

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092639.D
 Acq On : 30 Jan 2017 17:44
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 1/31/2017 4:45:04 PM

Quant Time: Jan 30 18:12:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153538	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	628515	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	333950	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	544217	20.00	ng	0.00
75) Chrysene-d12	14.13	240	415720	20.00	ng	-0.01
86) Perylene-d12	15.61	264	316541	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	780639	87.23	ng	-0.01
7) Phenol-d6	6.60	99	923986	80.24	ng	0.00
23) Nitrobenzene-d5	7.54	82	945391	83.76	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	198394	82.14	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1513052	82.08	ng	0.00
78) Terphenyl-d14	13.08	244	1461218	82.59	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	234395	48.47	ng	# 85
3) Pyridine	3.37	79	658675	53.57	ng	90
4) n-Nitrosodimethylamine	3.32	42	283661	49.13	ng	84
6) Aniline	6.62	93	651939	41.51	ng	# 56
8) 2-Chlorophenol	6.75	128	420280	42.57	ng	99
9) Benzaldehyde	6.51	77	350443	42.48	ng	99
10) Phenol	6.61	94	492603	36.56	ng	98
11) bis(2-Chloroethyl)ether	6.69	93	421080	39.16	ng	91
12) 1,3-Dichlorobenzene	6.90	146	463423m	40.07	ng	
13) 1,4-Dichlorobenzene	6.98	146	477825	40.83	ng	97
14) 1,2-Dichlorobenzene	7.14	146	483132	43.17	ng	94
15) Benzyl Alcohol	7.10	79	334205	39.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	738184	39.51	ng	95
17) 2-Methylphenol	7.23	107	379228	44.77	ng	97
18) Hexachloroethane	7.48	117	170444	42.66	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	275956	37.65	ng	96
20) 3+4-Methylphenols	7.38	107	408004	40.29	ng	# 76
22) Acetophenone	7.38	105	561598	39.14	ng	# 93
24) Nitrobenzene	7.55	77	447767	38.64	ng	98
25) Isophorone	7.79	82	837271	39.81	ng	96
26) 2-Nitrophenol	7.87	139	246775	44.79	ng	89
27) 2,4-Dimethylphenol	7.92	122	398311	41.17	ng	92
28) bis(2-Chloroethoxy)methane	8.01	93	550657	39.53	ng	98
29) 2,4-Dichlorophenol	8.11	162	354837	39.32	ng	88
30) 1,2,4-Trichlorobenzene	8.19	180	377818	38.85	ng	# 94
31) Naphthalene	8.28	128	1255354	39.40	ng	99
32) Benzoic acid	8.03	122	213750	40.34	ng	94
33) 4-Chloroaniline	8.33	127	509321	40.76	ng	99
34) Hexachlorobutadiene	8.40	225	214950	40.18	ng	98
35) Caprolactam	8.70	113	121210	42.70	ng	# 81
36) 4-Chloro-3-methylphenol	8.82	107	386675	41.10	ng	86
37) 2-Methylnaphthalene	8.97	142	800641	39.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	370669	39.54	ng	99
40) Hexachlorocyclopentadiene	9.12	237	174354	41.22	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092639.D
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 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040EC

Manual Integrations
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Quant Time: Jan 30 18:12:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	253795	41.20	nq	96
43) 2,4,5-Trichlorophenol	9.29	196	268653	39.81	nq	94
45) 1,1'-Biphenyl	9.44	154	1022841	42.30	nq	100
46) 2-Chloronaphthalene	9.46	162	809941	42.82	nq	99
47) 2-Nitroaniline	9.55	65	236188	37.14	nq	93
48) Acenaphthylene	9.87	152	1222675	37.42	nq	98
49) Dimethylphthalate	9.73	163	868042	38.59	nq	99
50) 2,6-Dinitrotoluene	9.80	165	205876	42.38	nq	# 74
51) Acenaphthene	10.04	154	728332	37.28	nq	98
52) 3-Nitroaniline	9.97	138	240463	43.25	nq	# 72
53) 2,4-Dinitrophenol	10.06	184	91666	39.63	nq	# 47
54) Dibenzofuran	10.21	168	963788	36.88	nq	97
55) 4-Nitrophenol	10.13	139	155777	38.91	nq	95
56) 2,4-Dinitrotoluene	10.20	165	291352	45.05	nq	# 73
57) Fluorene	10.56	166	773648	38.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	202283	44.93	nq	92
59) Diethylphthalate	10.43	149	871368	41.11	nq	97
60) 4-Chlorophenyl-phenylether	10.54	204	371139	38.43	nq	98
61) 4-Nitroaniline	10.58	138	214339	37.64	nq	93
62) Azobenzene	10.70	77	844025	38.54	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	129388	39.56	nq	# 36
65) n-Nitrosodiphenylamine	10.67	169	704999	40.55	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	220375	38.76	nq	94
67) Hexachlorobenzene	11.10	284	228244	40.62	nq	# 92
68) Atrazine	11.20	200	223403	40.04	nq	99
69) Pentachlorophenol	11.30	266	108694	41.30	nq	97
70) Phenanthrene	11.53	178	1200429	38.50	nq	97
71) Anthracene	11.57	178	1226784	39.18	nq	99
72) Carbazole	11.73	167	1300469	43.45	nq	98
73) Di-n-butylphthalate	12.05	149	1265685	39.10	nq	# 98
74) Fluoranthene	12.71	202	1221300	37.97	nq	98
76) Benzidine	12.83	184	689296	38.91	nq	99
77) Pyrene	12.95	202	1336136	42.95	nq	98
79) Butylbenzylphthalate	13.55	149	530423	41.98	nq	94
80) Benzo(a)anthracene	14.12	228	997787	39.24	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	352794	38.92	nq	# 98
82) Chrysene	14.17	228	1020856	42.88	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	755855	43.75	nq	# 96
84) Di-n-octyl phthalate	14.72	149	1150362	40.89	nq	100
85) Indeno(1,2,3-cd)pyrene	17.08	276	699892	37.96	nq	95
87) Benzo(b)fluoranthene	15.17	252	954752	45.82	nq	99
88) Benzo(k)fluoranthene	15.21	252	631263m	35.09	nq	
89) Benzo(a)pyrene	15.54	252	739511	41.03	nq	# 97
90) Dibenzo(a,h)anthracene	17.11	278	588940	40.43	nq	98
91) Benzo(g,h,i)perylene	17.53	276	596556	40.54	nq	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

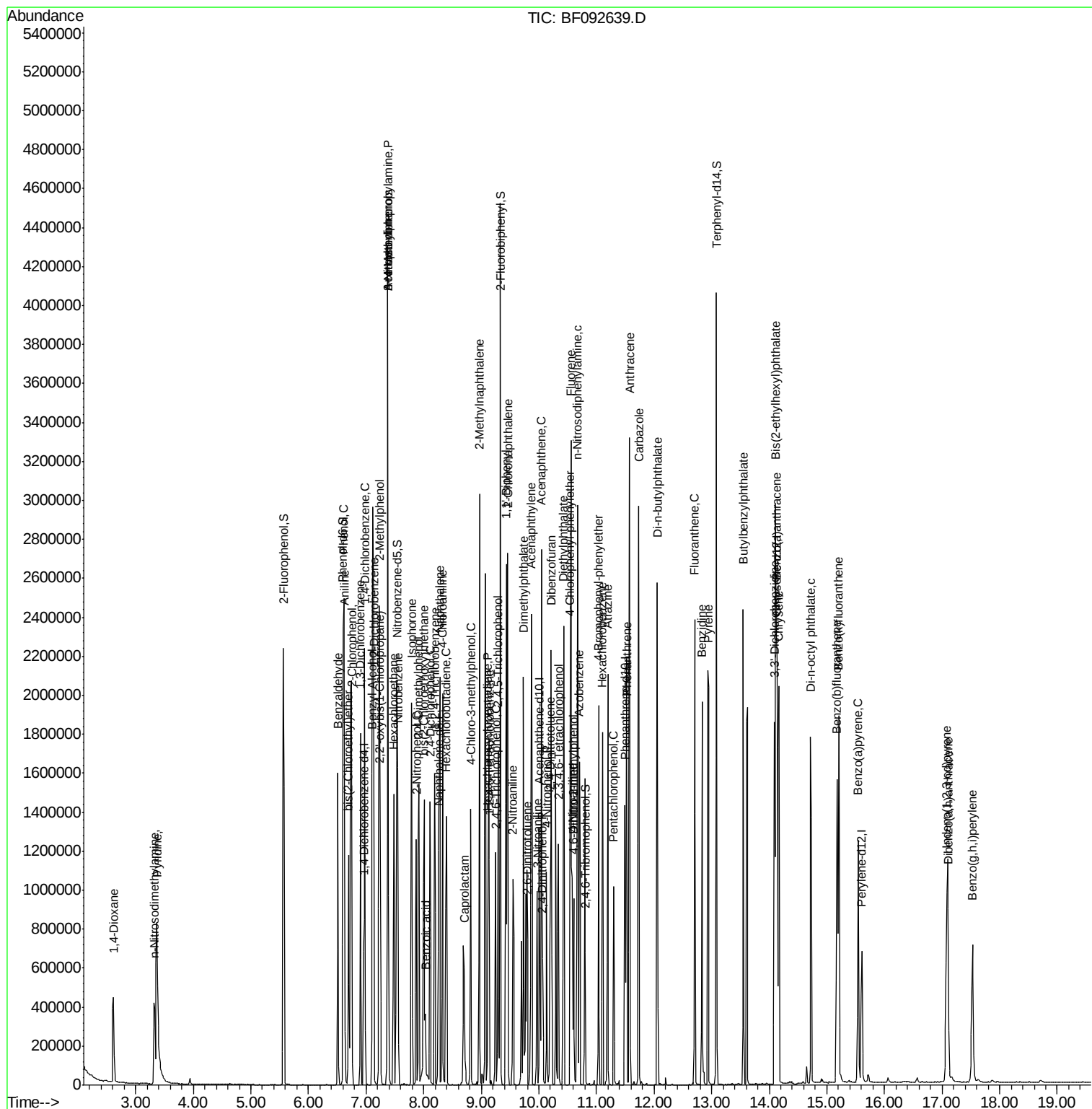
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\  
Data File : BF092639.D  
Acq On    : 30 Jan 2017   17:44  
Operator  : SJ/MA  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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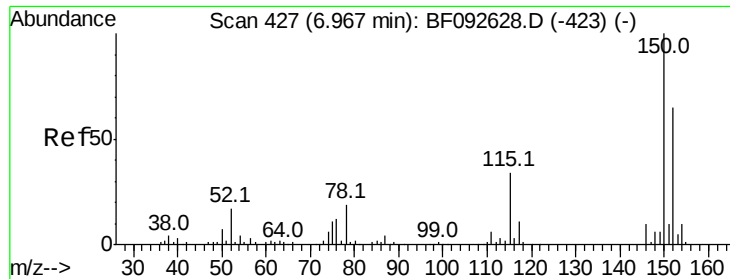
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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#1

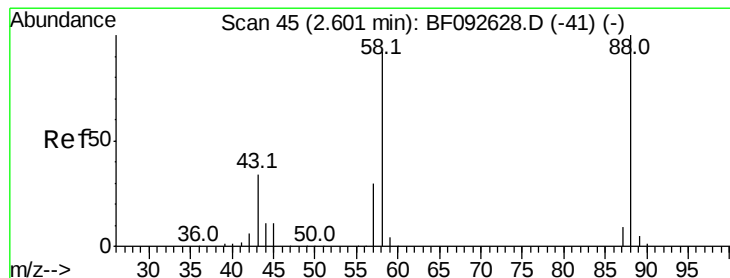
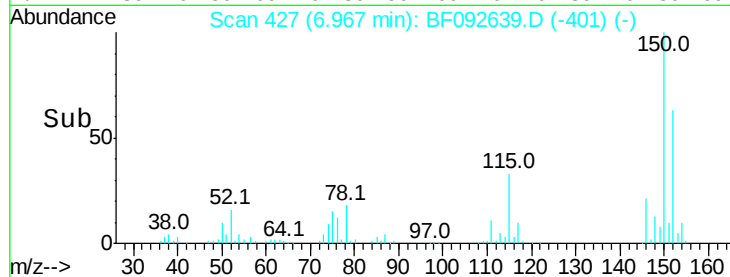
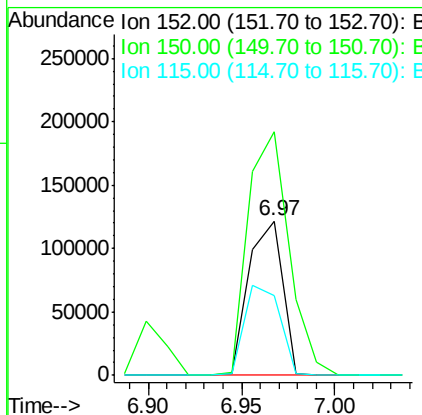
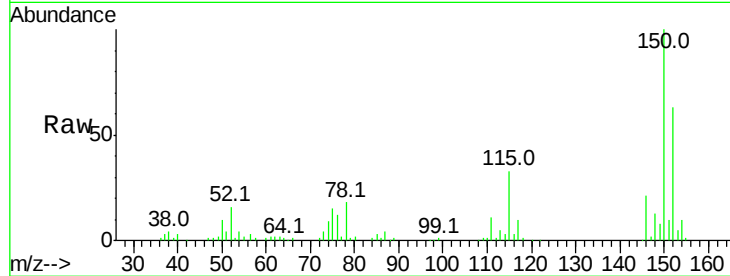
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.9	187.3
115	51.2	46.0	69.0

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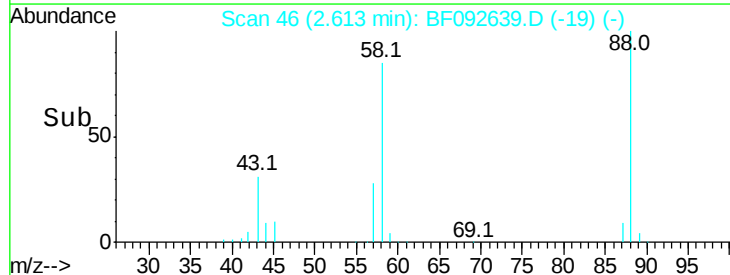
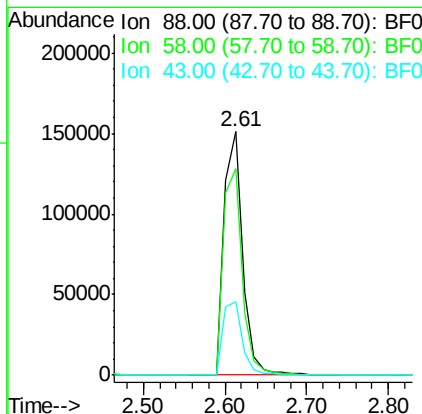
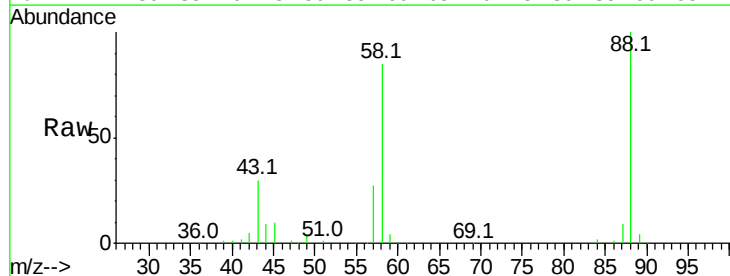
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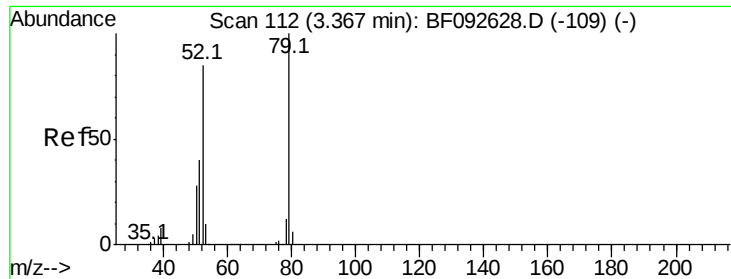


#2

1,4-Dioxane
Concen: 48.47 ng
RT: 2.61 min Scan# 46
Delta R.T. 0.01 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	57.8	86.8#
43	32.1	22.3	33.5





#3

Pvridine

Concen: 53.57 ng

RT: 3.37 min Scan# 112

Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

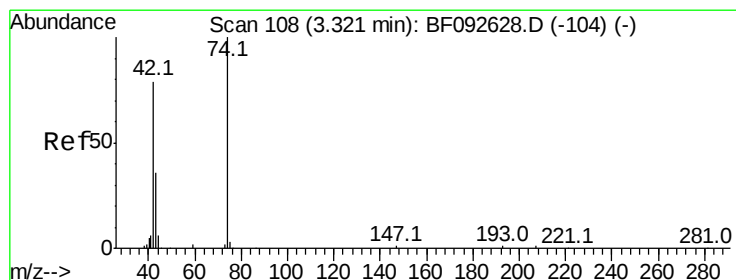
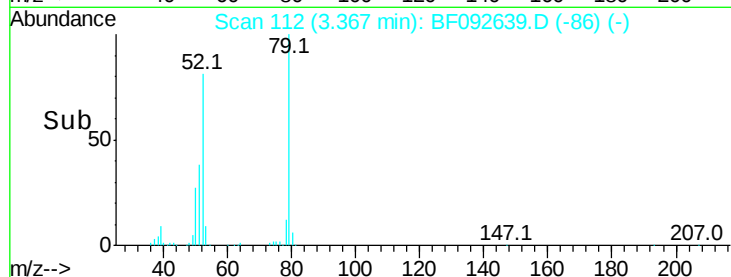
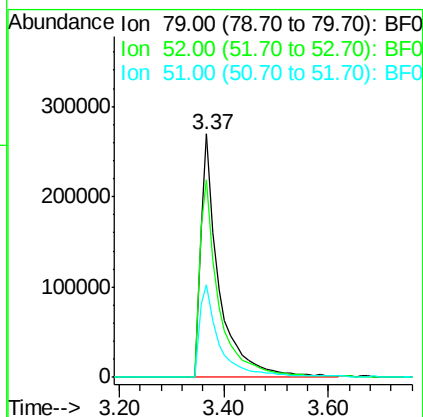
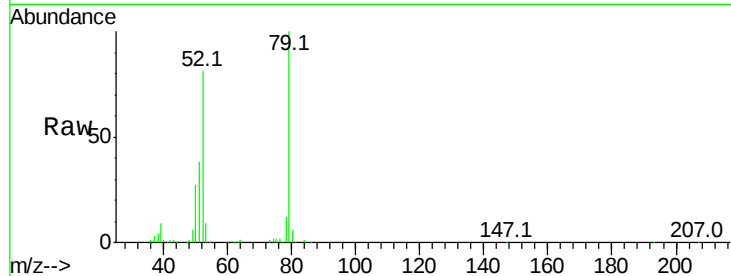
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	658675
Ion Ratio	Lower	Upper	
79	100		
52	81.2	57.1	85.7
51	38.2	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 49.13 ng

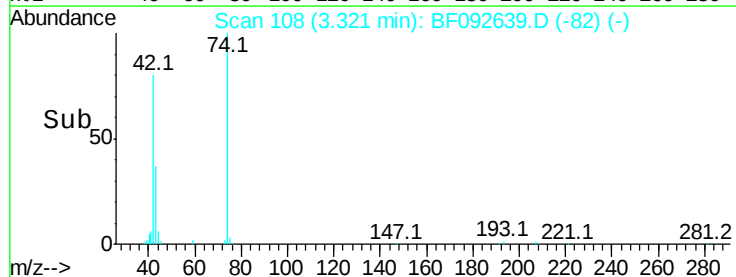
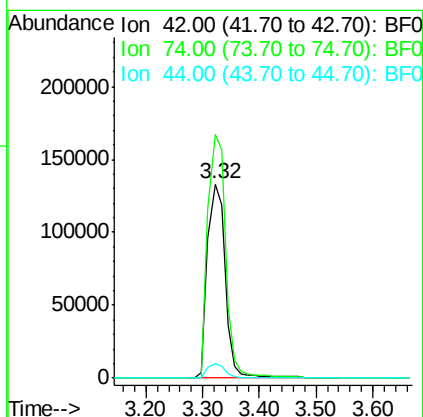
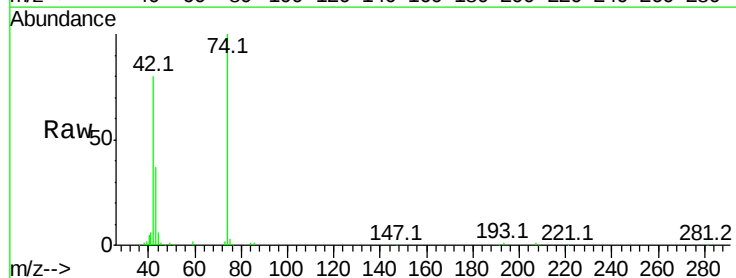
RT: 3.32 min Scan# 108

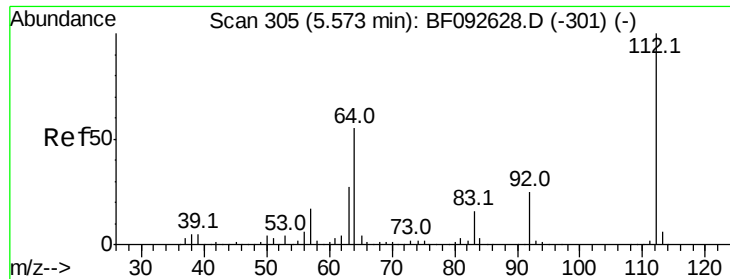
Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion:	42	Resp:	283661
Ion Ratio	Lower	Upper	
42	100		
74	125.5	117.0	175.4
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 87.23 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

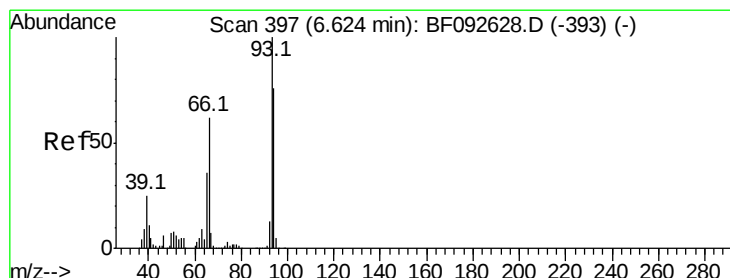
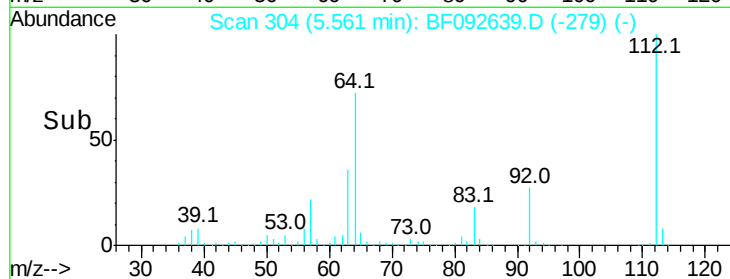
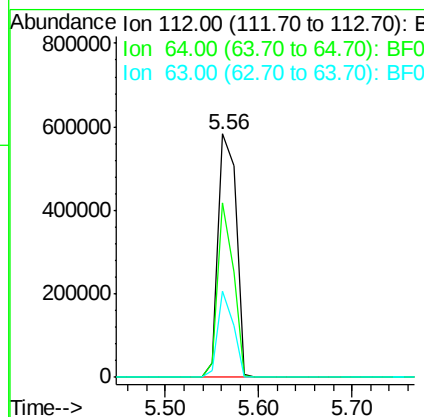
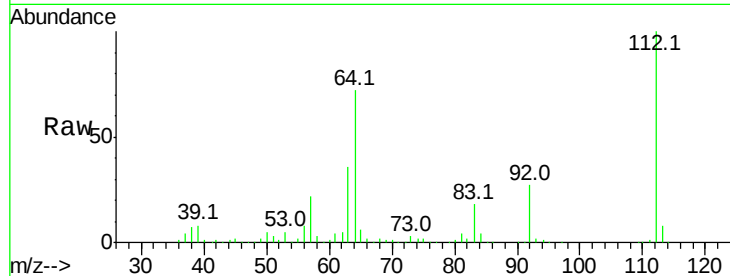
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	780639
Ion Ratio	Lower	Upper	
112	100		
64	71.5	46.1	69.1#
63	35.6	23.8	35.6

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#6

Aniline

Concen: 41.51 ng

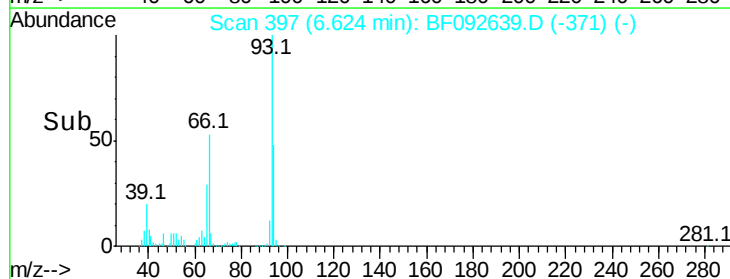
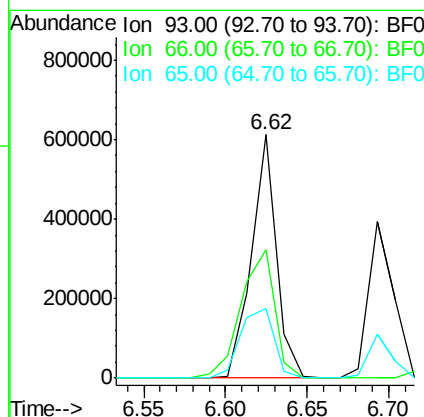
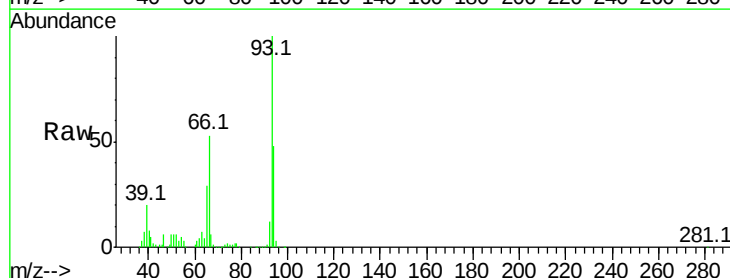
RT: 6.62 min Scan# 397

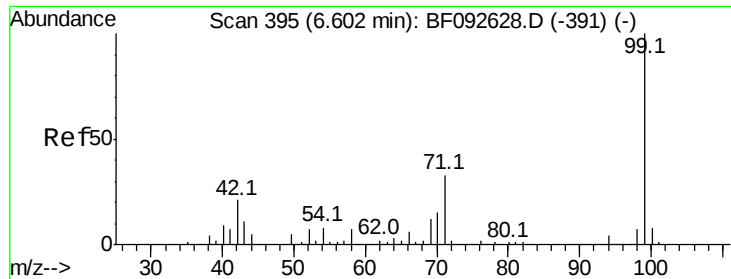
Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion:	93	Resp:	651939
Ion Ratio	Lower	Upper	
93	100		
66	52.6	76.2	114.2#
65	28.6	49.3	73.9#





#7

Phenol-d6

Concen: 80.24 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

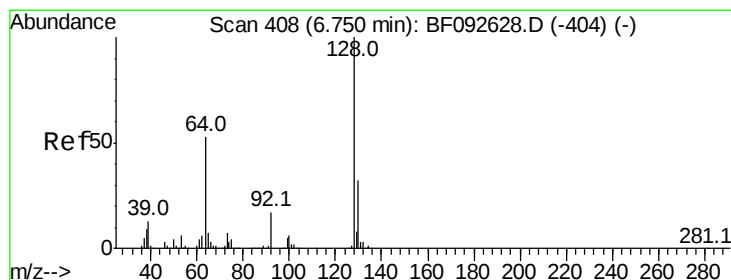
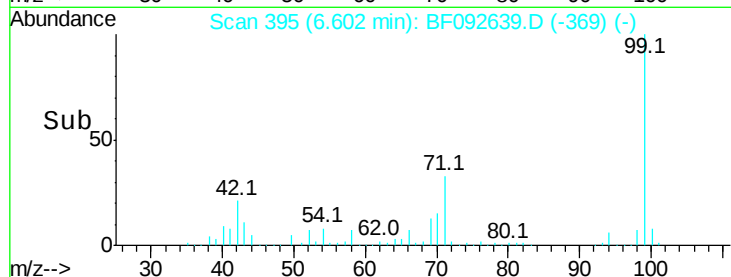
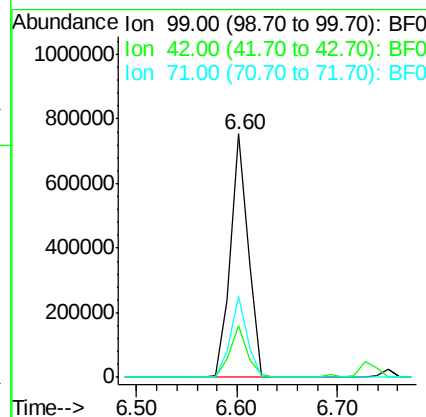
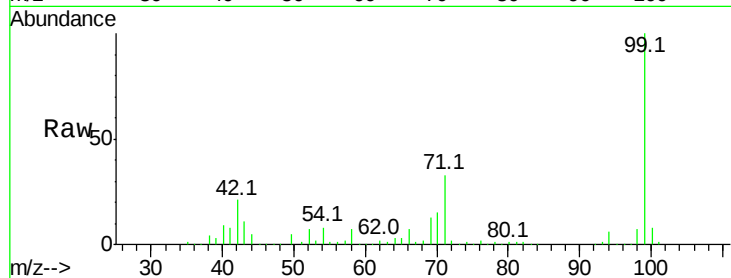
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	923986
Ion Ratio	Lower	Upper	
99	100		
42	21.2	15.6	23.4
71	33.3	27.5	41.3

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#8

2-Chlorophenol

Concen: 42.57 ng

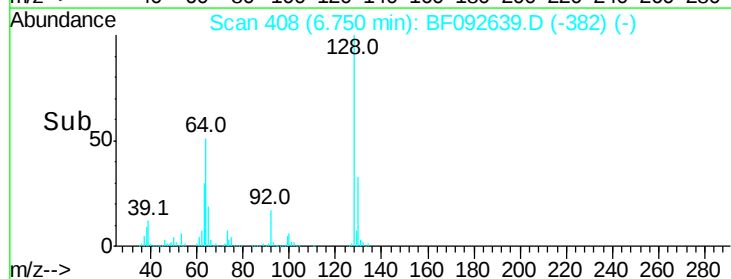
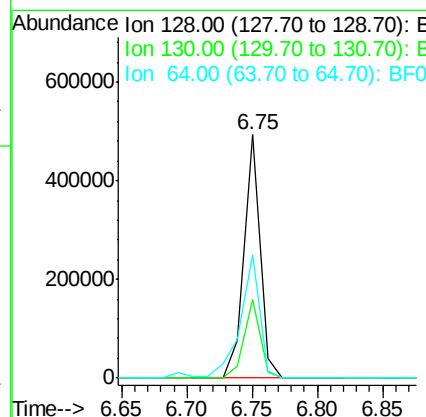
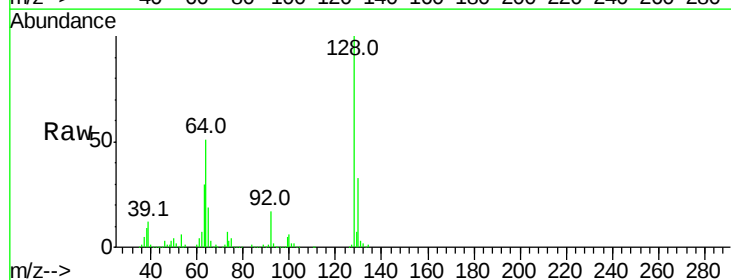
RT: 6.75 min Scan# 408

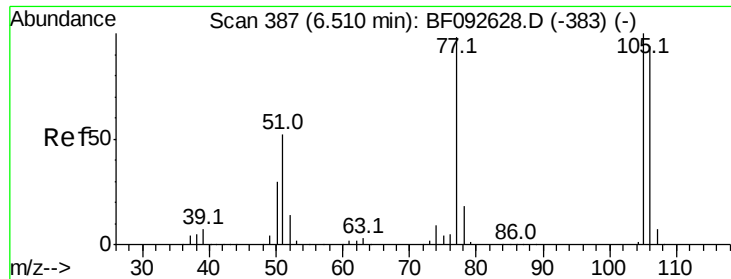
Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion:	128	Resp:	420280
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.3	52.3
64	50.7	32.2	72.2





#9

Benzaldehyde

Concen: 42.48 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

ClientSampleId :

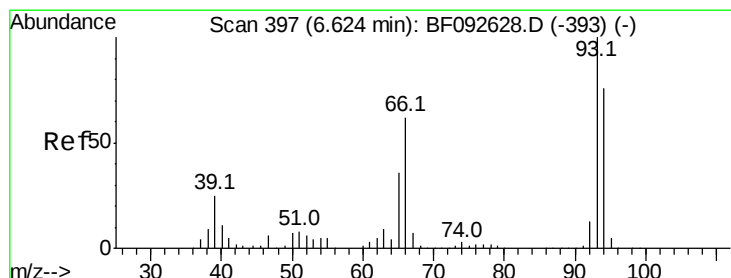
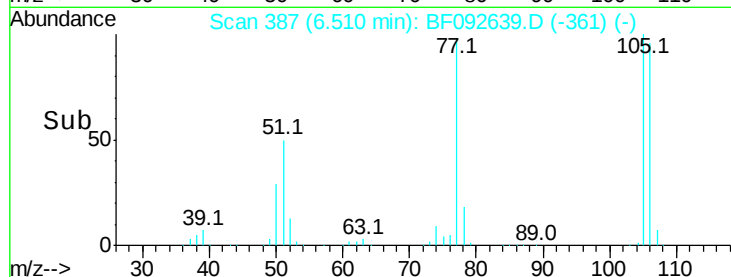
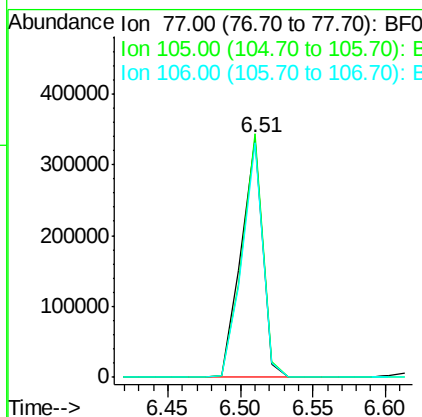
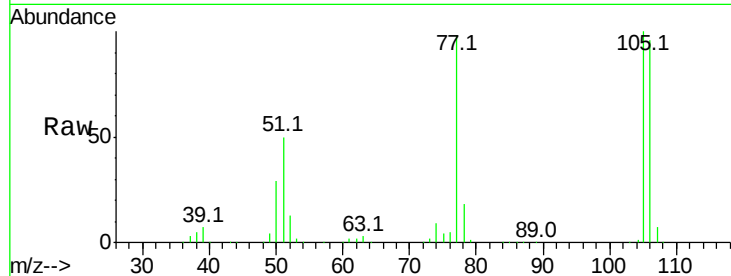
SSTDCCC040EC

Tot Ion: 77 Resp: 350443

Ion	Ratio	Lower	Upper
77	100		
105	101.8	83.9	123.9
106	98.2	77.6	117.6

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#10

Phenol

Concen: 36.56 ng

RT: 6.61 min Scan# 396

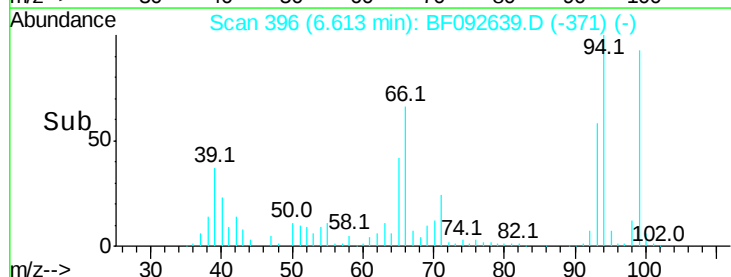
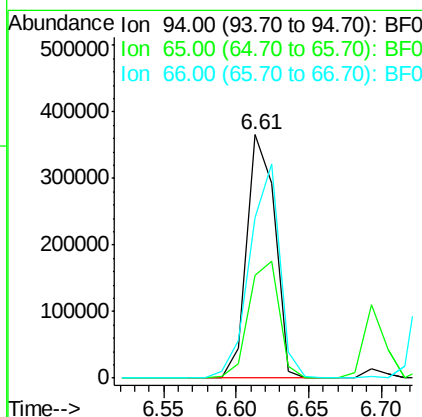
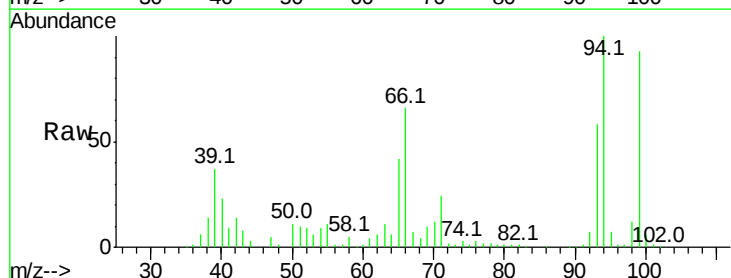
Delta R.T. -0.01 min

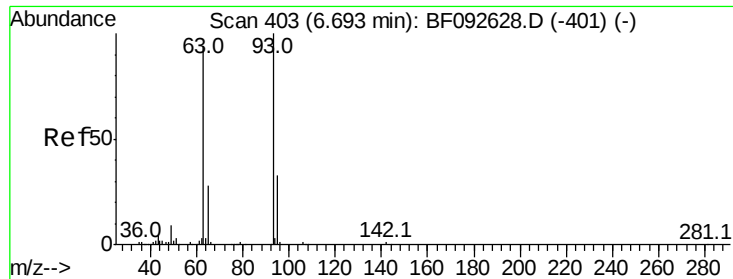
Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion: 94 Resp: 492603

Ion	Ratio	Lower	Upper
94	100		
65	42.1	21.4	61.4
66	66.0	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 39.16 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

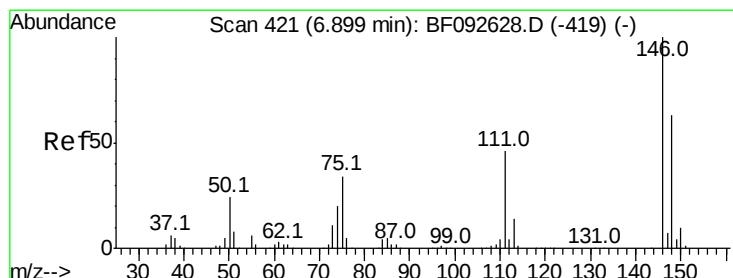
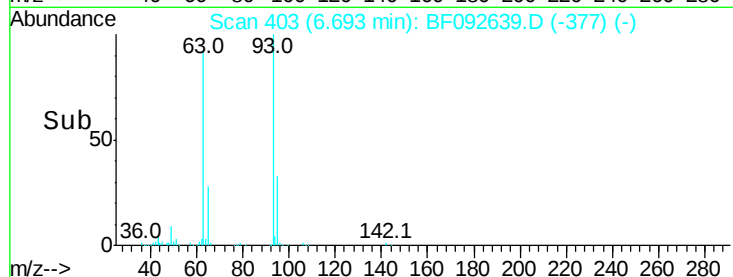
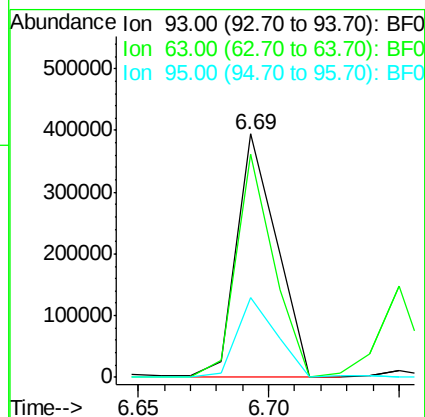
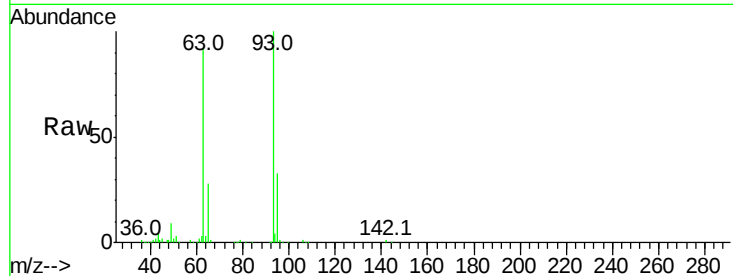
ClientSampleID :

SSTDCCC040EC

Tot Ion:	93	Resp:	421080
Ion	Ratio	Lower	Upper
93	100		
63	91.9	60.4	100.4
95	32.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.07 ng m

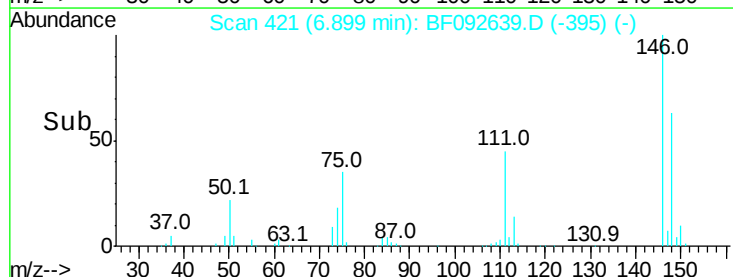
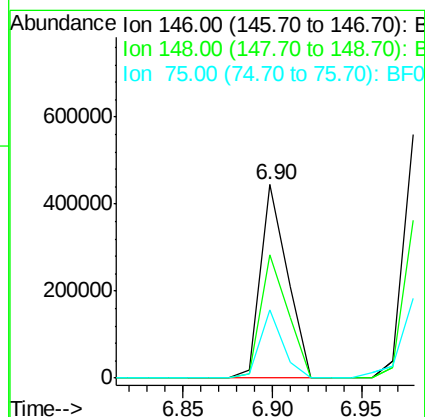
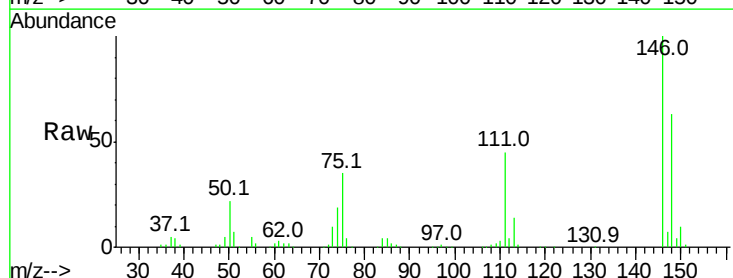
RT: 6.90 min Scan# 421

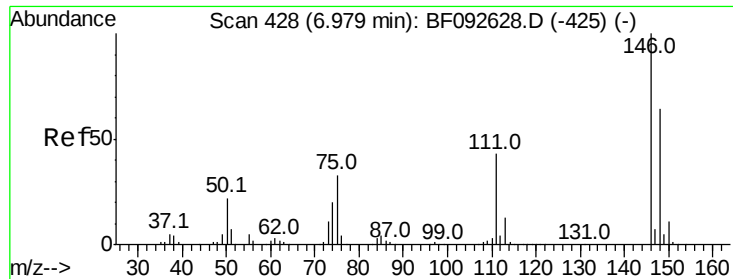
Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion:	146	Resp:	463423
Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.0
75	35.2	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 40.83 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

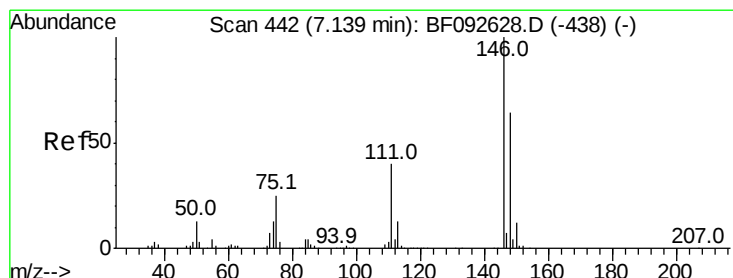
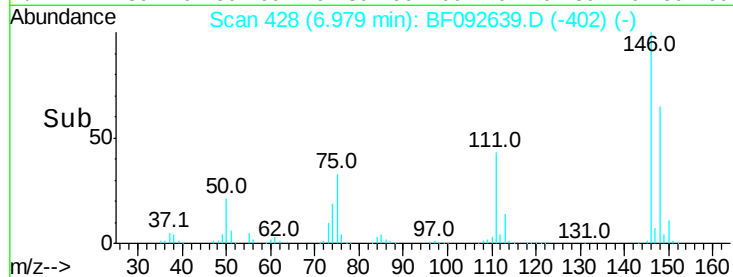
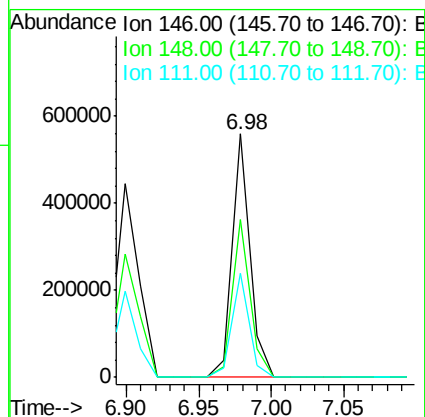
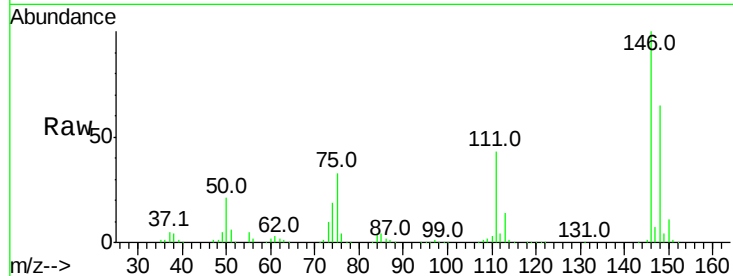
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	477825
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.6	76.0
111	42.8	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.17 ng

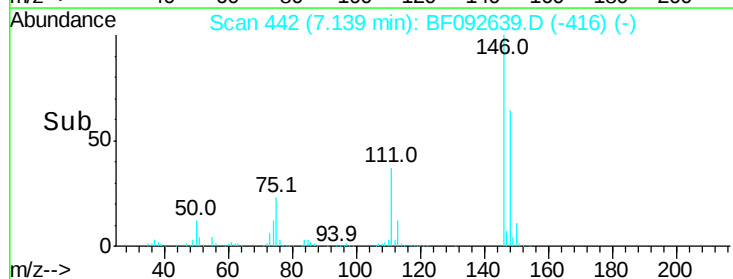
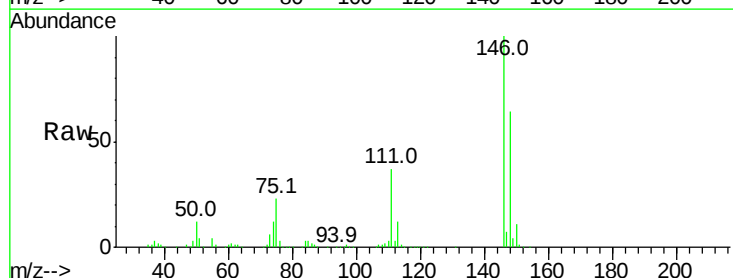
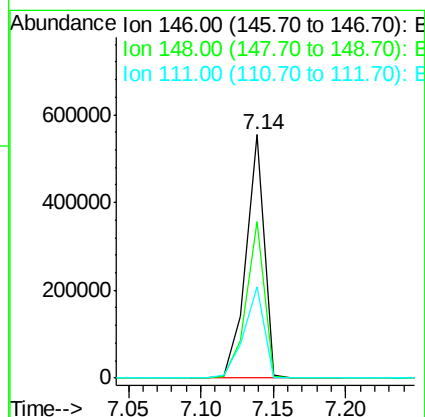
RT: 7.14 min Scan# 442

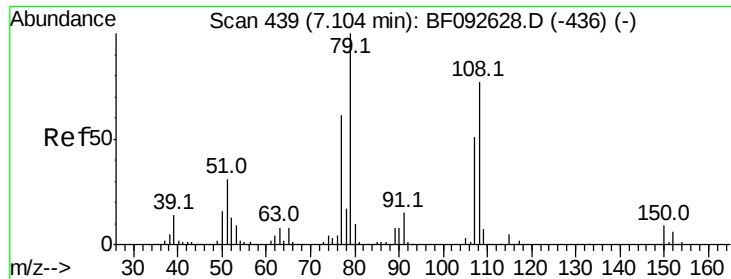
Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion:	146	Resp:	483132
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.2
111	37.4	36.2	54.2





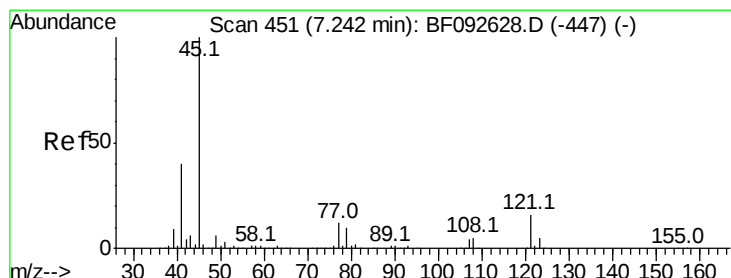
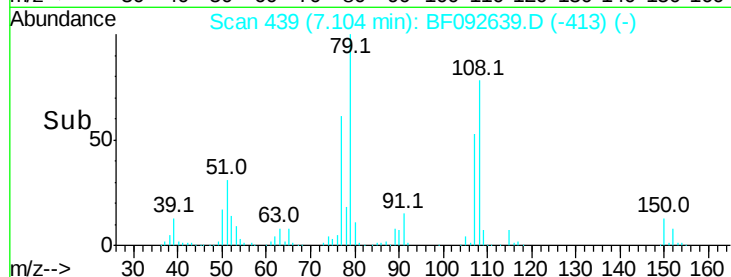
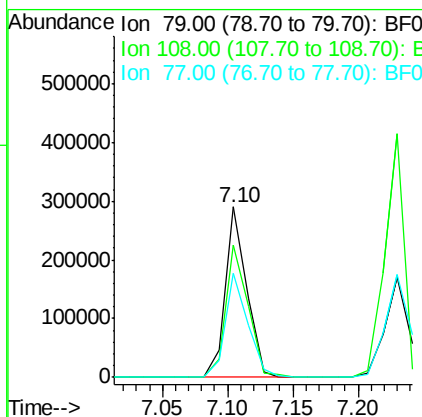
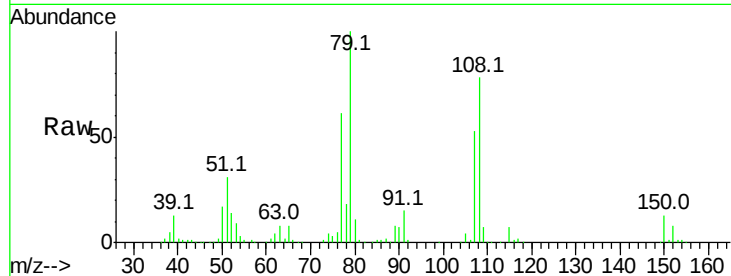
#15
Benzyl Alcohol
Concen: 39.20 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 79 Resp: 334205
Ion Ratio Lower Upper
79 100
108 77.8 61.4 92.0
77 61.1 50.9 76.3

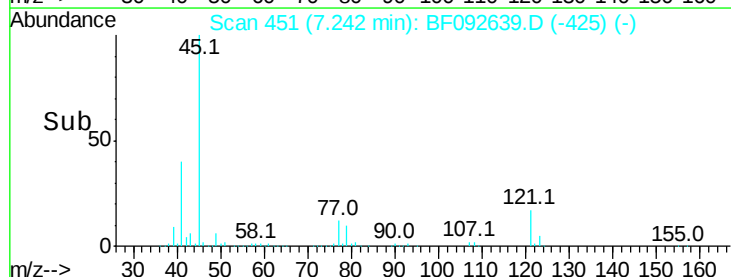
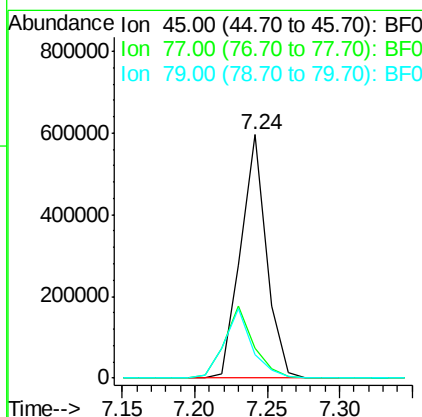
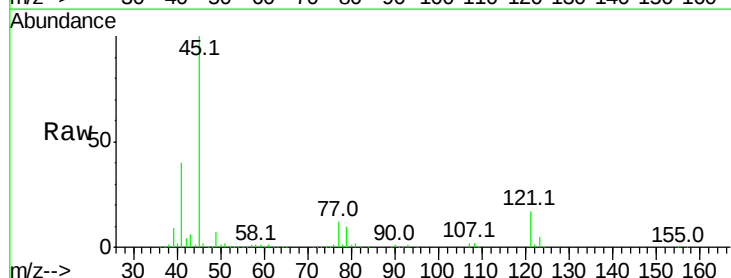
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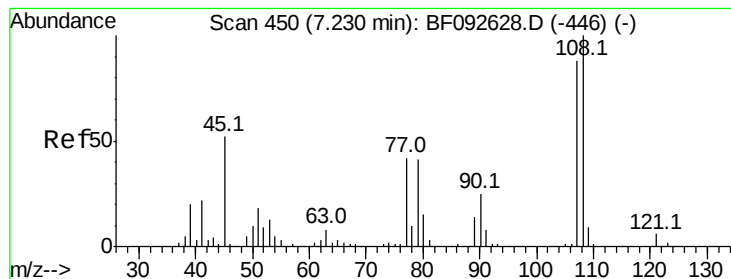
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.51 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion: 45 Resp: 738184
Ion Ratio Lower Upper
45 100
77 12.1 0.0 34.6
79 9.5 0.0 31.2





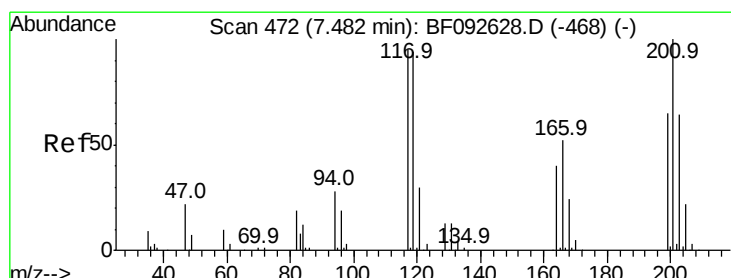
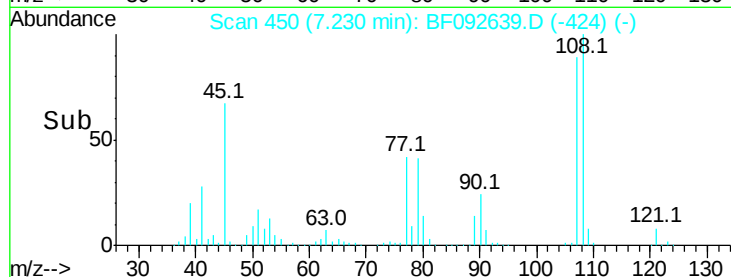
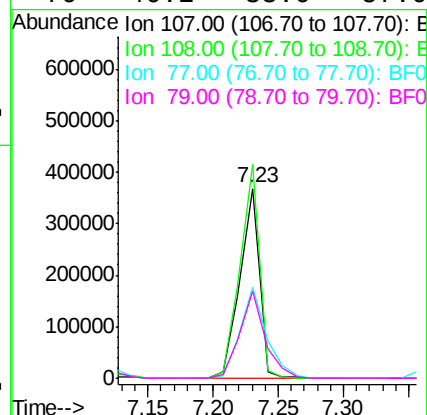
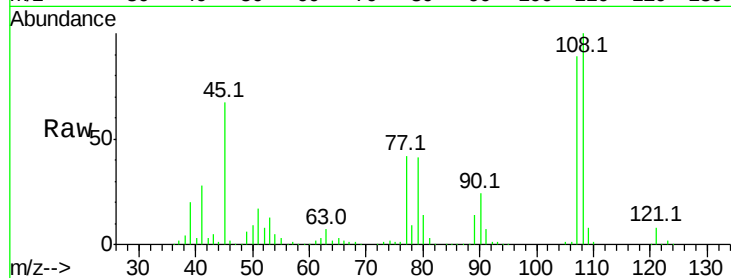
#17
2-Methylphenol
Concen: 44.77 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	93.0	139.6
77	47.7	39.8	59.8
79	46.2	38.0	57.0

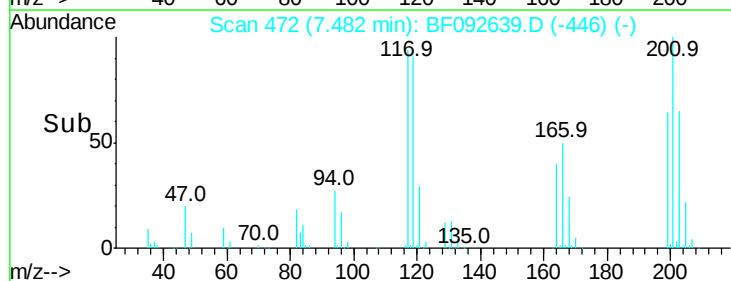
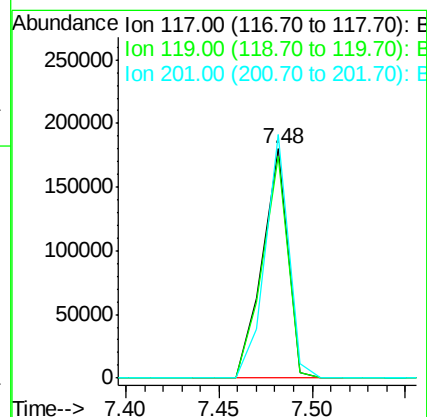
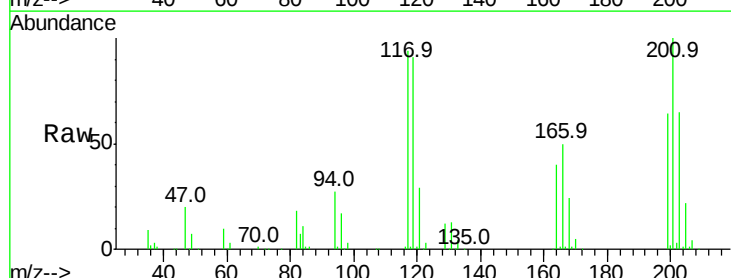
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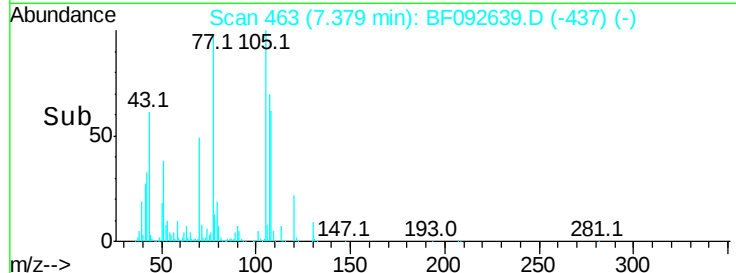
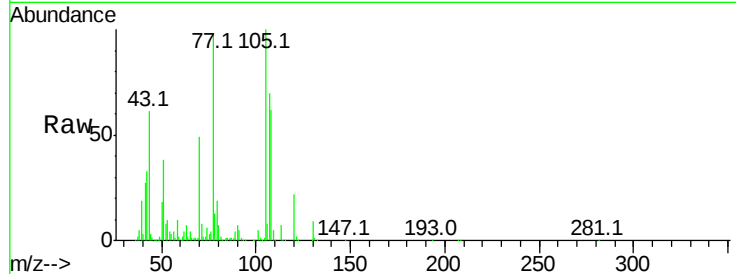
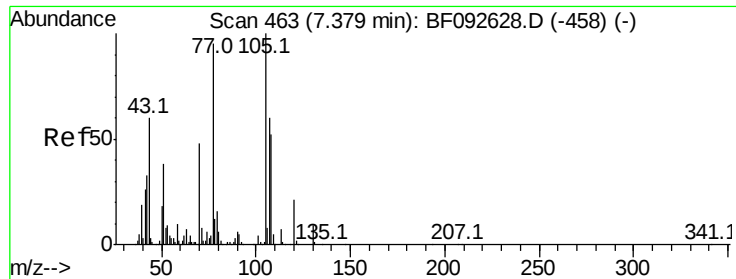
mohammad
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#18
Hexachloroethane
Concen: 42.66 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.1	117.1
201	106.1	78.6	117.8





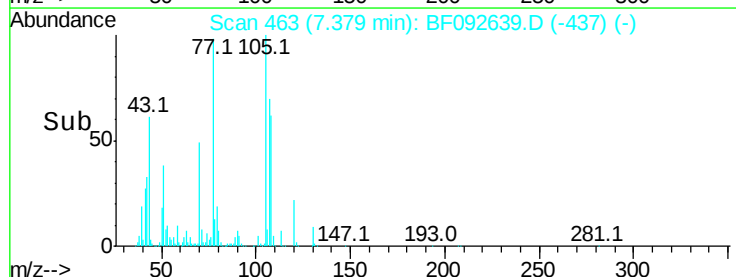
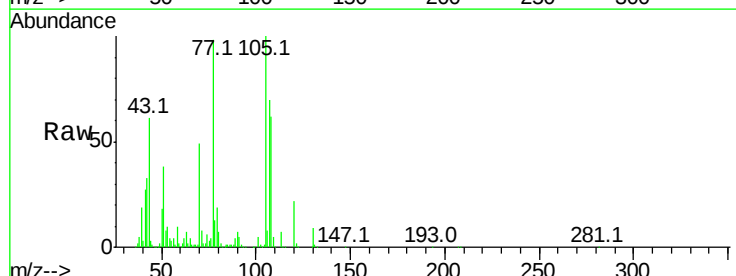
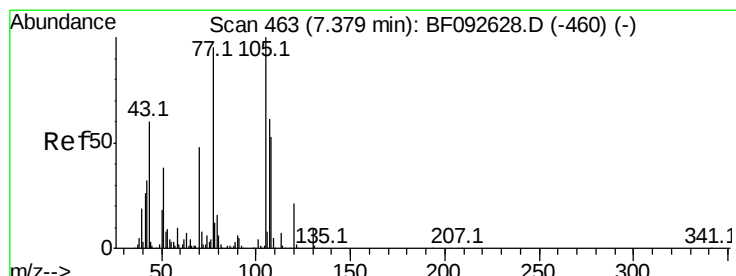
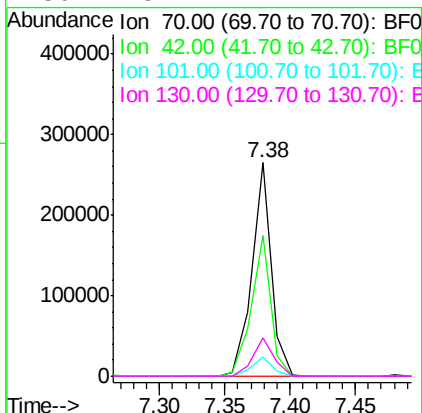
#19
n-Nitroso-di-n-propylamine
Concen: 37.65 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.8	49.4	74.0
101	9.3	7.4	11.2
130	18.1	14.2	21.4

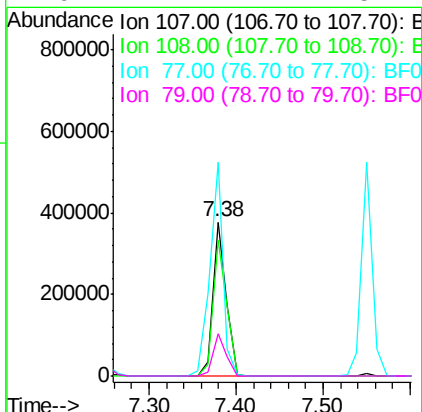
Manual Integrations
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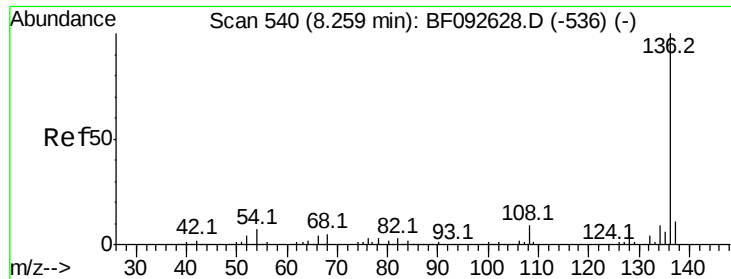
mohammad
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#20
3+4-Methylphenols
Concen: 40.29 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	73.0	113.0
77	138.7	71.3	111.3#
79	27.1	11.1	51.1





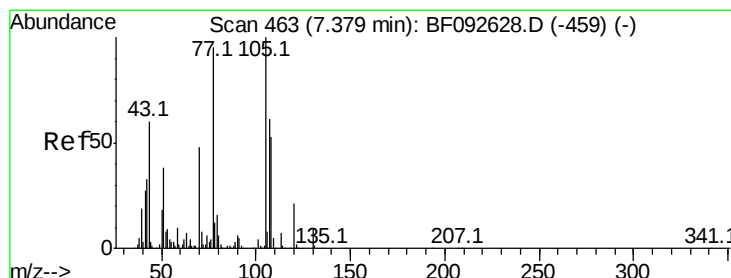
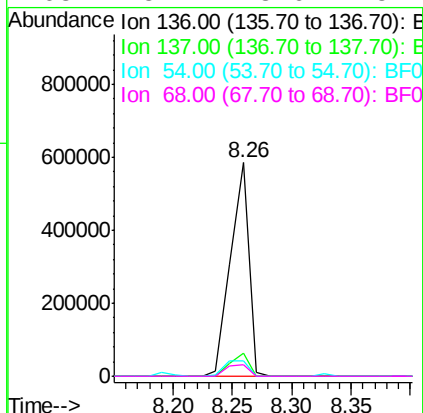
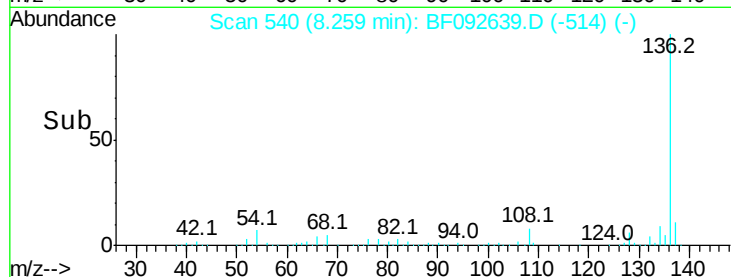
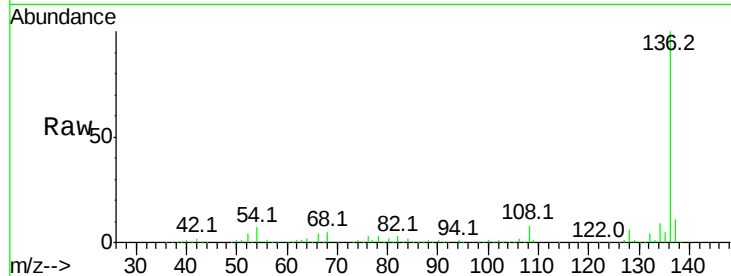
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.4	4.5	6.7#
68	5.4	3.6	5.4#

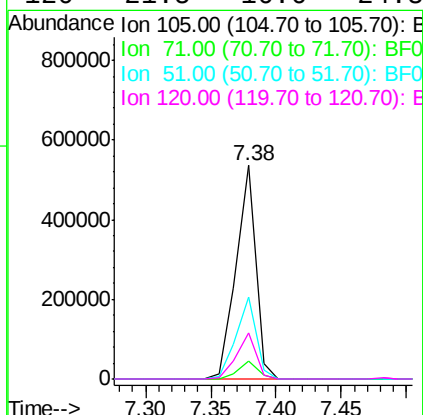
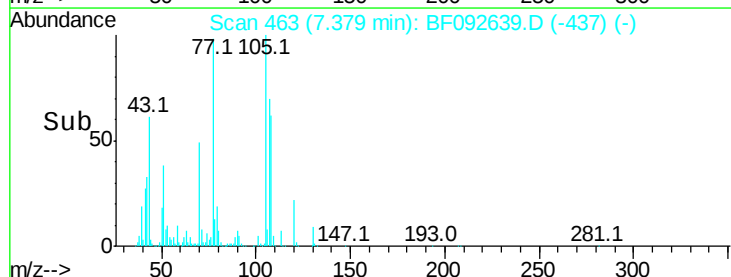
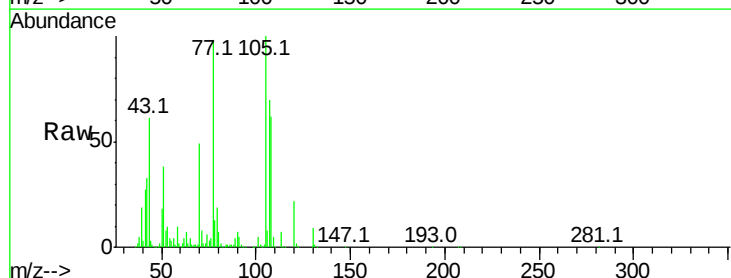
Manual Integrations
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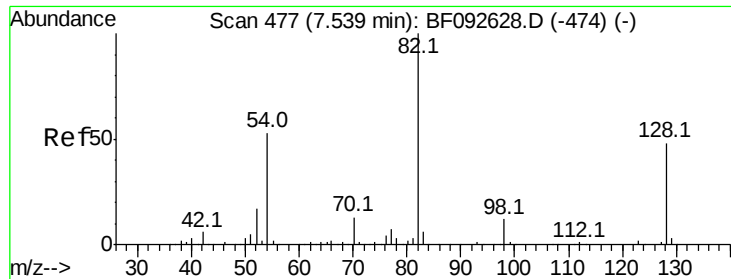
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#22
Acetophenone
Concen: 39.14 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.3	3.2	4.8#
51	38.3	26.2	39.4
120	21.5	16.6	24.8





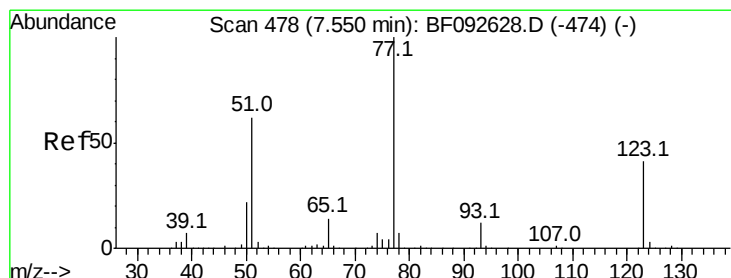
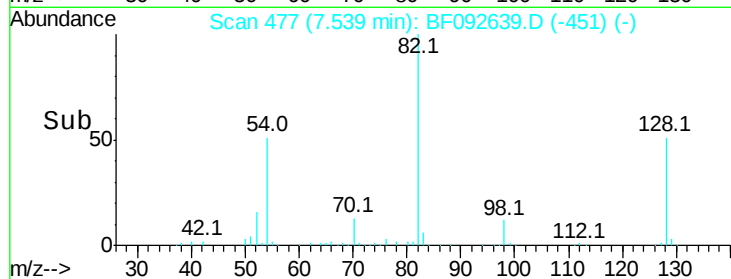
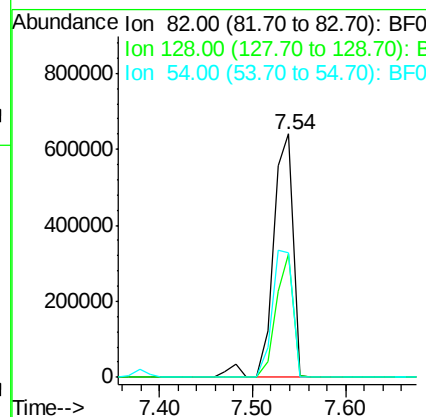
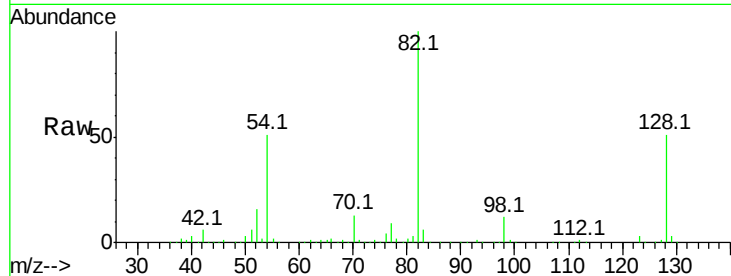
#23
 Nitrobenzene-d5
 Concen: 83.76 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.7	34.6	52.0
54	51.1	39.5	59.3

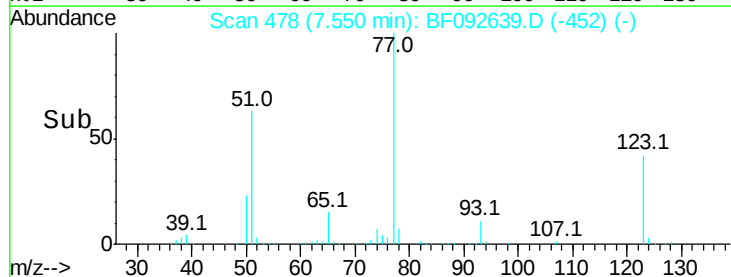
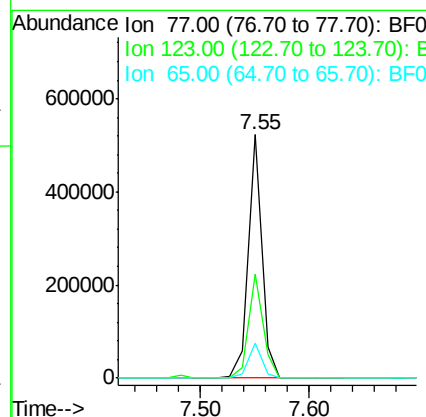
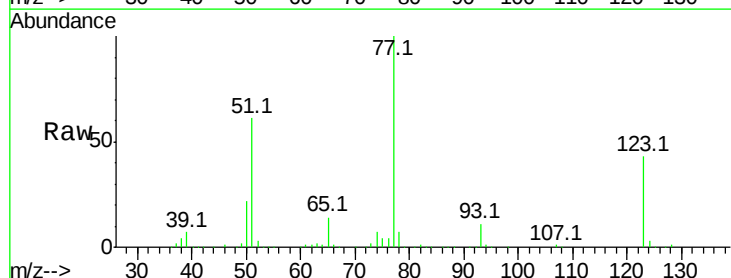
Manual Integrations
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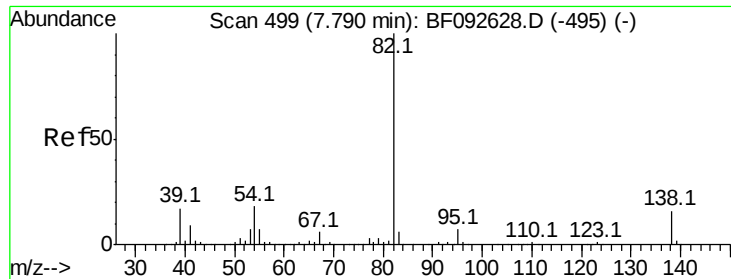
mohammad
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#24
 Nitrobenzene
 Concen: 38.64 ng
 RT: 7.55 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	33.0	49.4
65	14.1	11.2	16.8





#25

Isophorone

Concen: 39.81 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

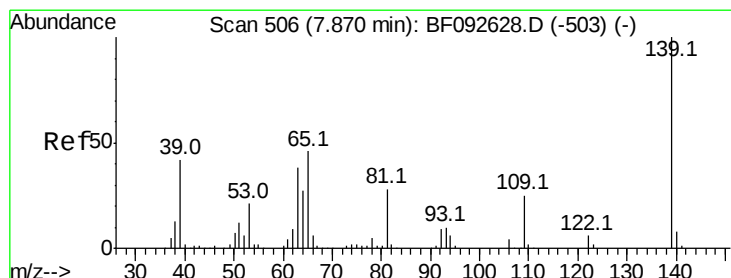
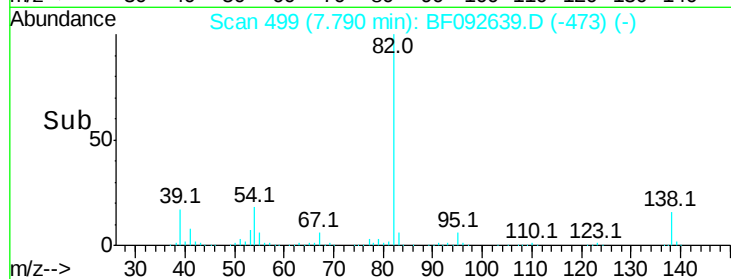
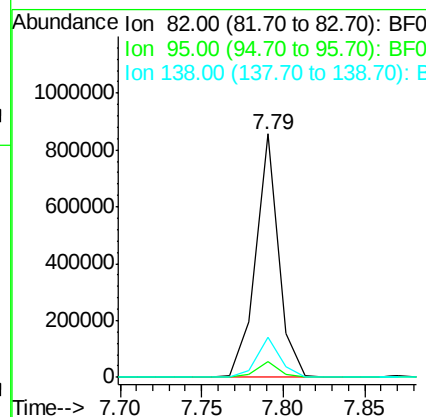
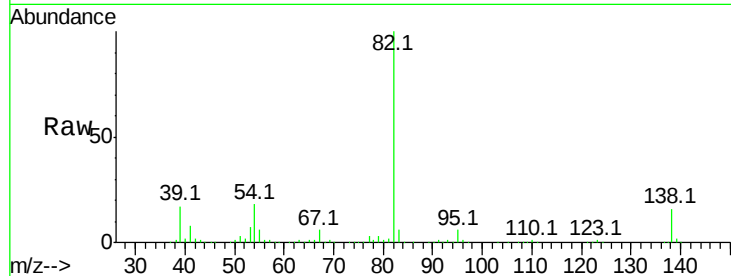
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	837271
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.6	8.4
138	16.4	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.79 ng

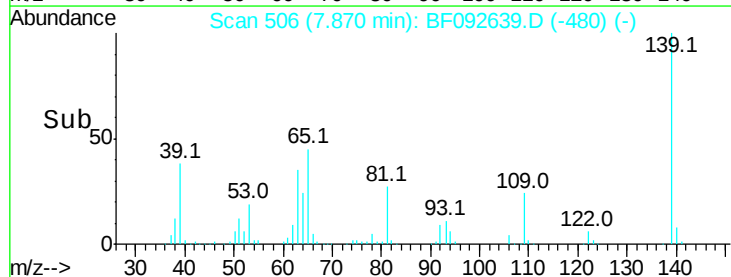
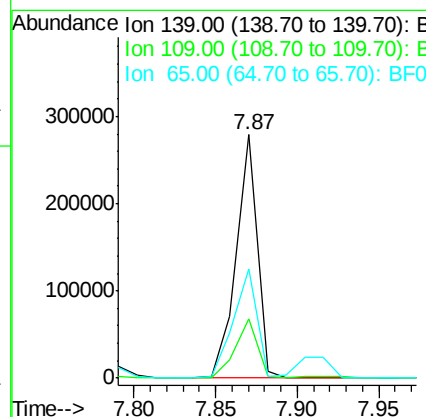
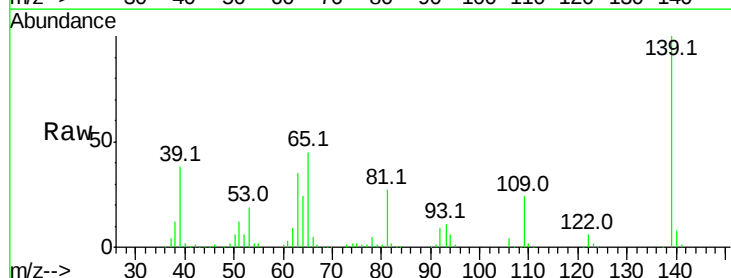
RT: 7.87 min Scan# 506

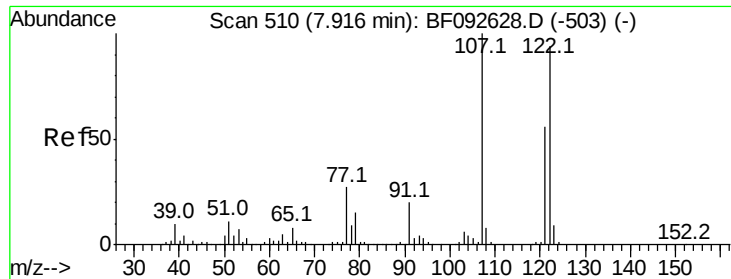
Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion:	139	Resp:	246775
Ion Ratio	Lower	Upper	
139	100		
109	24.2	23.3	34.9
65	44.9	42.7	64.1





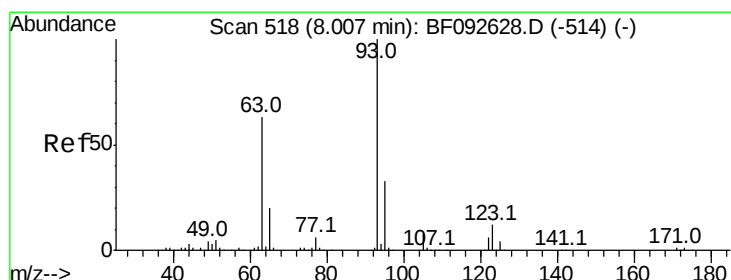
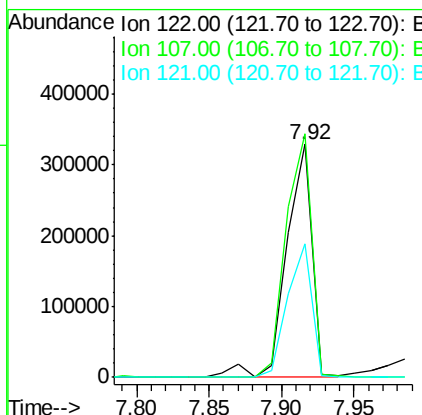
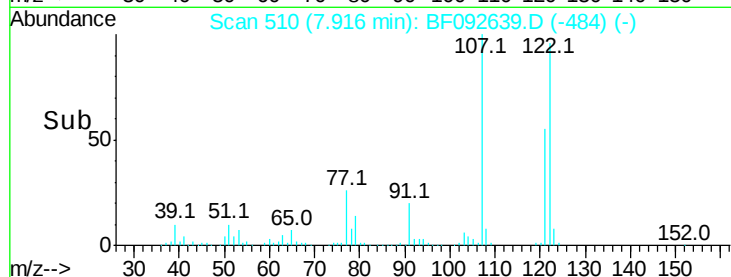
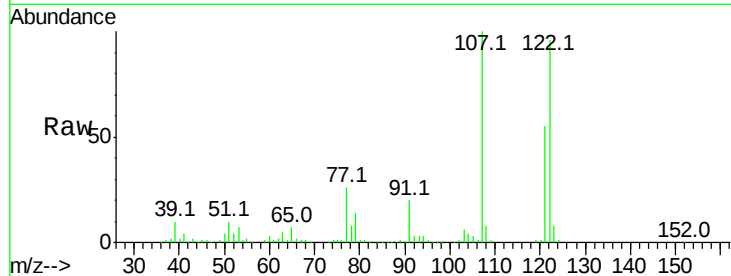
#27
2,4-Dimethylphenol
Concen: 41.17 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.5	94.1	141.1
121	57.6	46.0	69.0

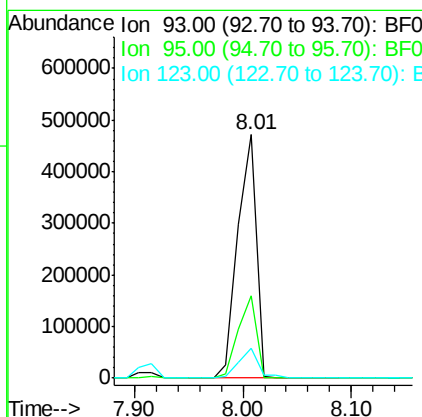
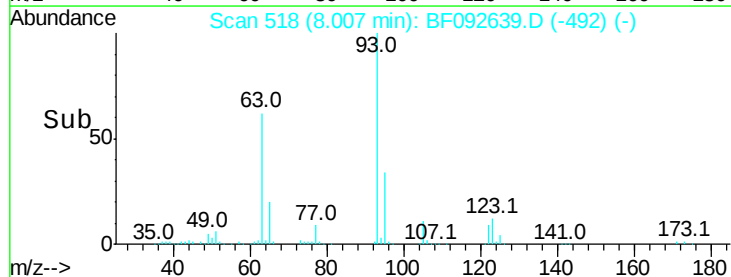
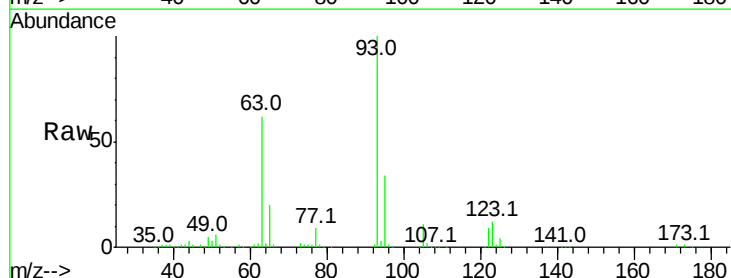
Manual Integrations
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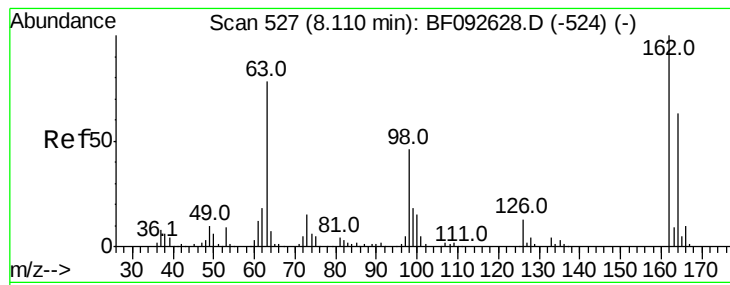
mohammad
1/31/2017 4:45:04 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.53 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.5	39.7
123	12.3	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 39.32 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

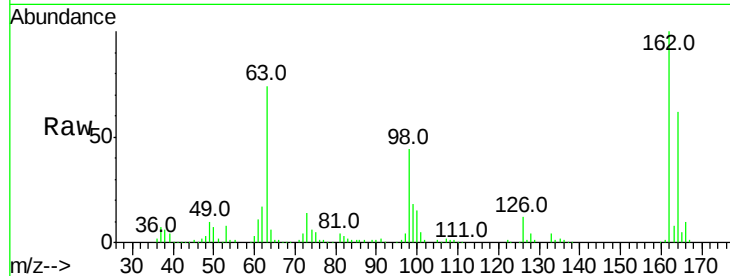
ClientSampleId :

SSTDCCC040EC

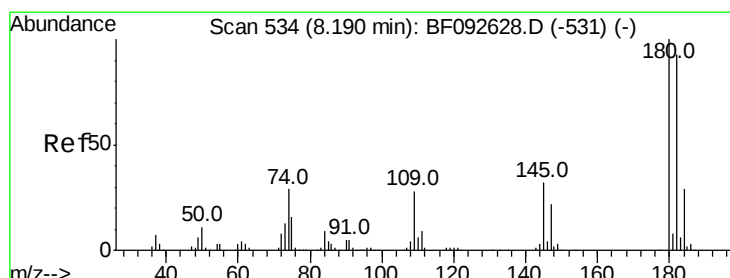
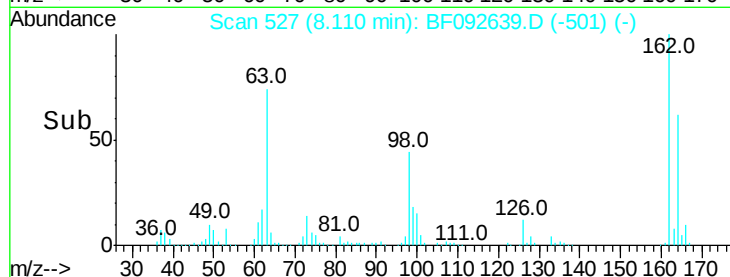
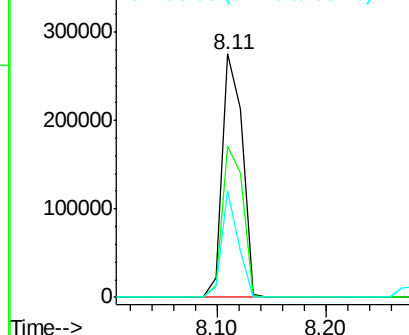
Tot Ion:	162	Resp:	354837
Ion Ratio	Lower	Upper	
162	100		
164	62.1	46.8	86.8
98	44.0	9.1	49.1

Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.85 ng

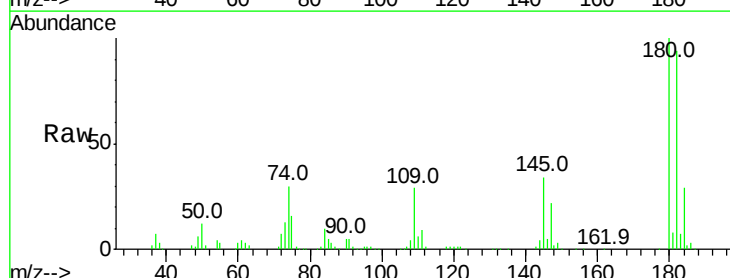
RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

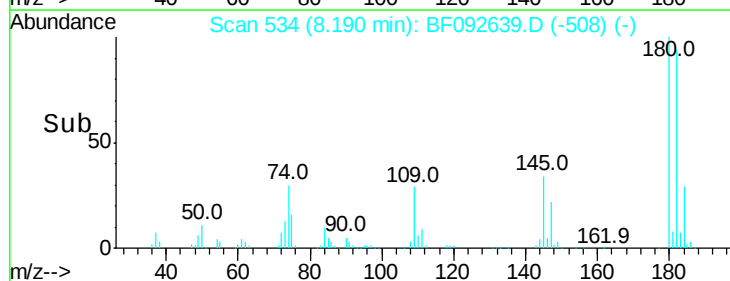
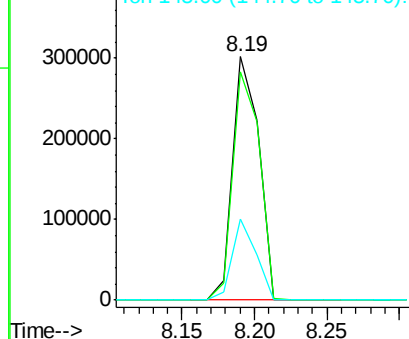
Lab File: BF092639.D

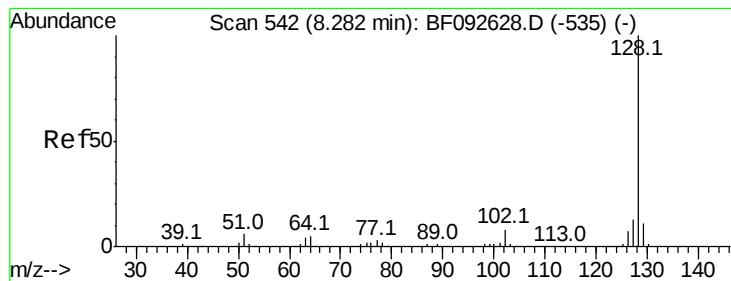
Acq: 30 Jan 2017 17:44

Tgt Ion:	180	Resp:	377818
Ion Ratio	Lower	Upper	
180	100		
182	93.6	78.2	117.4
145	33.5	21.6	32.4#



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.40 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1255354

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

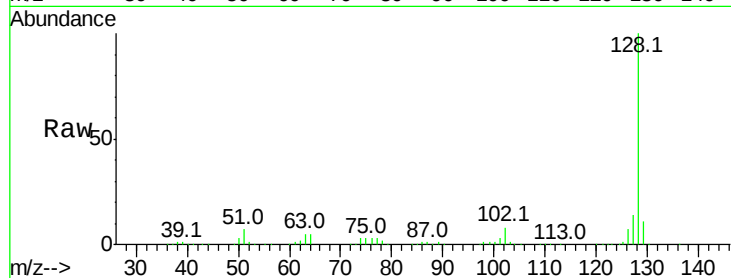
127 13.5 10.8 16.2

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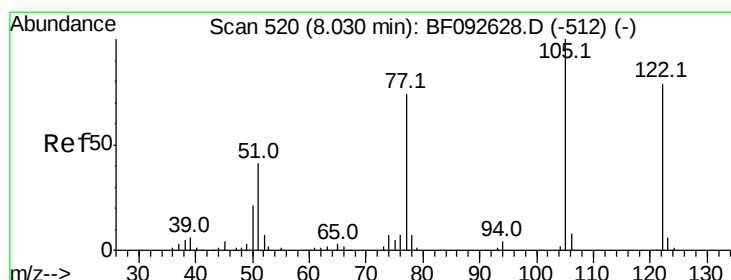
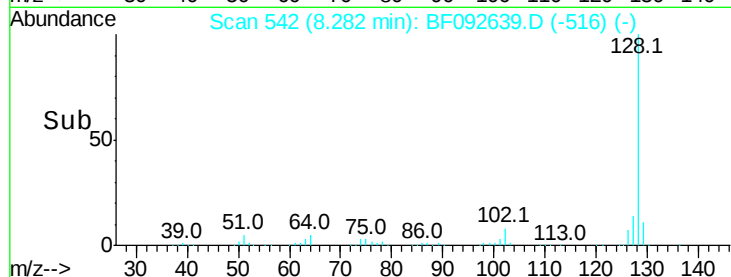
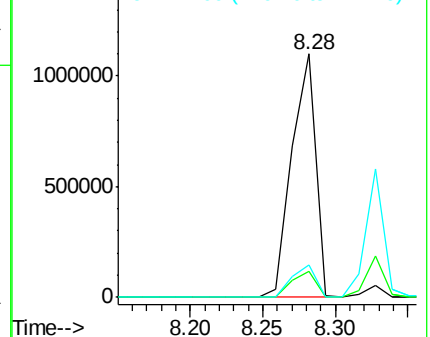
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.34 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

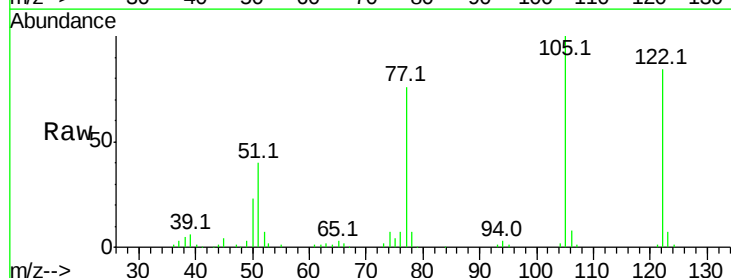
Tgt Ion:122 Resp: 213750

Ion Ratio Lower Upper

122 100

105 119.1 107.2 147.2

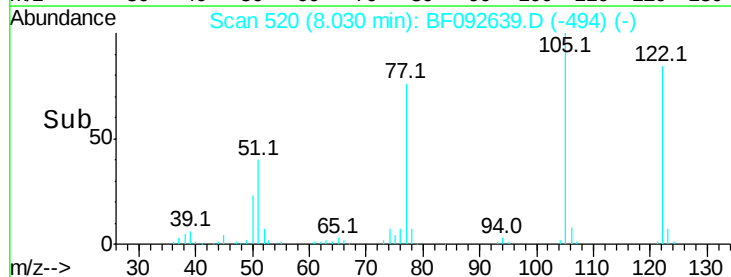
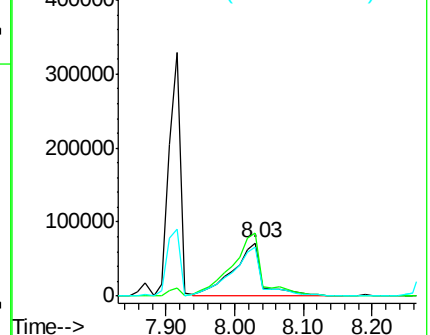
77 90.6 74.5 114.5

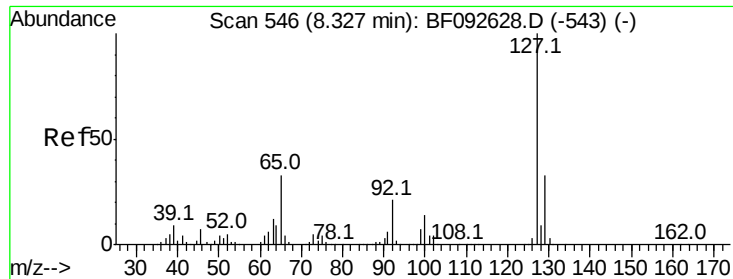


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





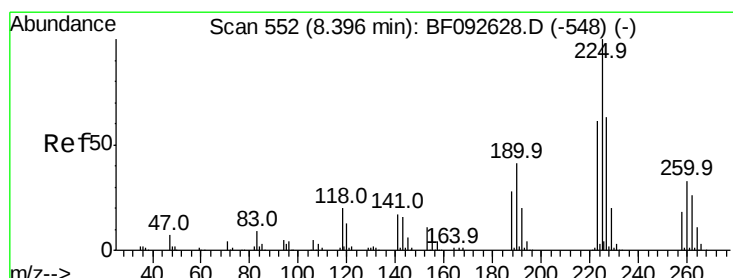
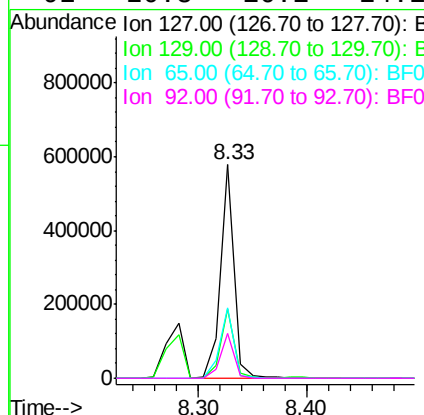
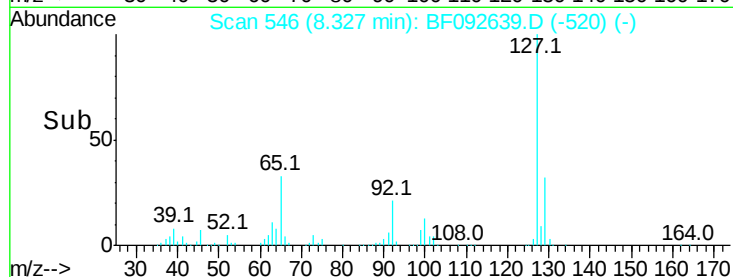
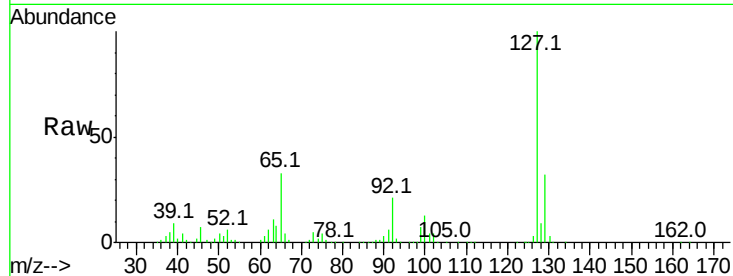
#33
4-Chloroaniline
Concen: 40.76 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.3	39.5	
65	33.2	25.8	38.8	
92	20.8	16.1	24.1	

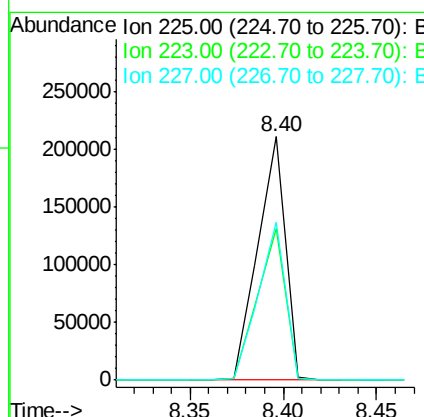
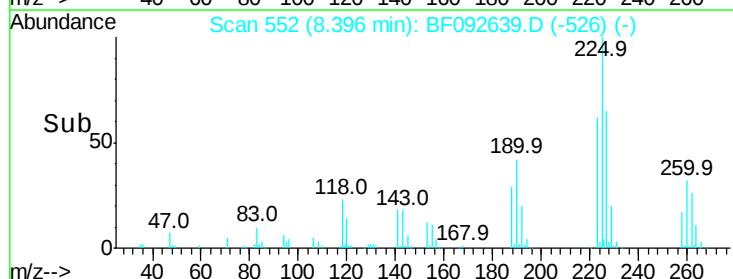
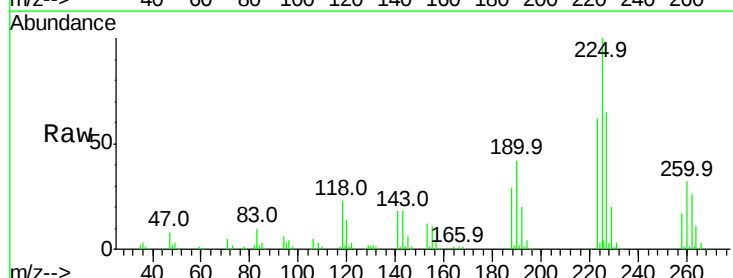
Manual Integrations
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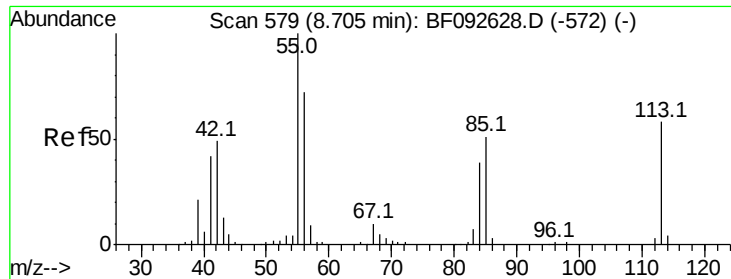
mohammad
1/31/2017 4:45:04 PM



#34
Hexachlorobutadiene
Concen: 40.18 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	51.0	76.6	
227	64.9	50.6	76.0	





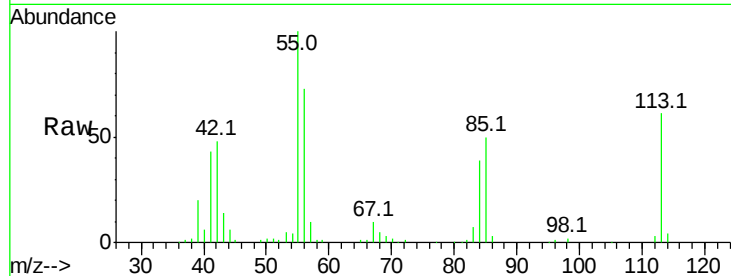
#35
 Caprolactam
 Concen: 42.70 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.0	119.2	159.2#
56	120.8	83.8	123.8

Manual Integrations
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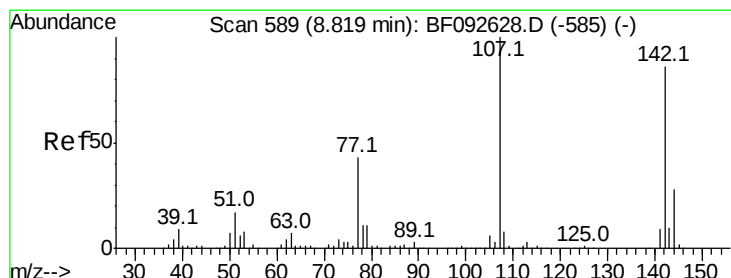
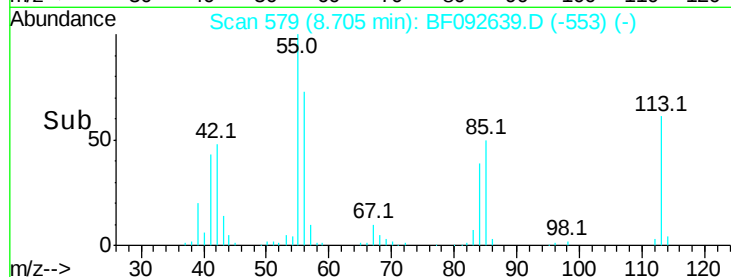
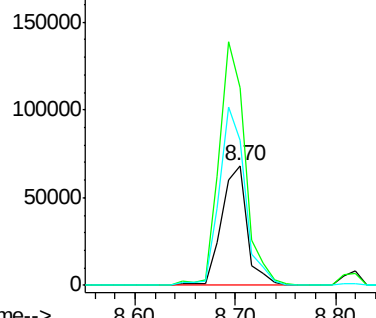
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

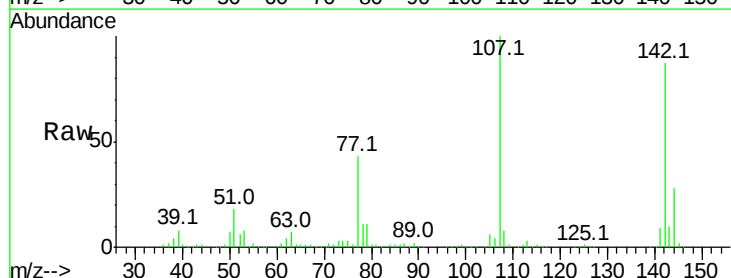
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 41.10 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

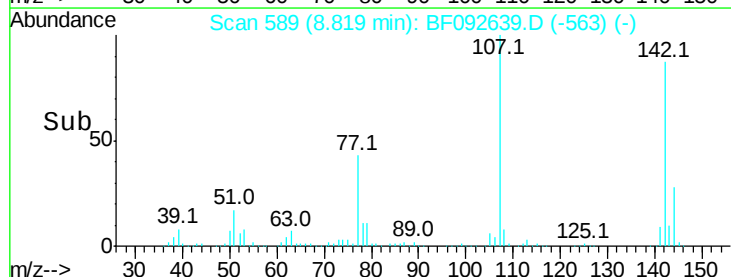
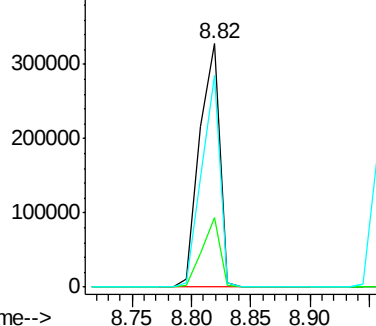
Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	19.3	28.9
142	87.0	59.0	88.6

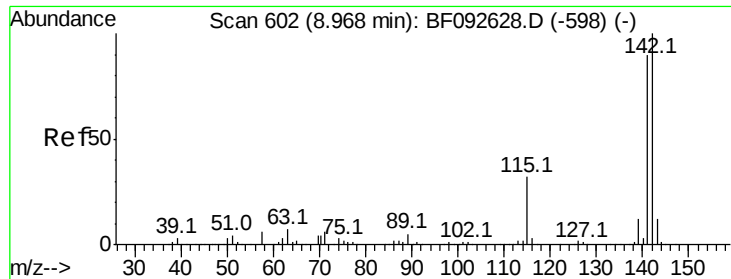


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





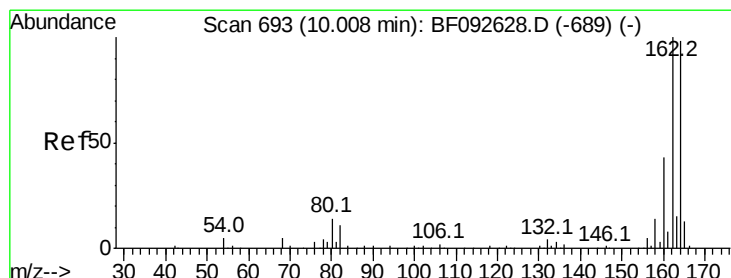
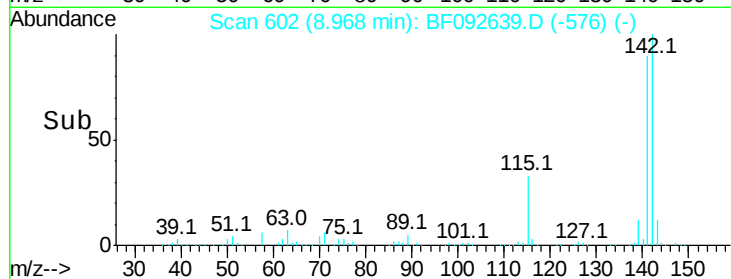
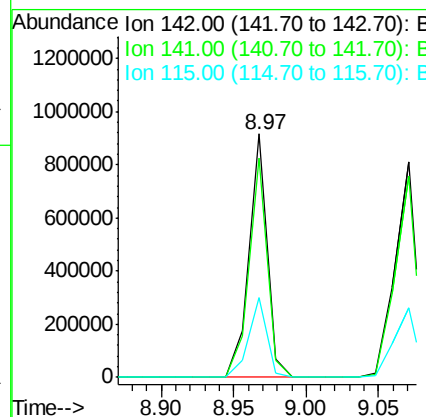
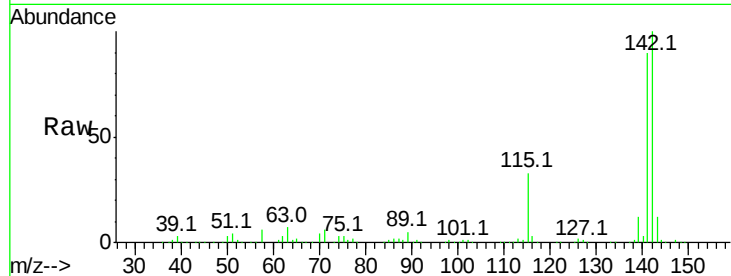
#37
2-Methylnaphthalene
Concen: 39.14 ng
RT: 8.97 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	33.0	28.3	42.5

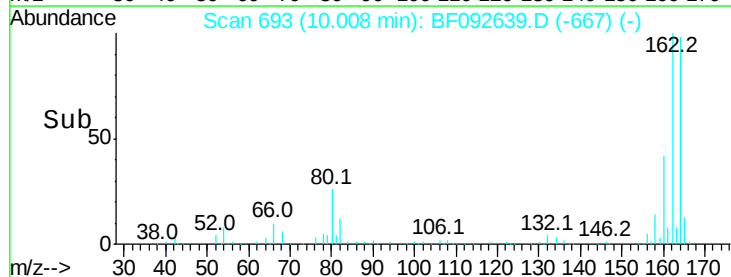
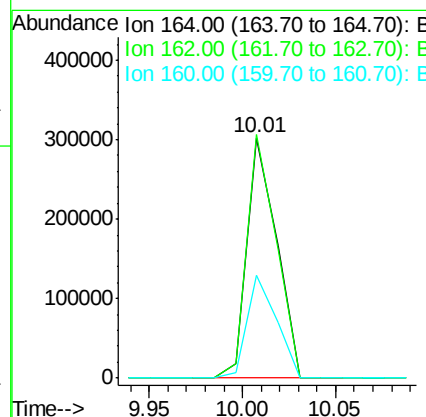
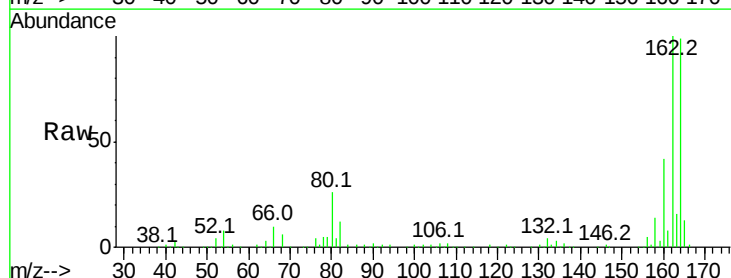
Manual Integrations
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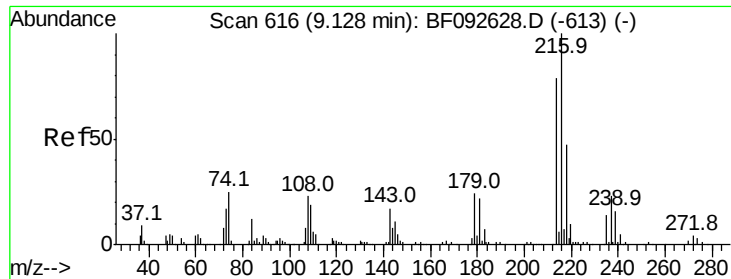
mohammad
1/31/2017 4:45:04 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	43.1	36.9	55.3





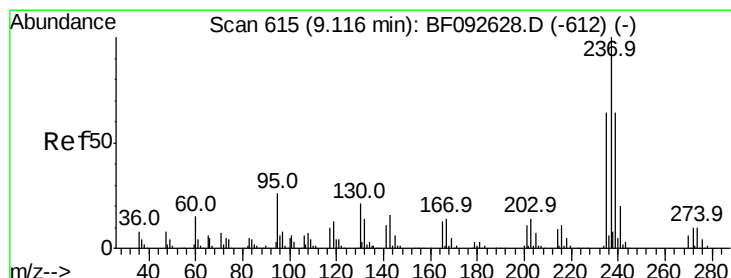
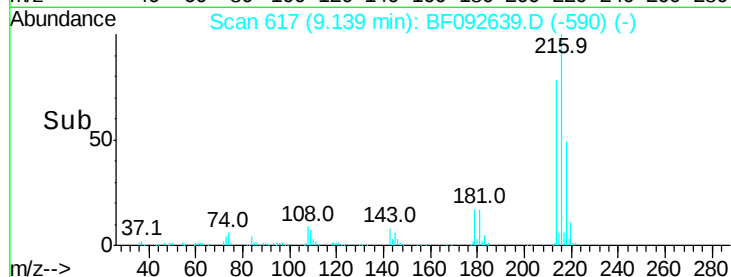
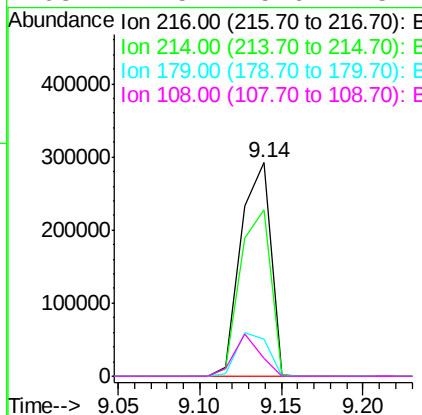
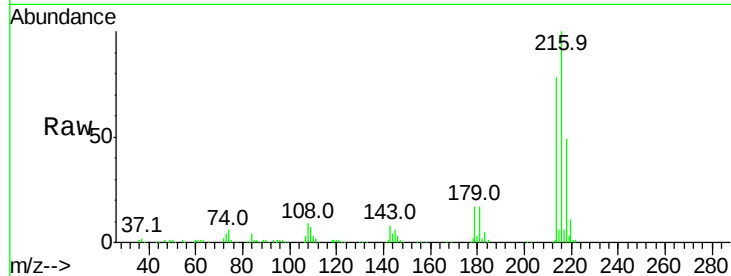
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.54 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tot Ion:	216	Resp:	370669
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.4	95.0
179	20.9	17.4	26.2
108	17.5	15.6	23.4

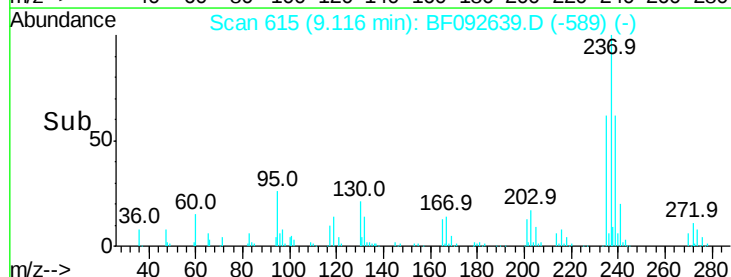
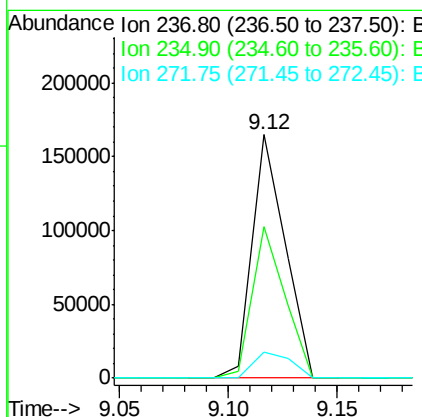
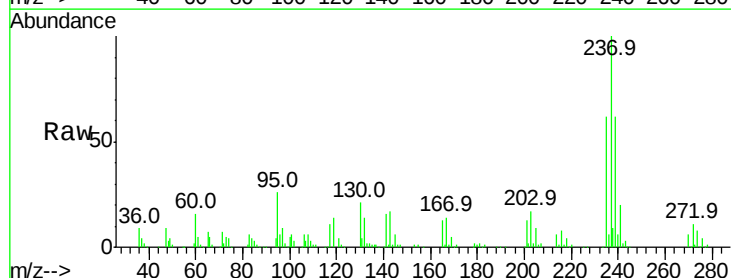
Manual Integrations
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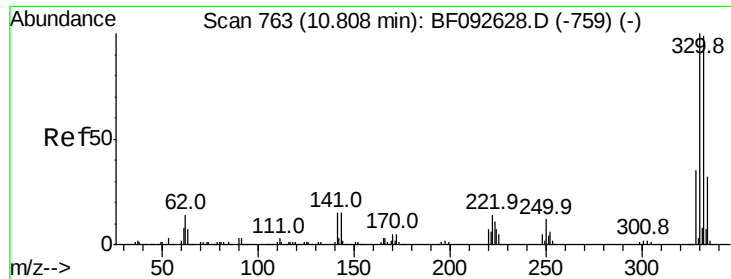
mohammad
 1/31/2017 4:45:04 PM



#40
 Hexachlorocyclopentadiene
 Concen: 41.22 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Tgt Ion:	237	Resp:	174354
Ion Ratio	Lower	Upper	
237	100		
235	62.4	41.2	81.2
272	10.8	0.0	35.4





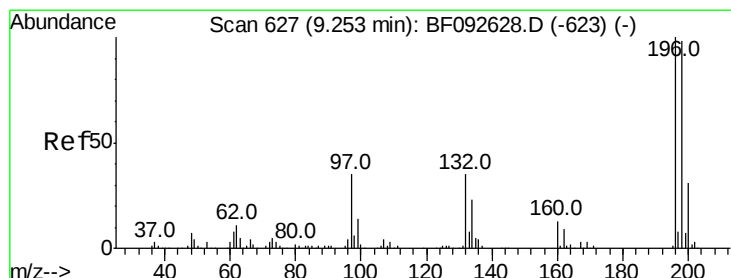
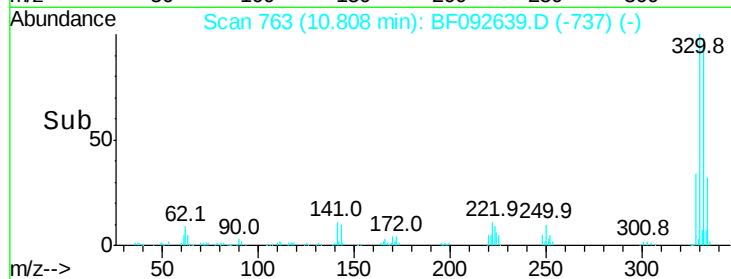
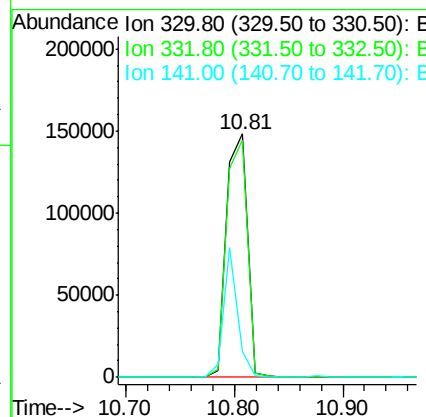
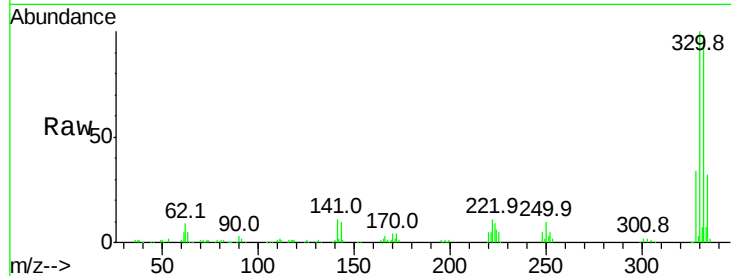
#41
 2,4,6-Tribromophenol
 Concen: 82.14 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	198394		
332	97.4		77.4	116.2
141	35.8		34.1	51.1

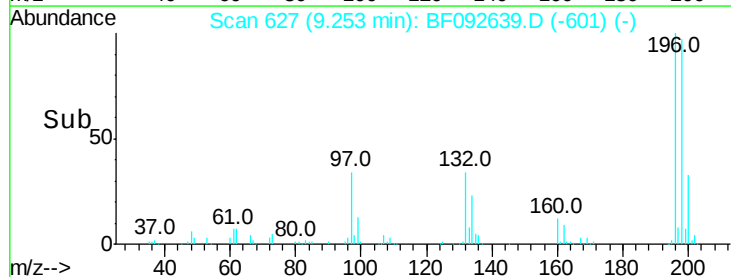
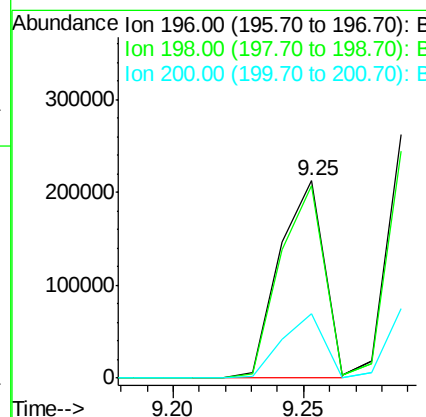
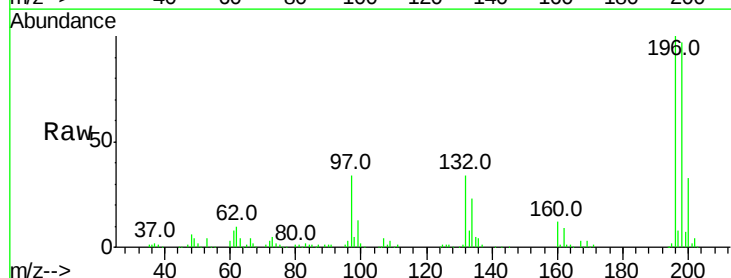
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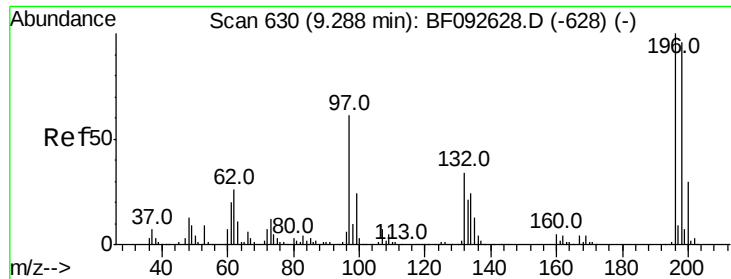
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 41.20 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253795		
198	97.4		82.1	123.1
200	32.5		27.0	40.4





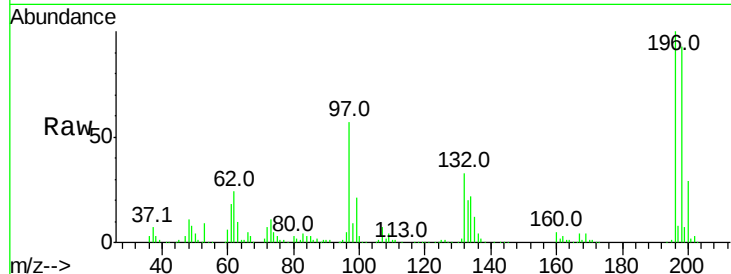
#43
 2,4,5-Trichlorophenol
 Concen: 39.81 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

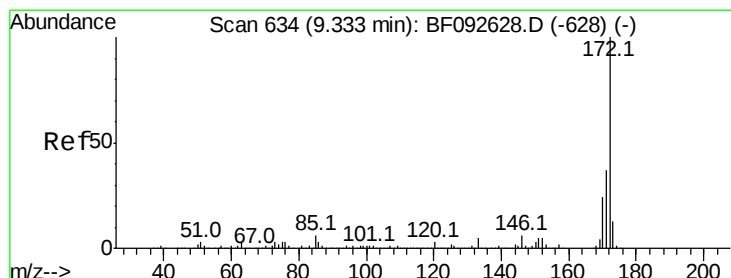
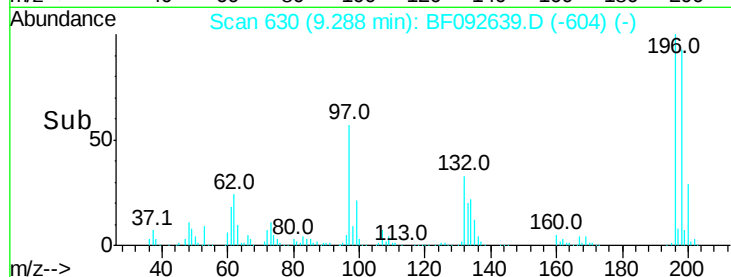
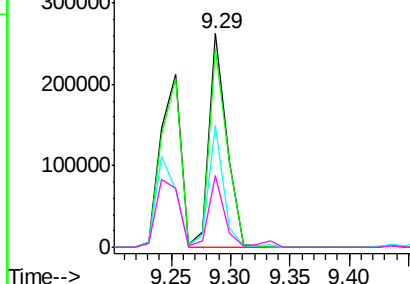
Tot Ion:	196	Resp:	268653
Ion Ratio	Lower	Upper	
196	100		
198	93.2	79.4	119.2
97	56.9	51.5	77.3
132	33.4	27.4	41.2

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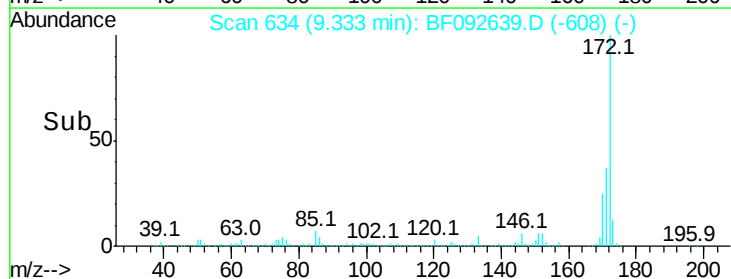
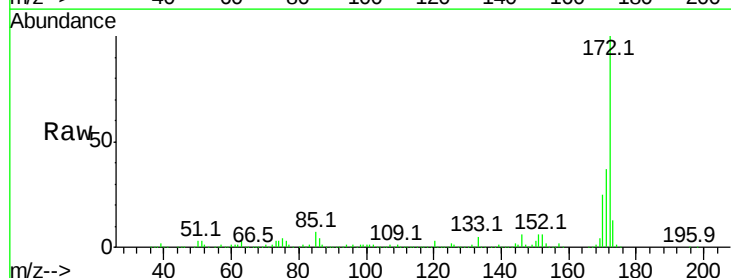
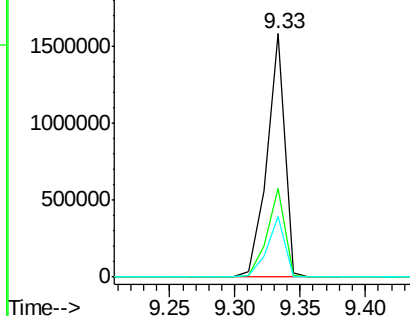
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

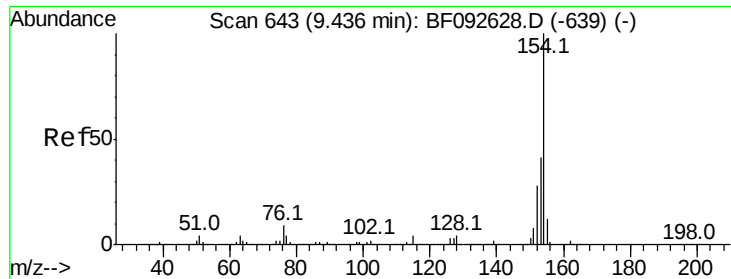


#44
 2-Fluorobiphenyl
 Concen: 82.08 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Tgt Ion:	172	Resp:	1513052
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.4	44.0
170	24.7	20.2	30.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.30 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1022841

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

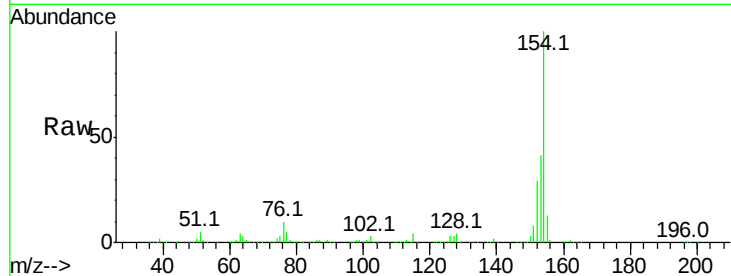
76 9.9 0.0 30.5

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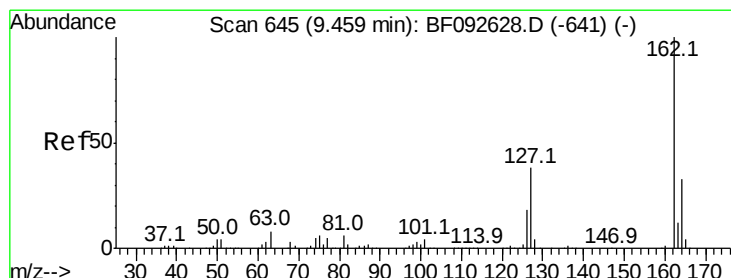
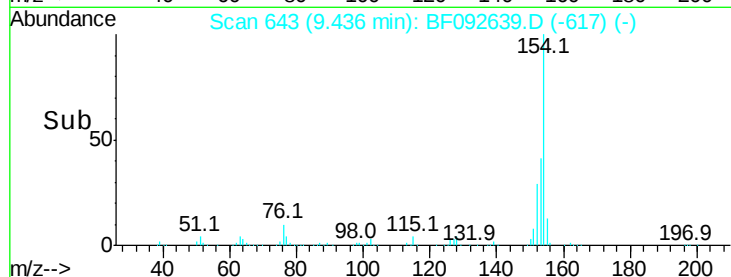
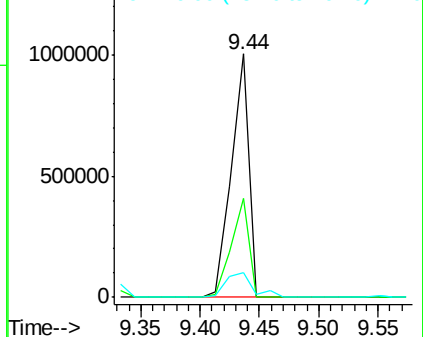
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.82 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

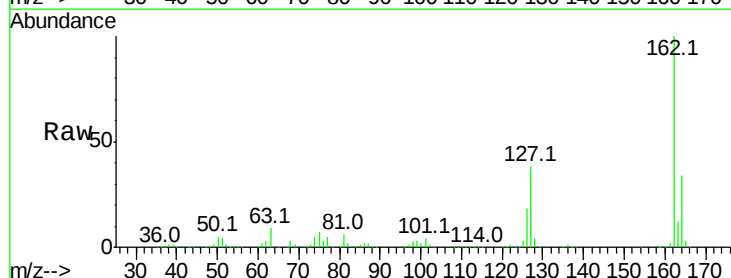
Tgt Ion:162 Resp: 809941

Ion Ratio Lower Upper

162 100

127 38.1 30.7 46.1

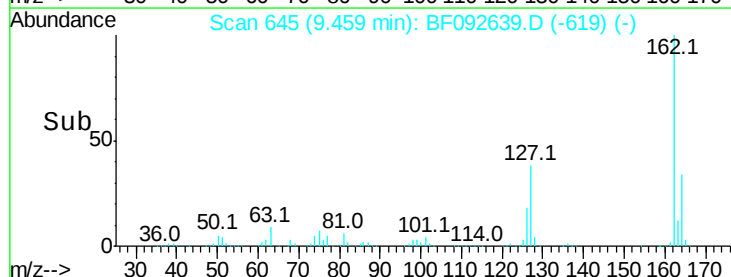
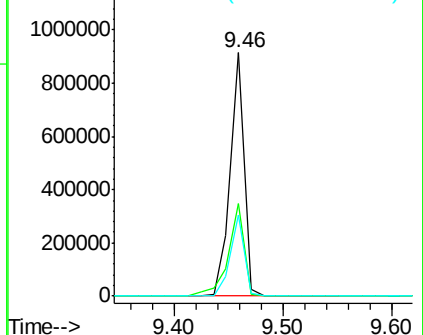
164 33.5 27.6 41.4

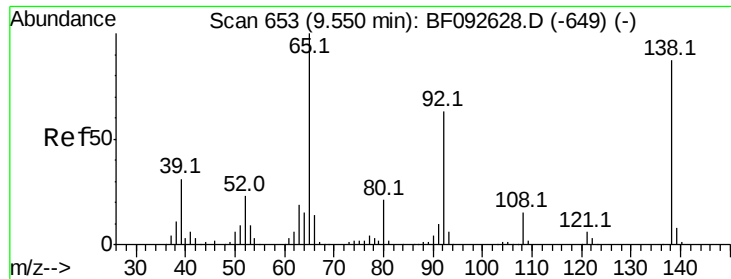


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





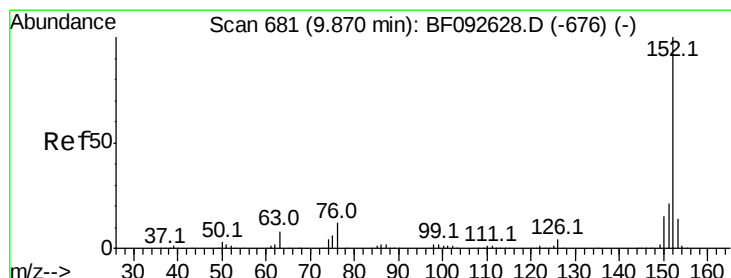
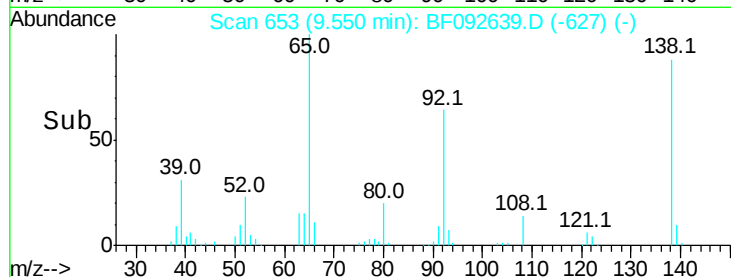
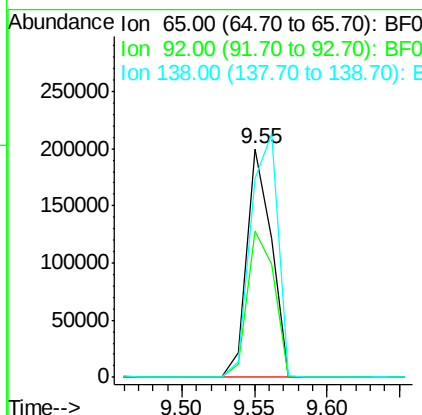
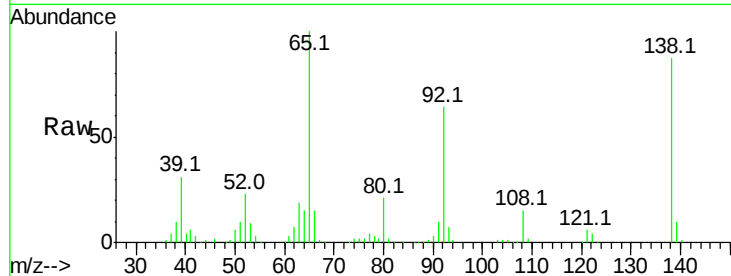
#47
2-Nitroaniline
Concen: 37.14 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.8	53.9	80.9
138	87.1	76.8	115.2

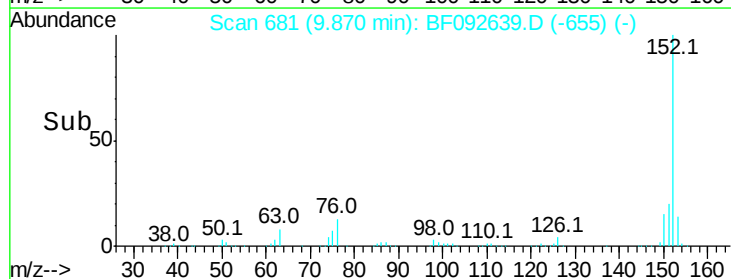
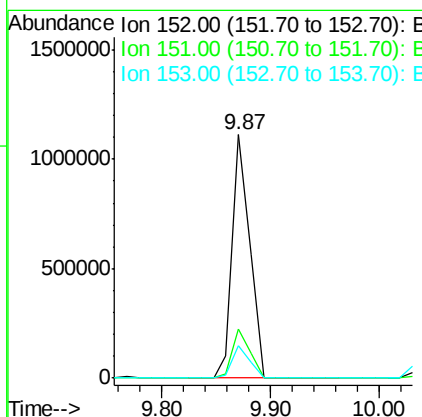
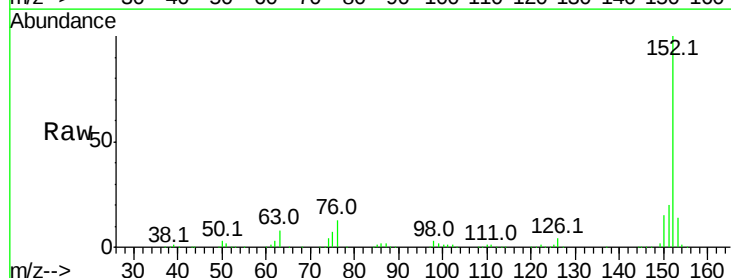
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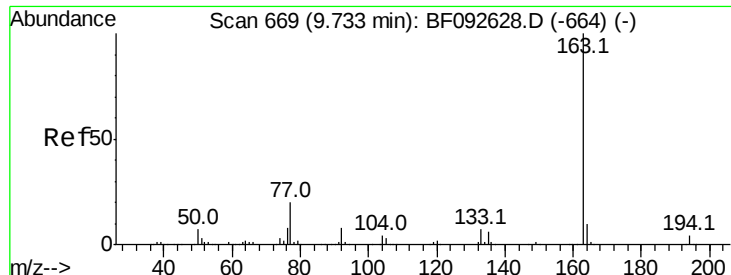
mohammad
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#48
Acenaphthylene
Concen: 37.42 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.6	11.4	17.2





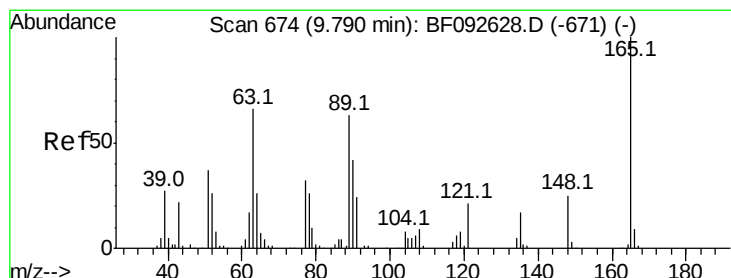
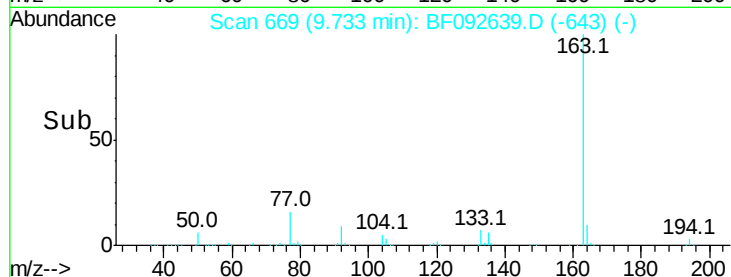
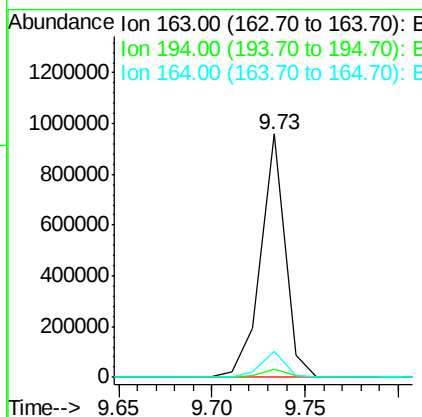
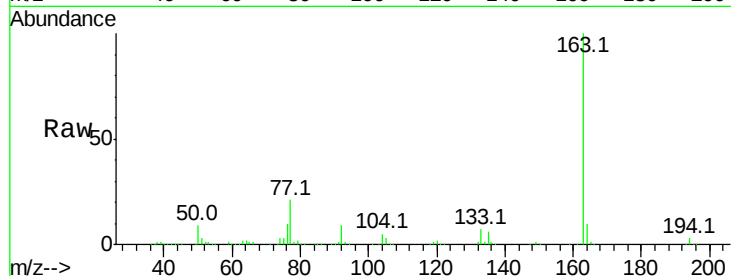
#49
Dimethylphthalate
Concen: 38.59 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	163	Resp	868042
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.4
164	10.5	8.0	12.0

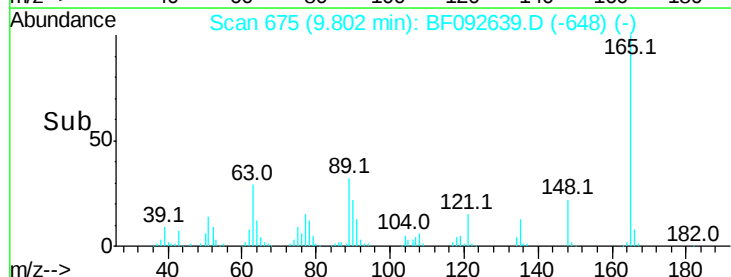
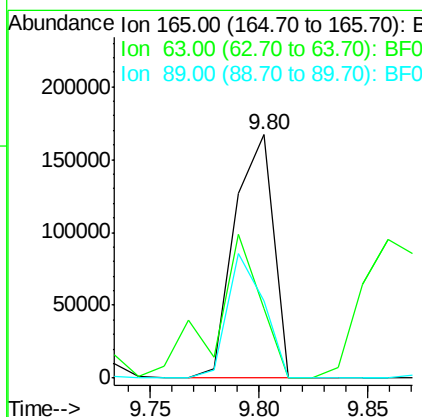
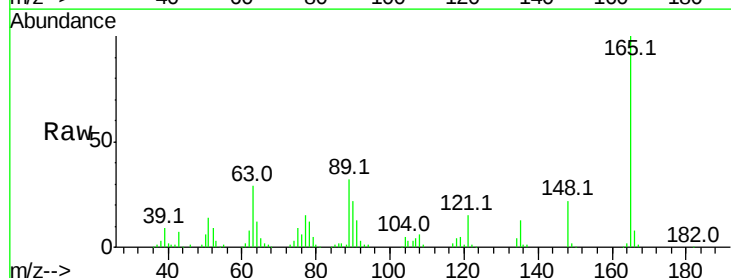
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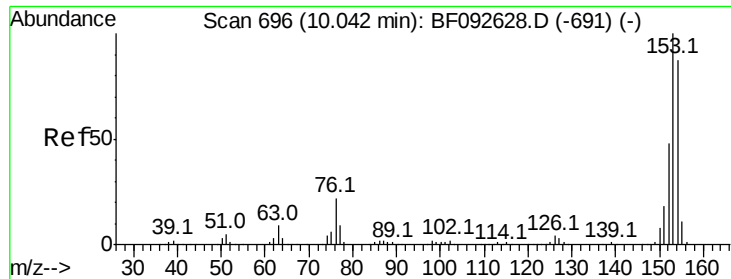
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.38 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	165	Resp	205876
Ion Ratio	Lower	Upper	
165	100		
63	28.7	36.2	54.4#
89	31.8	40.2	60.4#





#51

Acenaphthene

Concen: 37.28 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 728332

Ion Ratio Lower Upper

154 100

153 112.6 88.6 133.0

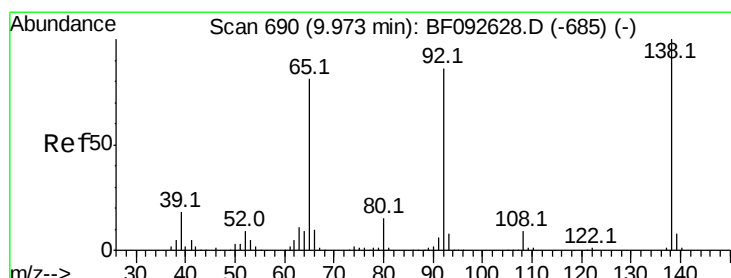
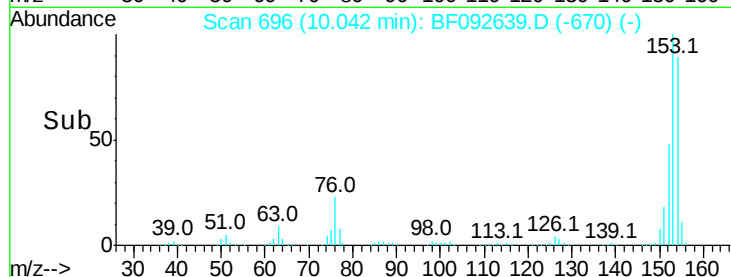
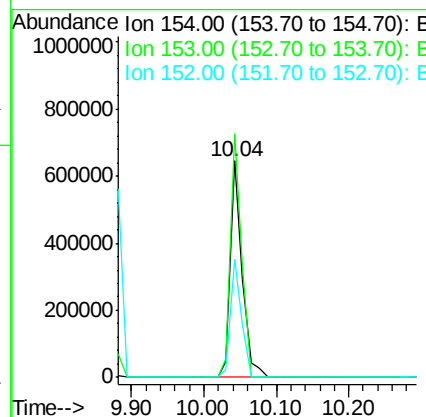
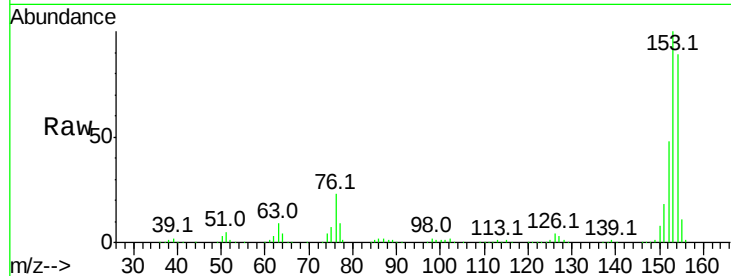
152 54.4 41.6 62.4

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#52

3-Nitroaniline

Concen: 43.25 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

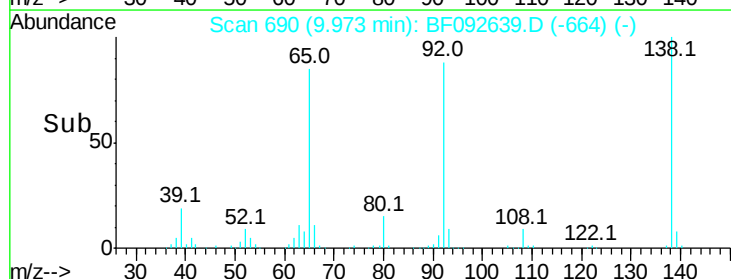
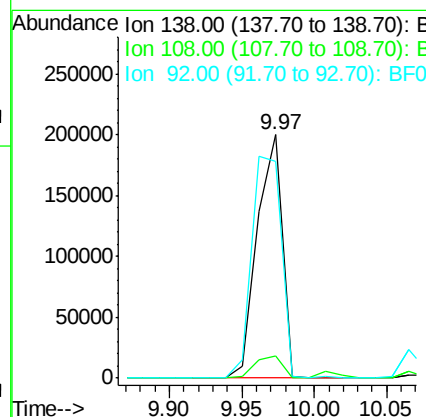
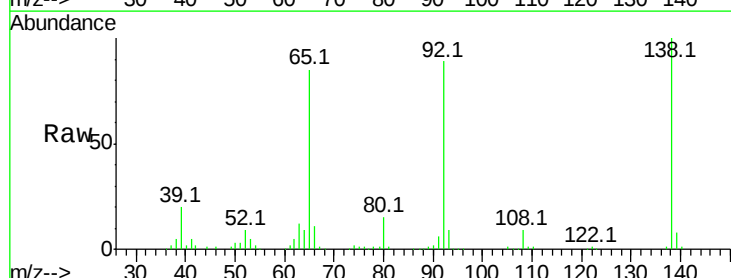
Tgt Ion:138 Resp: 240463

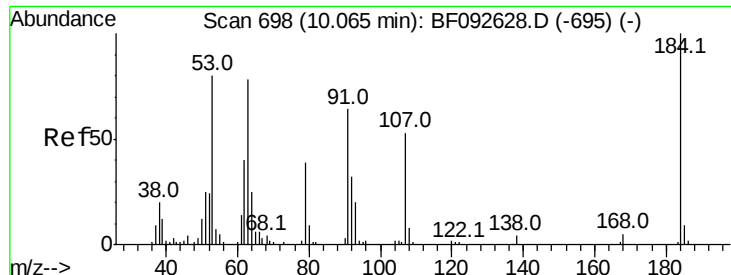
Ion Ratio Lower Upper

138 100

108 9.1 8.5 12.7

92 89.0 97.8 146.8#





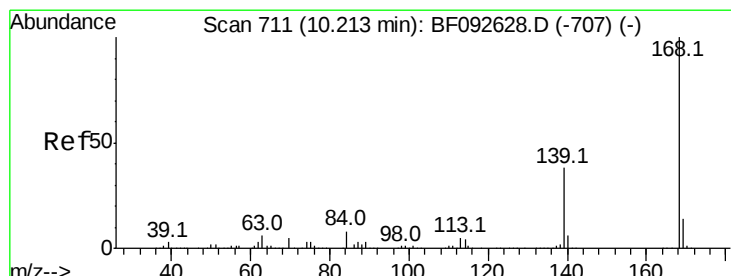
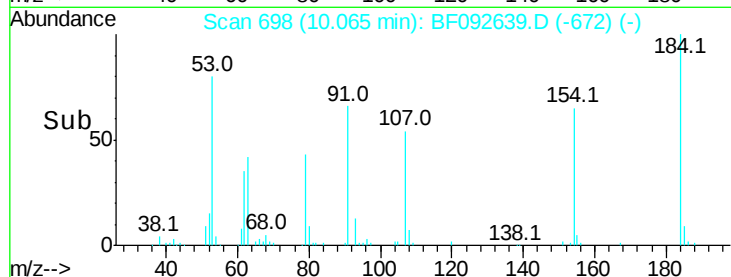
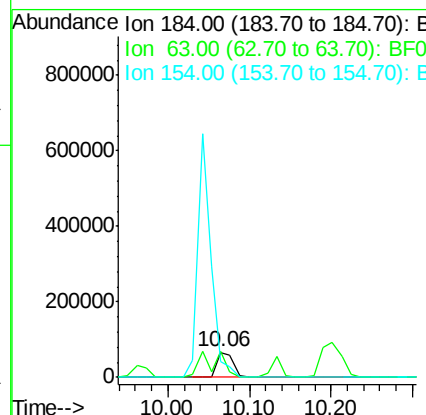
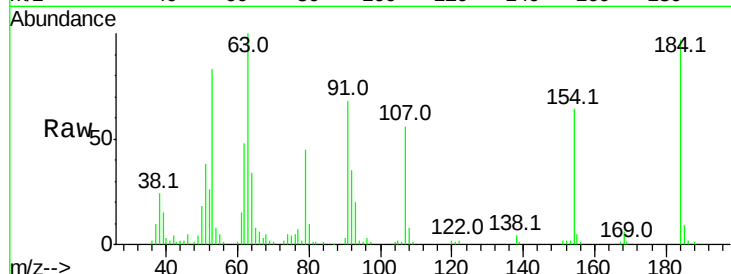
#53
 2,4-Dinitrophenol
 Concen: 39.63 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	102.7	28.4	42.6#
154	65.4	44.3	66.5

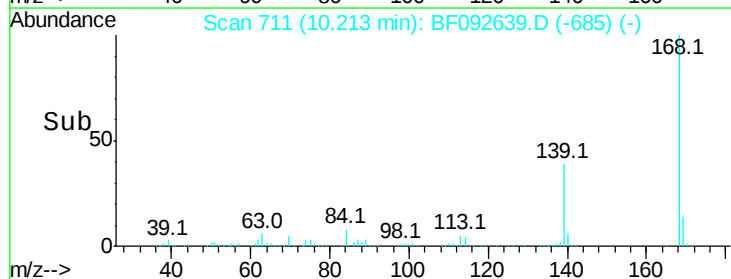
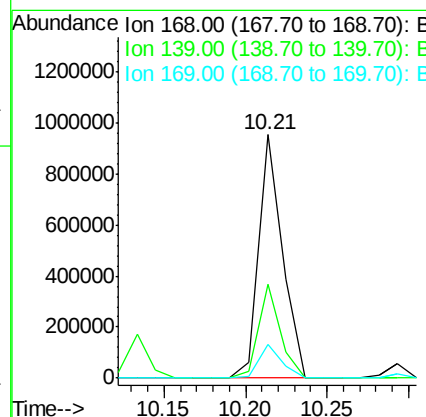
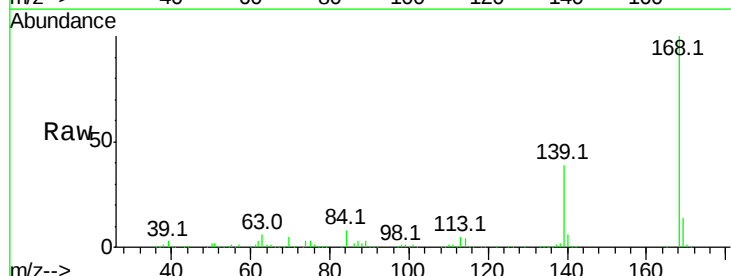
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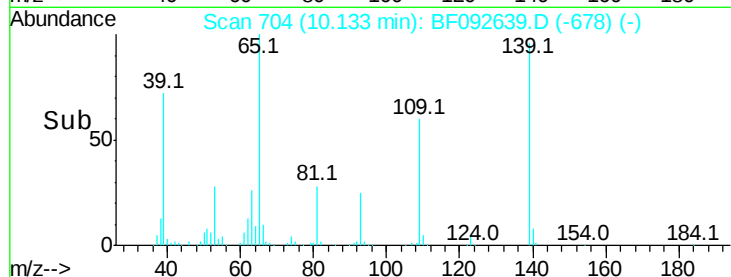
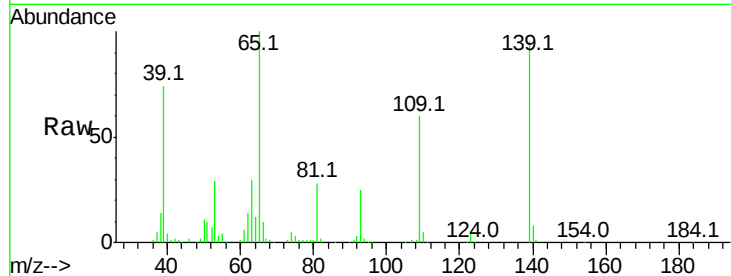
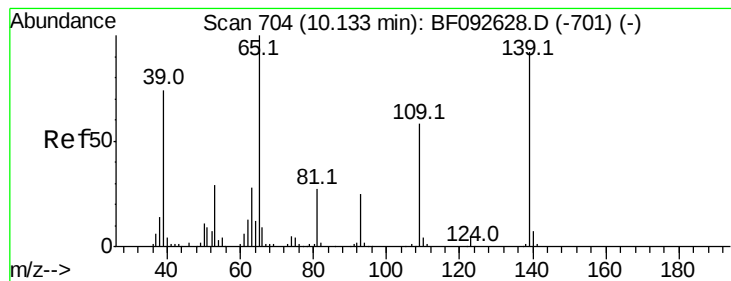
mohammad
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#54
 Dibenzofuran
 Concen: 36.88 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.6	49.0
169	14.0	11.3	16.9





#55

4-Nitrophenol

Concen: 38.91 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tot Ion:139	Resp:	155777
Ion Ratio	Lower	Upper
139	100	
109	62.8	52.2 92.2
65	104.8	85.8 125.8

Instrument :

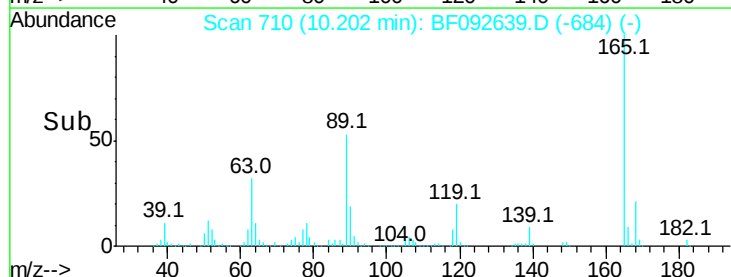
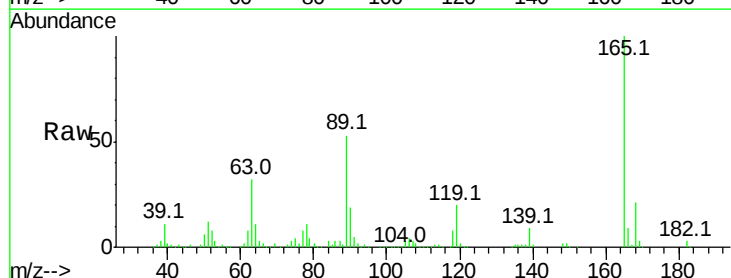
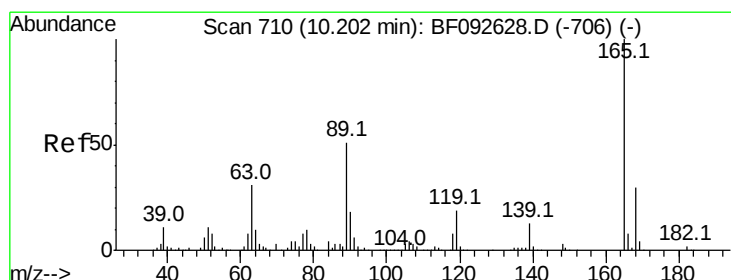
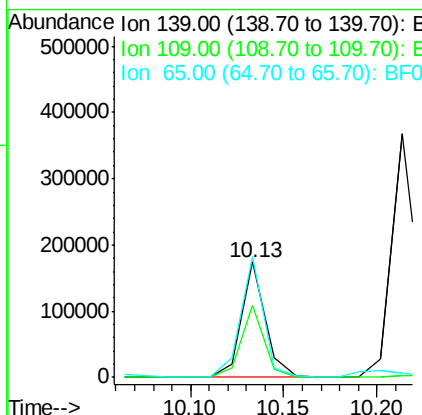
BNA_F

ClientSampleId :

SSTDCCC040EC

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#56

2,4-Dinitrotoluene

Concen: 45.05 ng

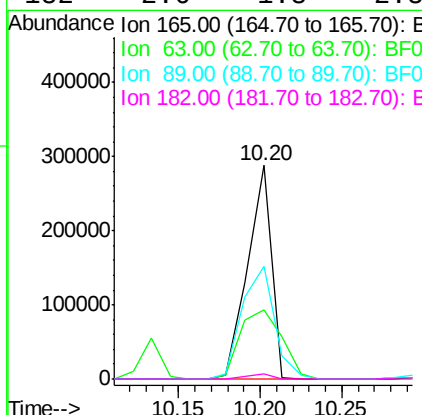
RT: 10.20 min Scan# 710

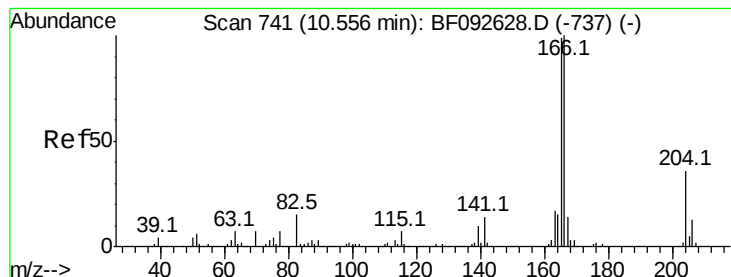
Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion:165	Resp:	291352
Ion Ratio	Lower	Upper
165	100	
63	32.3	40.2 60.4#
89	52.9	62.5 93.7#
182	2.6	1.8 2.8





#57

Fluorene

Concen: 38.48 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 773648

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

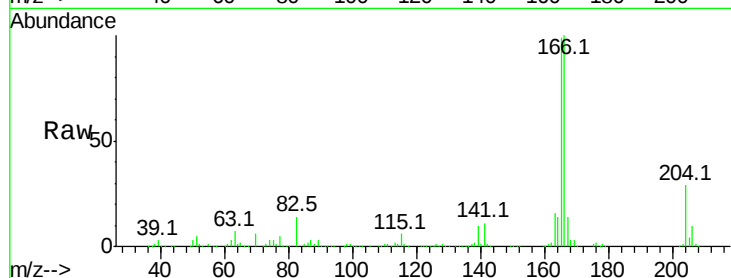
167 13.6 10.8 16.2

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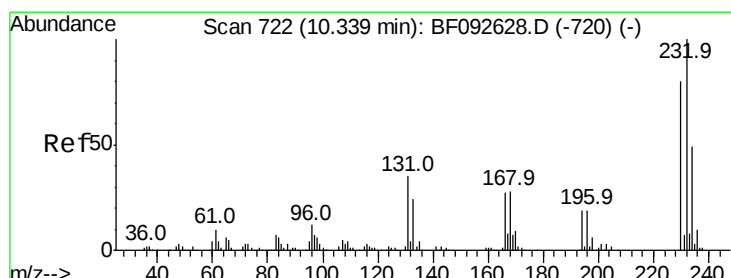
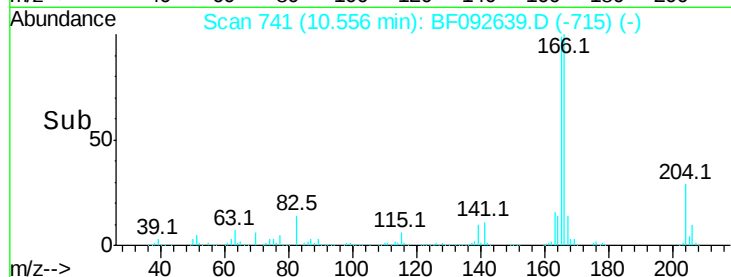
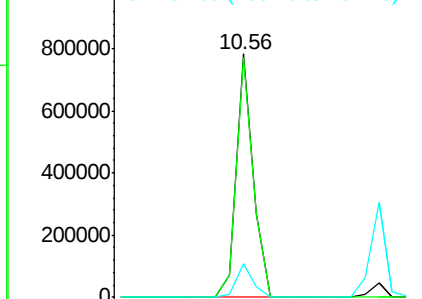


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.93 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion:232 Resp: 202283

Ion Ratio Lower Upper

232 100

131 43.2 40.1 60.1

130 1.9 1.8 2.8

166 30.0 26.6 39.8

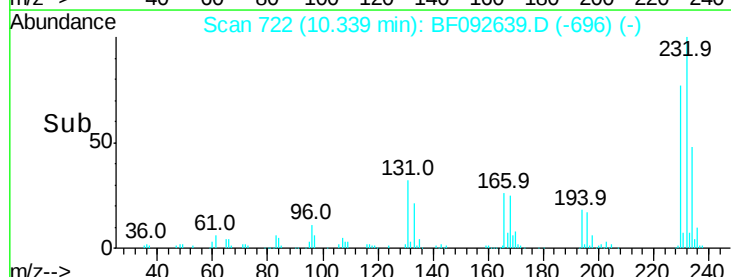
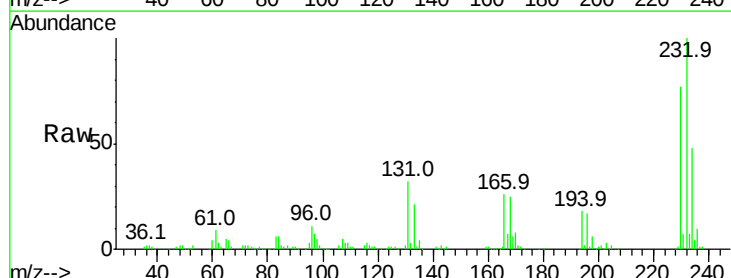
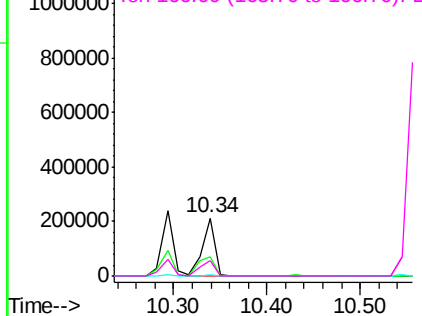
Abundance

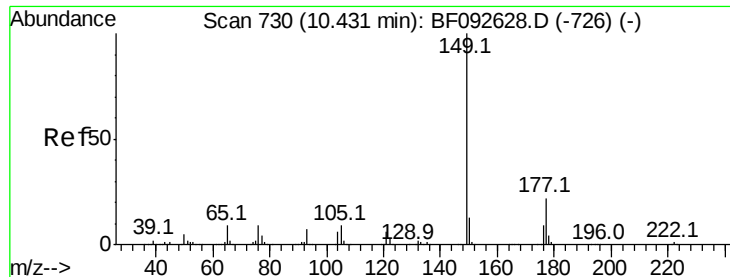
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





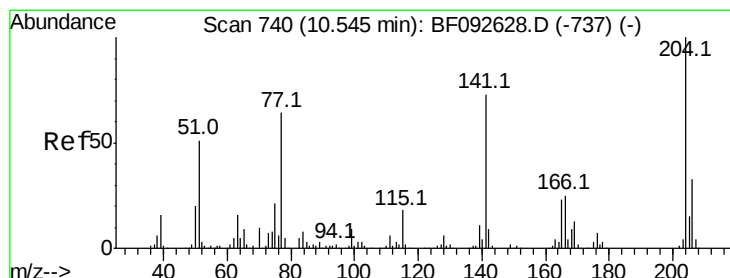
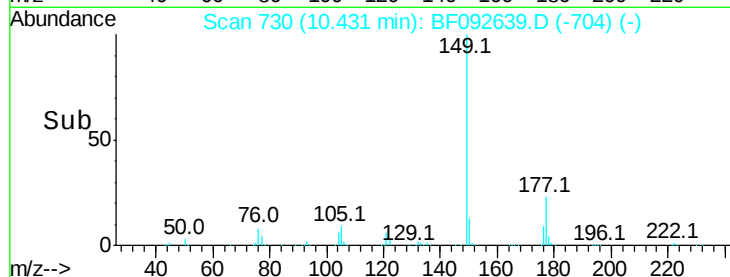
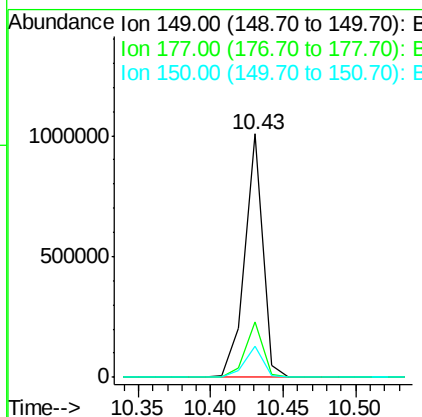
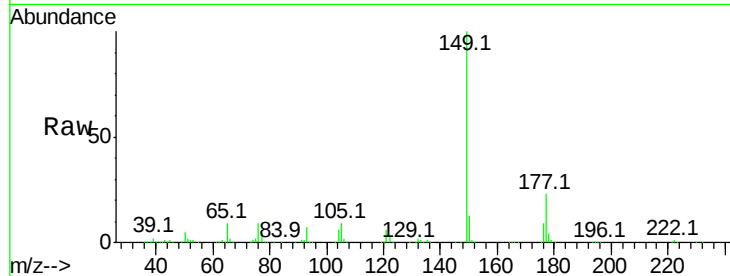
#59
Diethylphthalate
Concen: 41.11 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	871368		
177	22.7	16.6	25.0	
150	12.6	10.4	15.6	

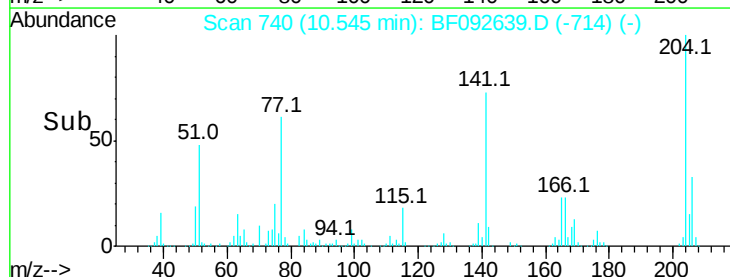
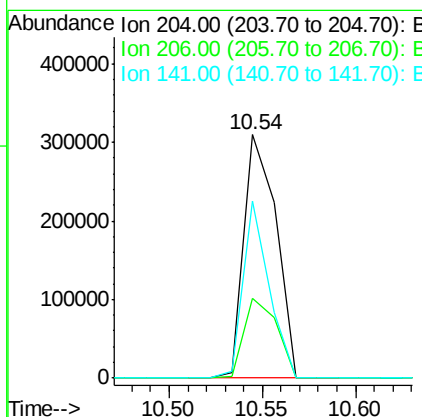
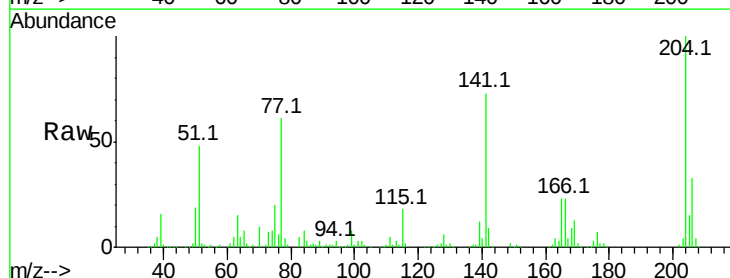
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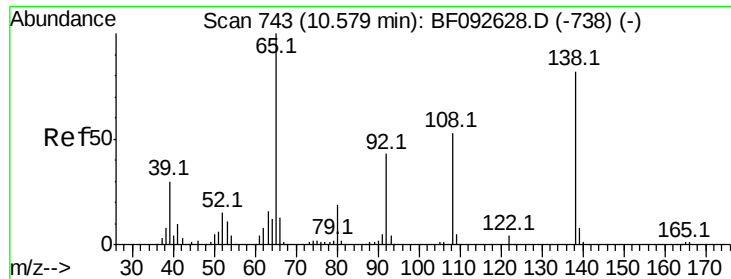
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 38.43 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	371139		
206	32.9	25.8	38.6	
141	72.8	59.4	89.0	





#61

4-Nitroaniline

Concen: 37.64 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:138 Resp: 214339

Ion Ratio Lower Upper

138 100

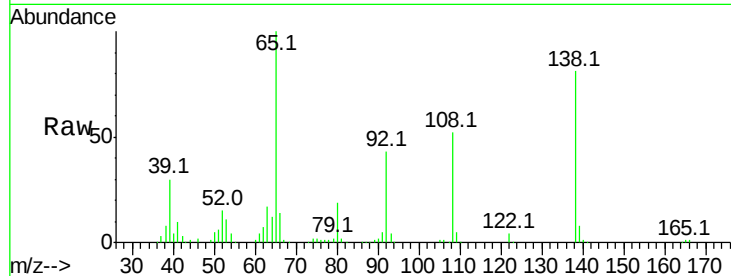
92 53.7 31.7 71.7

108 64.0 52.6 92.6

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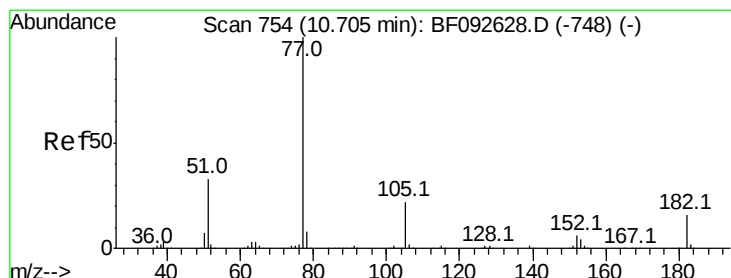
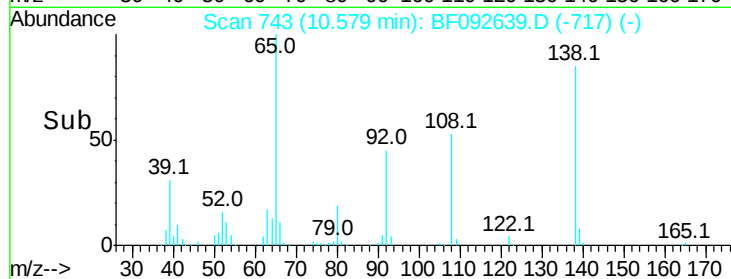
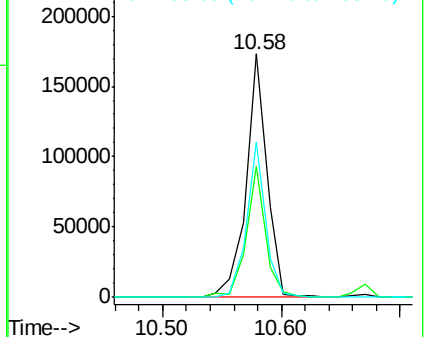
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.54 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion: 77 Resp: 844025

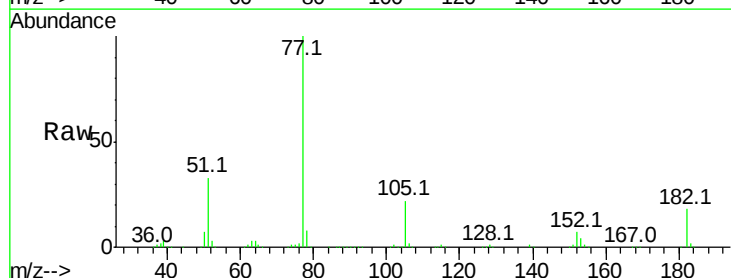
Ion Ratio Lower Upper

77 100

182 17.7 0.0 39.3

105 22.2 2.3 42.3

51 33.3 8.9 48.9

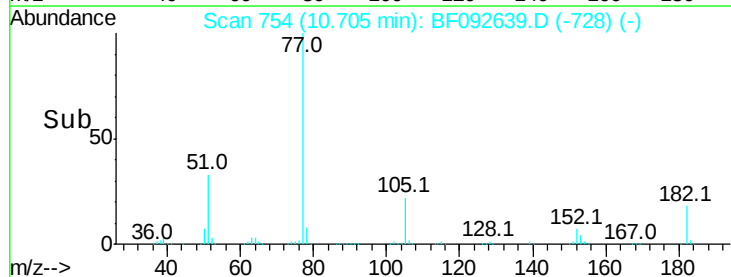
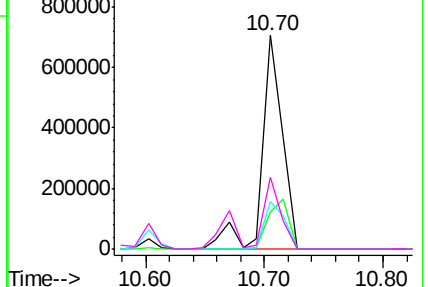


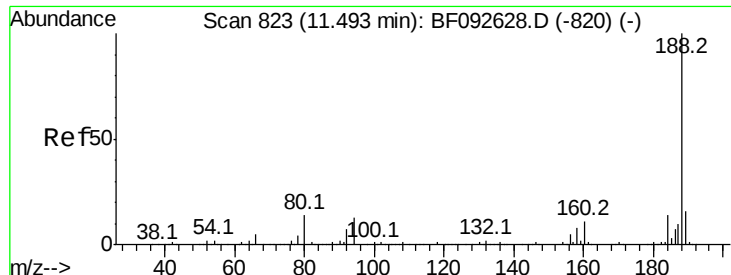
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





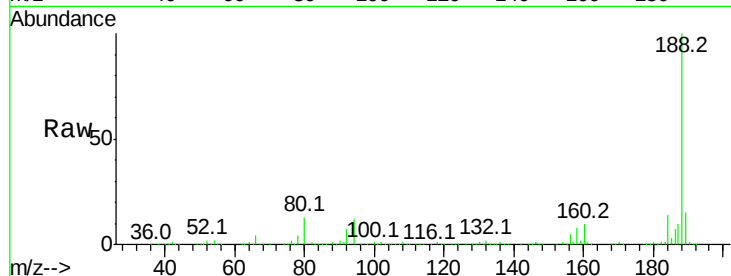
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100	544217		
94	12.0		10.0	15.0
80	12.7		11.2	16.8

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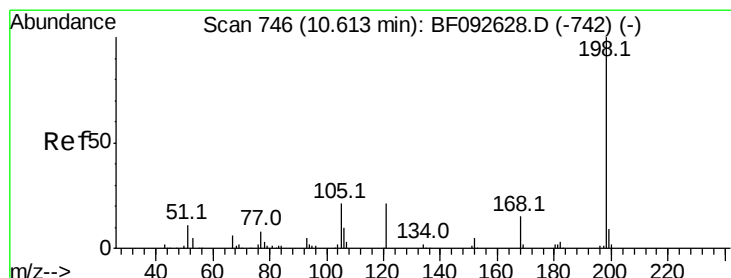
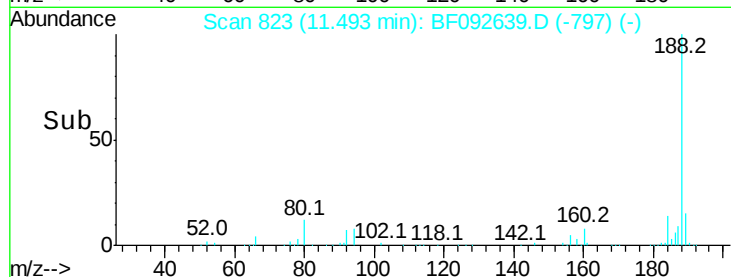
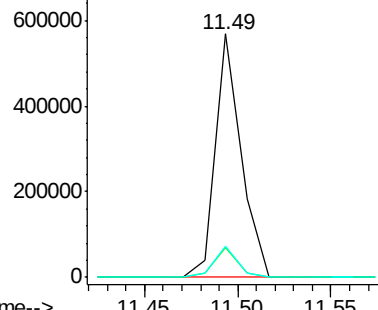
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Abundance Ion 188.00 (187.70 to 188.70): E

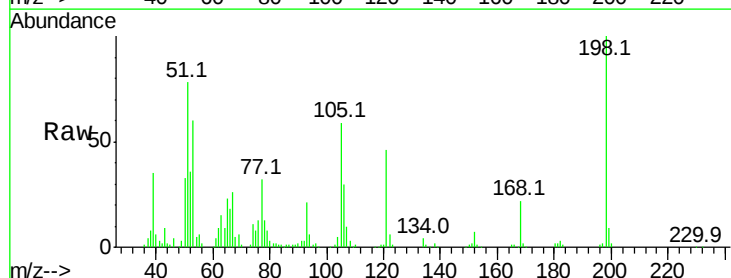
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 39.56 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

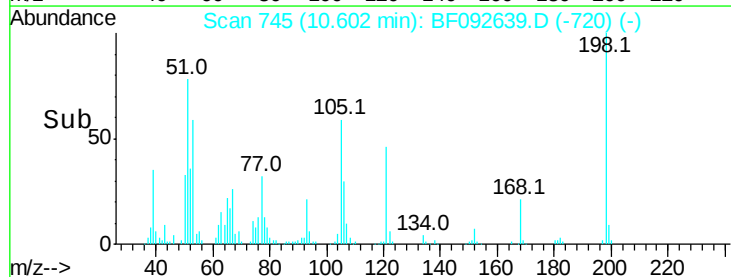
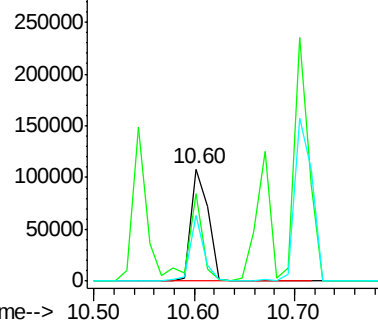
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	129388		
51	78.2		6.7	46.7#
105	59.0		16.6	56.6#

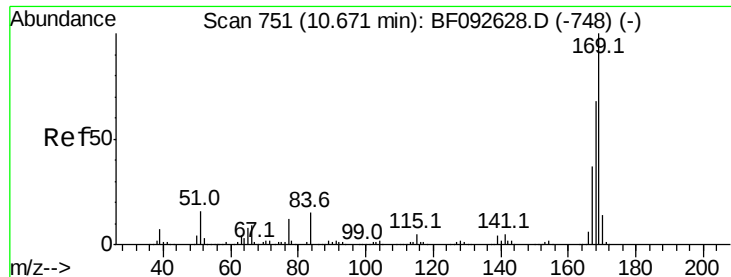


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.55 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:169 Resp: 704999

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

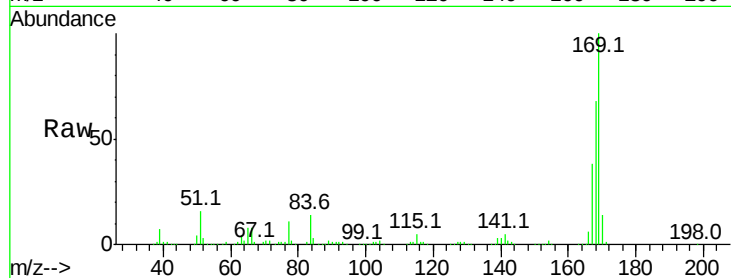
167 37.6 30.2 45.4

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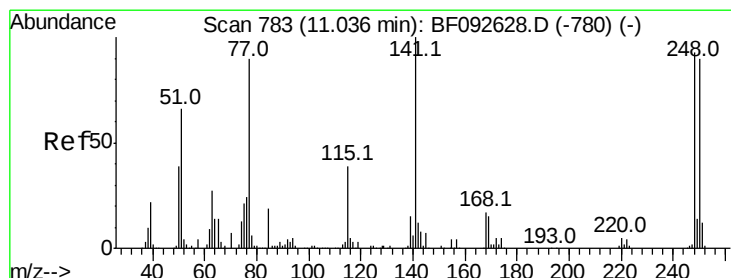
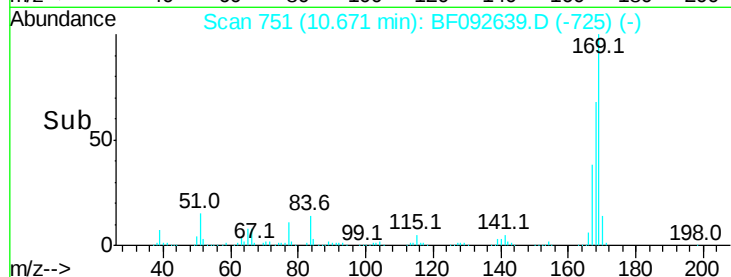
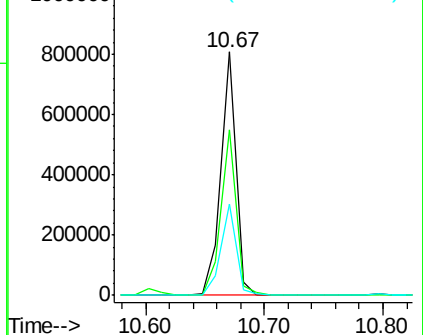
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.76 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

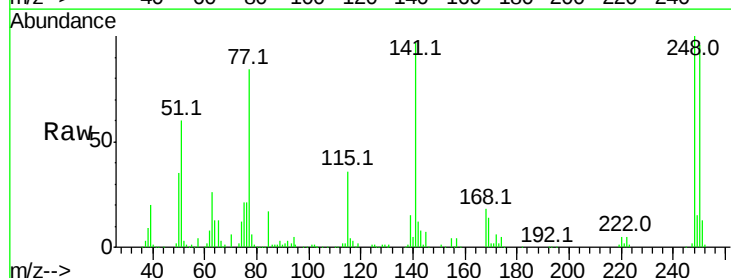
Tgt Ion:248 Resp: 220375

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

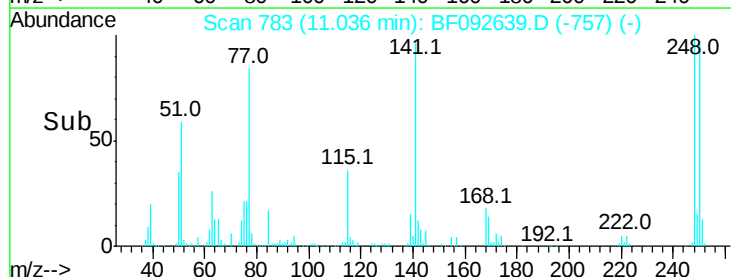
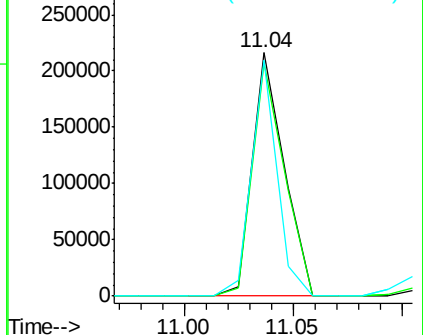
141 96.7 68.2 102.4

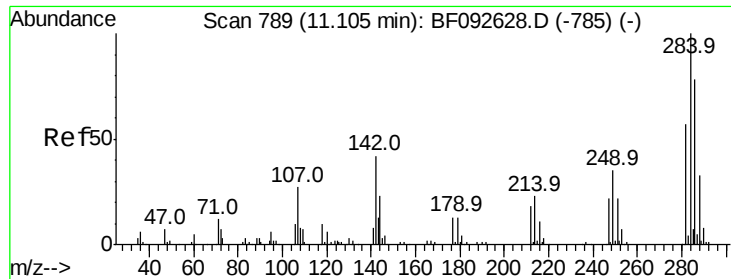


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.62 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

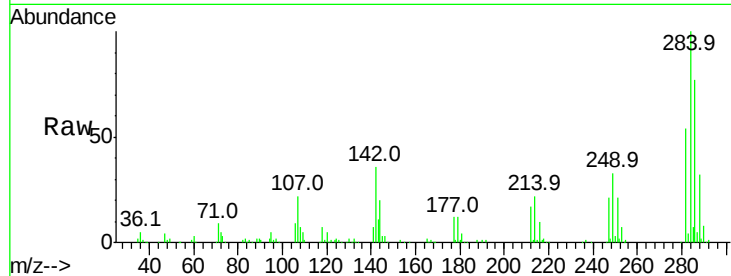
ClientSampleId :

SSTDCCC040EC

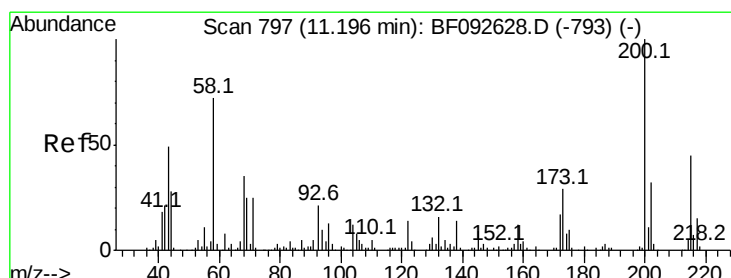
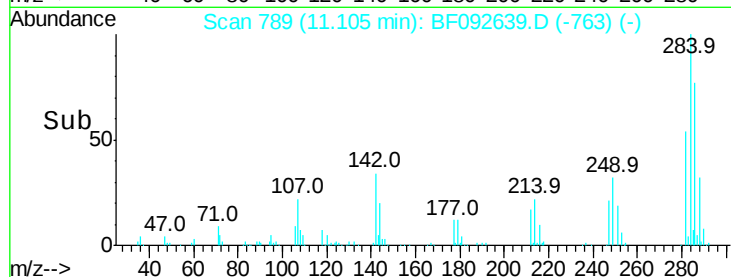
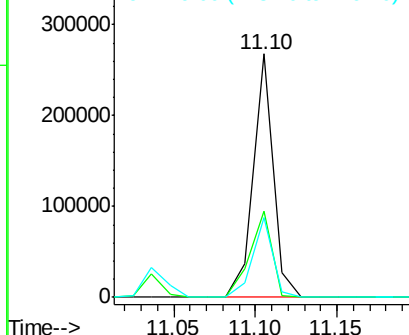
Tot Ion:	284	Resp:	228244
Ion Ratio	Lower	Upper	
284	100		
142	35.6	22.6	33.8#
249	32.8	25.4	38.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.04 ng

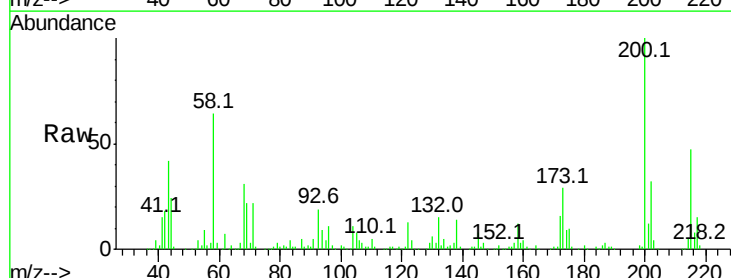
RT: 11.20 min Scan# 797

Delta R.T. -0.00 min

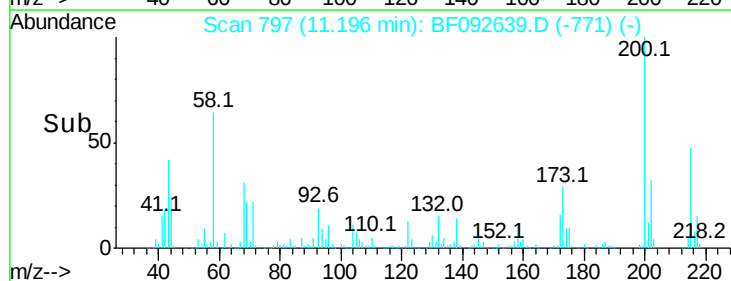
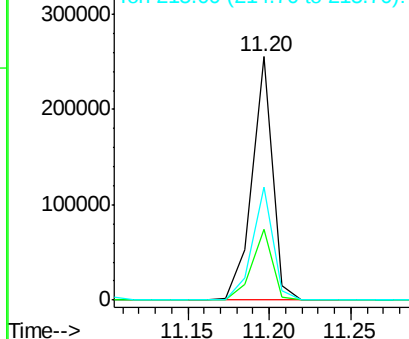
Lab File: BF092639.D

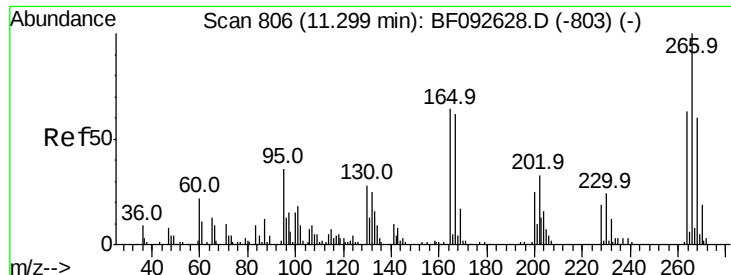
Acq: 30 Jan 2017 17:44

Tgt Ion:	200	Resp:	223403
Ion Ratio	Lower	Upper	
200	100		
173	29.3	9.6	49.6
215	46.6	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





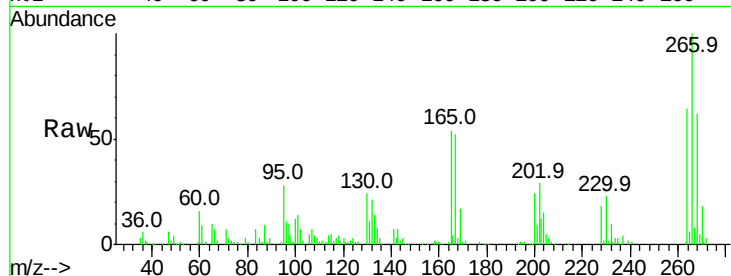
#69
 Pentachlorophenol
 Concen: 41.30 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

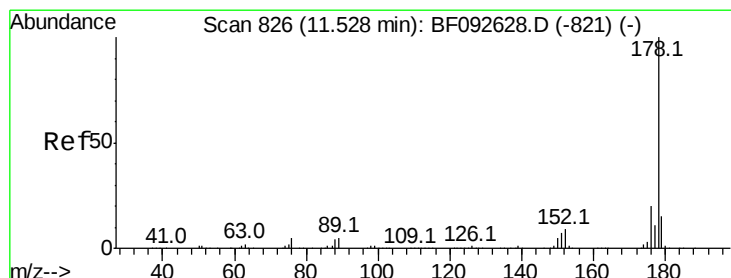
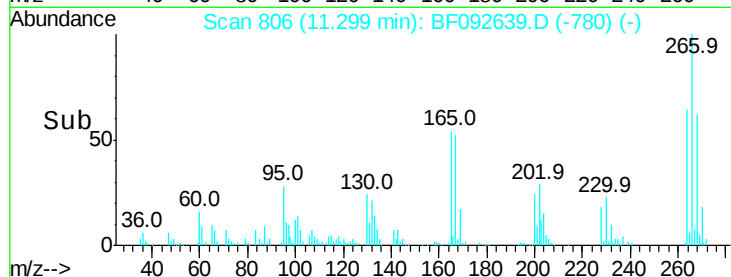
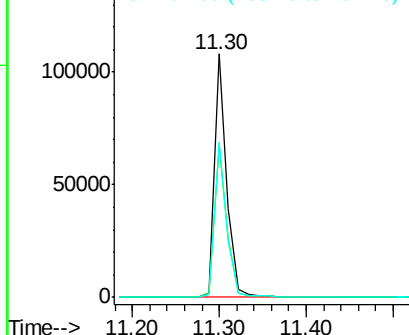
Tot Ion	Ratio	Resp	Lower	Upper
266	100	108694		
268	62.1	53.3	79.9	
264	63.6	50.3	75.5	

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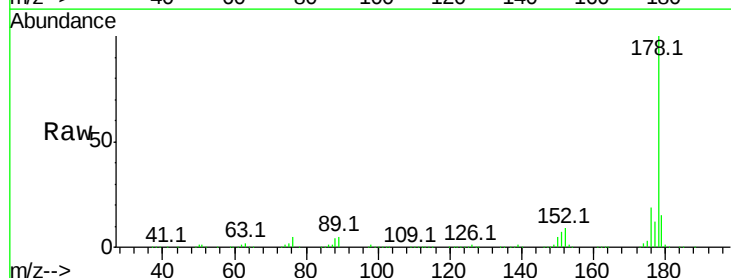


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

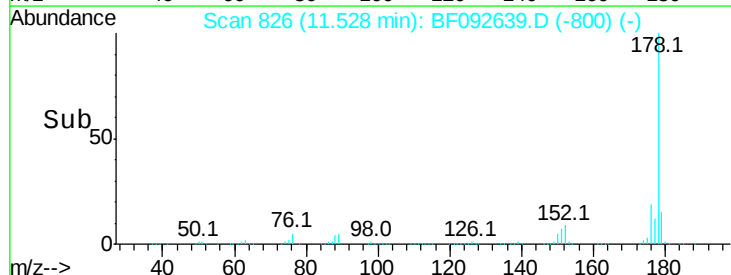
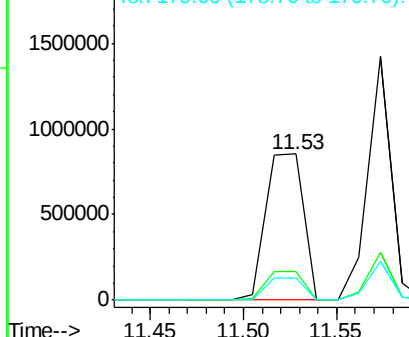


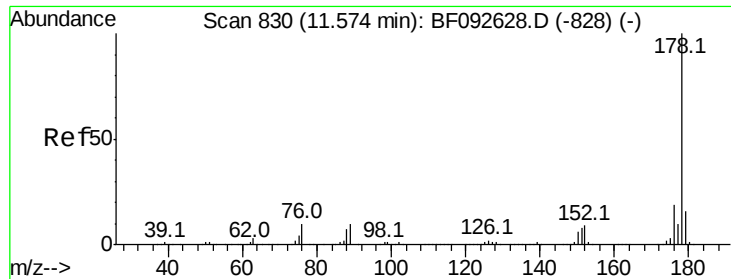
#70
 Phenanthrene
 Concen: 38.50 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1200429		
176	19.2	16.6	25.0	
179	15.1	12.8	19.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 39.18 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

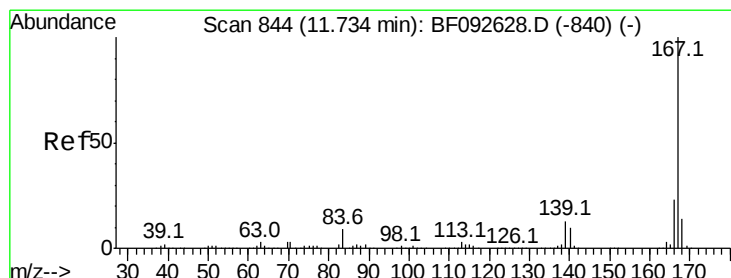
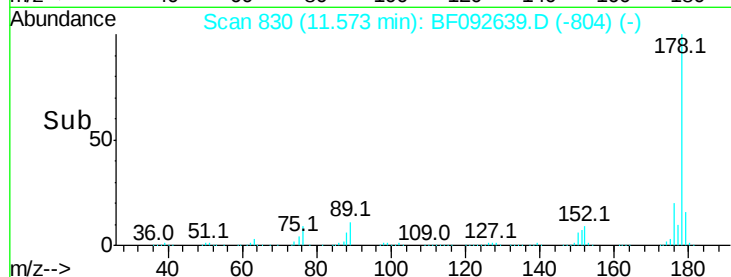
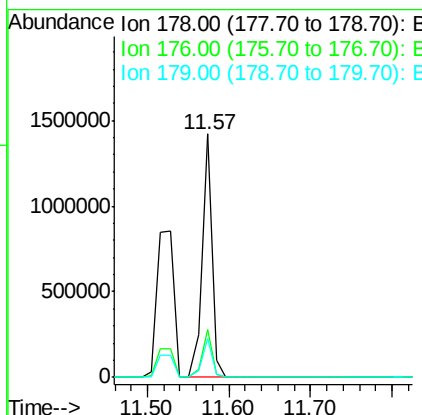
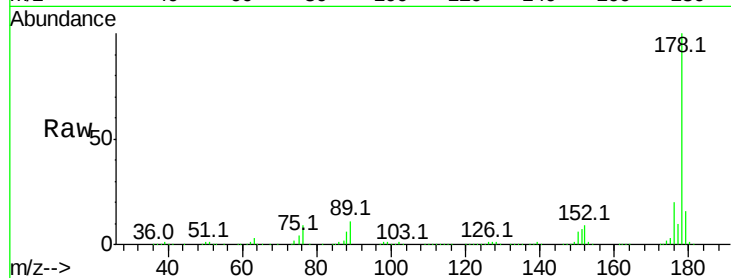
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1226784

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.7	13.2	19.8

Manual Integrations
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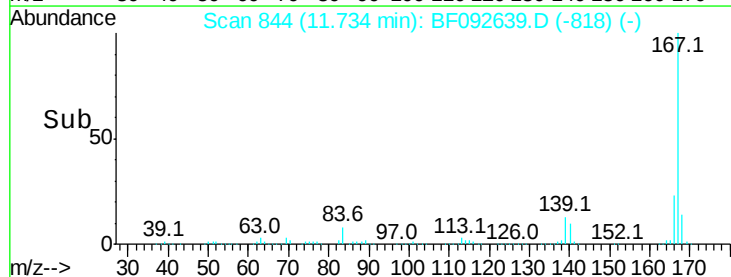
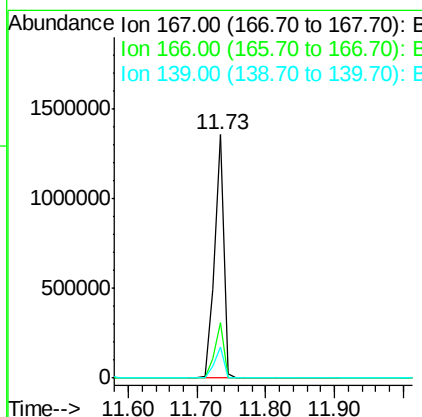
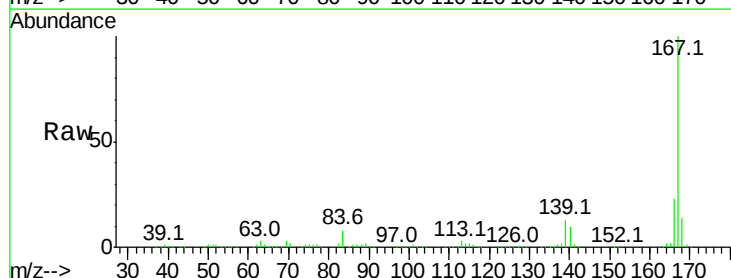
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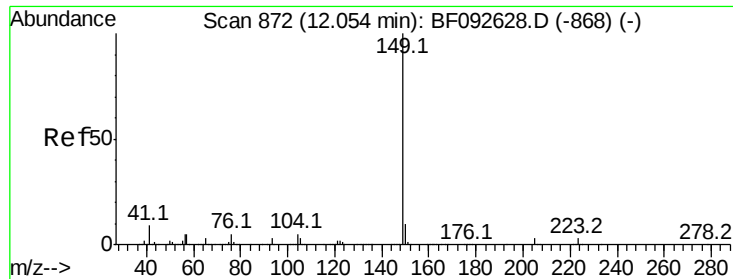


#72
 Carbazole
 Concen: 43.45 ng
 RT: 11.73 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Tgt Ion:167 Resp: 1300469

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.2
139	12.8	11.4	17.2





#73

Di-n-butylphthalate

Concen: 39.10 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1265685

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

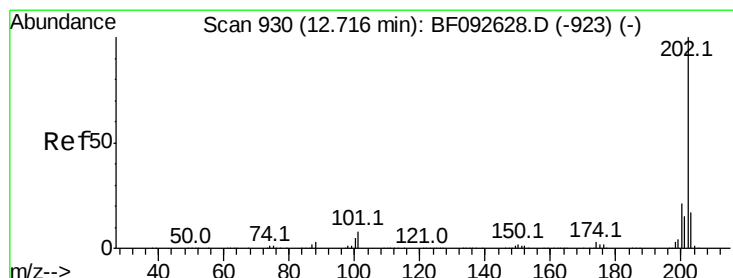
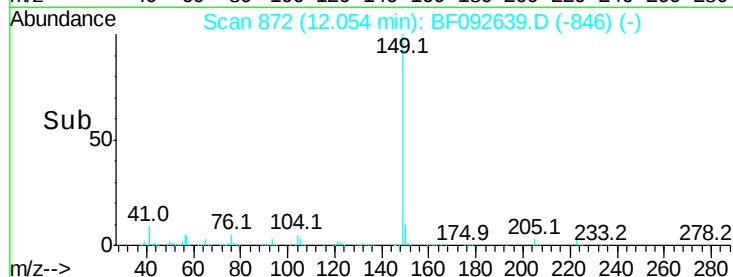
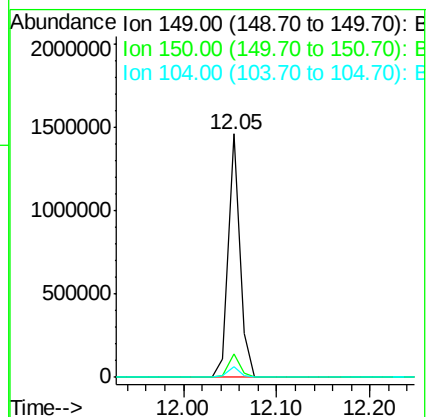
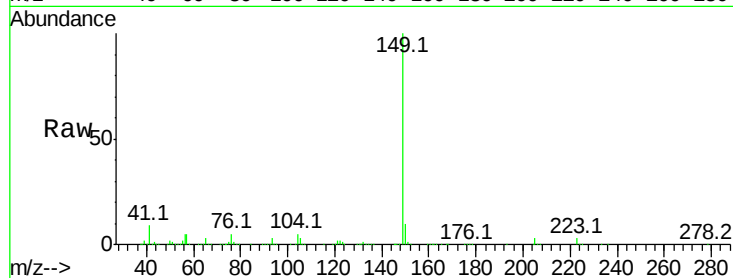
104 4.6 4.6 7.0#

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#74

Fluoranthene

Concen: 37.97 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

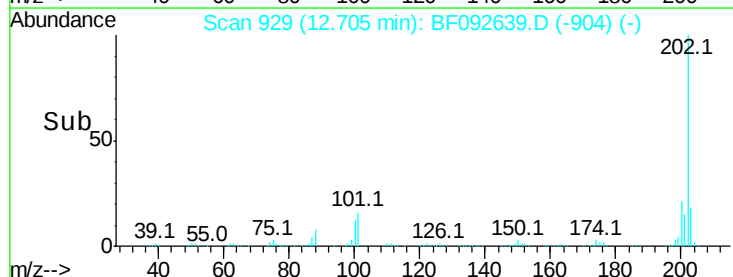
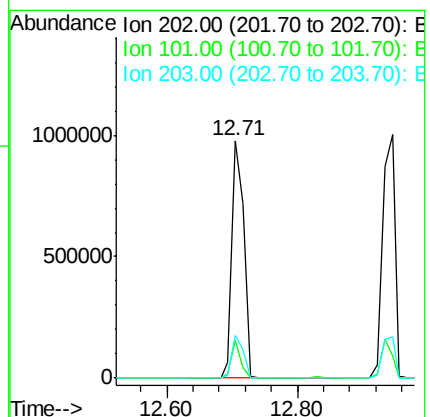
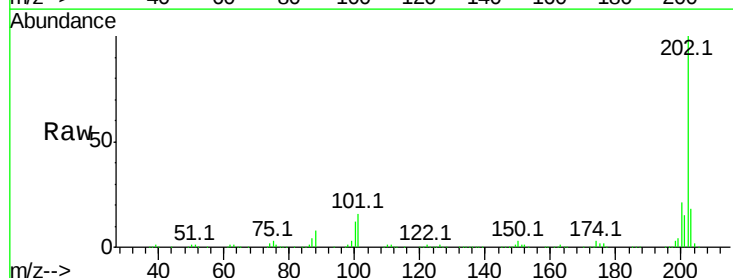
Tgt Ion:202 Resp: 1221300

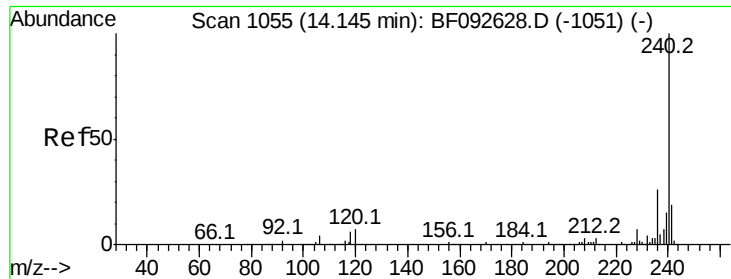
Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.6

203 17.9 0.0 38.7





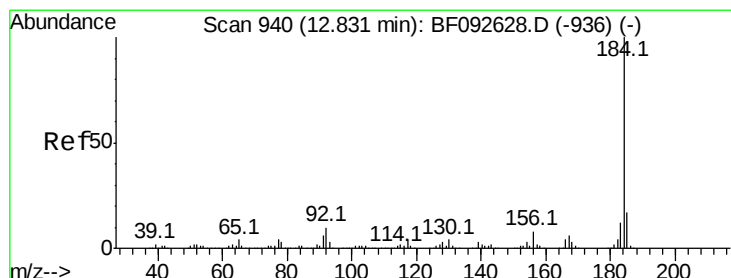
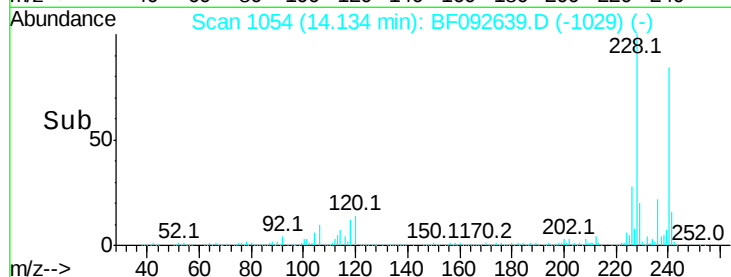
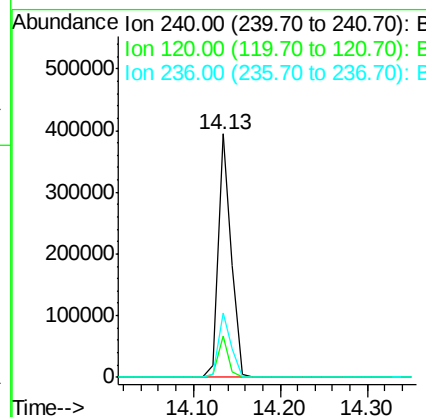
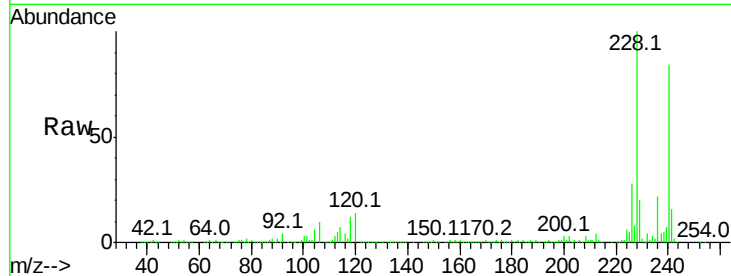
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.0	12.9	19.3
236	26.3	20.9	31.3

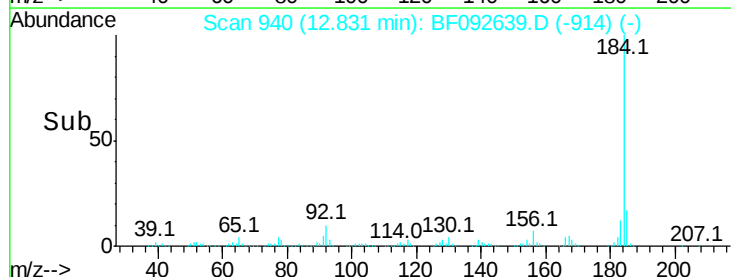
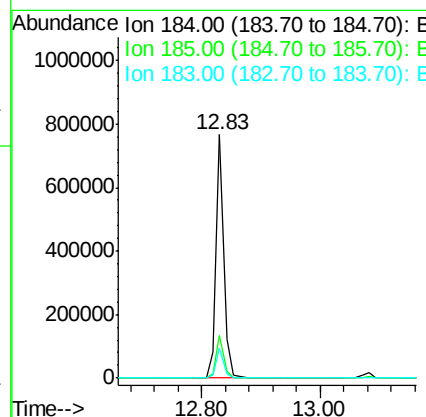
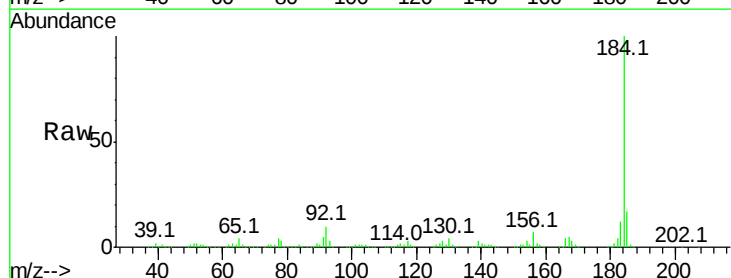
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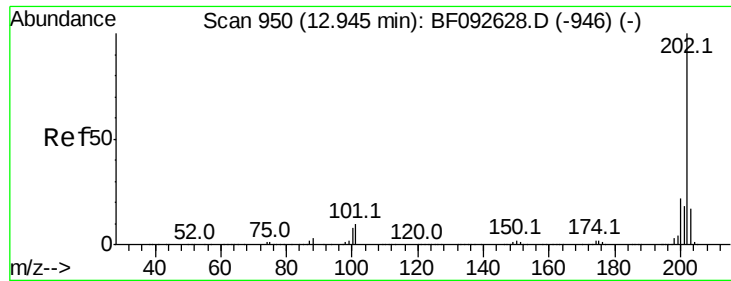
mohammad
1/31/2017 4:45:04 PM



#76
Benzidine
Concen: 38.91 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.4	20.0
183	12.1	9.2	13.8





#77

Pvrene

Concen: 42.95 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1336136

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

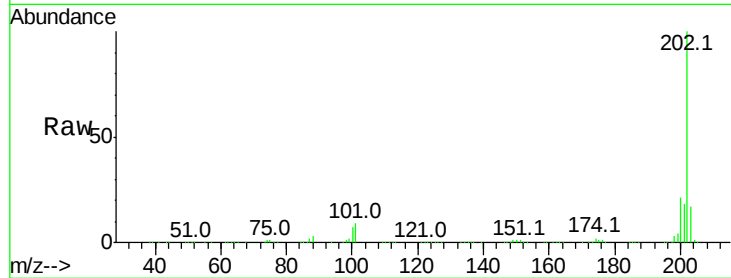
203 17.1 14.7 22.1

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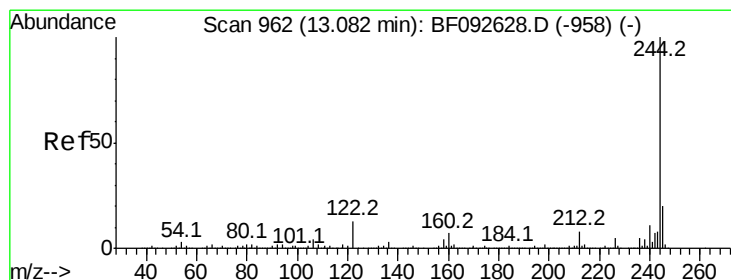
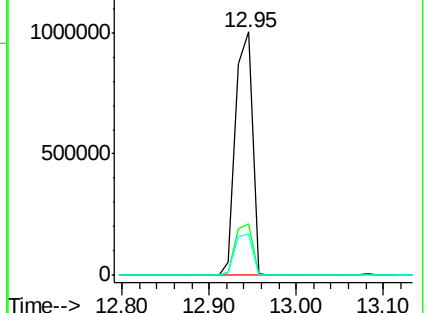
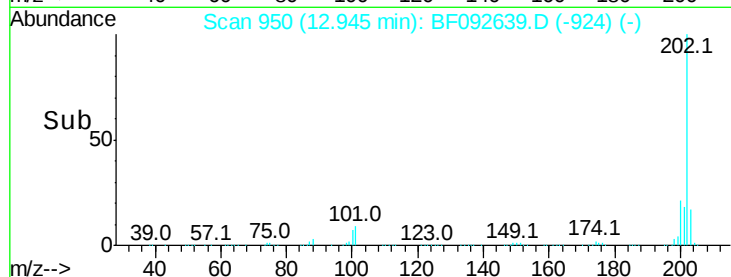
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.59 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

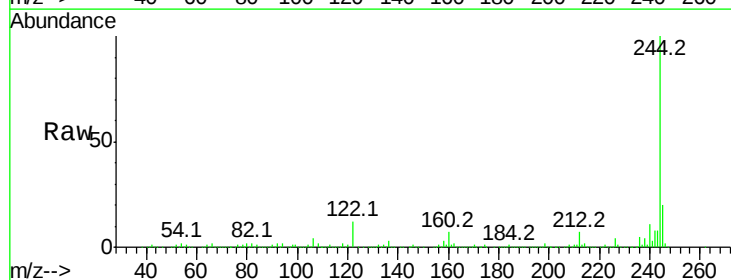
Tgt Ion:244 Resp: 1461218

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

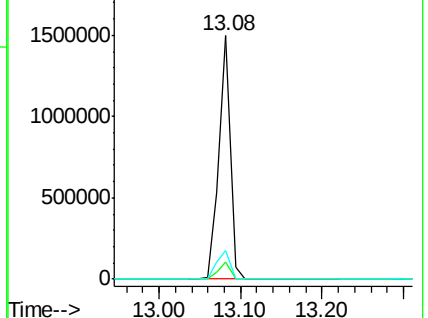
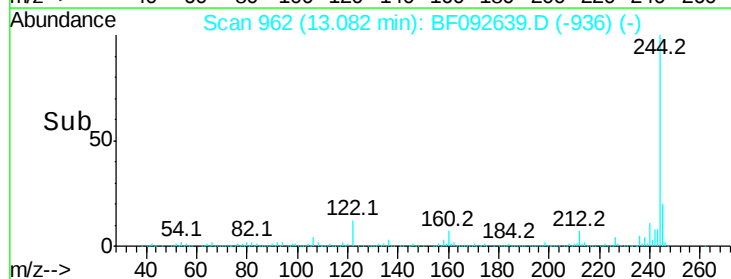
122 11.7 11.4 17.2

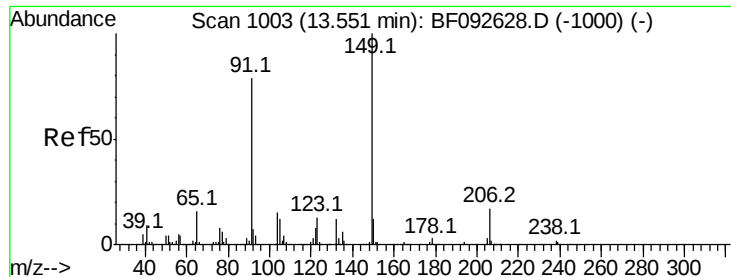


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





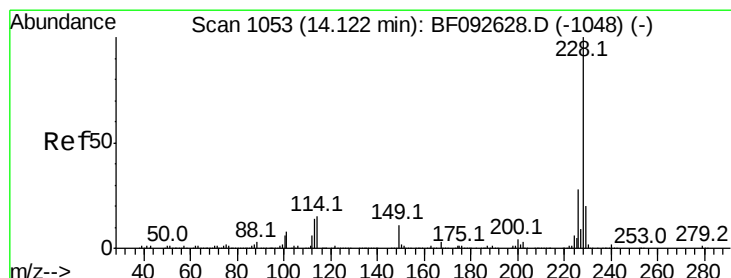
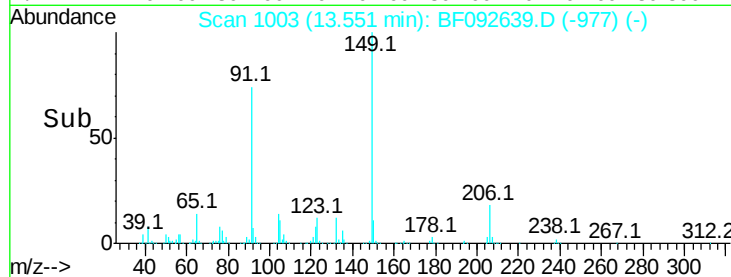
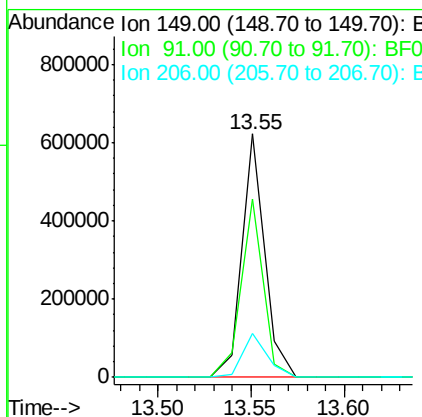
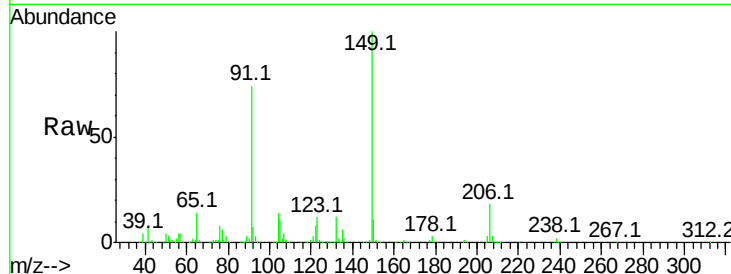
#79
Butylbenzylphthalate
Concen: 41.98 ng
RT: 13.55 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.5	63.9	95.9
206	18.0	14.6	21.8

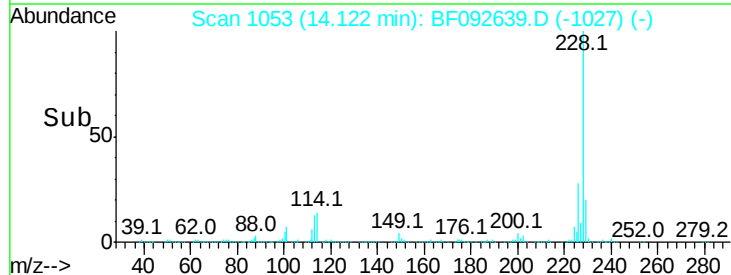
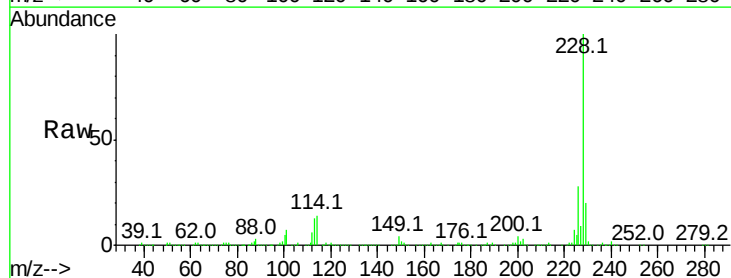
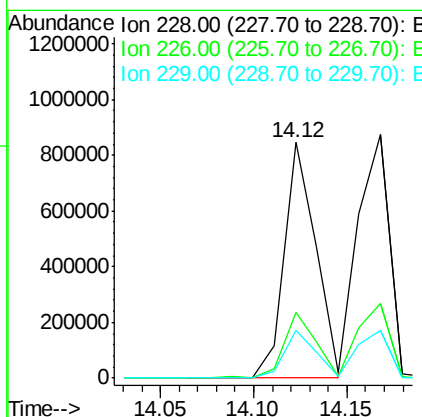
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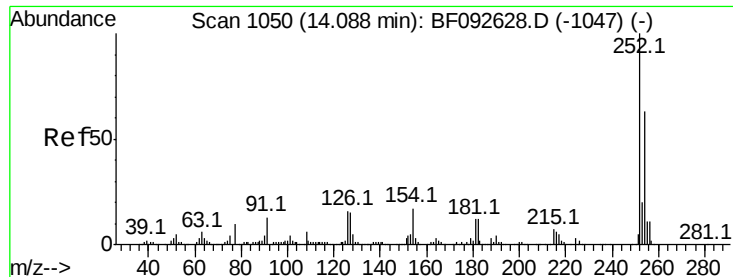
mohammad
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#80
Benzo(a)anthracene
Concen: 39.24 ng
RT: 14.12 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.2	16.2	24.4





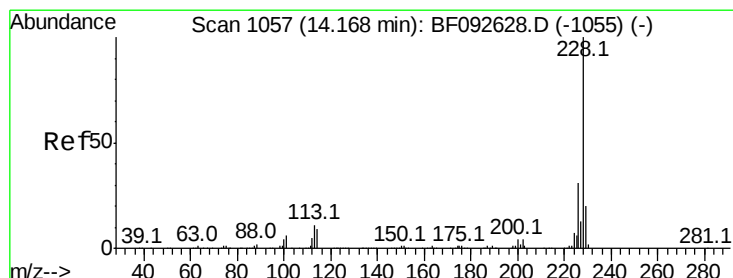
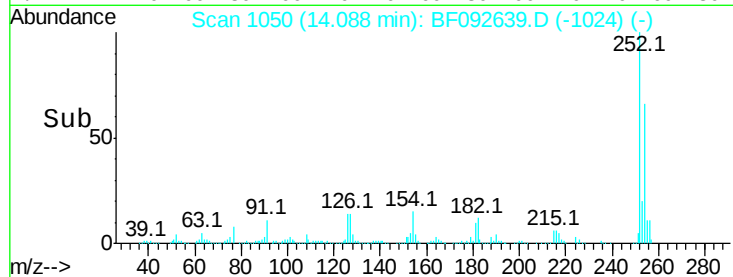
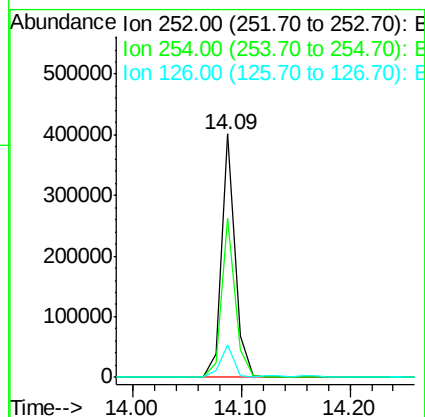
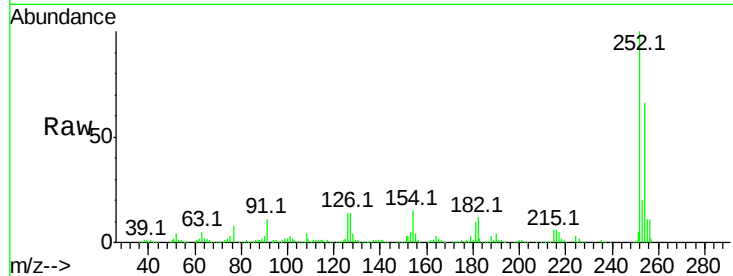
#81
 3,3'-Dichlorobenzidine
 Concen: 38.92 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.3	78.5
126	13.5	13.6	20.4

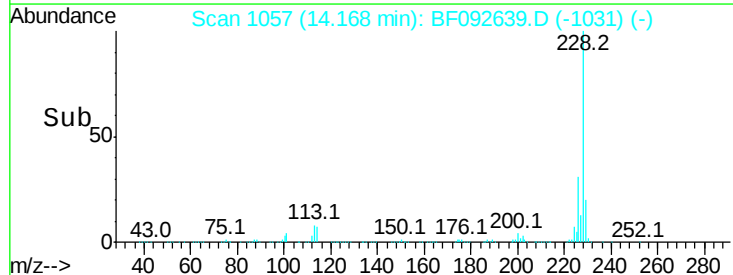
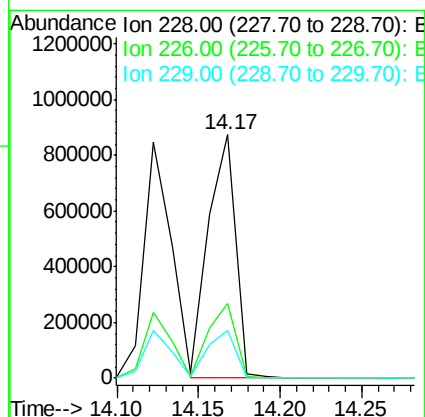
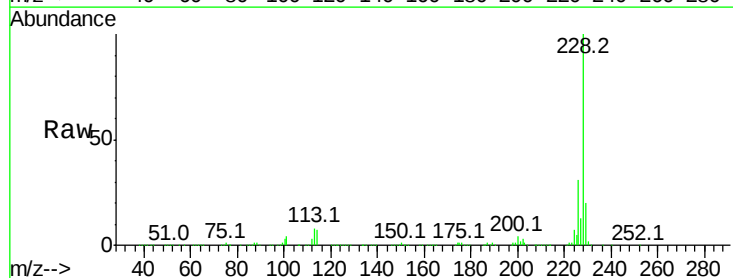
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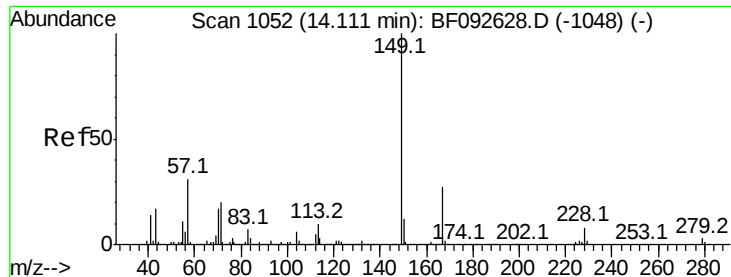
mohammad
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#82
 Chrysene
 Concen: 42.88 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	19.6	16.2	24.2





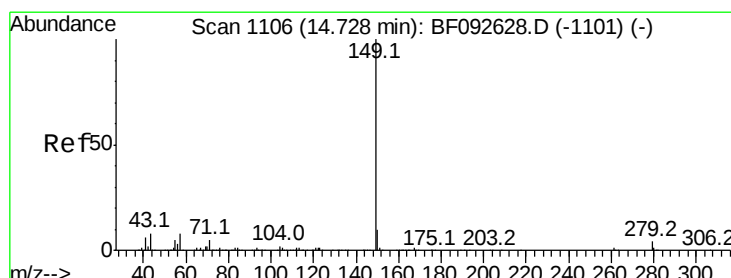
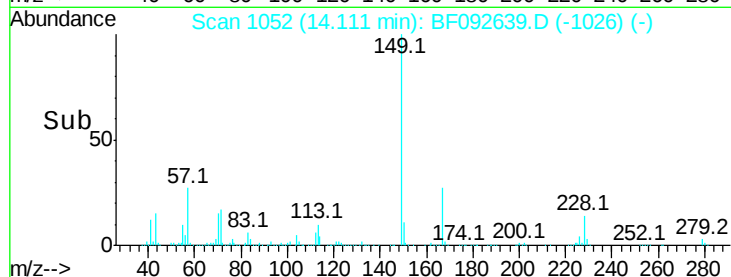
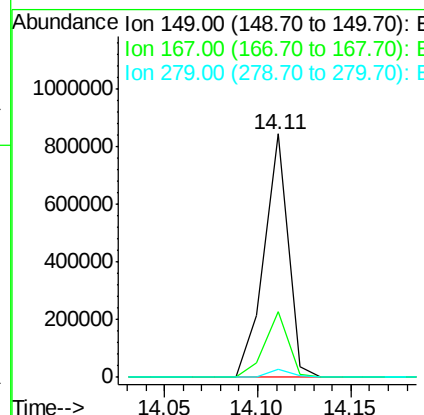
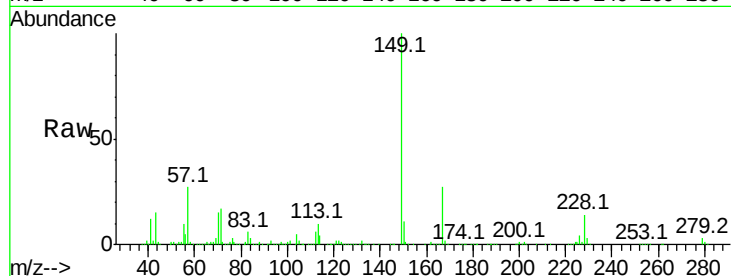
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.75 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.1	20.2	30.4	
279	3.3	1.8	2.8	

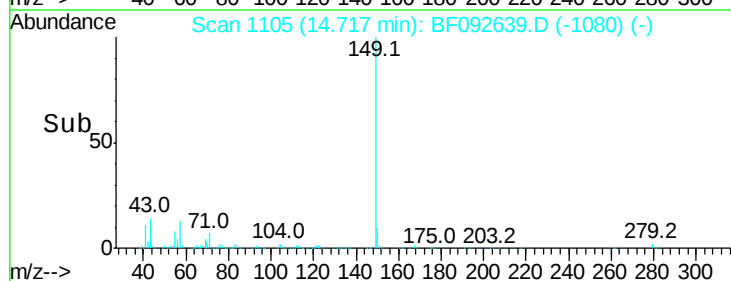
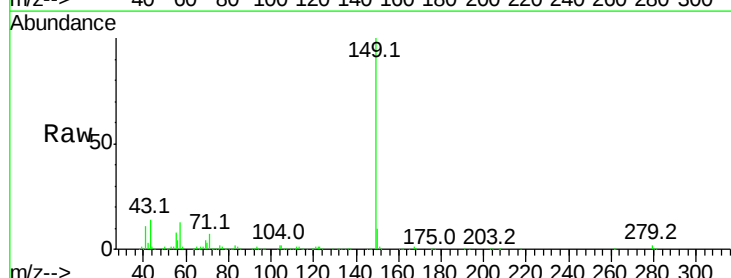
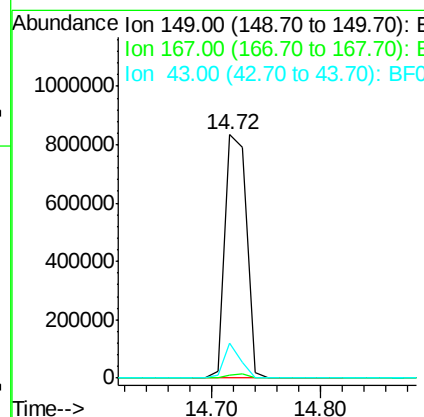
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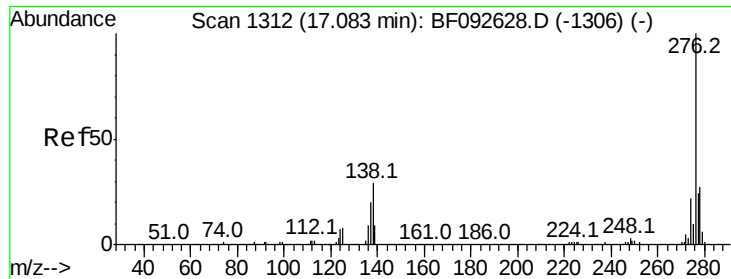
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 40.89 ng
 RT: 14.72 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.3	1.9	
43	11.0	8.9	13.3	





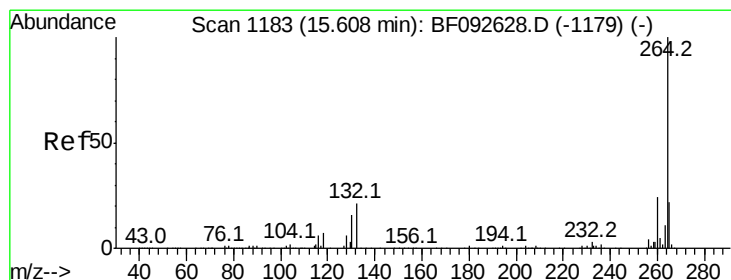
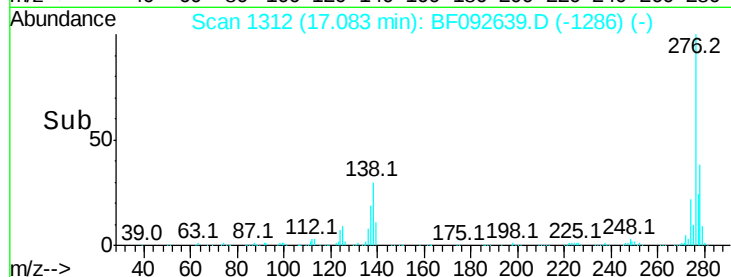
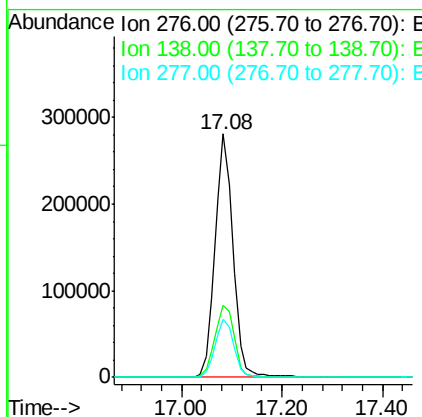
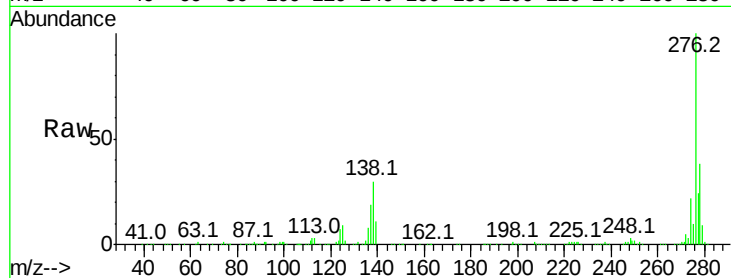
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.96 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	21.8	32.6
277	25.0	20.2	30.4

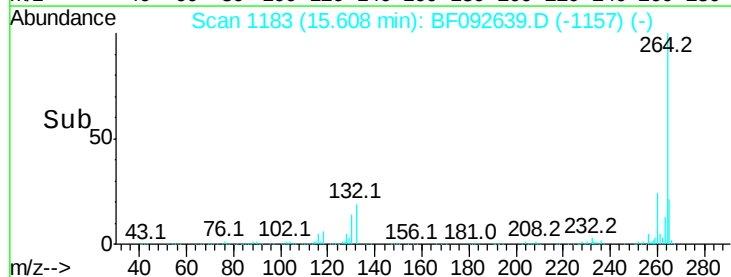
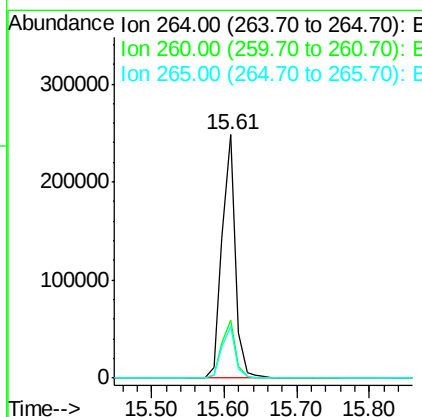
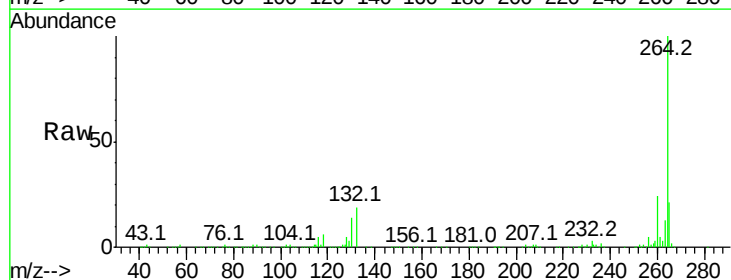
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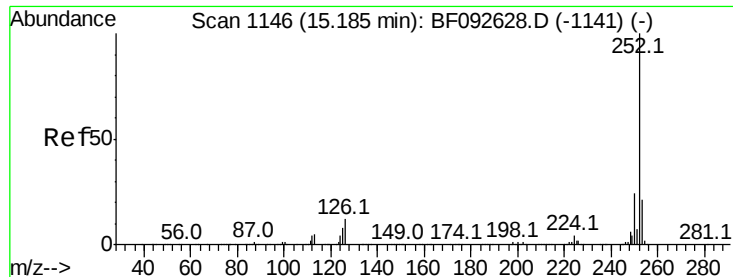
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 45.82 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Instrument :

BNA_F

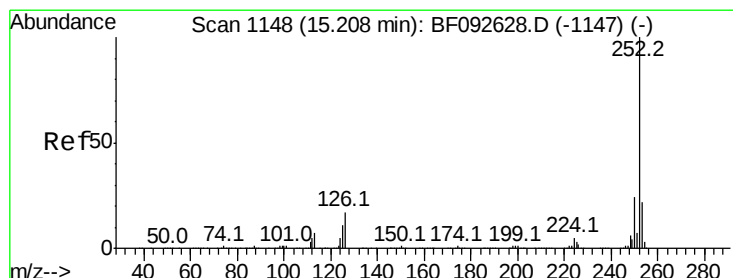
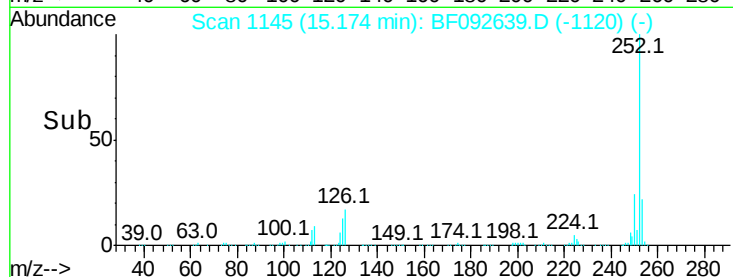
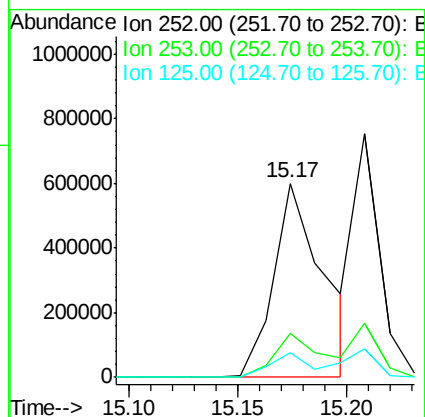
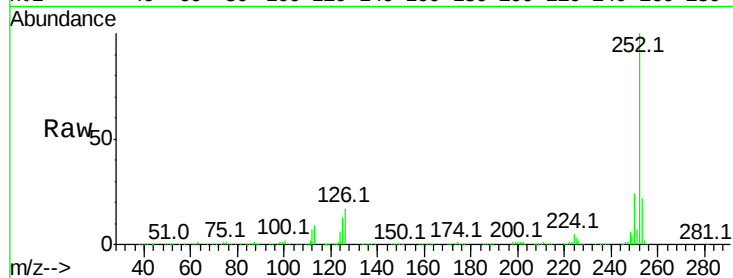
ClientSampleId :

SSTDCCC040EC

Tot Ion:252	Resp:	954752
Ion Ratio	Lower	Upper
252	100	
253	22.4	18.2 27.4
125	12.6	9.8 14.6

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#88

Benzo(k)fluoranthene

Concen: 35.09 ng m

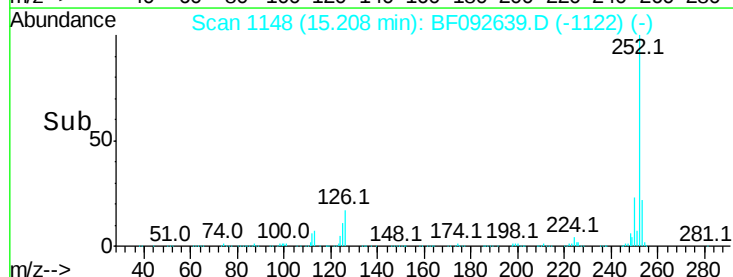
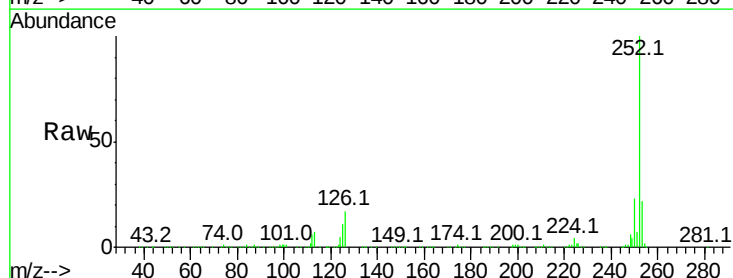
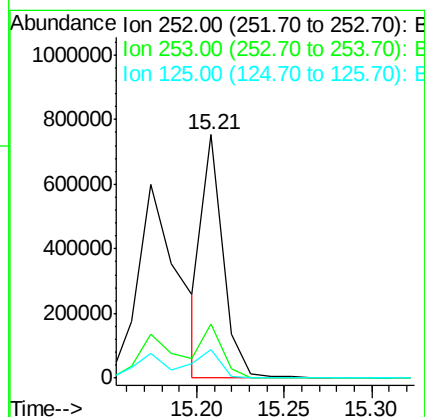
RT: 15.21 min Scan# 1148

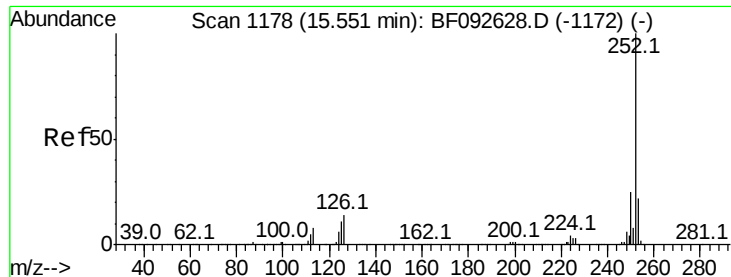
Delta R.T. -0.00 min

Lab File: BF092639.D

Acq: 30 Jan 2017 17:44

Tgt Ion:252	Resp:	631263
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.5 27.7
125	11.5	8.9 13.3





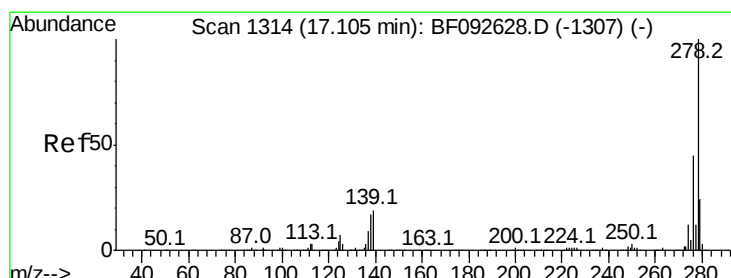
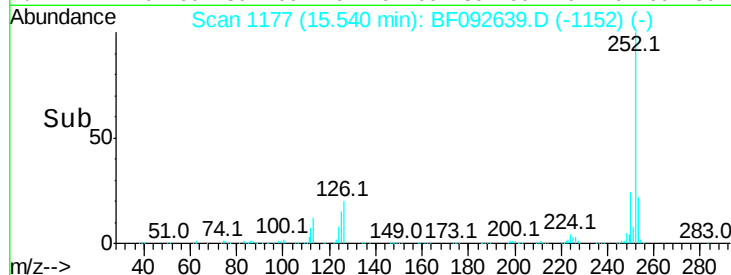
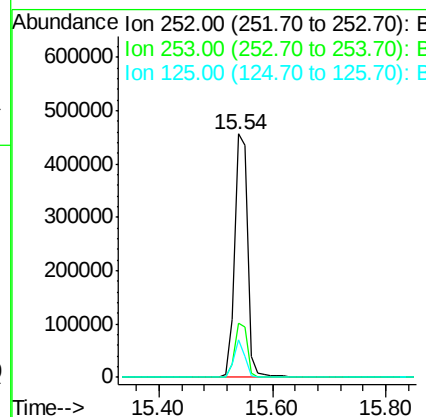
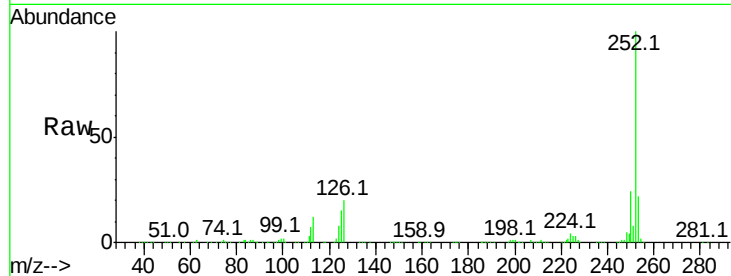
#89
Benzo(a)pyrene
Concen: 41.03 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	15.2	10.0	15.0

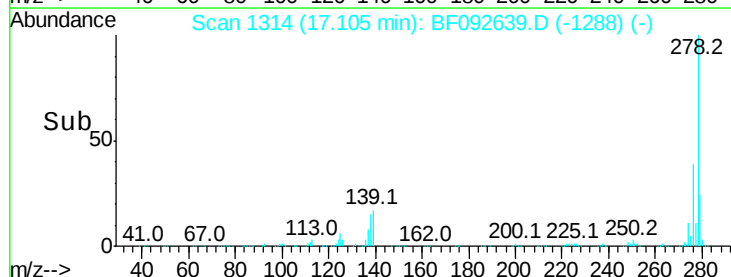
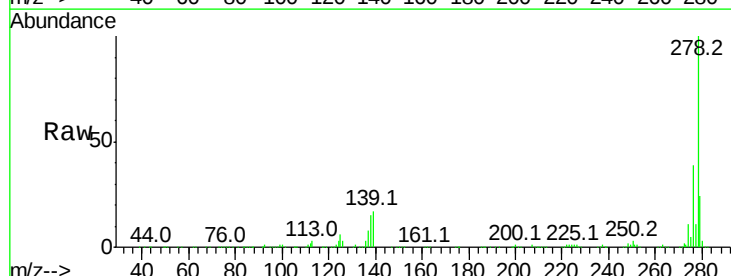
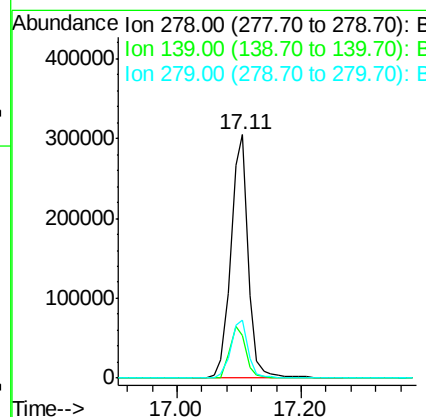
Manual Integrations
APPROVED

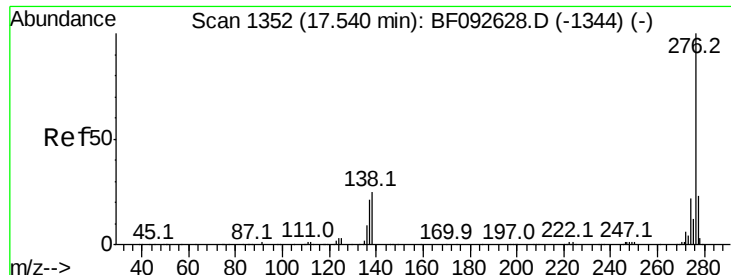
mohammad
1/31/2017 4:45:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.43 ng
RT: 17.11 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF092639.D
Acq: 30 Jan 2017 17:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.8	22.2
279	23.8	19.8	29.6





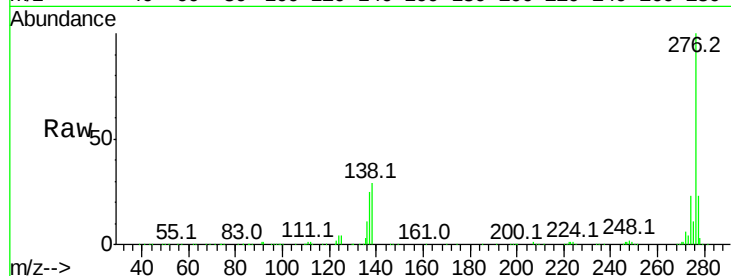
#91
 Benzo(a,h,i)perylene
 Concen: 40.54 ng
 RT: 17.53 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF092639.D
 Acq: 30 Jan 2017 17:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.1	19.2	28.8
138	29.2	16.0	24.0

Manual Integrations
 APPROVED

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 1/31/2017 4:45:04 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

