

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092854.D
 Acq On : 8 Feb 2017 15:14
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:31:03 PM

Quant Time: Feb 08 23:51:21 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	6.90	152	180730	20.00	ng	-0.07
21) Naphthalene-d8	8.19	136	704737	20.00	ng	-0.07
38) Acenaphthene-d10	9.94	164	384857	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	626491	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	541810	20.00	ng	-0.08
86) Perylene-d12	15.51	264	439823	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	790759	75.06	ng	-0.08
7) Phenol-d6	6.53	99	1086897	80.19	ng	-0.07
23) Nitrobenzene-d5	7.47	82	1001760	79.16	ng	-0.07
41) 2,4,6-Tribromophenol	10.73	330	208535	74.92	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1700348	80.04	ng	-0.07
78) Terphenyl-d14	13.01	244	1750284	75.90	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	217271	38.17	ng	88
3) Pyridine	3.22	79	615662	42.54	ng	# 82
4) n-Nitrosodimethylamine	3.18	42	254728	37.48	ng	85
6) Aniline	6.56	93	736834	39.85	ng	# 81
8) 2-Chlorophenol	6.68	128	442213	38.05	ng	95
9) Benzaldehyde	6.44	77	325886	33.56	ng	94
10) Phenol	6.56	94	621758	39.21	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	479167	37.86	ng	95
12) 1,3-Dichlorobenzene	6.84	146	550477	40.44	ng	98
13) 1,4-Dichlorobenzene	6.91	146	526061	38.18	ng	99
14) 1,2-Dichlorobenzene	7.07	146	523429	39.73	ng	97
15) Benzyl Alcohol	7.05	79	398873	39.75	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	902694	41.05	ng	94
17) 2-Methylphenol	7.16	107	409730	41.10	ng	96
18) Hexachloroethane	7.41	117	186524	39.66	ng	93
19) n-Nitroso-di-n-propylamine	7.32	70	358703	41.57	ng	98
20) 3+4-Methylphenols	7.31	107	484657	40.66	ng	# 67
22) Acetophenone	7.31	105	597968	37.16	ng	# 91
24) Nitrobenzene	7.48	77	490226	37.72	ng	99
25) Isophorone	7.72	82	930712	39.47	ng	95
26) 2-Nitrophenol	7.80	139	271755	43.99	ng	93
27) 2,4-Dimethylphenol	7.85	122	448655	41.36	ng	93
28) bis(2-Chloroethoxy)methane	7.94	93	646573	41.40	ng	100
29) 2,4-Dichlorophenol	8.04	162	392832	38.83	ng	88
30) 1,2,4-Trichlorobenzene	8.12	180	434405	39.84	ng	93
31) Naphthalene	8.21	128	1410645	39.49	ng	98
32) Benzoic acid	7.97	122	217497	37.27	ng	97
33) 4-Chloroaniline	8.26	127	570689	40.73	ng	98
34) Hexachlorobutadiene	8.33	225	235206	39.21	ng	98
35) Caprolactam	8.64	113	121631	38.22	ng	# 39
36) 4-Chloro-3-methylphenol	8.75	107	439264	41.64	ng	86
37) 2-Methylnaphthalene	8.90	142	914236	39.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	417542	38.65	ng	99
40) Hexachlorocyclopentadiene	9.05	237	161213	33.08	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 SSTDC040

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	272877	38.44	nq	91
43) 2,4,5-Trichlorophenol	9.22	196	301569	38.77	nq	92
45) 1,1'-Biphenyl	9.37	154	1142331	40.99	nq	99
46) 2-Chloronaphthalene	9.39	162	918765	42.14	nq	98
47) 2-Nitroaniline	9.48	65	258479	35.26	nq	95
48) Acenaphthylene	9.80	152	1335796	35.47	nq	99
49) Dimethylphthalate	9.66	163	934393	36.05	nq	98
50) 2,6-Dinitrotoluene	9.73	165	252535	45.11	nq #	83
51) Acenaphthene	9.97	154	825890	36.68	nq	96
52) 3-Nitroaniline	9.90	138	281150	43.88	nq #	71
53) 2,4-Dinitrophenol	10.01	184	111916	41.71	nq #	92
54) Dibenzofuran	10.14	168	1089091	36.16	nq	96
55) 4-Nitrophenol	10.06	139	174136	37.74	nq	92
56) 2,4-Dinitrotoluene	10.13	165	301501	40.45	nq	92
57) Fluorene	10.49	166	880332	38.00	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	212034	40.87	nq	95
59) Diethylphthalate	10.36	149	941021	38.52	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	391292	35.15	nq	94
61) 4-Nitroaniline	10.51	138	242167	36.90	nq	94
62) Azobenzene	10.64	77	941839	37.32	nq	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	176736	46.44	nq	94
65) n-Nitrosodiphenylamine	10.60	169	836067	41.78	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	246955	37.73	nq	99
67) Hexachlorobenzene	11.04	284	257747	39.85	nq	95
68) Atrazine	11.13	200	243432	37.90	nq	99
69) Pentachlorophenol	11.23	266	133013	43.45	nq	97
70) Phenanthrene	11.45	178	1246136	34.72	nq	99
71) Anthracene	11.50	178	1505967	41.78	nq	98
72) Carbazole	11.65	167	1355763	39.35	nq	99
73) Di-n-butylphthalate	11.98	149	1492265	40.05	nq #	97
74) Fluoranthene	12.64	202	1288288	34.80	nq	99
76) Benzdine	12.76	184	744538	32.25	nq	98
77) Pyrene	12.86	202	1315862	32.45	nq	100
79) Butylbenzylphthalate	13.48	149	638467	38.78	nq	89
80) Benzo(a)anthracene	14.05	228	1178415	35.56	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	442695	37.48	nq #	97
82) Chrysene	14.09	228	1081437	34.86	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	867806	38.54	nq #	95
84) Di-n-octyl phthalate	14.65	149	1416225	38.62	nq	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	962529	40.05	nq	95
87) Benzo(b)fluoranthene	15.09	252	1098876	37.96	nq	99
88) Benzo(k)fluoranthene	15.13	252	1050700m	42.04	nq	
89) Benzo(a)pyrene	15.45	252	1023101	40.86	nq	96
90) Dibenzo(a,h)anthracene	16.97	278	824348	40.73	nq	97
91) Benzo(g,h,i)perylene	17.38	276	825845	40.39	nq #	90

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

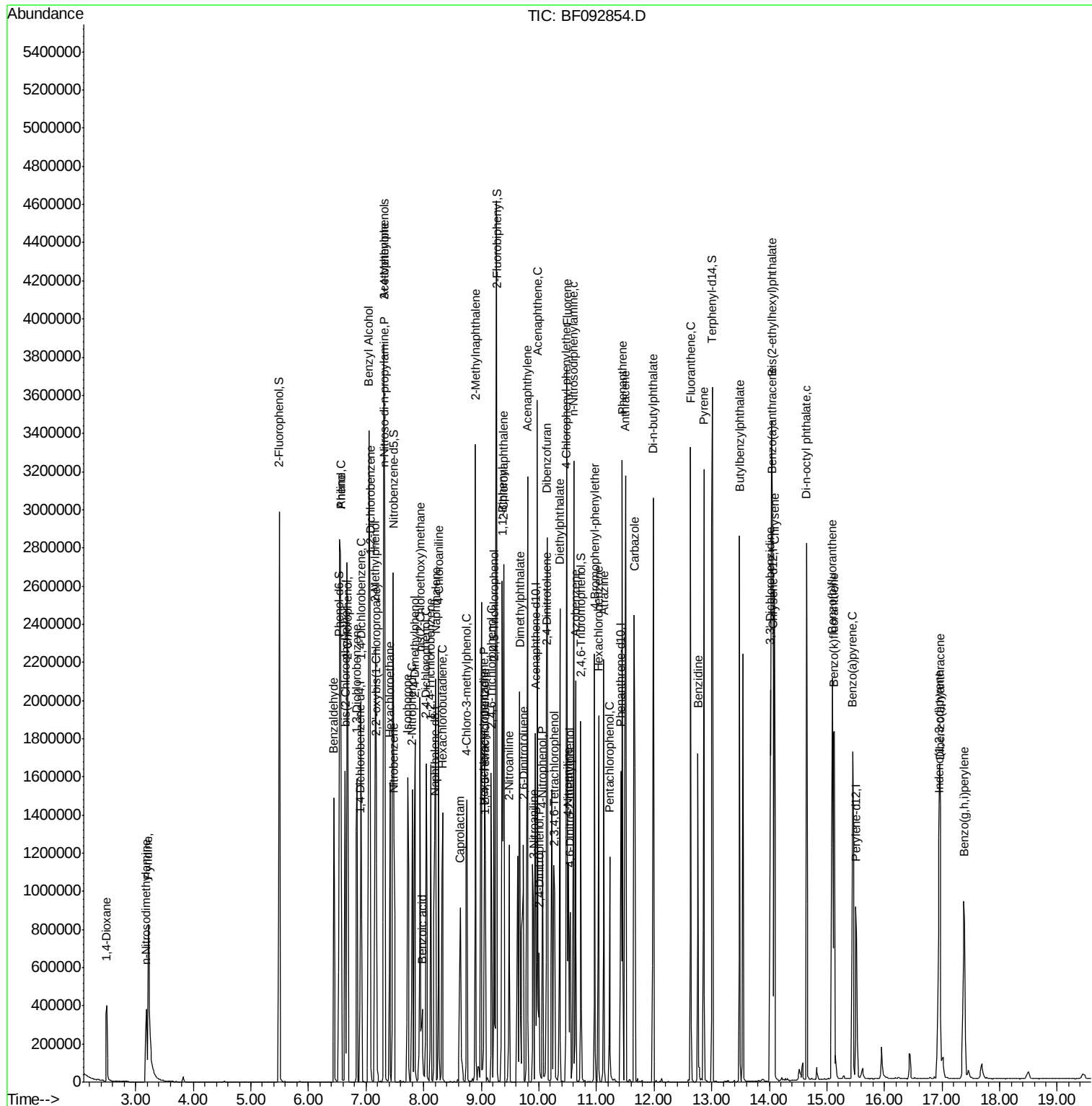
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\  
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Operator  : SJ/MA  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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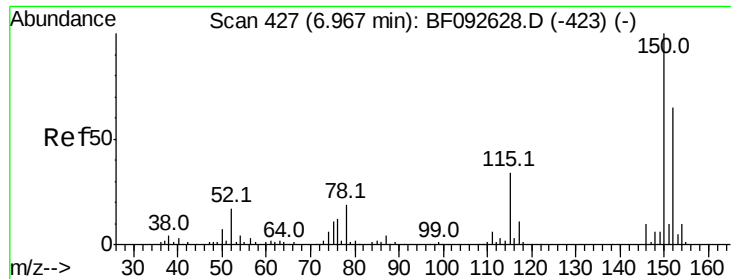
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

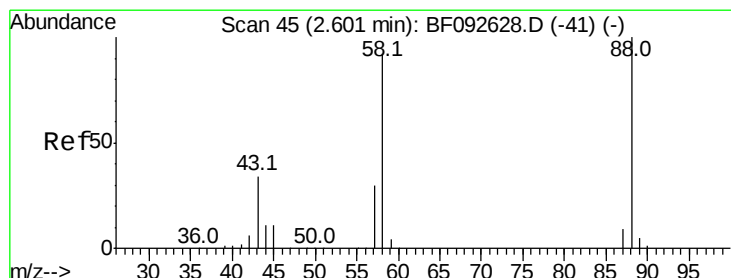
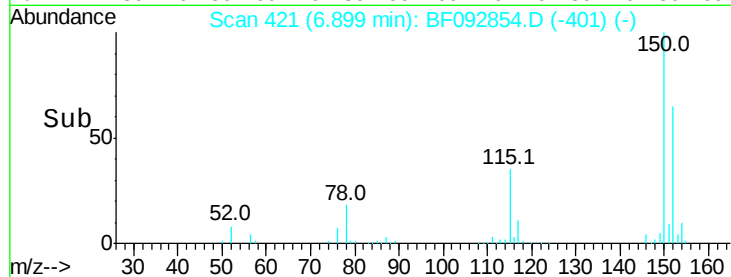
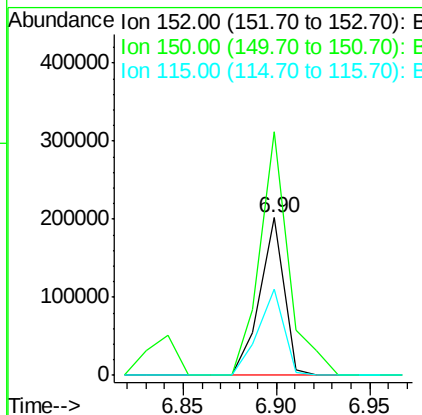
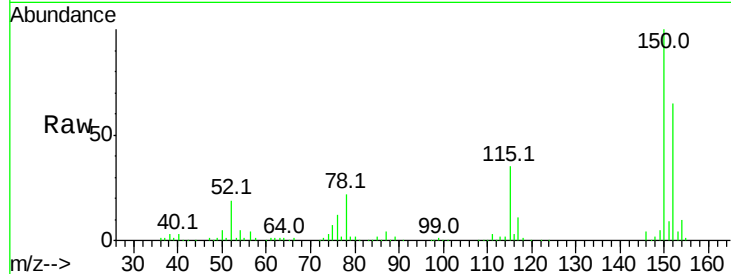
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.9	187.3
115	54.9	46.0	69.0

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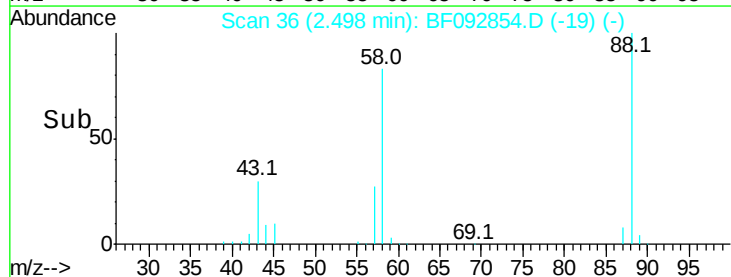
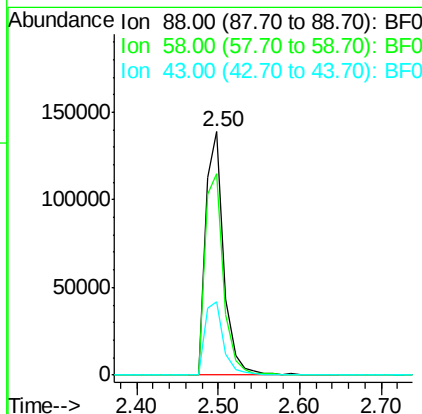
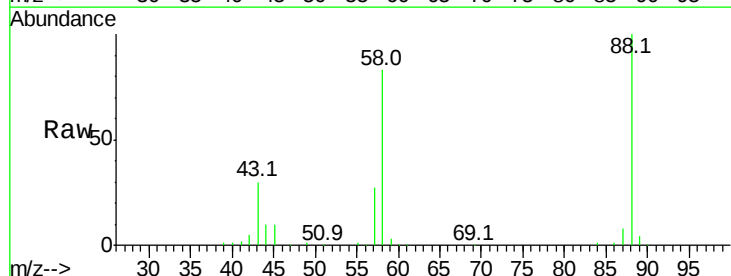
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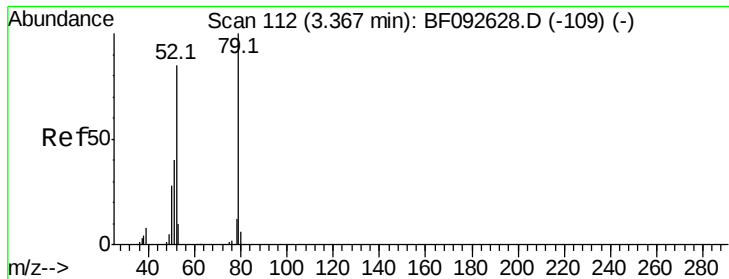


#2

1,4-Dioxane
Concen: 38.17 ng
RT: 2.50 min Scan# 36
Delta R.T. -0.10 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	57.8	86.8
43	31.3	22.3	33.5





#3

Pvridine

Concen: 42.54 ng

RT: 3.22 min Scan# 99

Delta R.T. -0.15 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 615662

Ion Ratio Lower Upper

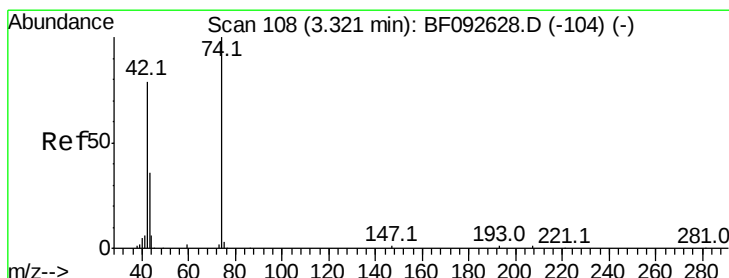
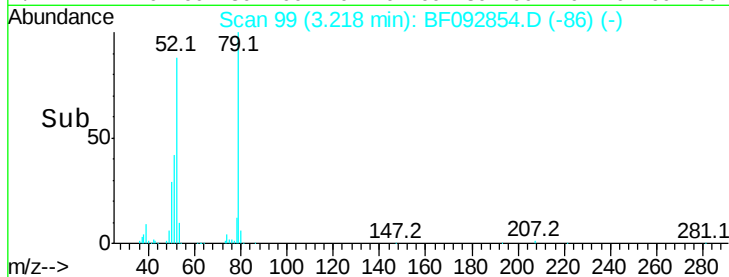
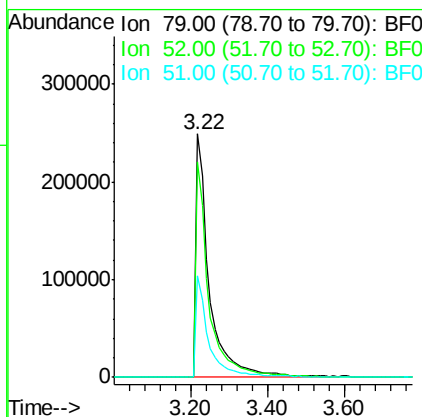
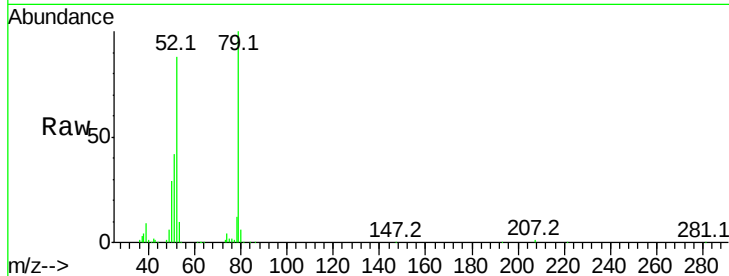
79 100

52 88.3 57.1 85.7#

51 41.8 27.3 40.9#

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#4

n-Nitrosodimethylamine

Concen: 37.48 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.14 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

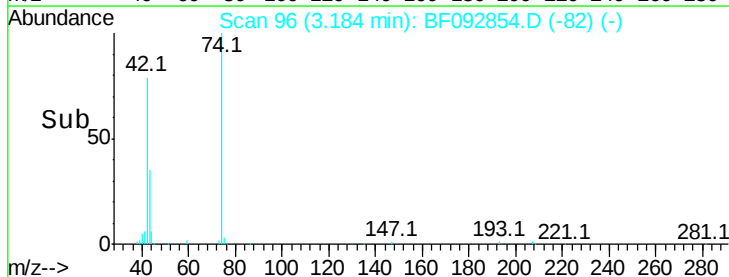
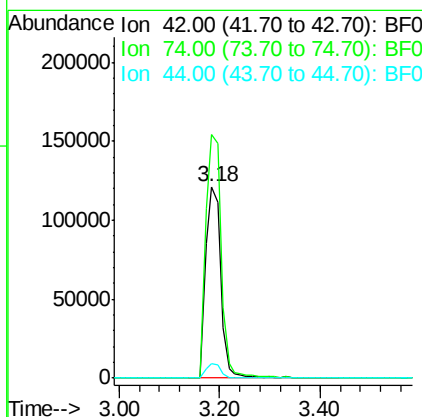
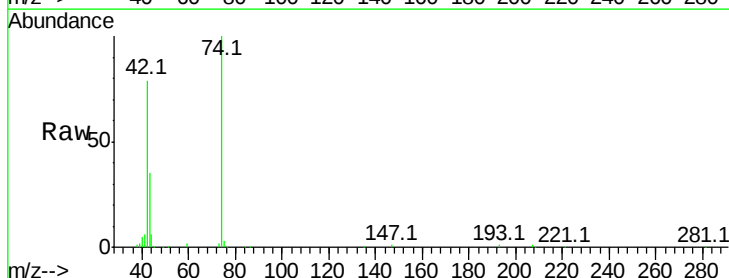
Tgt Ion: 42 Resp: 254728

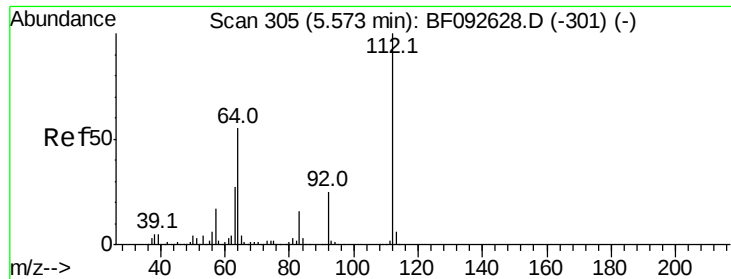
Ion Ratio Lower Upper

42 100

74 127.0 117.0 175.4

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 75.06 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Instrument :

BNA_F

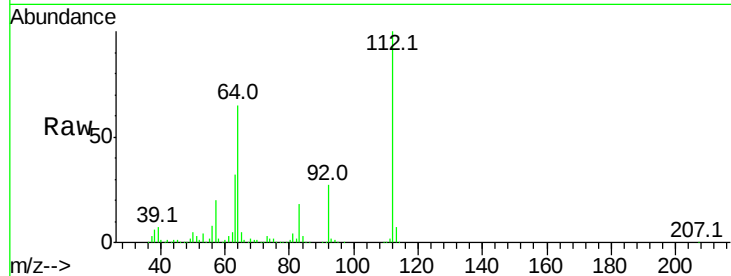
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	790759
Ion Ratio	Lower	Upper	
112	100		
64	64.9	46.1	69.1
63	32.3	23.8	35.6

Manual Integrations
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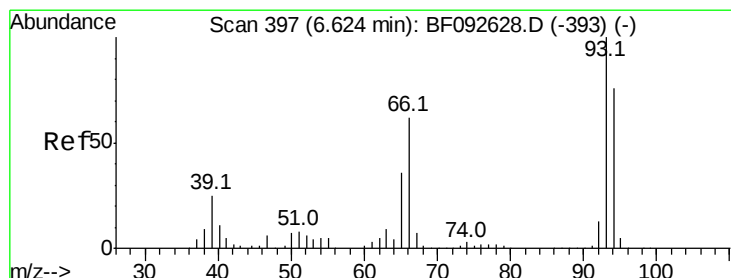
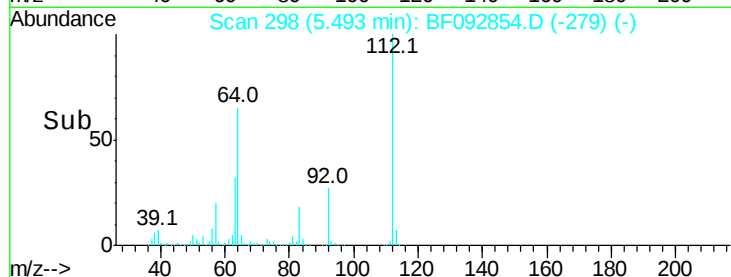
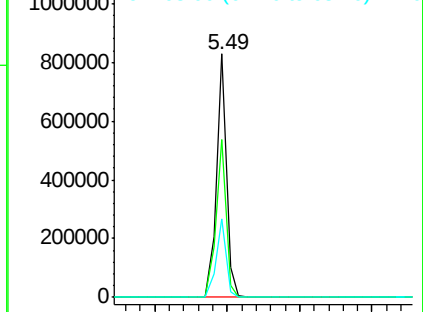
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.85 ng

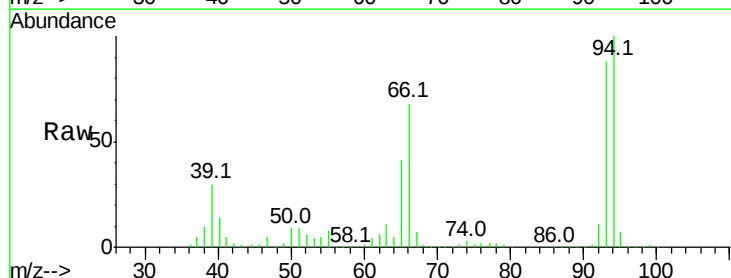
RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

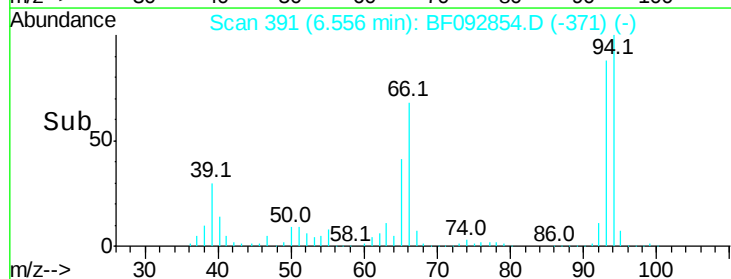
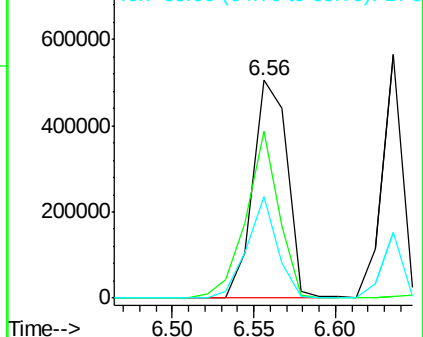
Tgt Ion:	93	Resp:	736834
Ion Ratio	Lower	Upper	
93	100		
66	76.8	76.2	114.2
65	46.5	49.3	73.9#

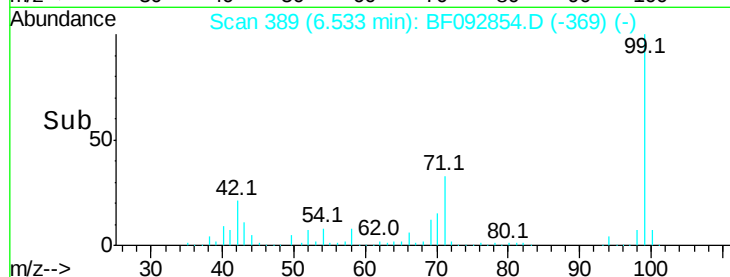
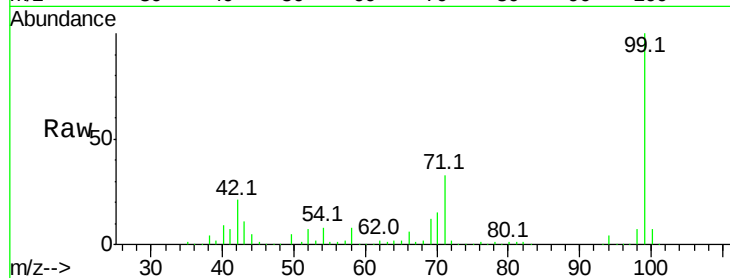
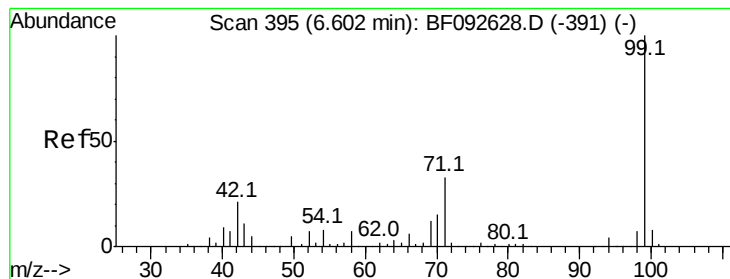


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.19 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Tot Ion: 99 Resp: 1086897

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

71 32.7 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

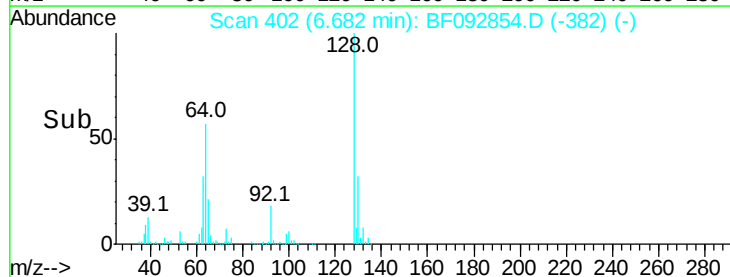
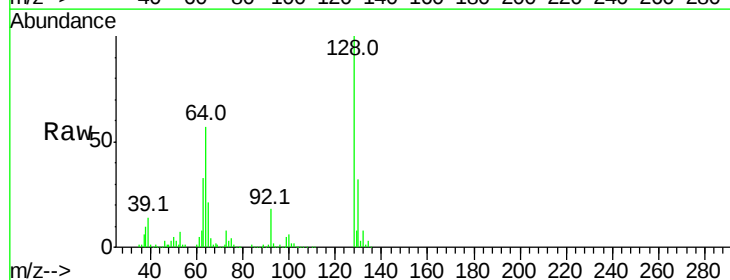
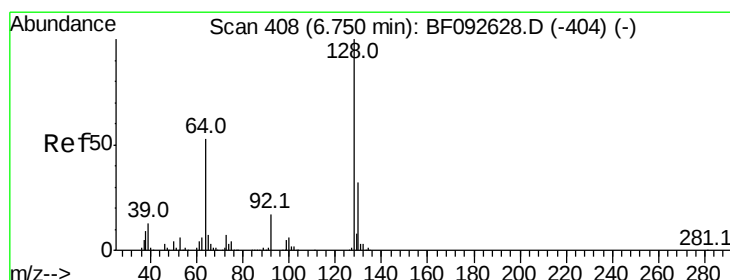
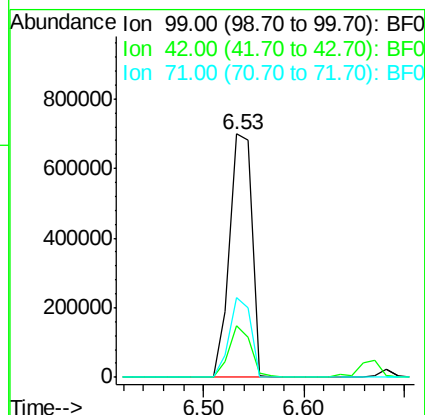
SSTDCCC040

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#8

2-Chlorophenol

Concen: 38.05 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

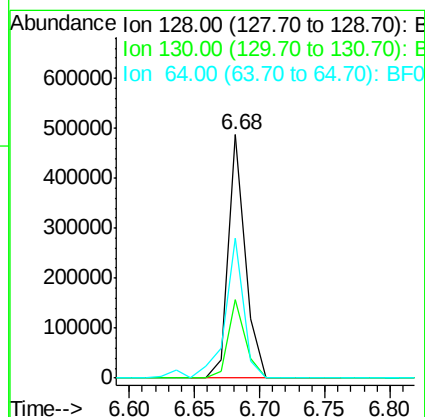
Tgt Ion:128 Resp: 442213

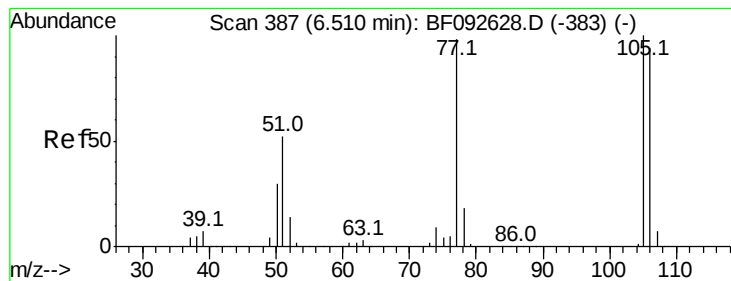
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 57.3 32.2 72.2





#9

Benzaldehyde

Concen: 33.56 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Instrument :

BNA_F

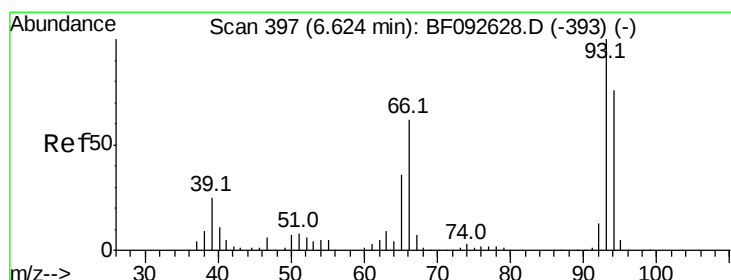
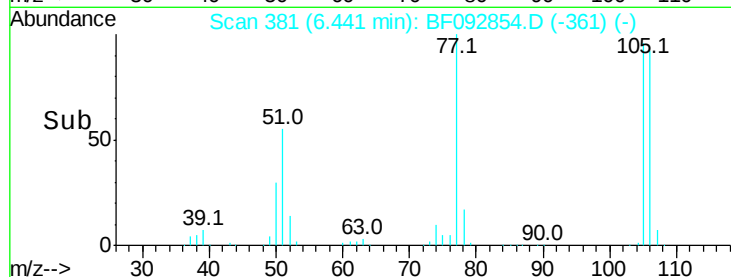
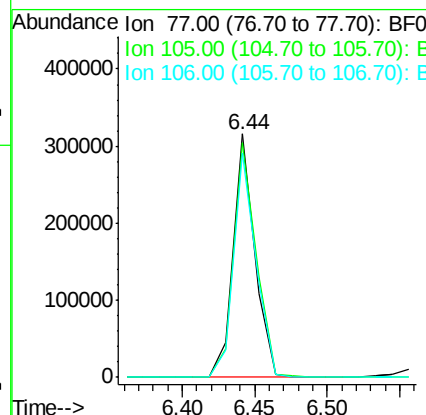
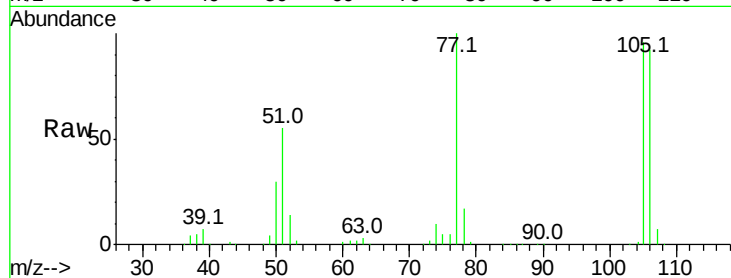
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	325886
Ion Ratio	Lower	Upper	
77	100		
105	96.4	83.9	123.9
106	92.3	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 39.21 ng

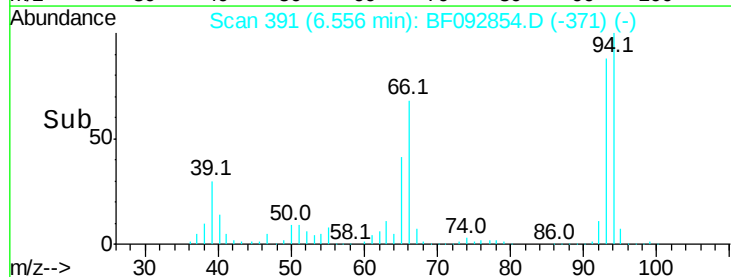
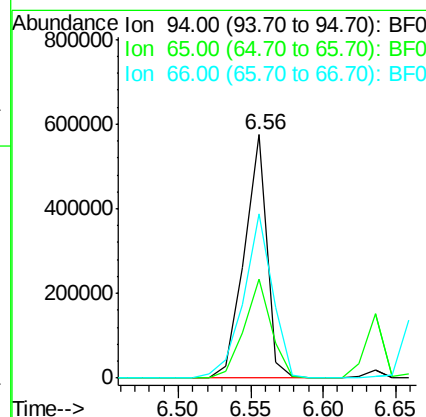
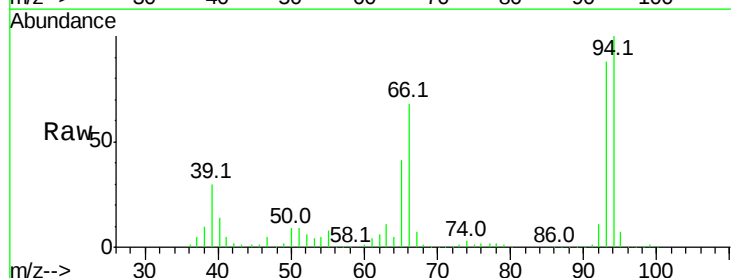
RT: 6.56 min Scan# 391

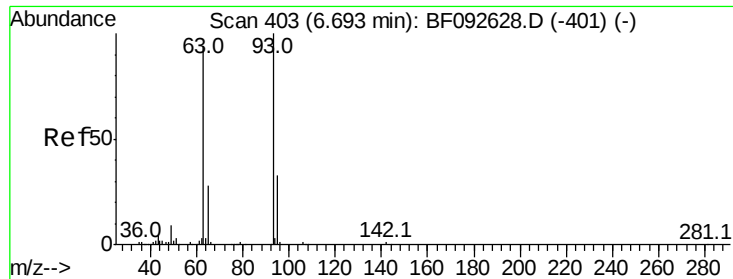
Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Tgt Ion:	94	Resp:	621758
Ion Ratio	Lower	Upper	
94	100		
65	40.9	21.4	61.4
66	67.6	44.0	84.0





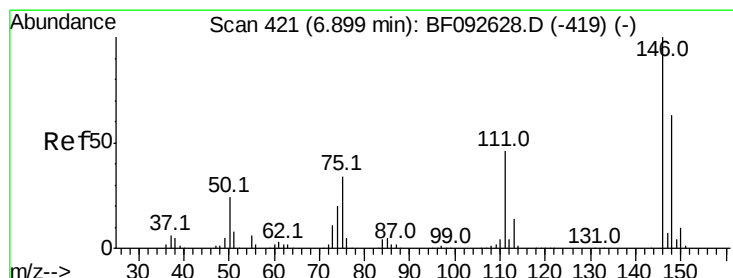
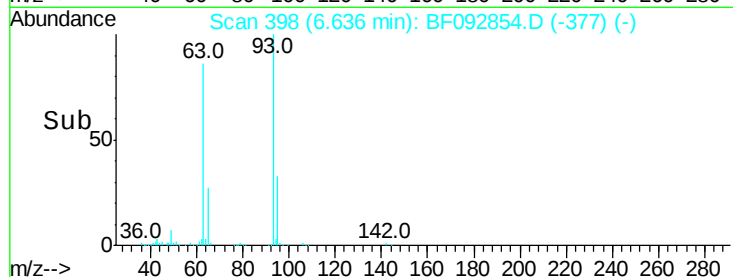
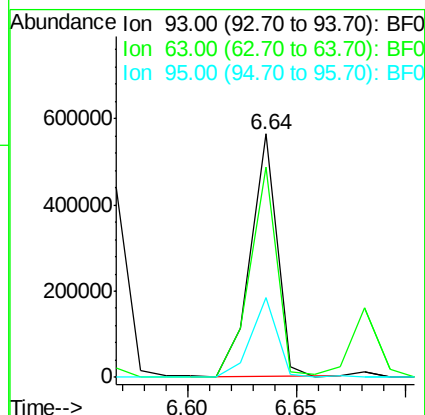
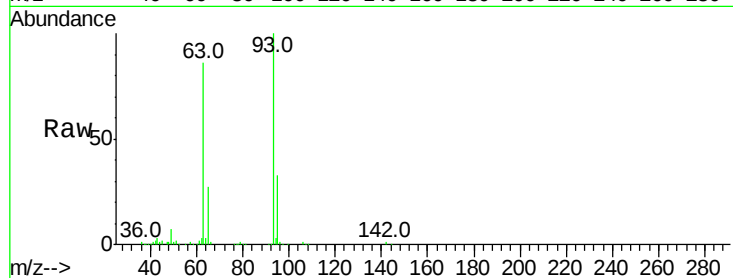
#11
bis(2-Chloroethyl)ether
Concen: 37.86 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.2	60.4	100.4
95	33.0	12.8	52.8

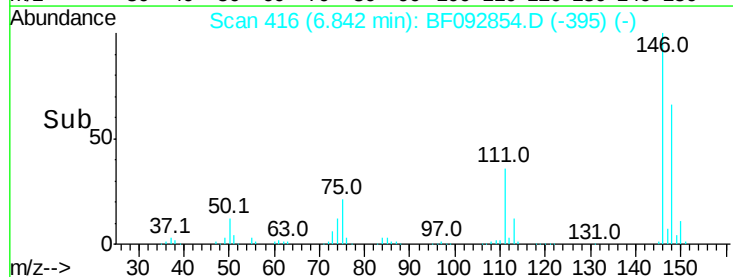
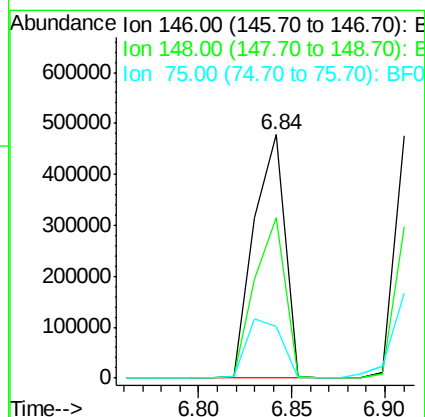
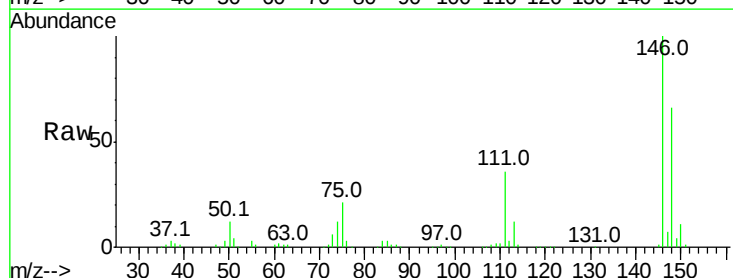
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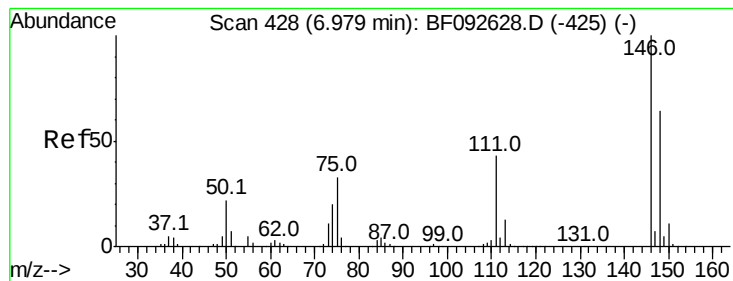
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.44 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.4	80.0
75	21.2	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 38.18 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Instrument :

BNA_F

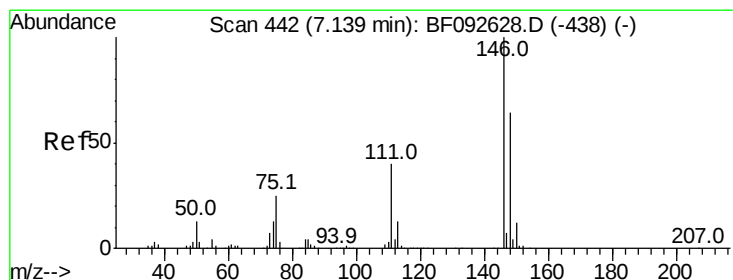
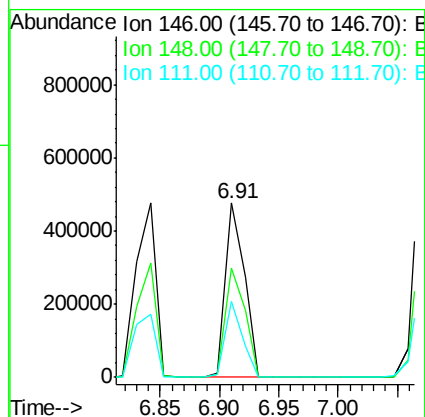
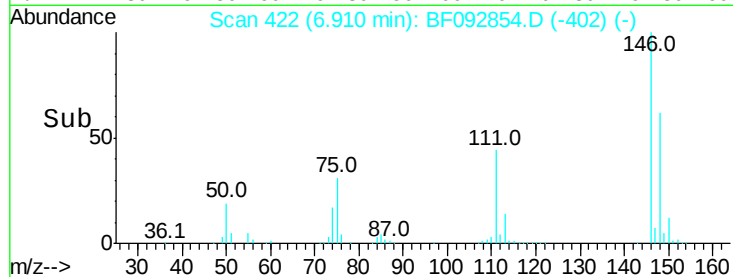
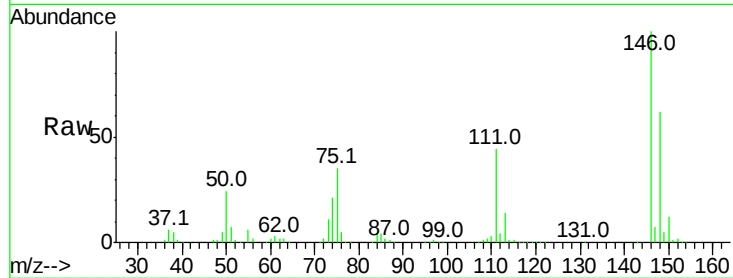
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	526061
Ion Ratio	Lower	Upper	
146	100		
148	62.5	50.6	76.0
111	44.0	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 39.73 ng

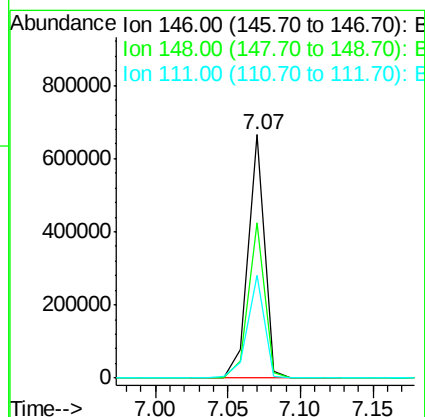
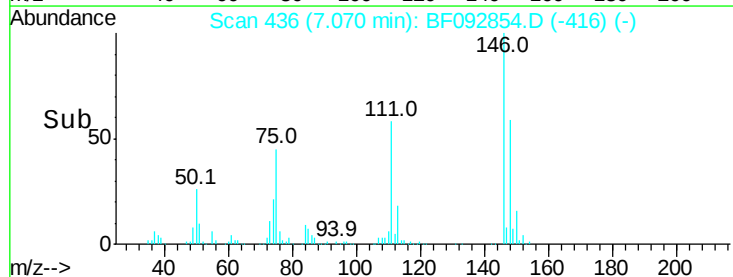
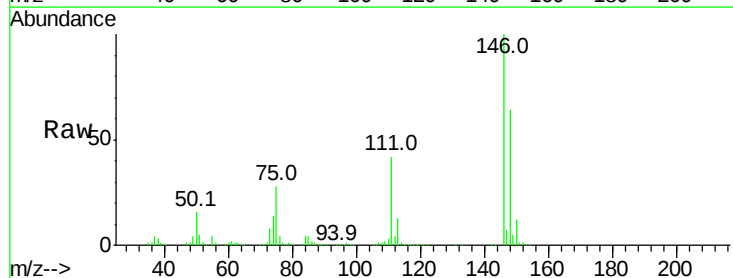
RT: 7.07 min Scan# 436

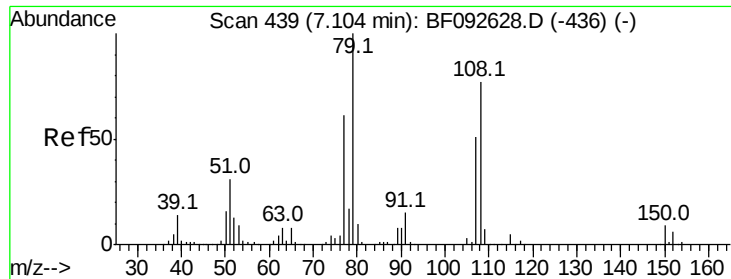
Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Tgt Ion:	146	Resp:	523429
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
111	42.2	36.2	54.2





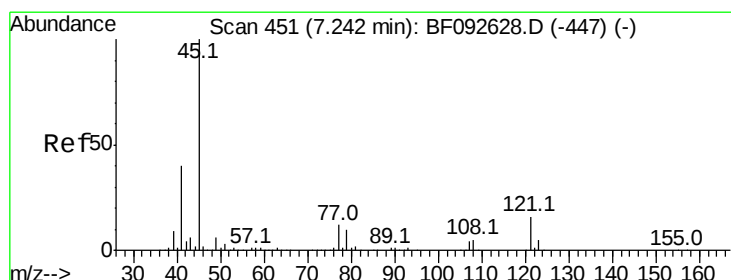
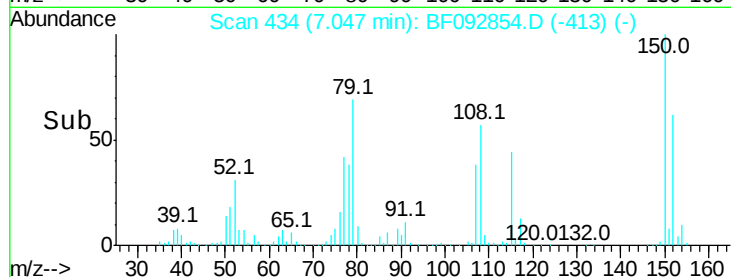
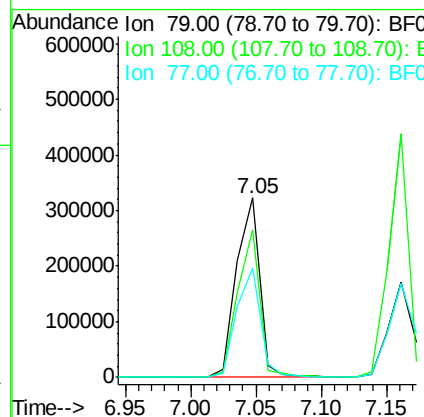
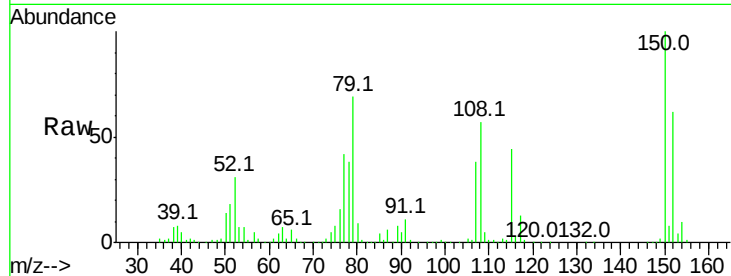
#15
Benzyl Alcohol
Concen: 39.75 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	61.4	92.0
77	61.2	50.9	76.3

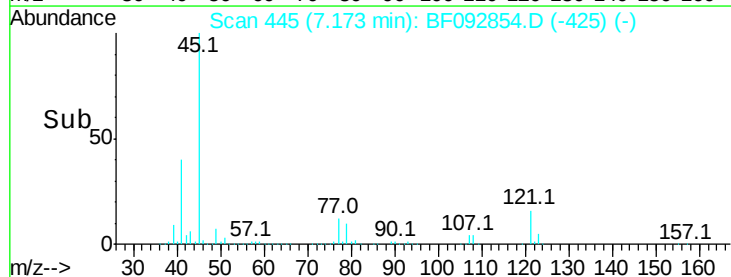
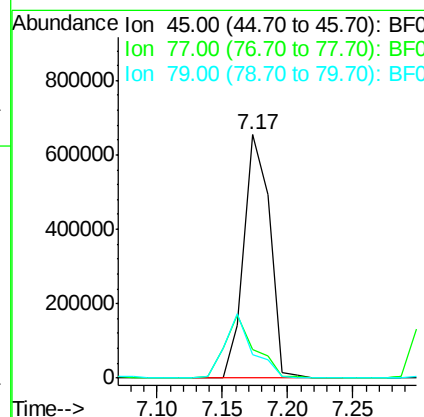
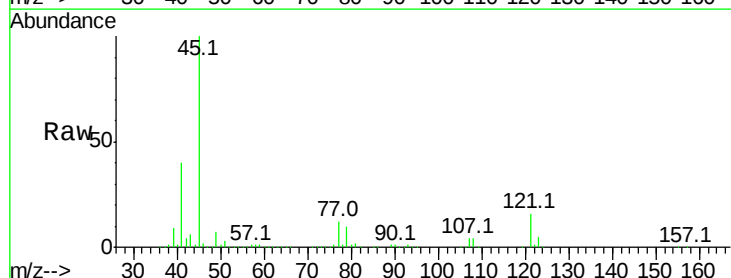
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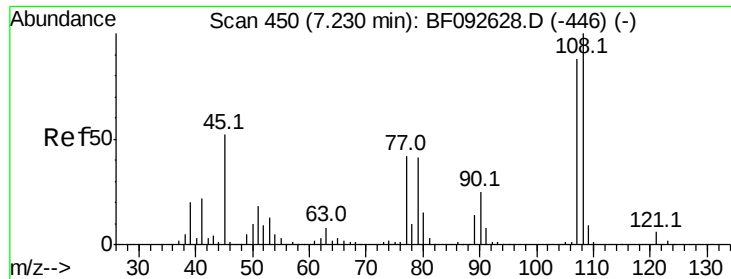
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.05 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	34.6
79	9.5	0.0	31.2





#17

2-Methylphenol

Concen: 41.10 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Instrument :

BNA_F

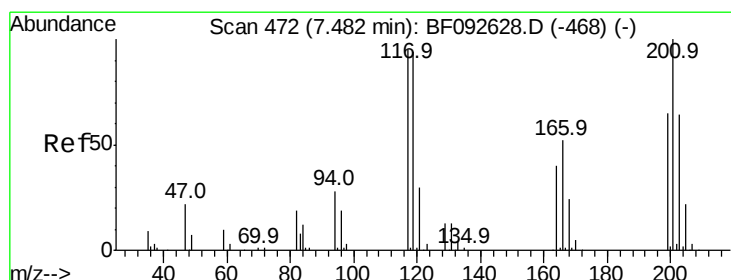
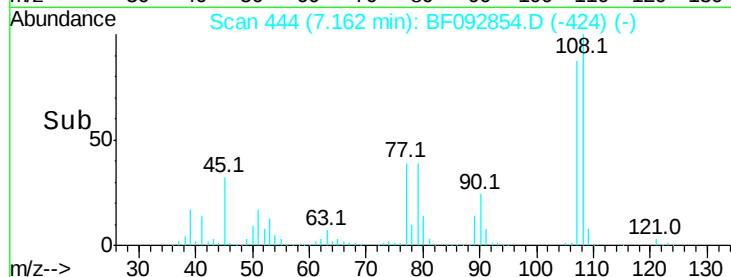
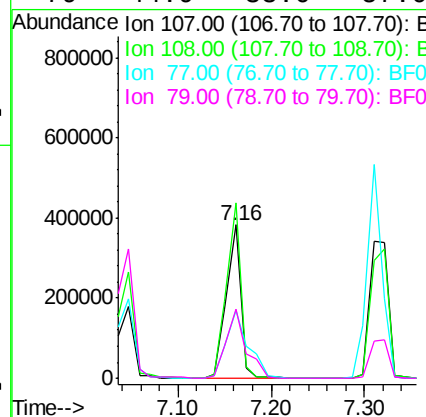
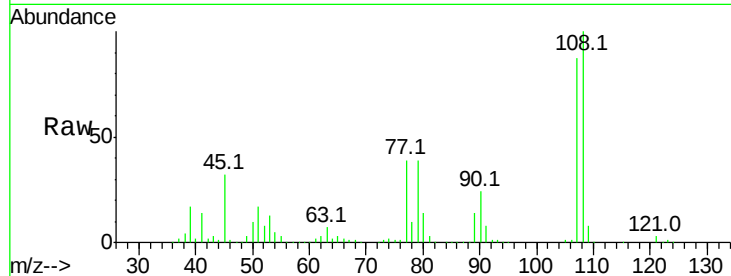
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.0	139.6
77	44.4	39.8	59.8
79	44.9	38.0	57.0

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#18

Hexachloroethane

Concen: 39.66 ng

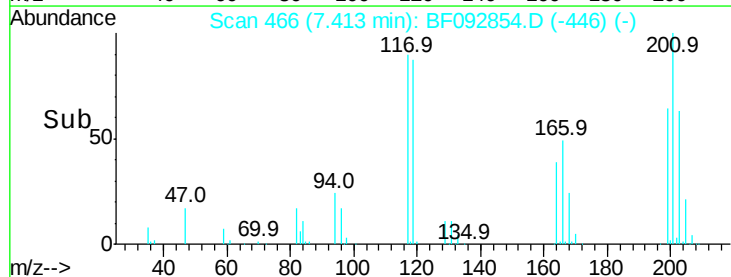
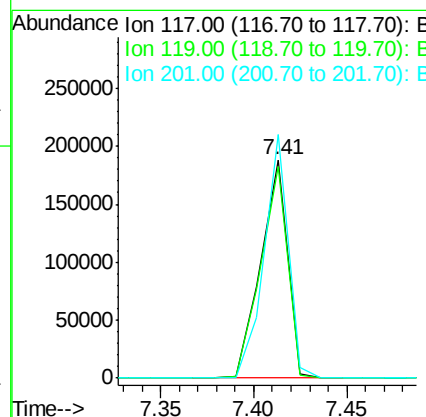
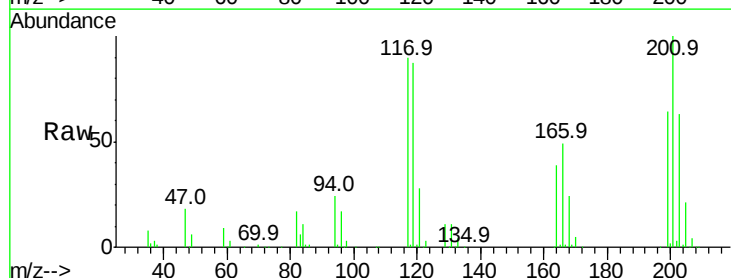
RT: 7.41 min Scan# 466

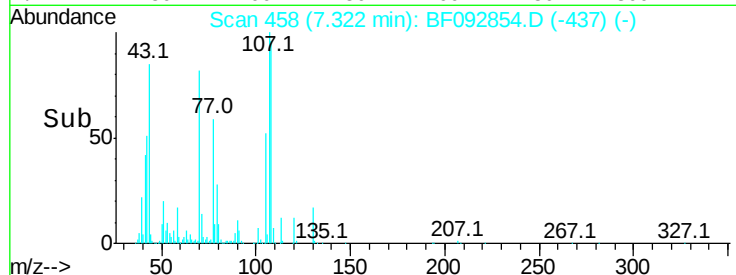
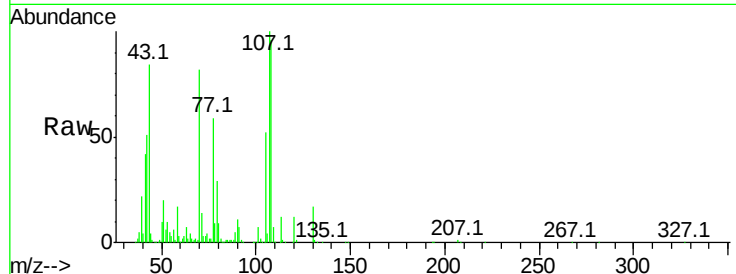
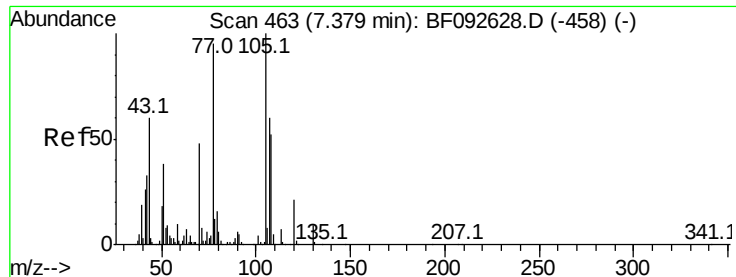
Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.1	117.1
201	111.6	78.6	117.8





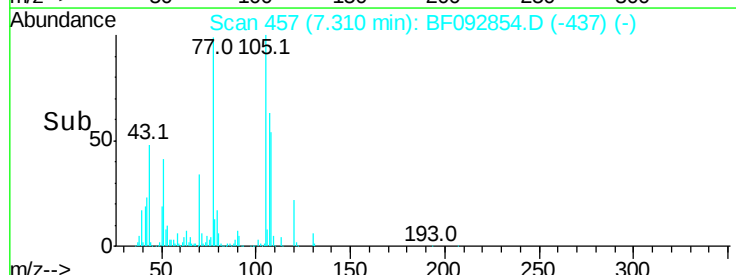
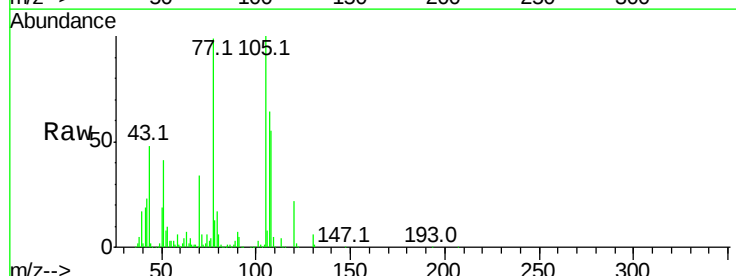
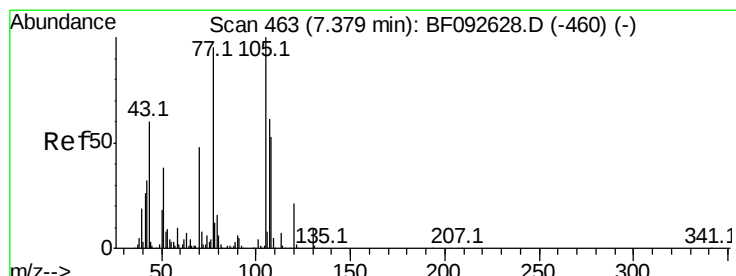
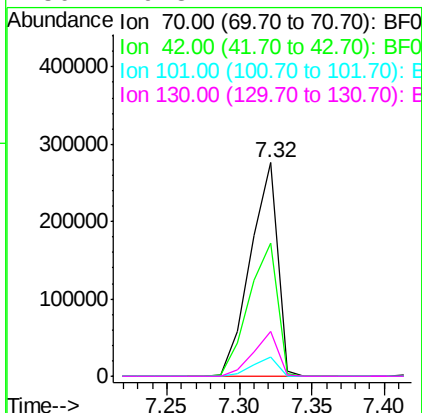
#19
n-Nitroso-di-n-propylamine
Concen: 41.57 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	70	Resp	358703
Ion Ratio	Lower	Upper	
70	100		
42	62.1	49.4	74.0
101	9.0	7.4	11.2
130	20.8	14.2	21.4

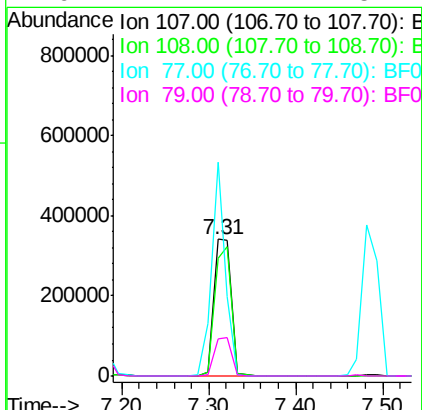
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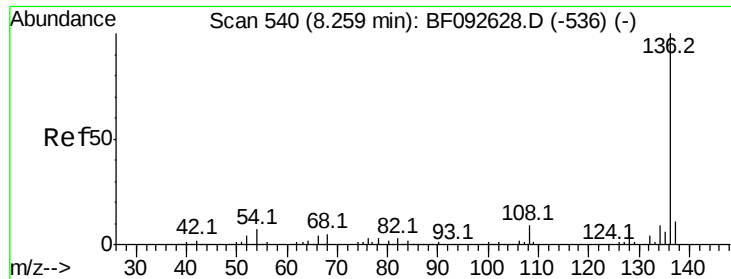
mohammad
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#20
3+4-Methylphenols
Concen: 40.66 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	107	Resp	484657
Ion Ratio	Lower	Upper	
107	100		
108	86.3	73.0	113.0
77	156.2	71.3	111.3#
79	27.2	11.1	51.1





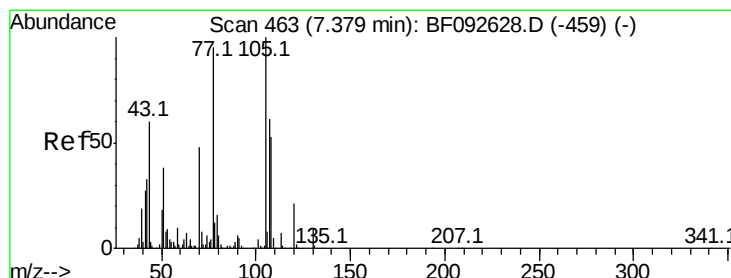
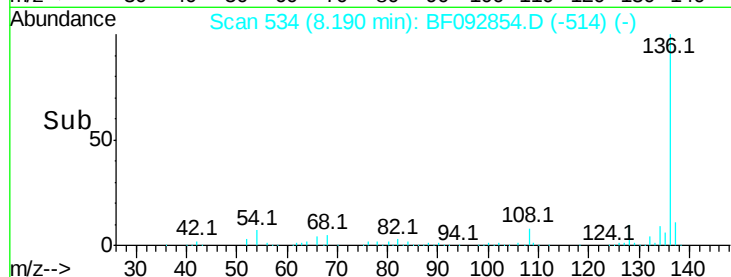
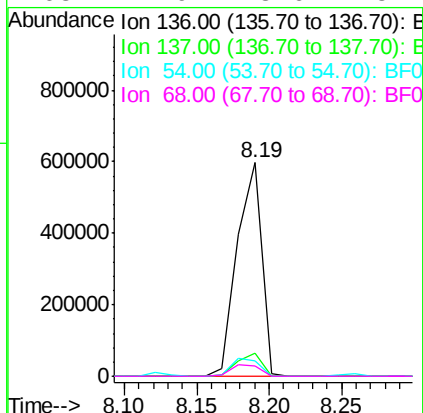
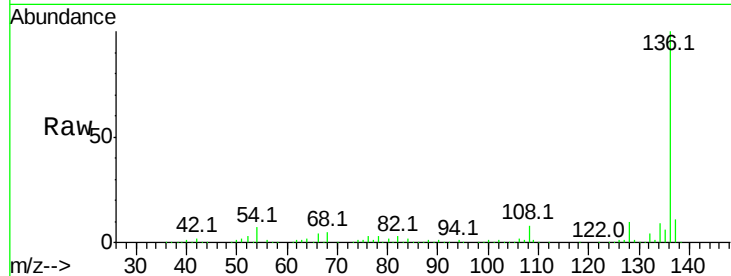
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.4	12.6	
54	7.0	4.5	6.7	
68	4.9	3.6	5.4	

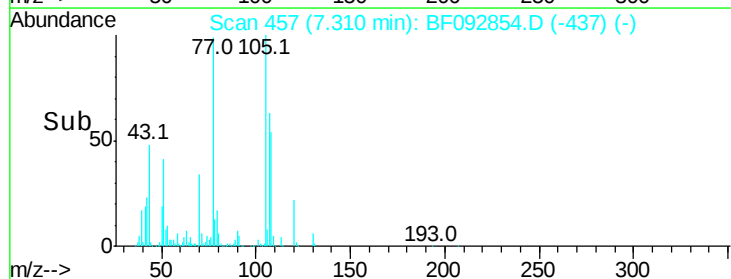
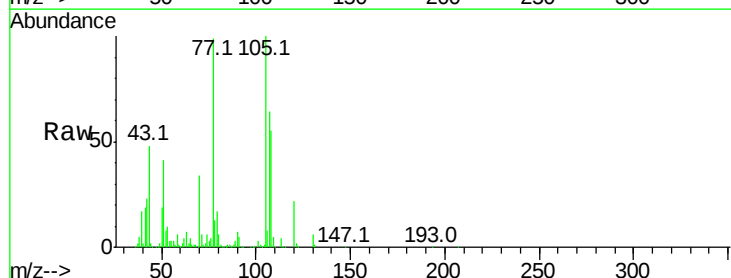
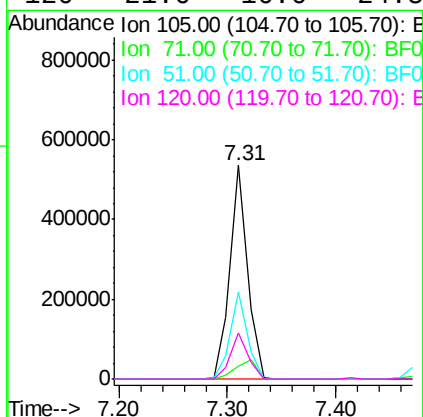
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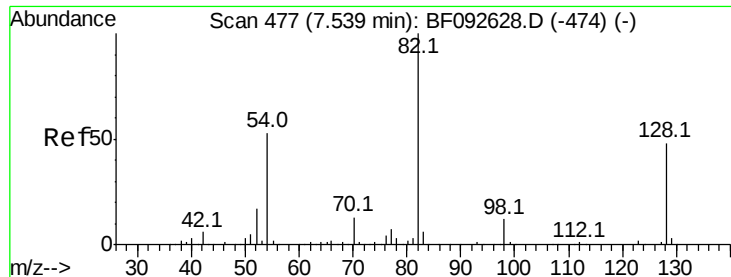
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#22
Acetophenone
Concen: 37.16 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	3.2	4.8	
51	40.8	26.2	39.4	
120	21.6	16.6	24.8	





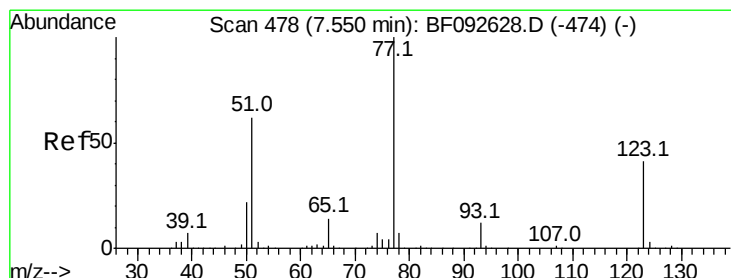
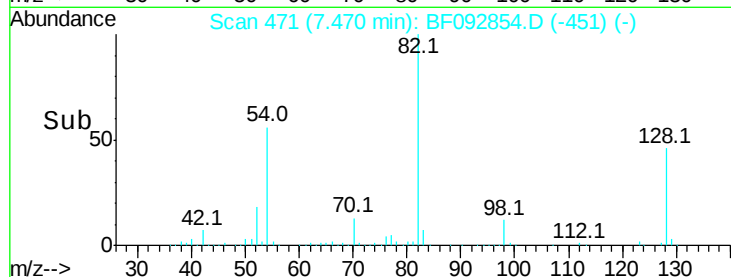
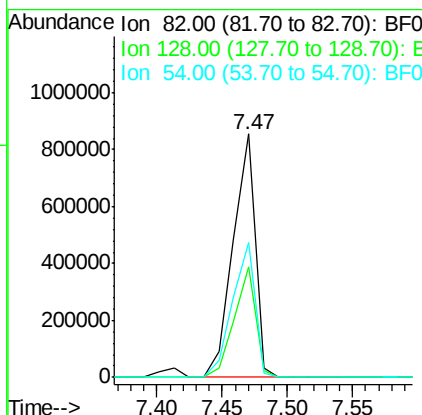
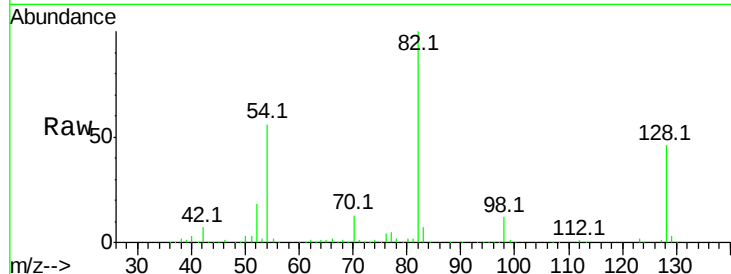
#23
Nitrobenzene-d5
Concen: 79.16 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	52.0
54	55.6	39.5	59.3

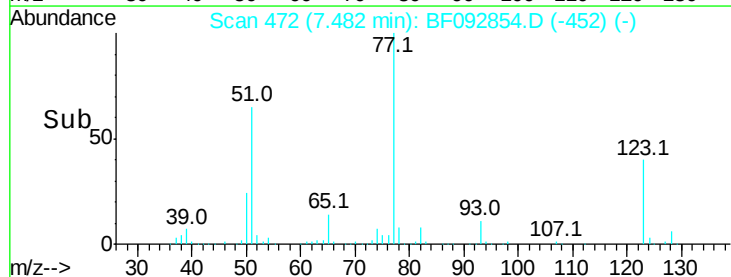
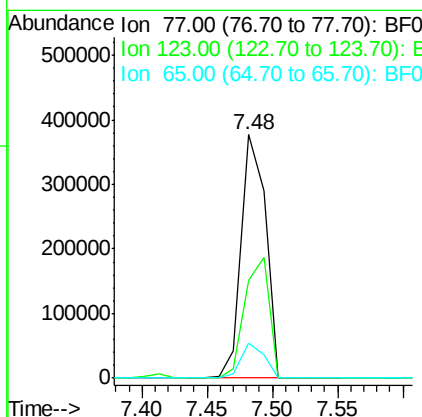
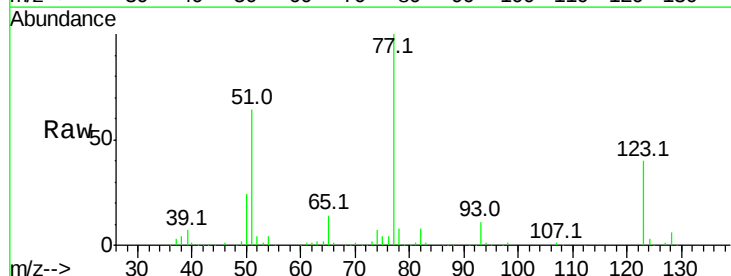
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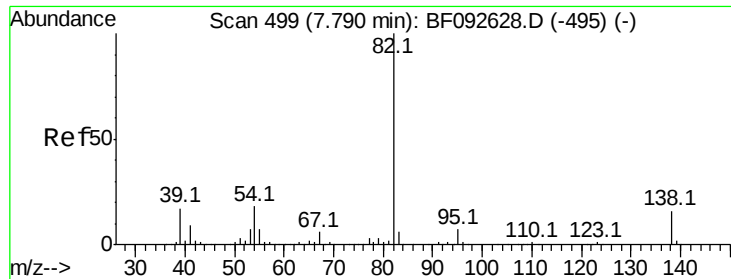
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#24
Nitrobenzene
Concen: 37.72 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	33.0	49.4
65	14.2	11.2	16.8





#25

Isophorone

Concen: 39.47 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Instrument :

BNA_F

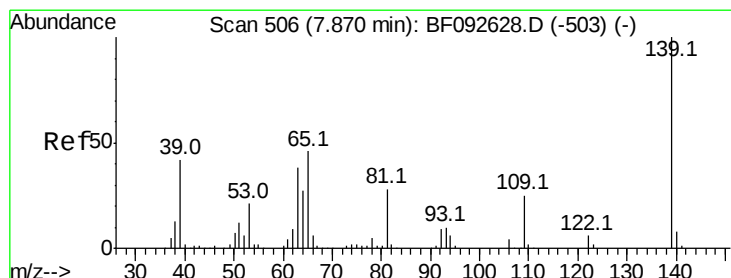
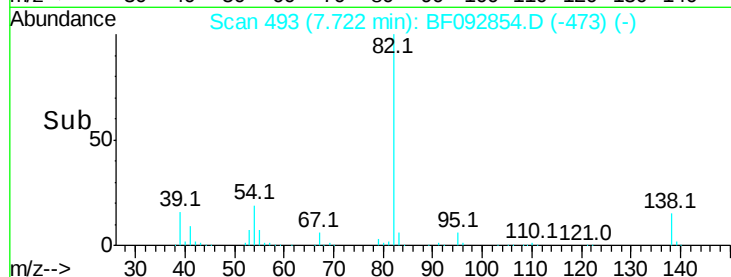
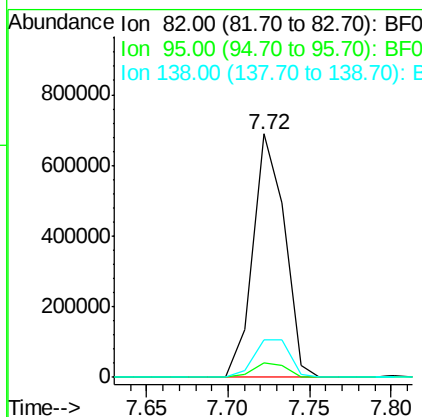
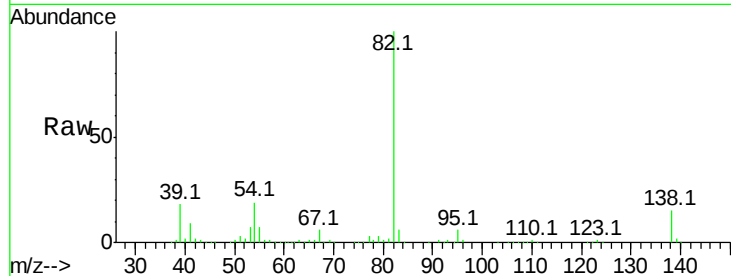
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	930712
Ion Ratio	Lower	Upper	
82	100		
95	6.1	5.6	8.4
138	15.4	14.6	22.0

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#26

2-Nitrophenol

Concen: 43.99 ng

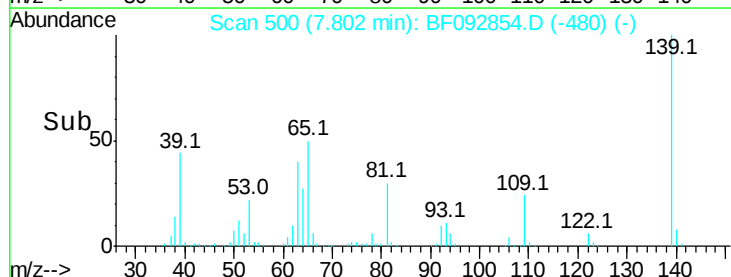
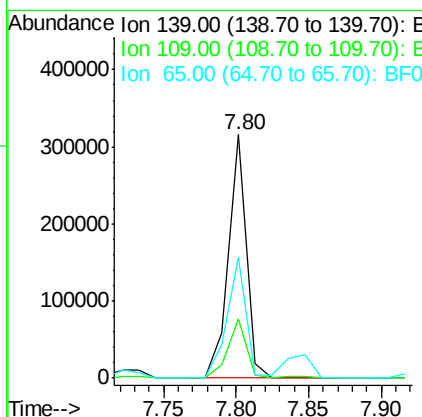
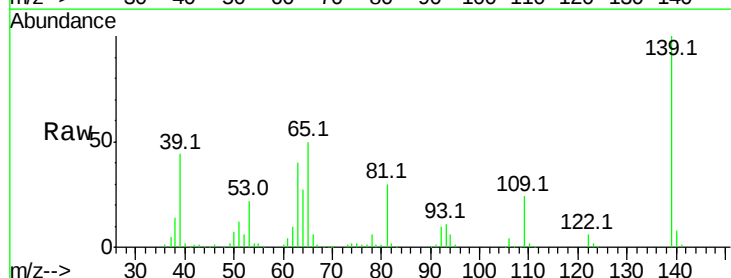
RT: 7.80 min Scan# 500

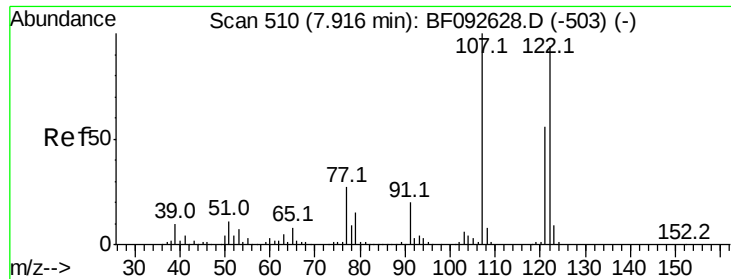
Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Tgt Ion:	139	Resp:	271755
Ion Ratio	Lower	Upper	
139	100		
109	24.5	23.3	34.9
65	49.5	42.7	64.1





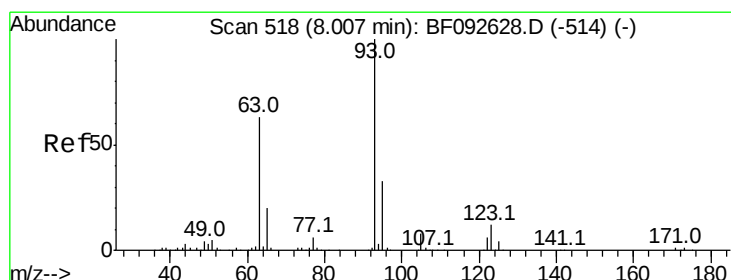
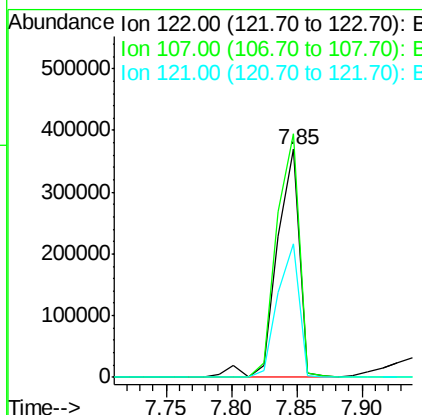
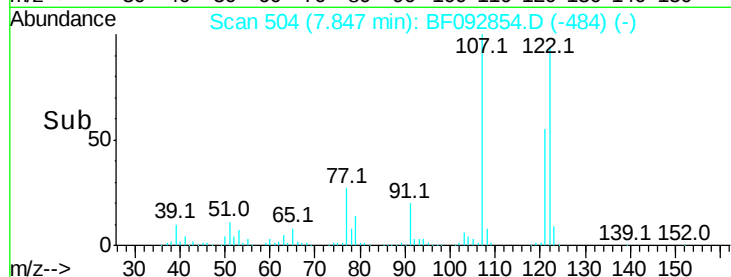
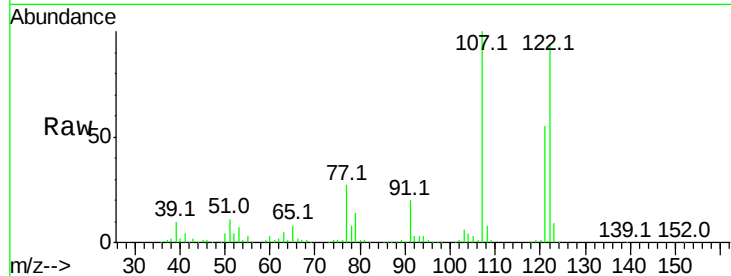
#27
2,4-Dimethylphenol
Concen: 41.36 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	448655		
107	106.7	94.1	141.1	
121	58.7	46.0	69.0	

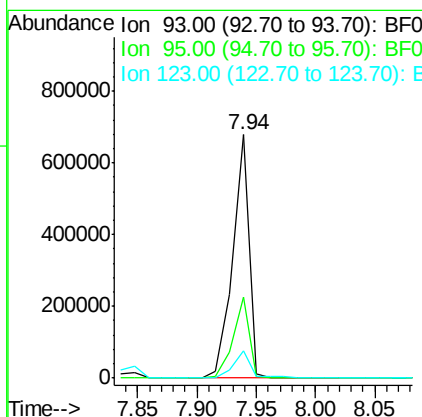
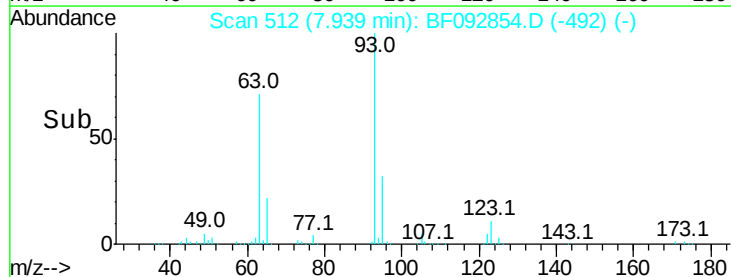
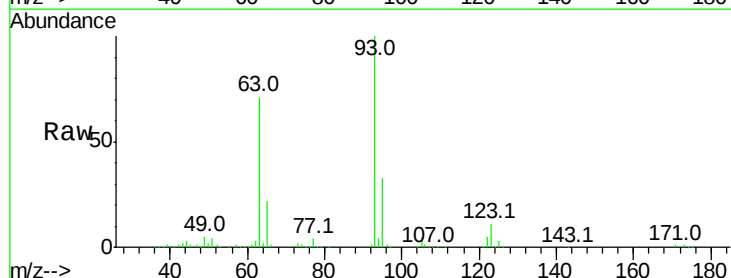
Manual Integrations
APPROVED

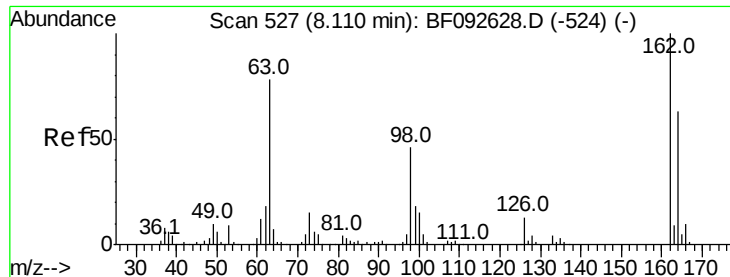
mohammad
2/9/2017 12:31:03 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.40 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	646573		
95	33.1	26.5	39.7	
123	11.0	8.6	13.0	





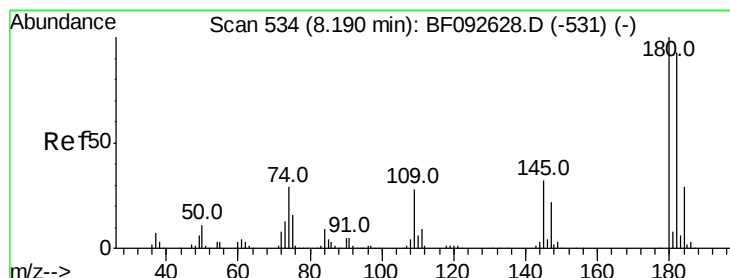
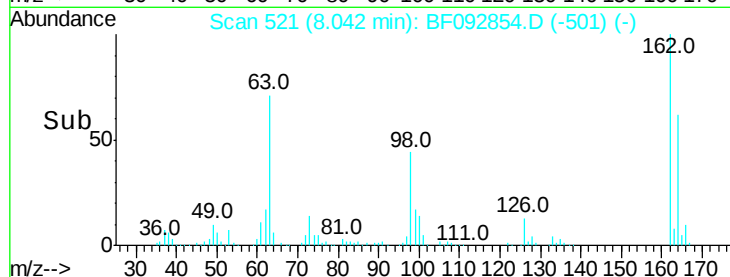
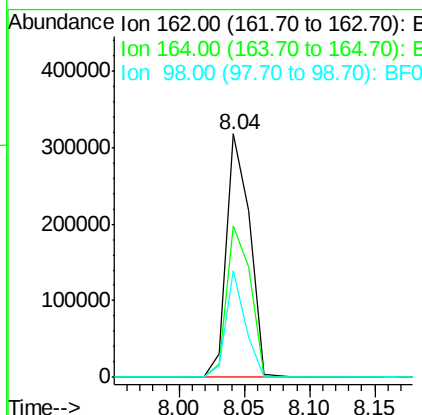
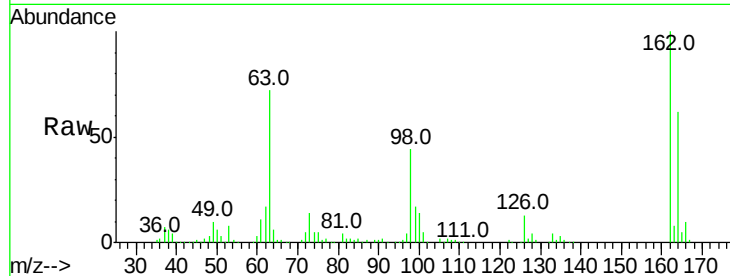
#29
 2,4-Dichlorophenol
 Concen: 38.83 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	392832		
164	62.3	46.8	86.8	
98	43.9	9.1	49.1	

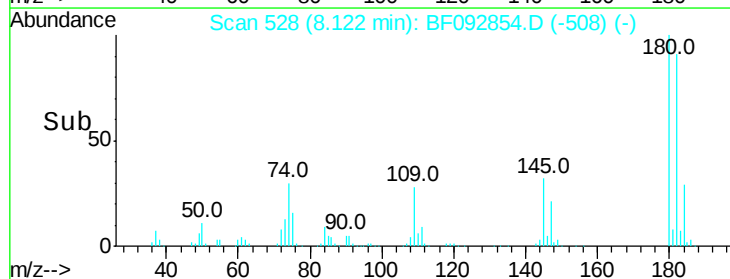
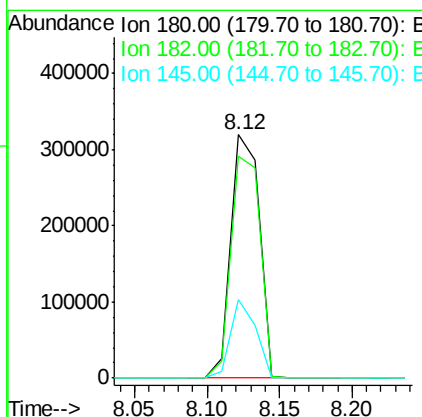
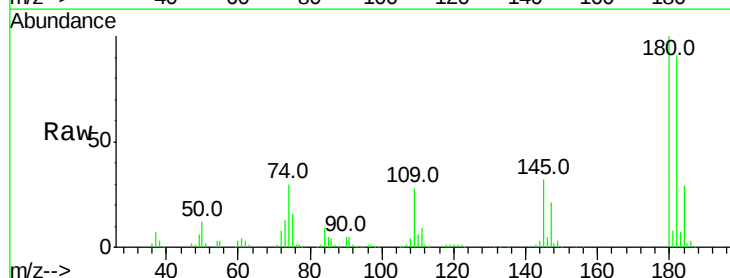
Manual Integrations
 APPROVED

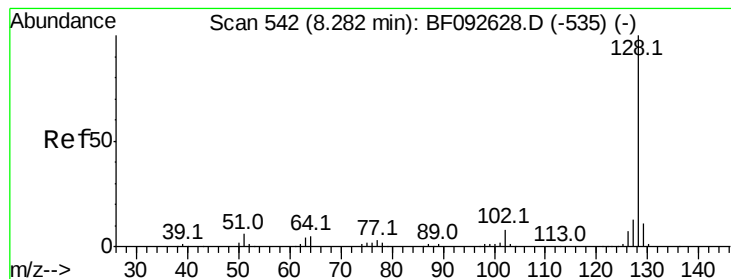
mohammad
 2/9/2017 12:31:03 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.84 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	434405		
182	91.2	78.2	117.4	
145	32.1	21.6	32.4	





#31

Naphthalene

Concen: 39.49 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1410645

Ion Ratio Lower Upper

128 100

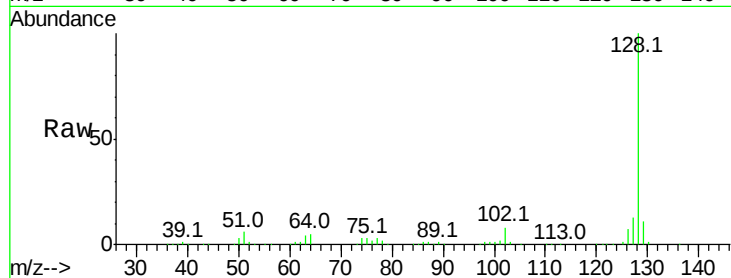
129 10.8 9.5 14.3

127 13.1 10.8 16.2

Manual Integrations
APPROVED

mohammad

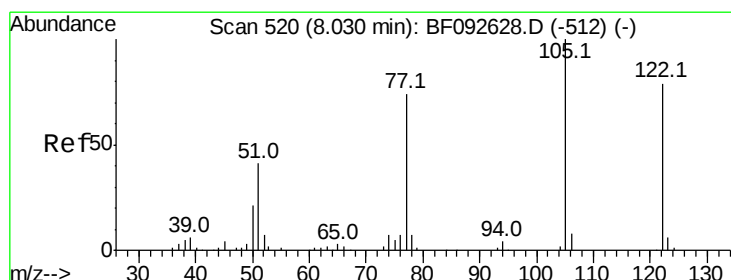
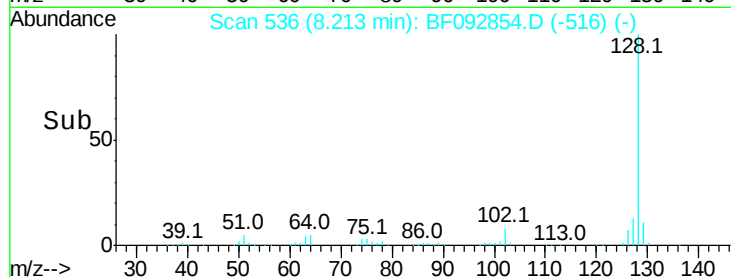
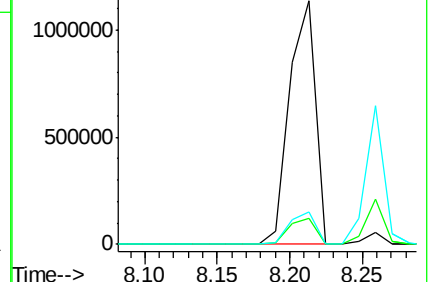
2/9/2017 12:31:03 PM



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: 37.27 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

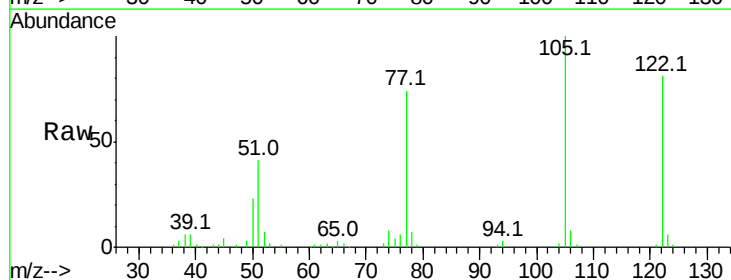
Tgt Ion:122 Resp: 217497

Ion Ratio Lower Upper

122 100

105 124.0 107.2 147.2

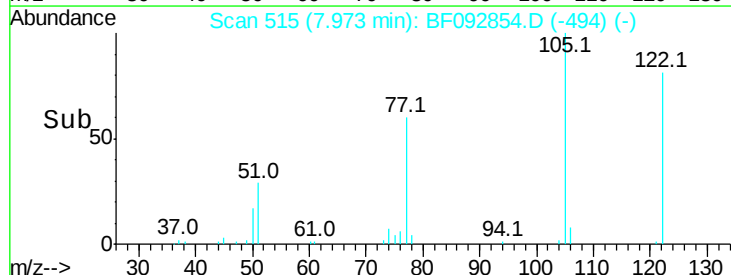
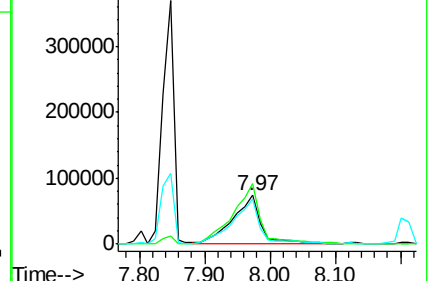
77 92.2 74.5 114.5

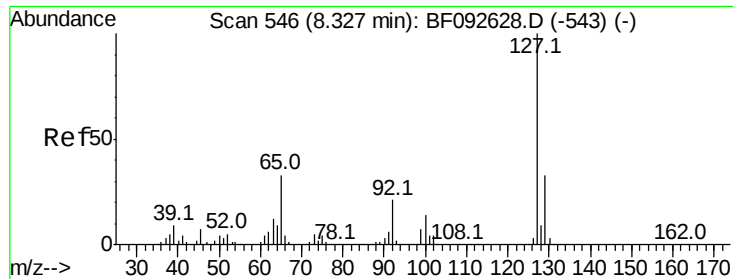


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





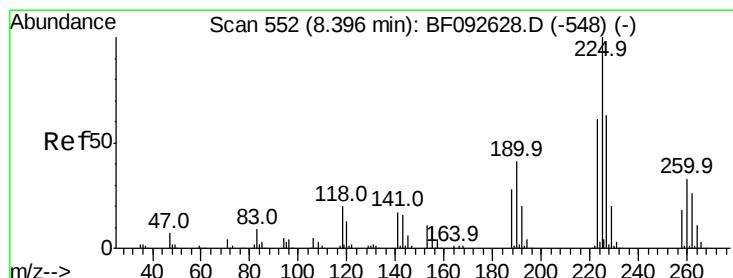
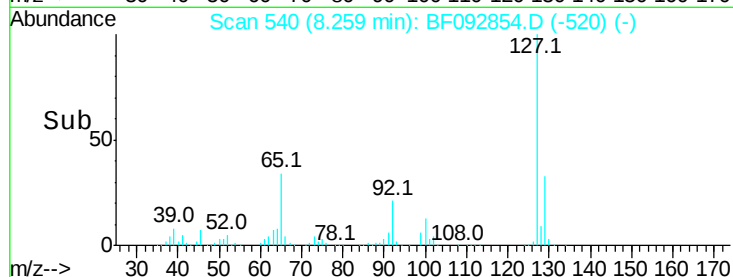
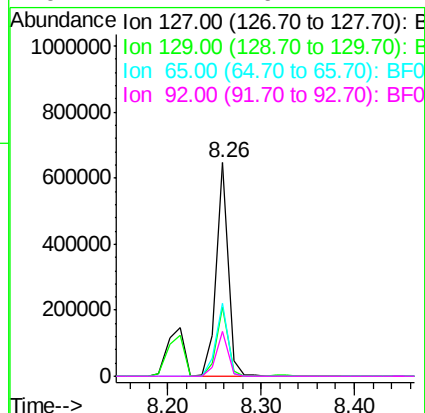
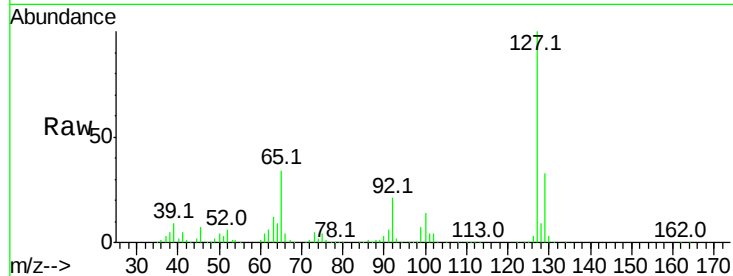
#33
4-Chloroaniline
Concen: 40.73 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.3	39.5	
65	33.9	25.8	38.8	
92	21.2	16.1	24.1	

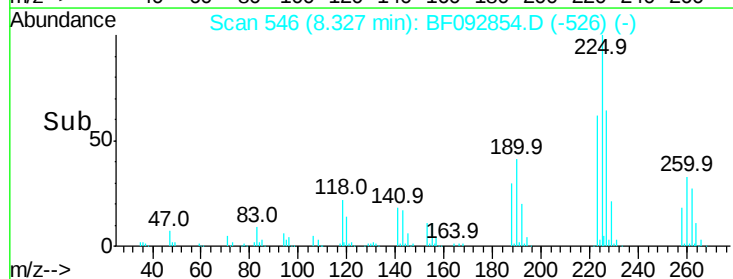
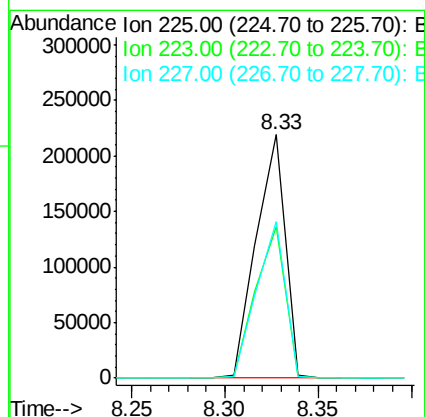
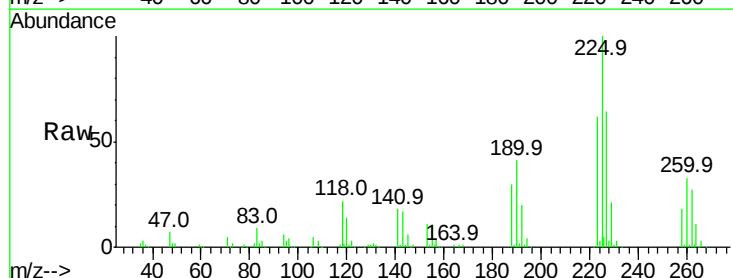
Manual Integrations
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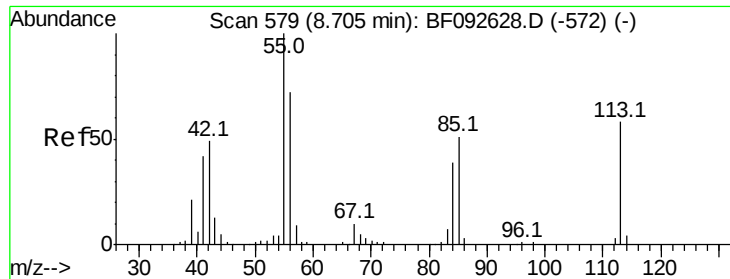
mohammad
2/9/2017 12:31:03 PM



#34
Hexachlorobutadiene
Concen: 39.21 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	51.0	76.6	
227	64.2	50.6	76.0	





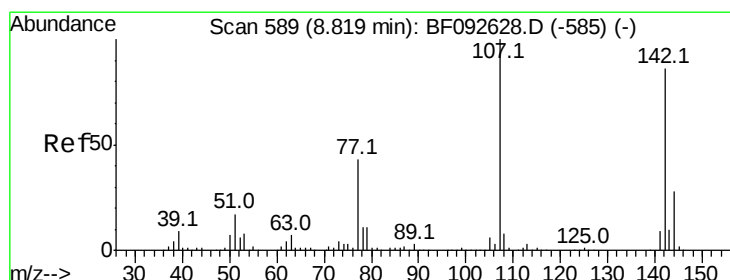
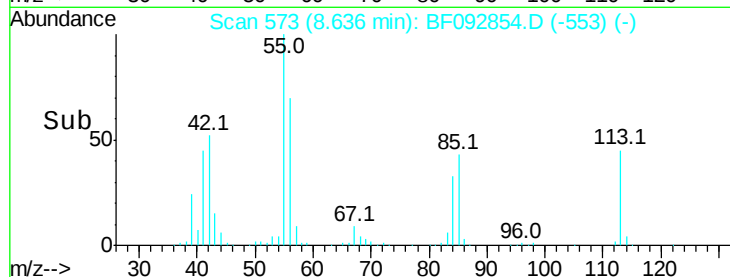
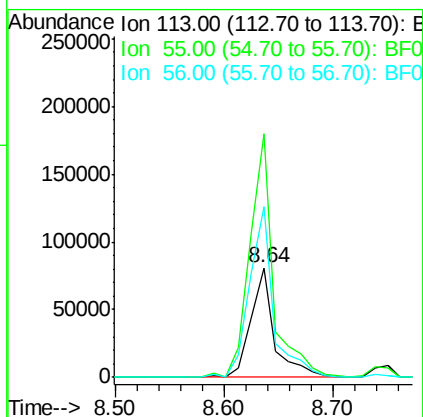
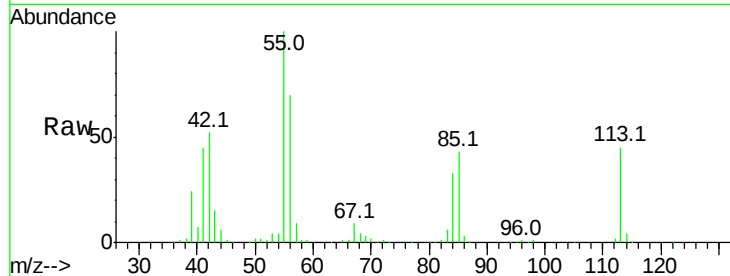
#35
Caprolactam
Concen: 38.22 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.0	119.2	159.2#
56	155.5	83.8	123.8#

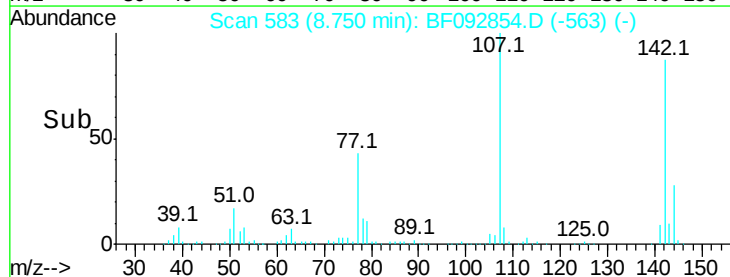
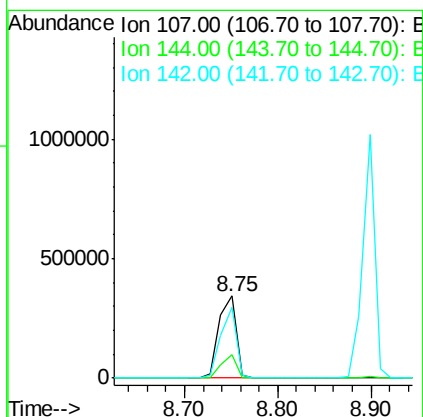
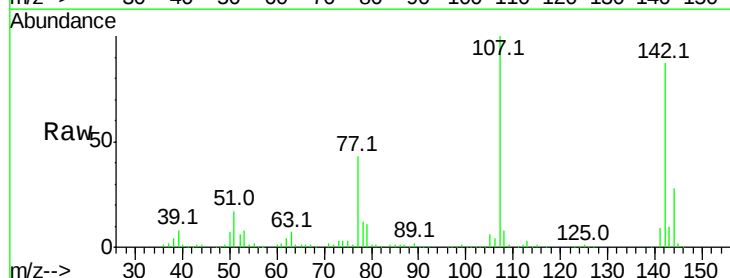
Manual Integrations
APPROVED

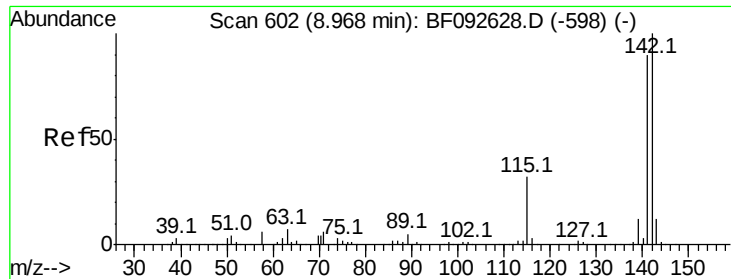
mohammad
2/9/2017 12:31:03 PM



#36
4-Chloro-3-methylphenol
Concen: 41.64 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	19.3	28.9
142	86.7	59.0	88.6





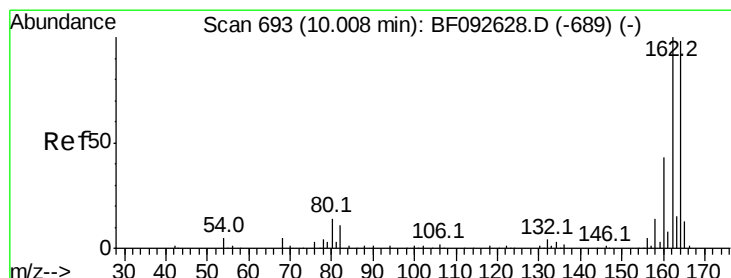
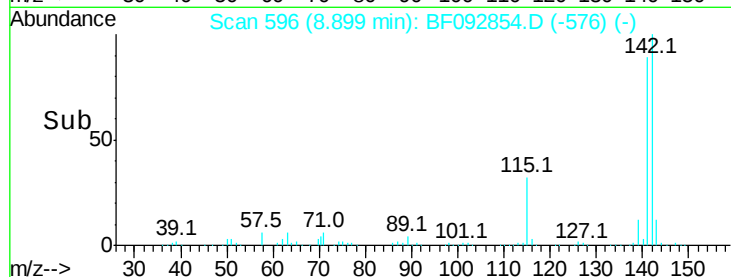
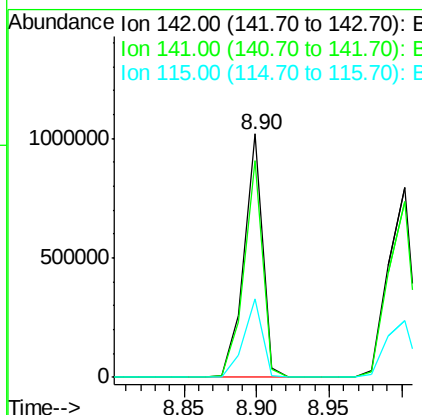
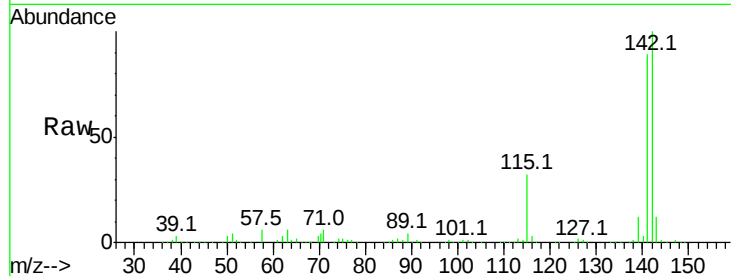
#37
2-Methylnaphthalene
Concen: 39.86 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	32.3	28.3	42.5

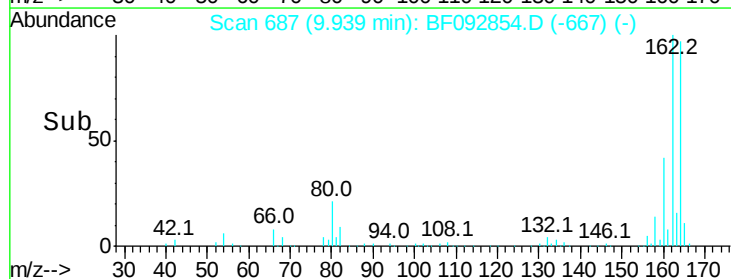
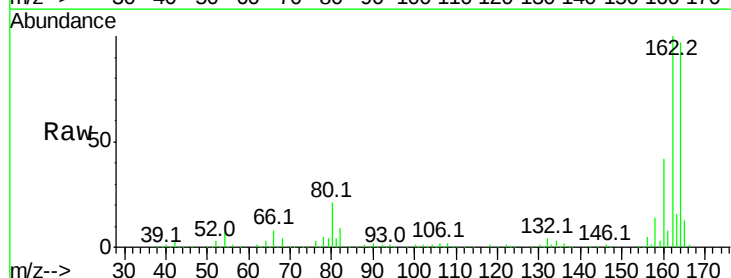
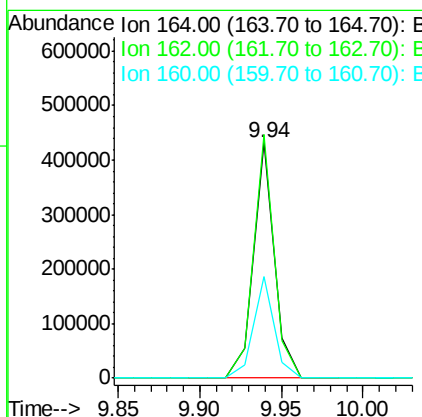
Manual Integrations
APPROVED

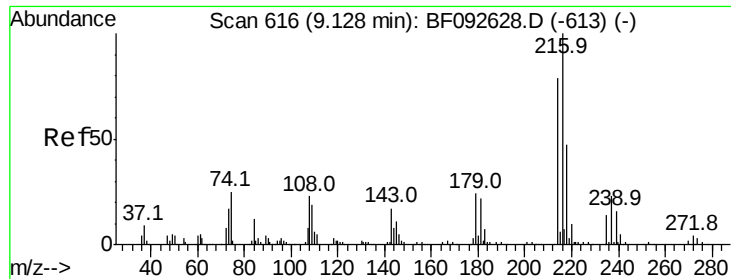
mohammad
2/9/2017 12:31:03 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.2	120.2
160	43.3	36.9	55.3





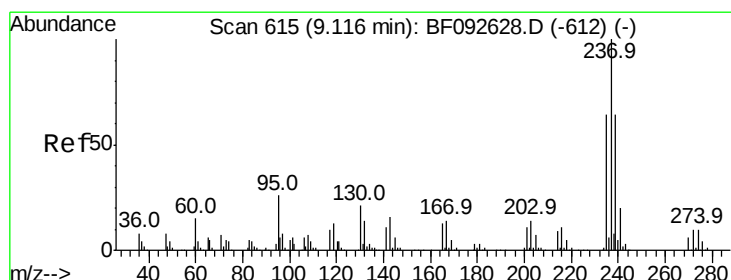
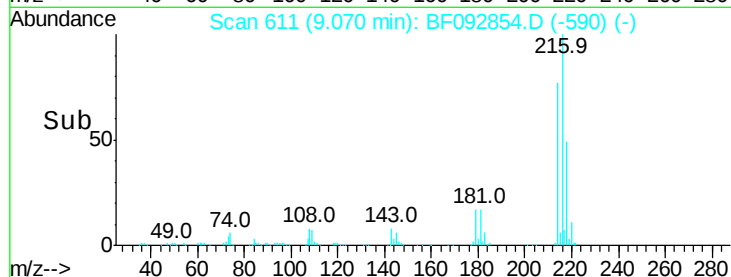
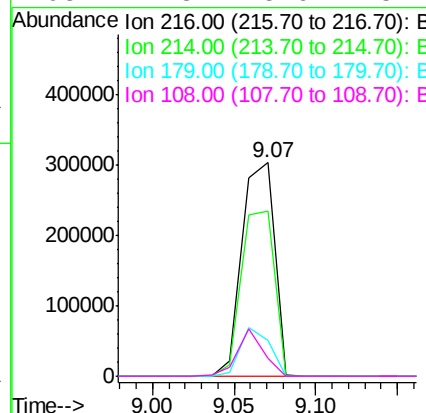
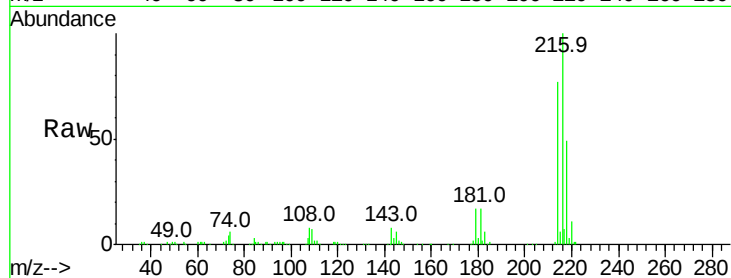
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.65 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	216	Resp:	417542
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.0
179	20.7	17.4	26.2
108	17.3	15.6	23.4

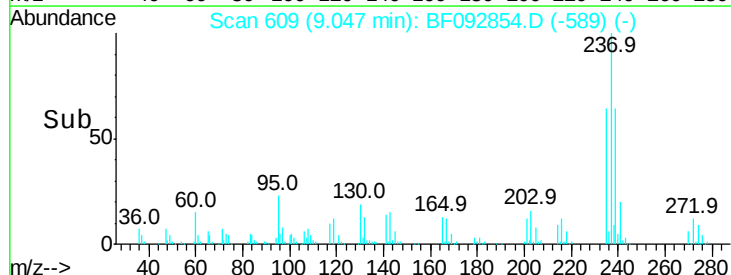
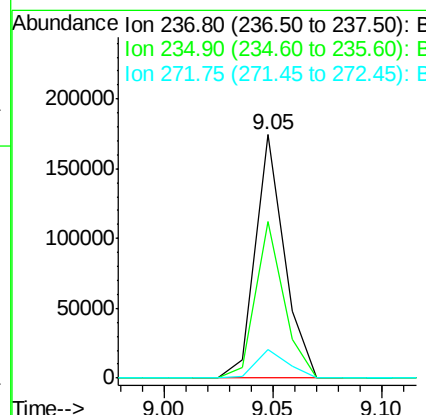
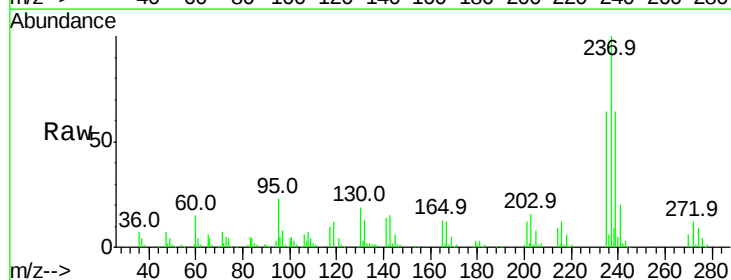
Manual Integrations
 APPROVED

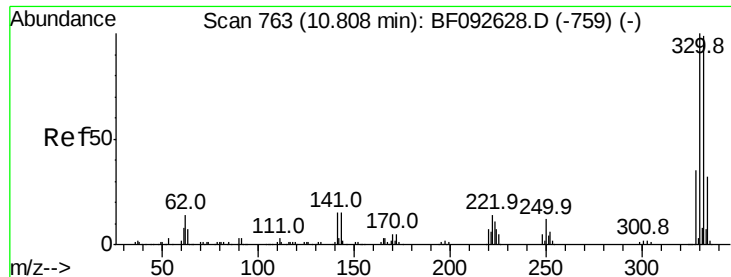
mohammad
 2/9/2017 12:31:03 PM



#40
 Hexachlorocyclopentadiene
 Concen: 33.08 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Tgt Ion:	237	Resp:	161213
Ion Ratio	Lower	Upper	
237	100		
235	64.4	41.2	81.2
272	11.6	0.0	35.4





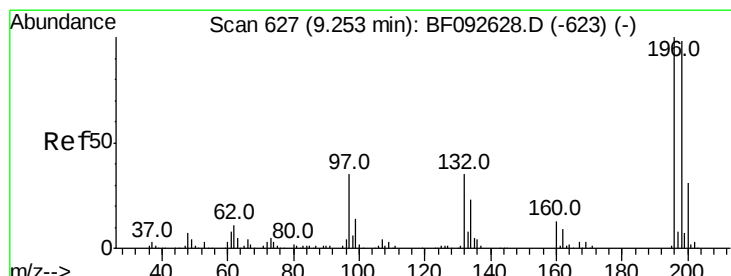
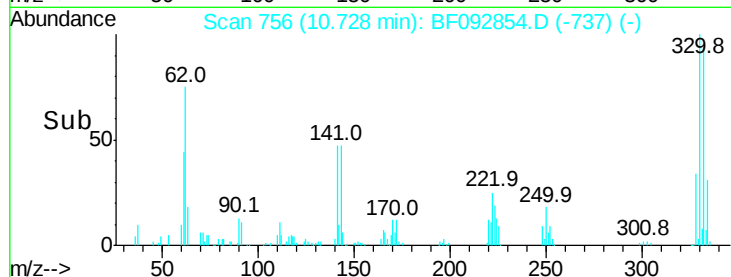
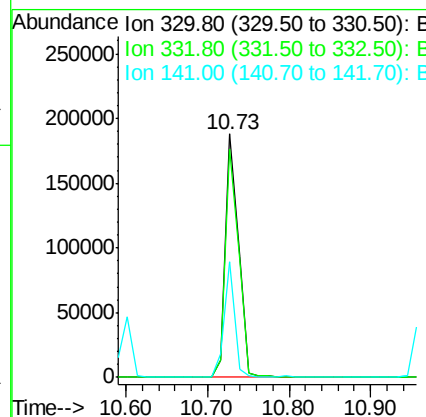
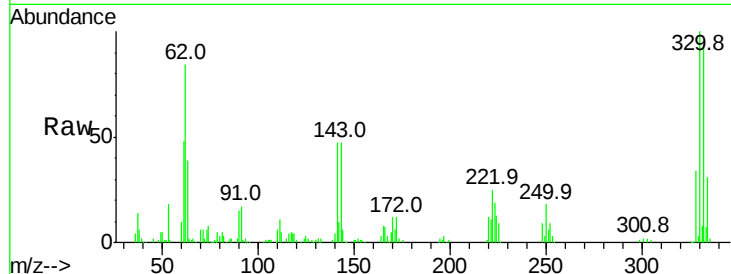
#41
 2,4,6-Tribromophenol
 Concen: 74.92 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	208535		
332	94.8	77.4	116.2	
141	38.2	34.1	51.1	

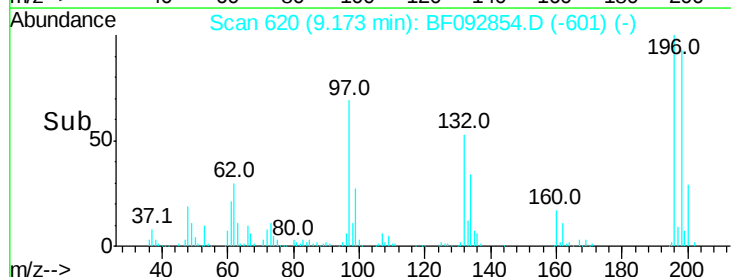
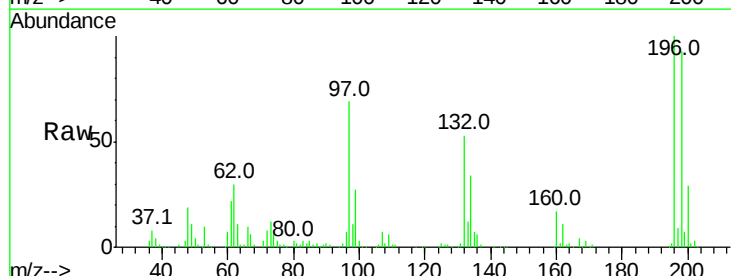
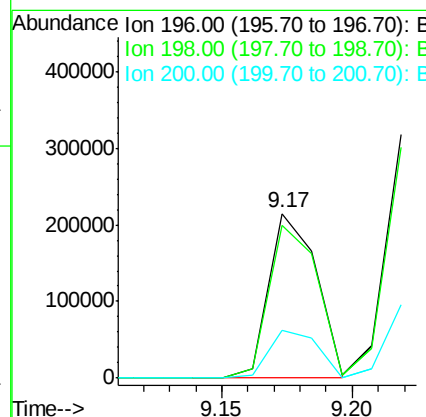
Manual Integrations
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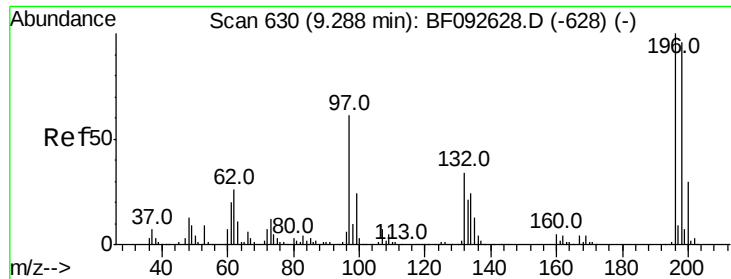
mohammad
 2/9/2017 12:31:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.44 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.08 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272877		
198	92.6	82.1	123.1	
200	29.3	27.0	40.4	





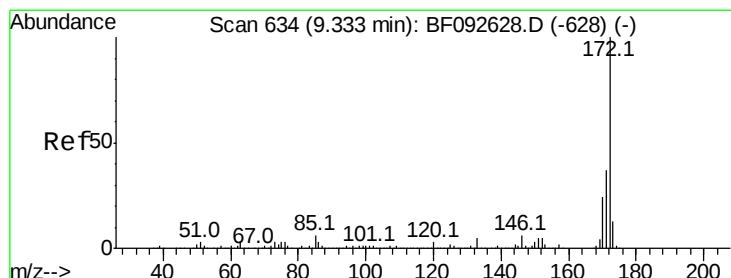
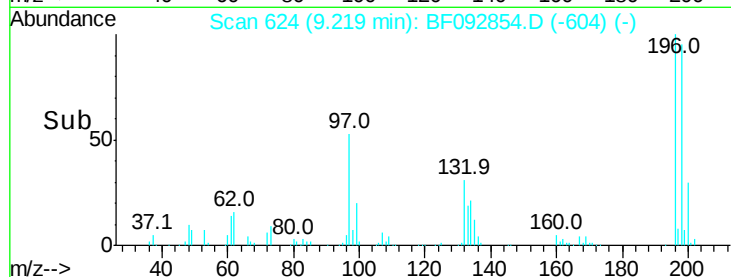
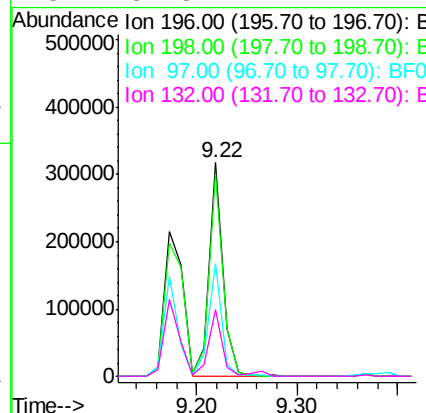
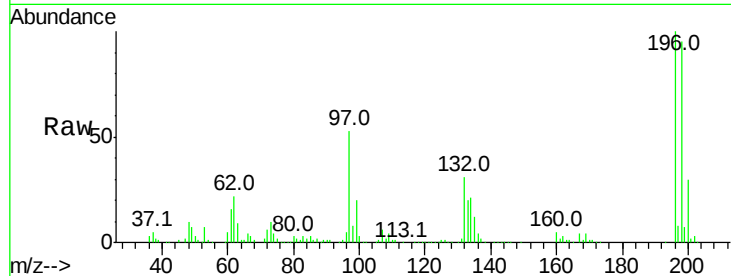
#43
 2,4,5-Trichlorophenol
 Concen: 38.77 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		301569		
198	94.6	79.4	119.2		
97	53.0	51.5	77.3		
132	31.3	27.4	41.2		

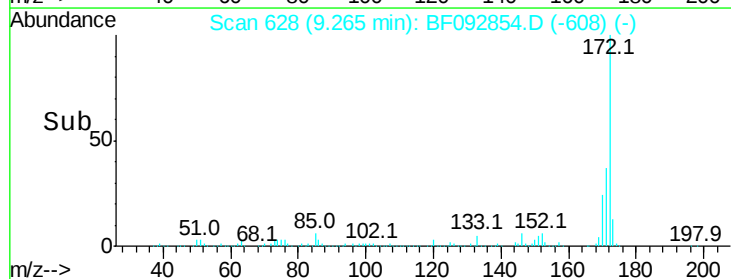
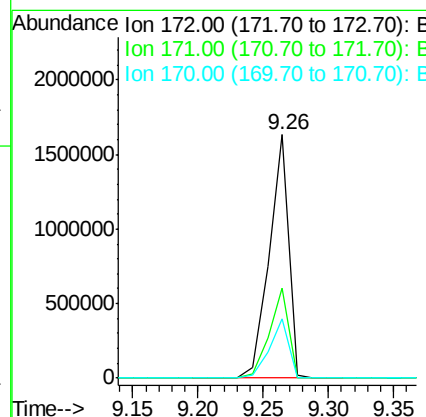
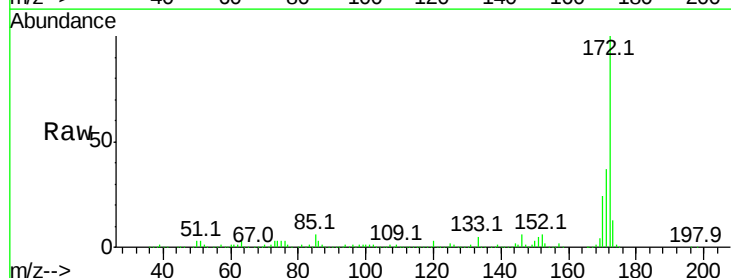
Manual Integrations
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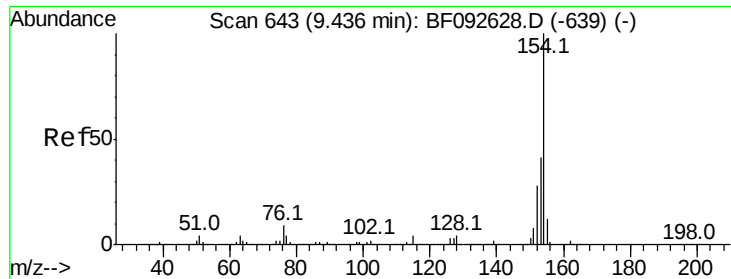
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 80.04 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1700348		
171	37.1	29.4	44.0		
170	24.5	20.2	30.4		





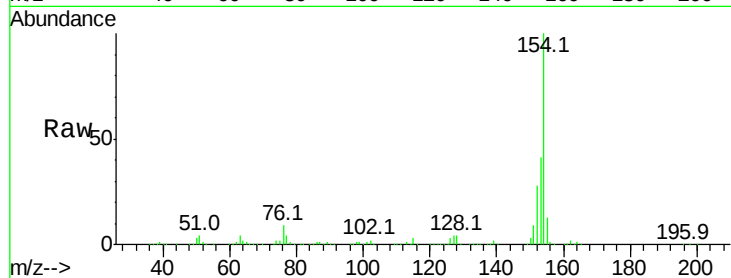
#45
1,1'-Biphenyl
Concen: 40.99 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

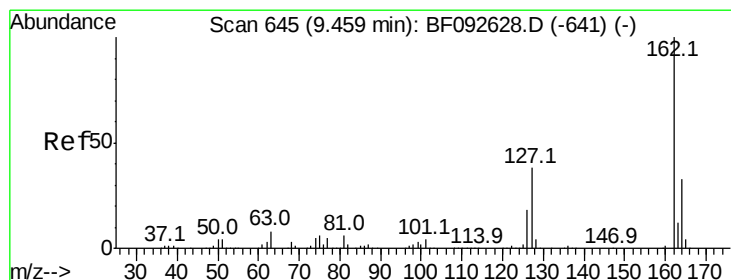
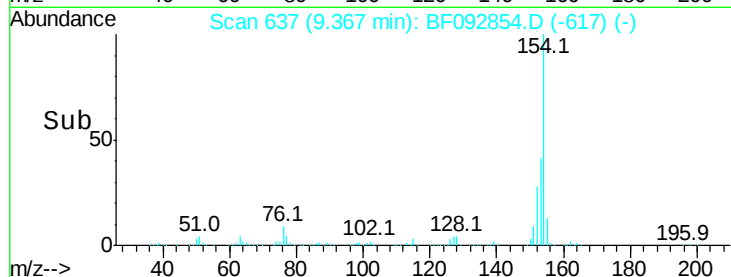
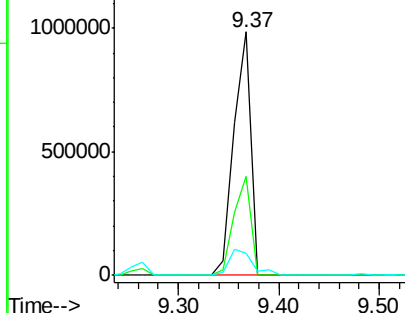
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	9.1	0.0	30.5

Manual Integrations
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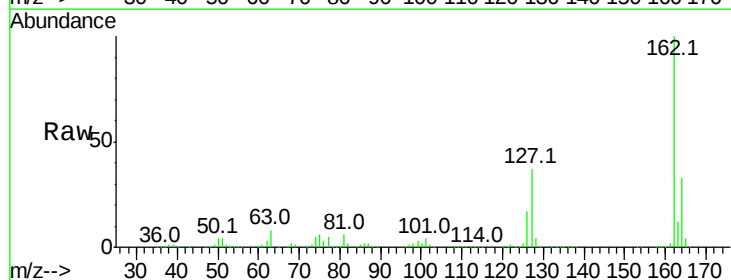


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

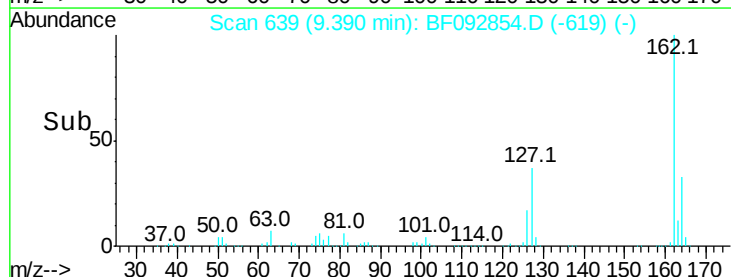
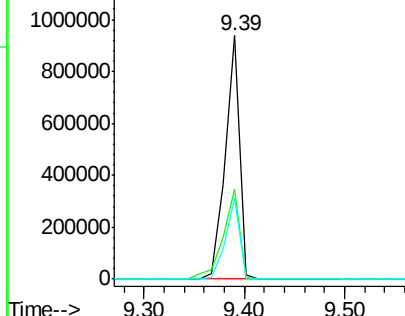


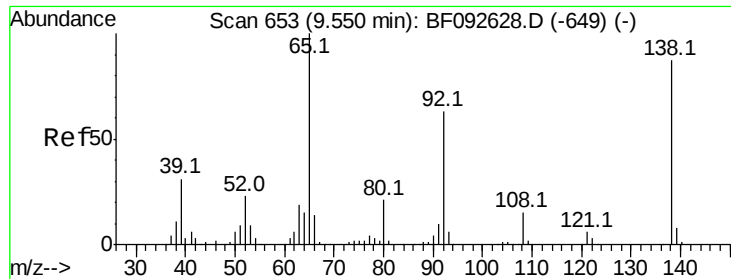
#46
2-Chloronaphthalene
Concen: 42.14 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.7	46.1
164	33.4	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





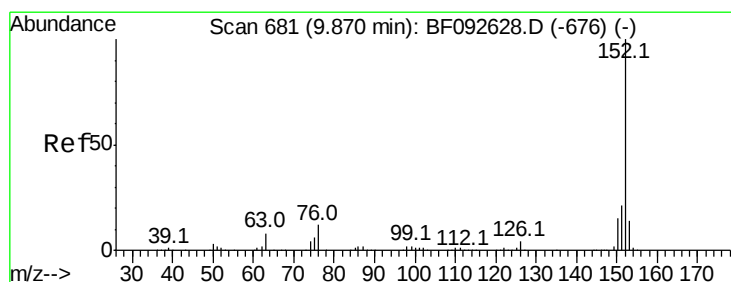
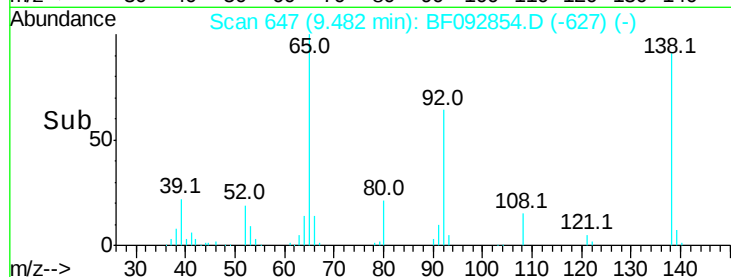
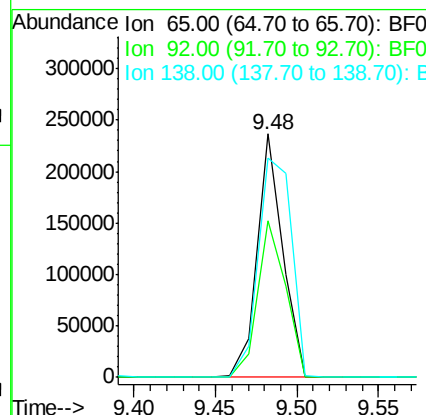
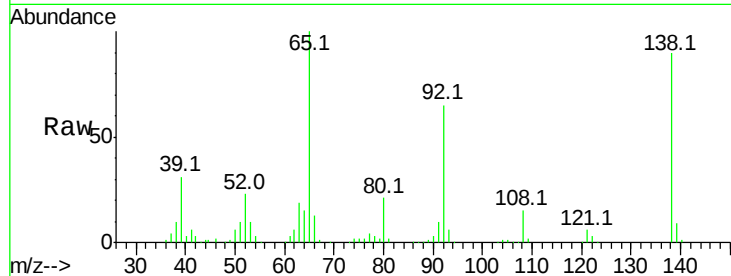
#47
2-Nitroaniline
Concen: 35.26 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	53.9	80.9
138	90.2	76.8	115.2

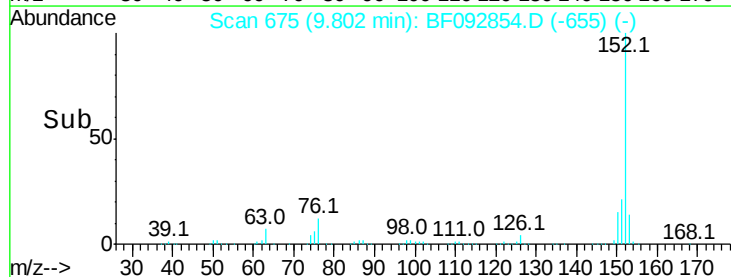
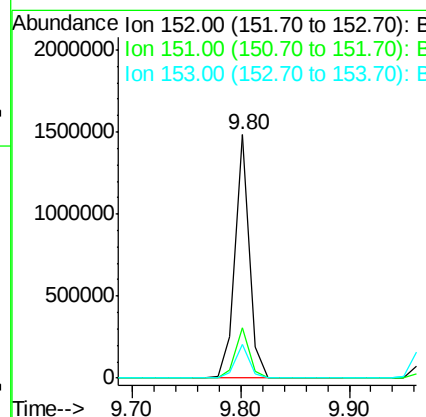
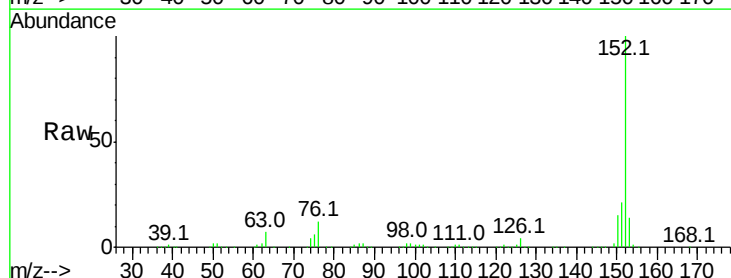
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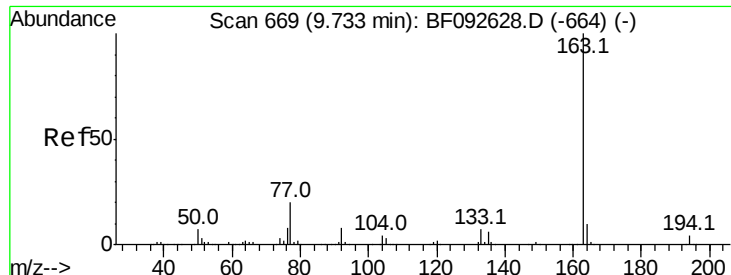
mohammad
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#48
Acenaphthylene
Concen: 35.47 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.8	11.4	17.2





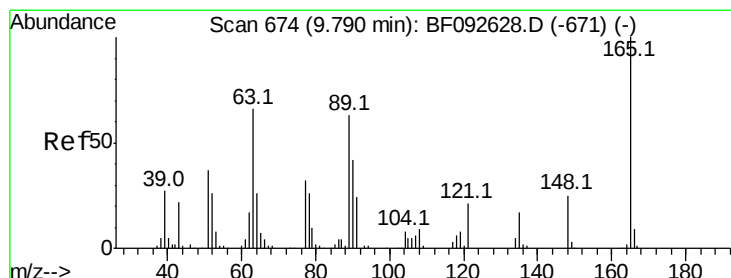
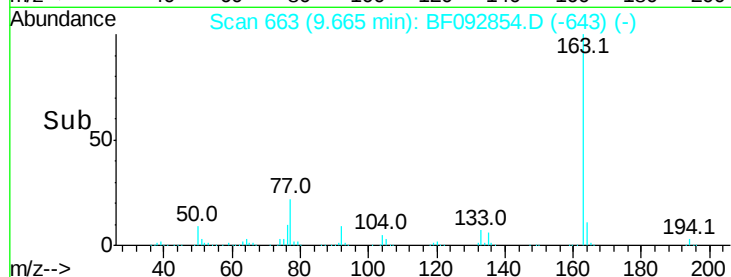
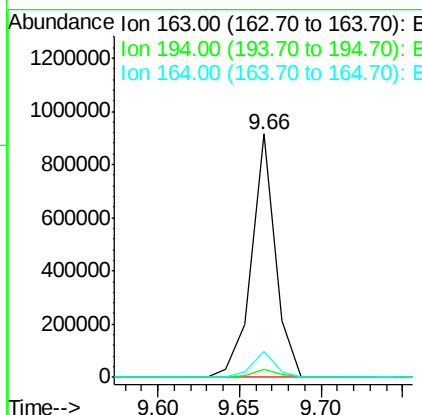
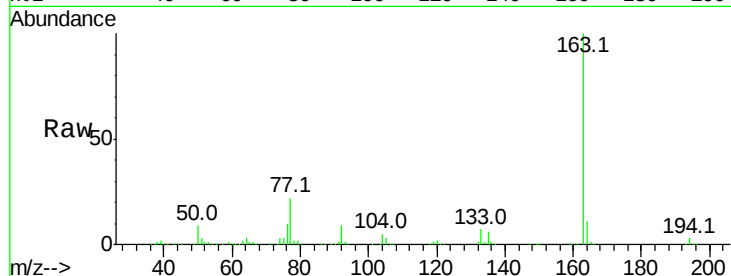
#49
Dimethylphthalate
Concen: 36.05 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	3.0	4.4	
164	10.6	8.0	12.0	

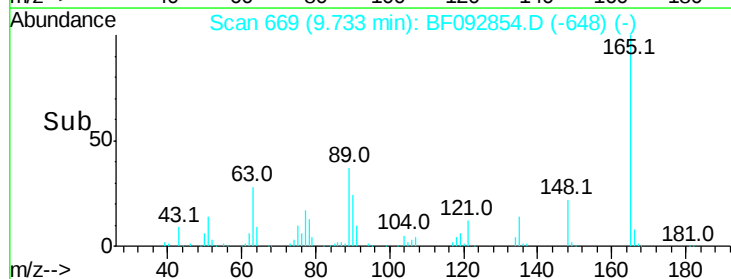
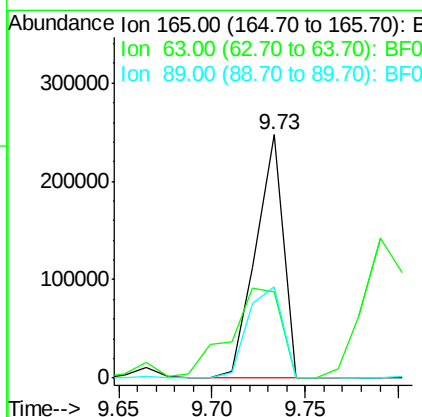
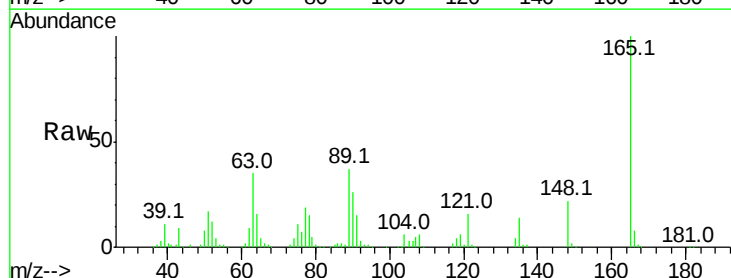
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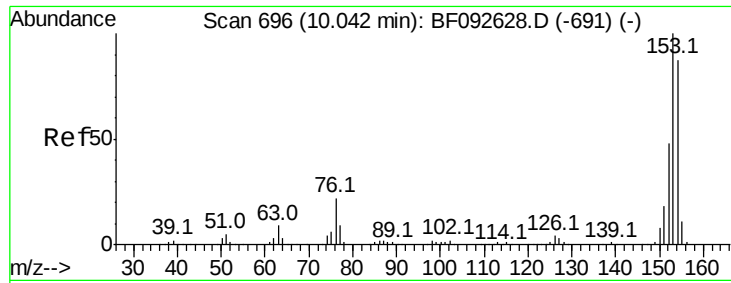
mohammad
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#50
2,6-Dinitrotoluene
Concen: 45.11 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.06 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.3	36.2	54.4#	
89	37.3	40.2	60.4#	





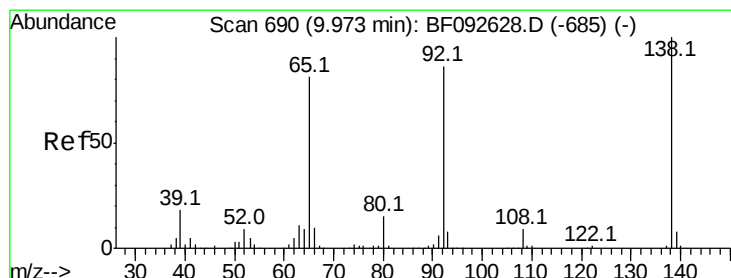
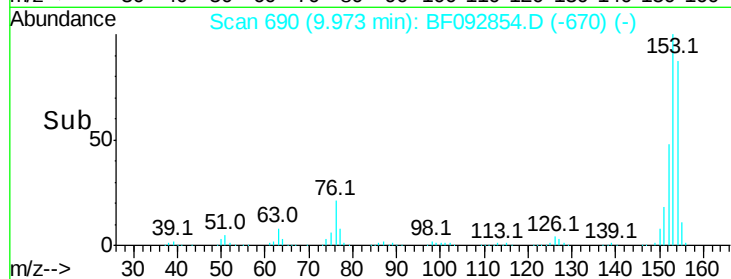
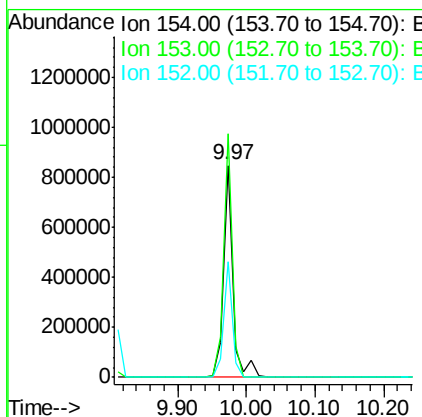
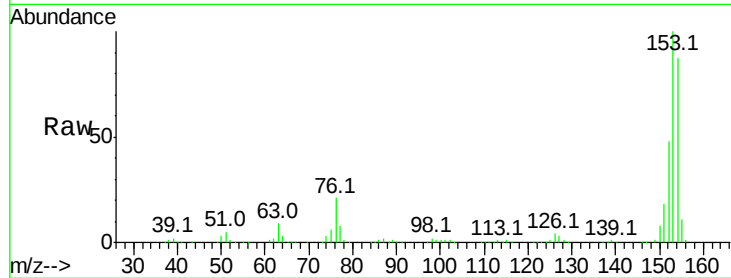
#51
Acenaphthene
Concen: 36.68 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	88.6	133.0
152	54.6	41.6	62.4

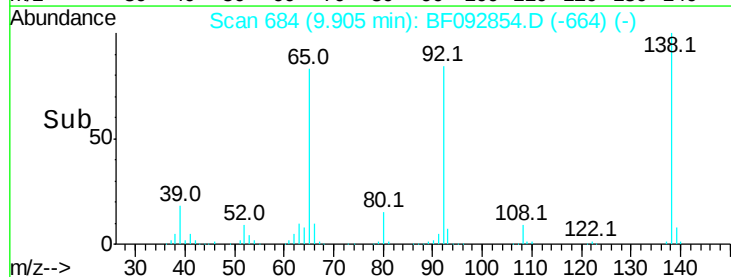
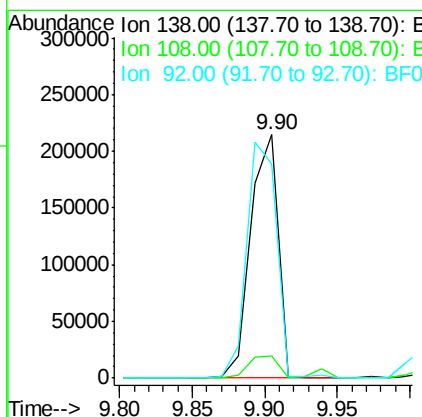
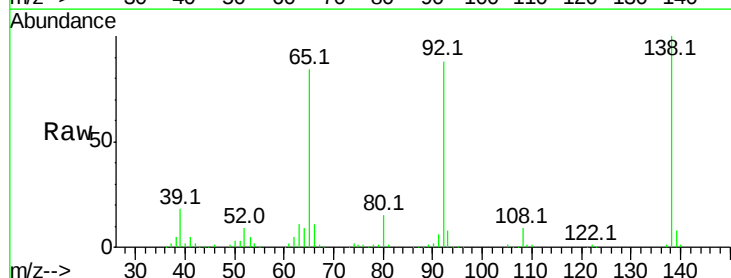
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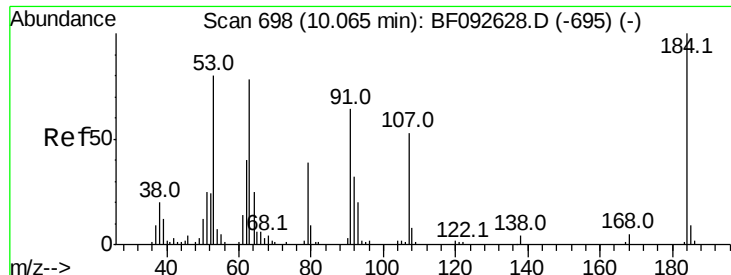
mohammad
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#52
3-Nitroaniline
Concen: 43.88 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	8.5	12.7
92	87.8	97.8	146.8#





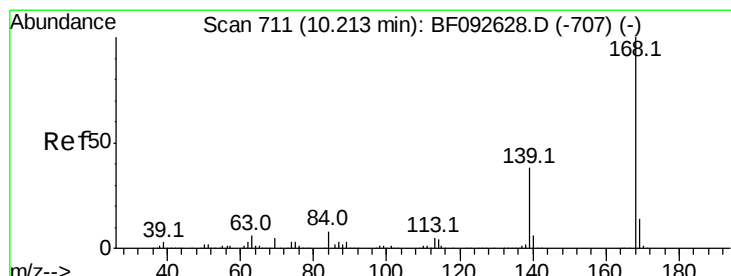
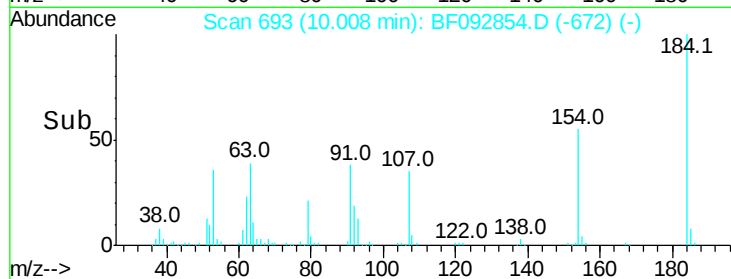
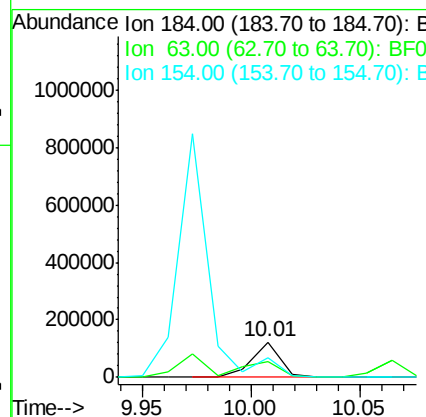
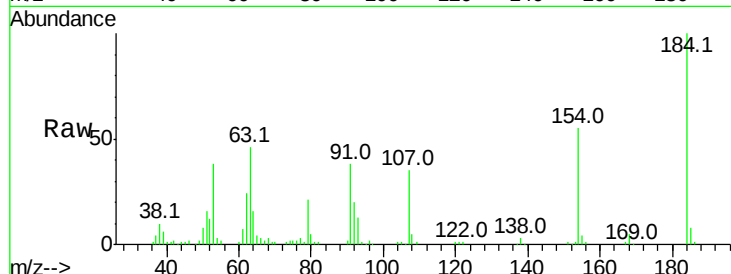
#53
 2,4-Dinitrophenol
 Concen: 41.71 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.06 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	46.4	28.4	42.6	
154	54.7	44.3	66.5	

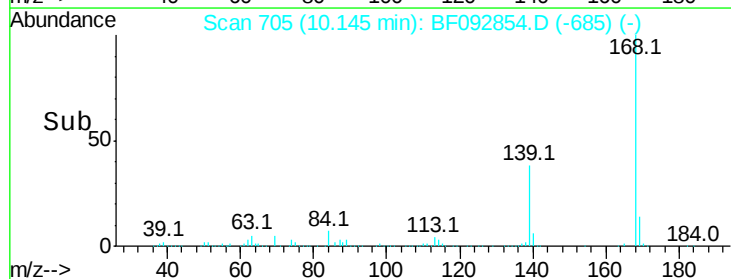
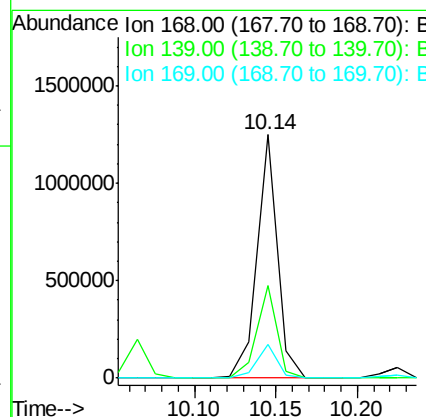
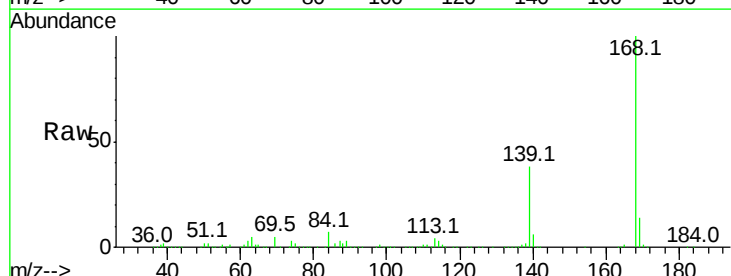
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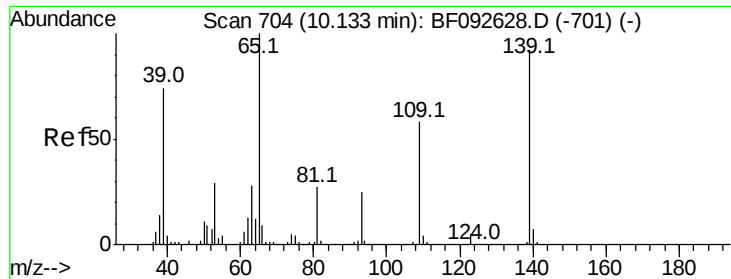
mohammad
 2/9/2017 12:31:03 PM



#54
 Dibenzofuran
 Concen: 36.16 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.0	32.6	49.0	
169	13.7	11.3	16.9	





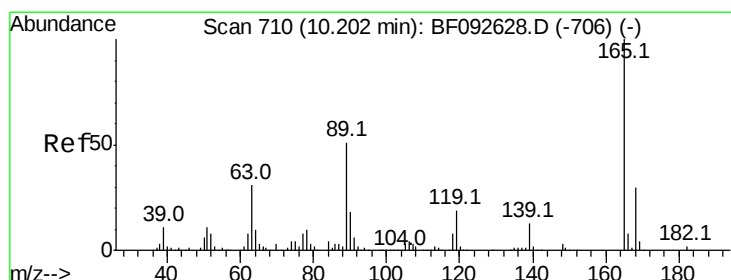
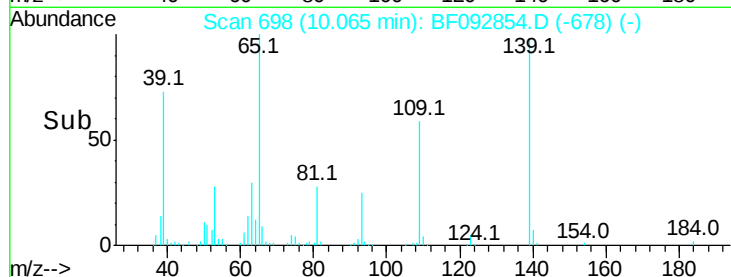
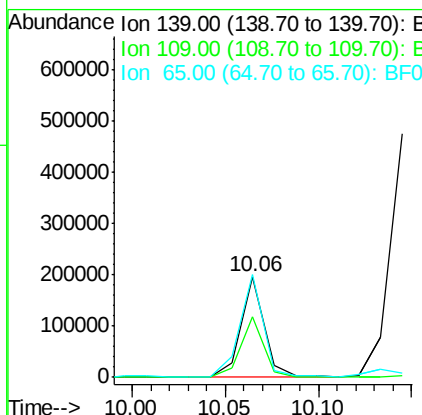
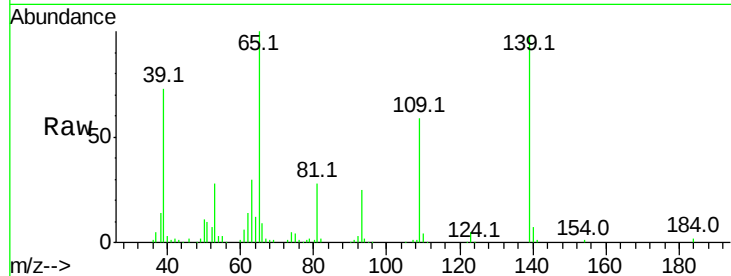
#55
4-Nitrophenol
Concen: 37.74 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.2	52.2	92.2
65	102.4	85.8	125.8

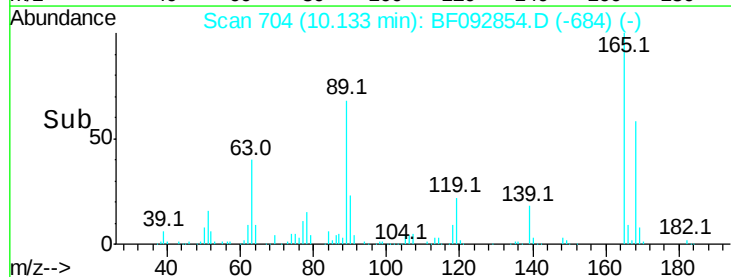
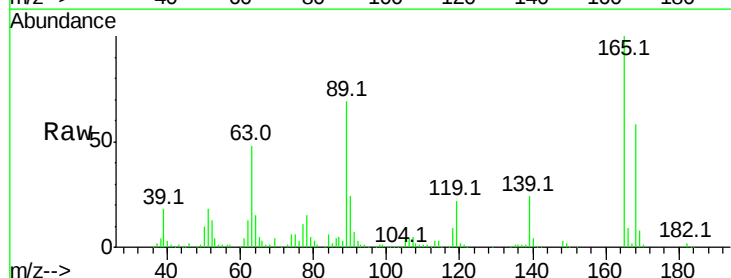
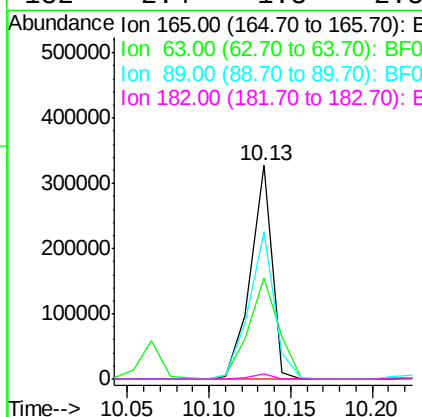
Manual Integrations
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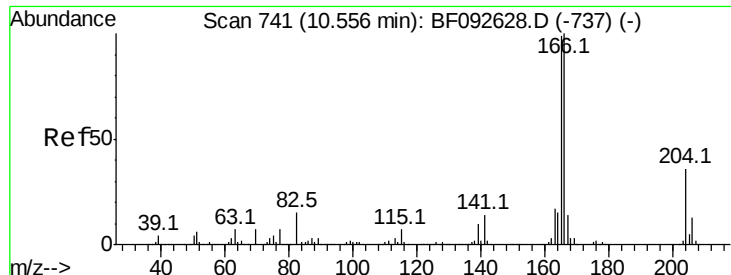
mohammad
2/9/2017 12:31:03 PM



#56
2,4-Dinitrotoluene
Concen: 40.45 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.6	40.2	60.4
89	68.8	62.5	93.7
182	2.4	1.8	2.8





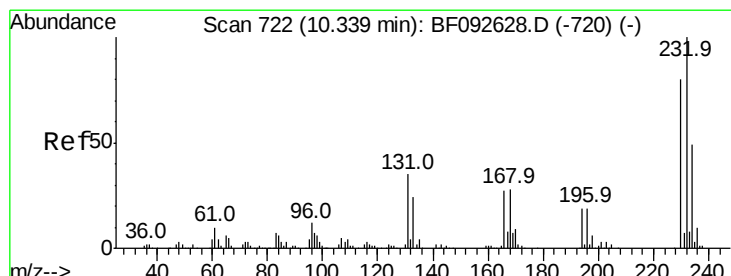
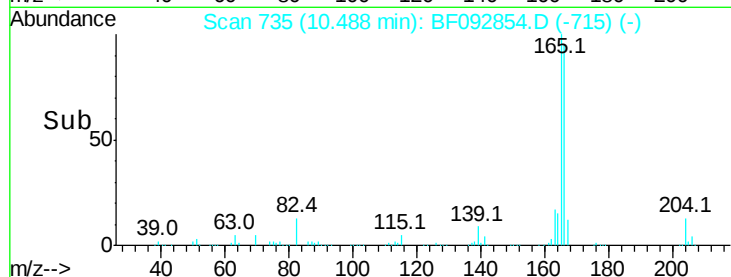
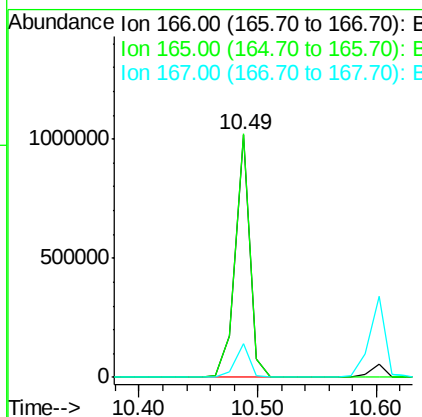
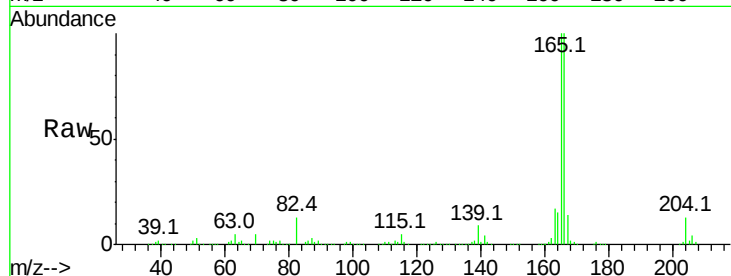
#57
Fluorene
 Concen: 38.00 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	77.8	116.8	
167	13.6	10.8	16.2	

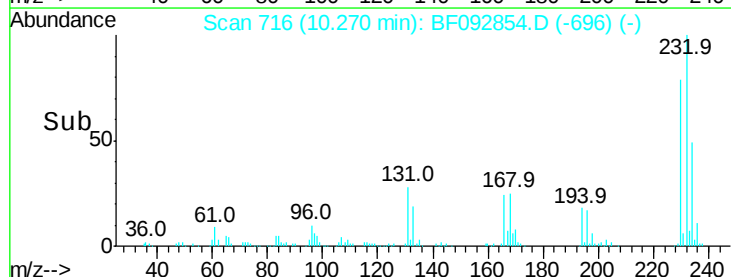
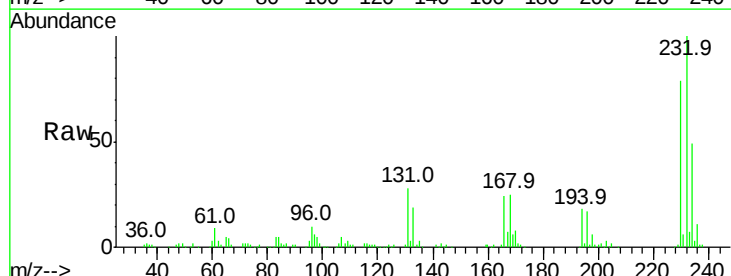
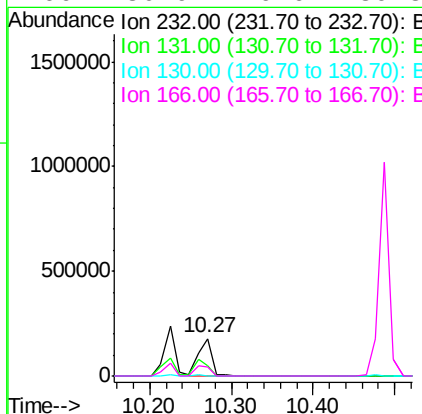
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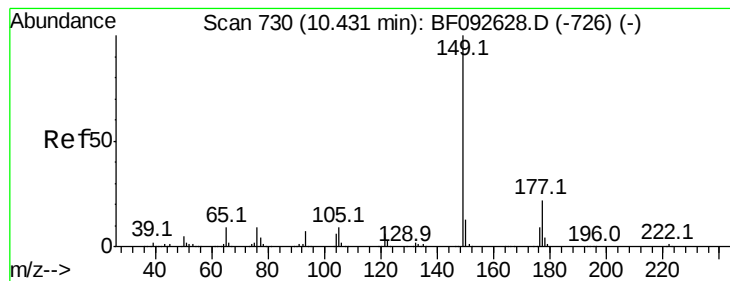
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.87 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.1	40.1	60.1	
130	2.0	1.8	2.8	
166	30.9	26.6	39.8	





#59

Diethylphthalate

Concen: 38.52 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Instrument :

BNA_F

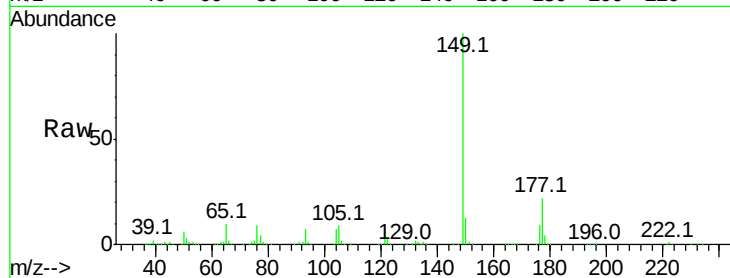
ClientSampled :

SSTDCCC040

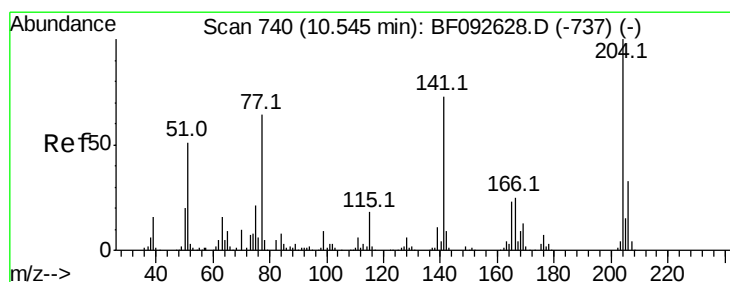
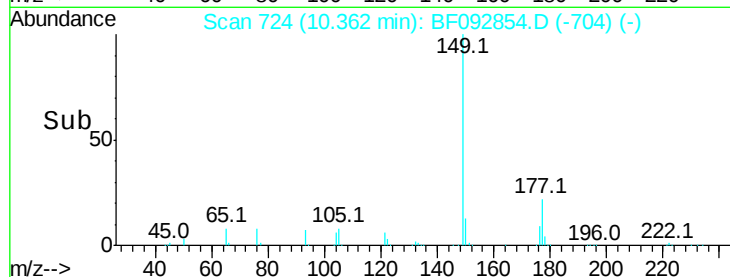
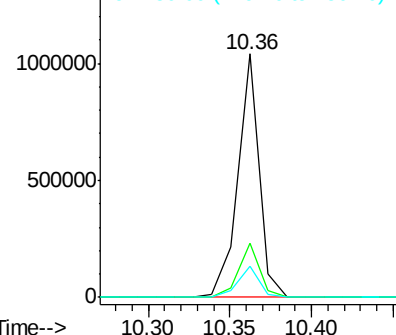
Tot Ion:	149	Resp:	941021
Ion Ratio	Lower	Upper	
149	100		
177	22.1	16.6	25.0
150	12.6	10.4	15.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.15 ng

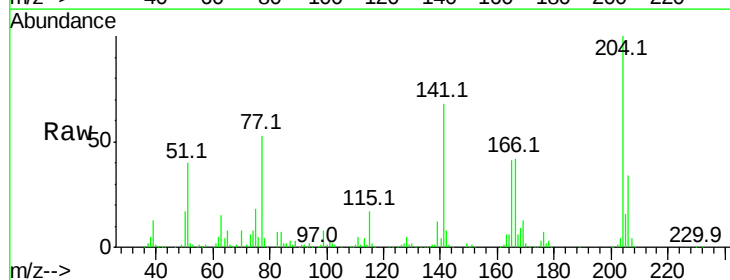
RT: 10.48 min Scan# 734

Delta R.T. -0.07 min

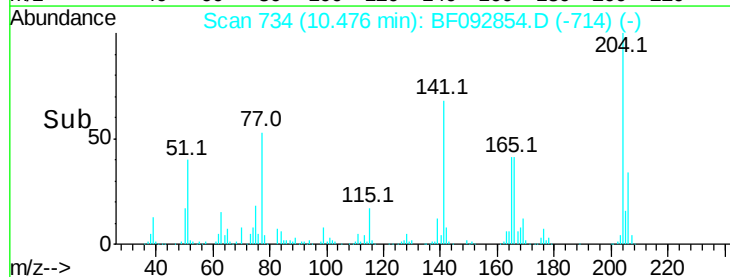
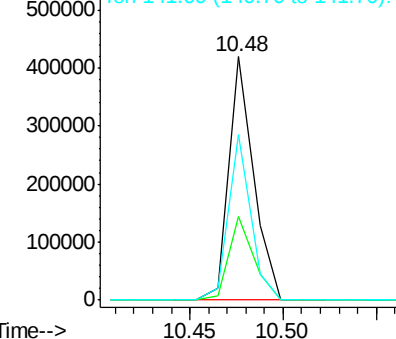
Lab File: BF092854.D

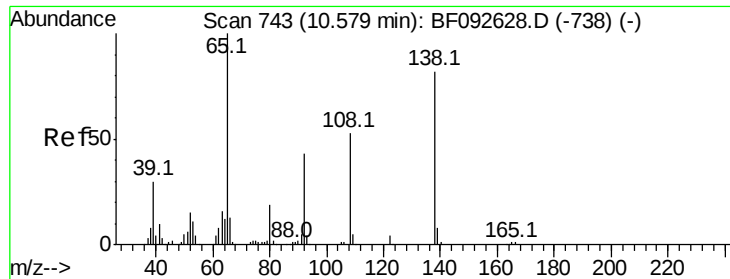
Acq: 8 Feb 2017 15:14

Tgt Ion:	204	Resp:	391292
Ion Ratio	Lower	Upper	
204	100		
206	34.3	25.8	38.6
141	68.2	59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





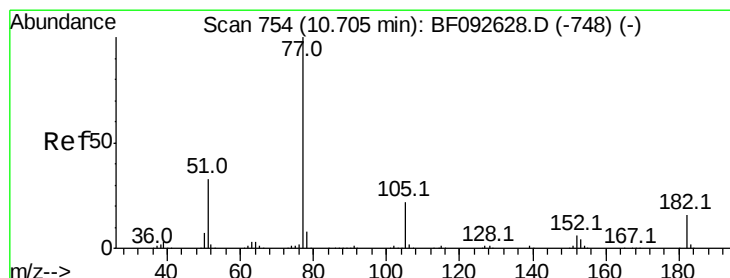
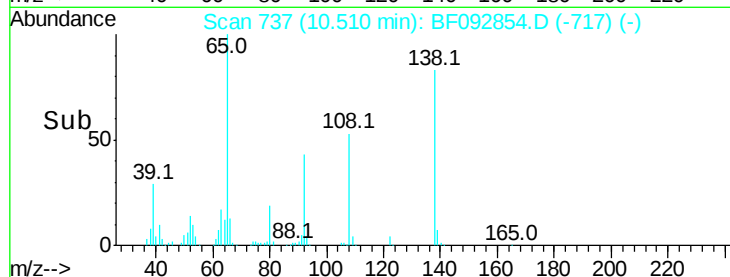
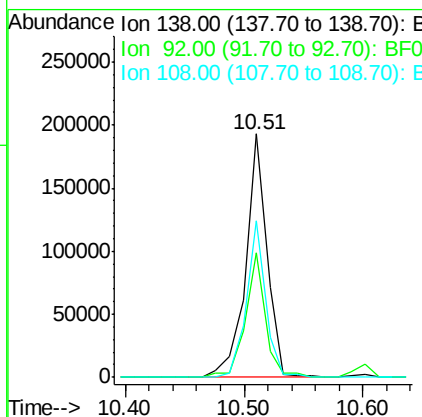
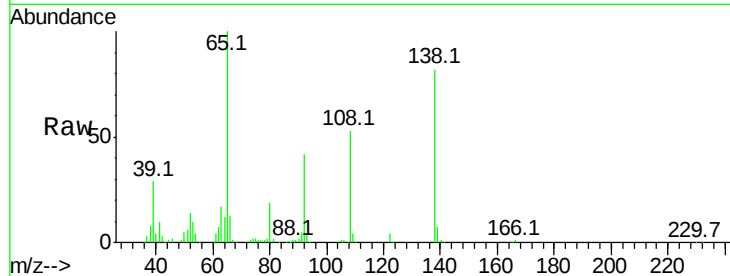
#61
4-Nitroaniline
Concen: 36.90 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.4	31.7	71.7
108	64.1	52.6	92.6

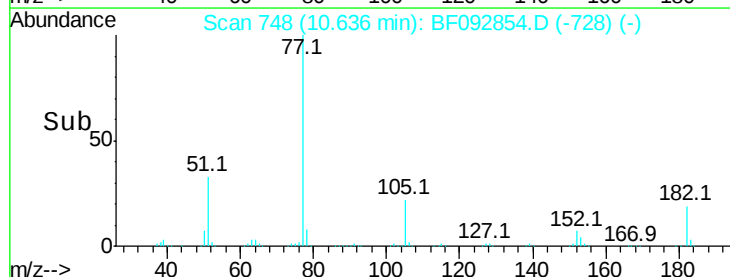
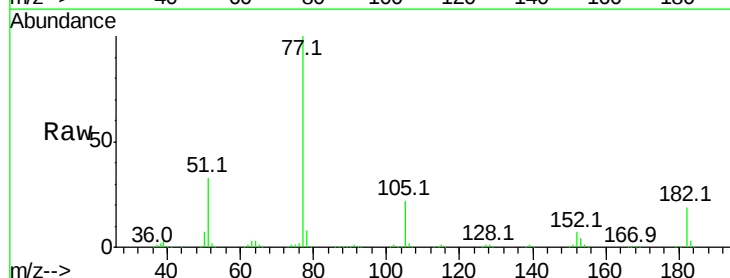
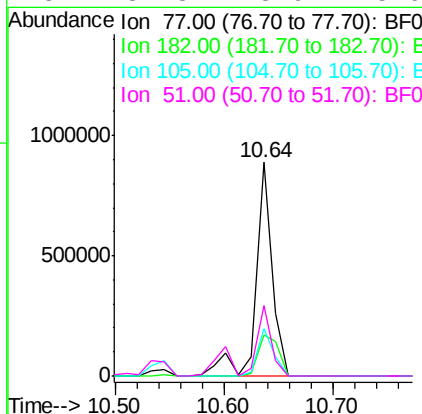
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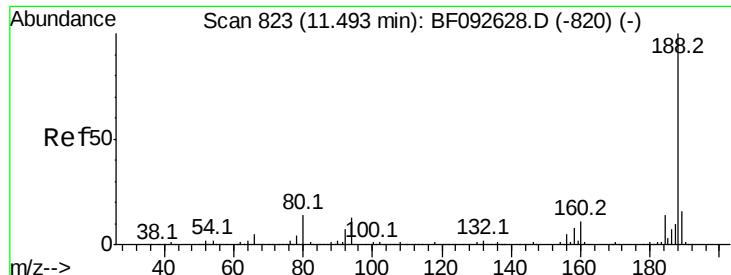
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#62
Azobenzene
Concen: 37.32 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.3	0.0	39.3
105	22.4	2.3	42.3
51	32.8	8.9	48.9





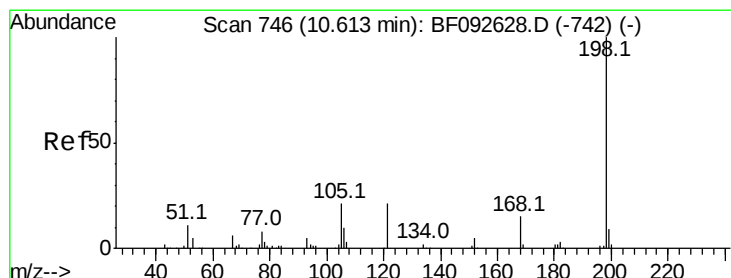
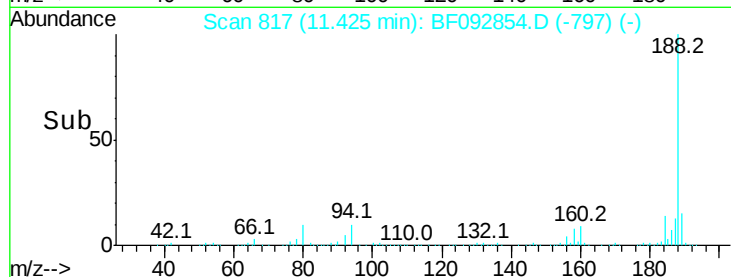
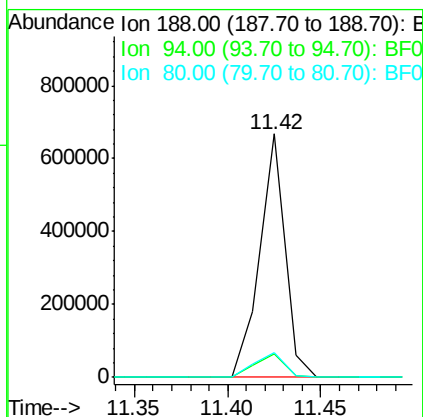
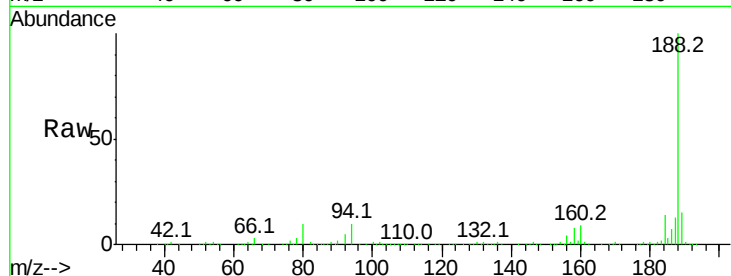
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	626491		
94	9.8	10.0	15.0#	
80	10.2	11.2	16.8#	

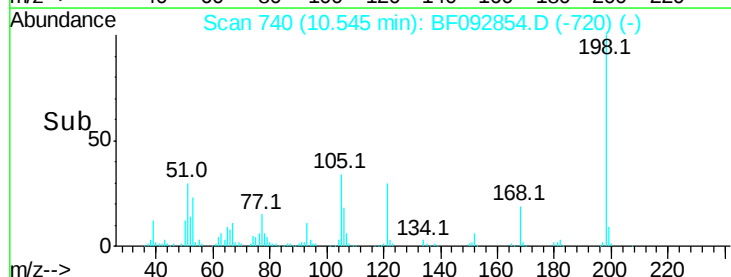
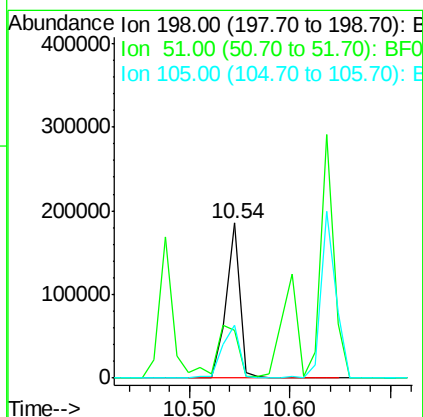
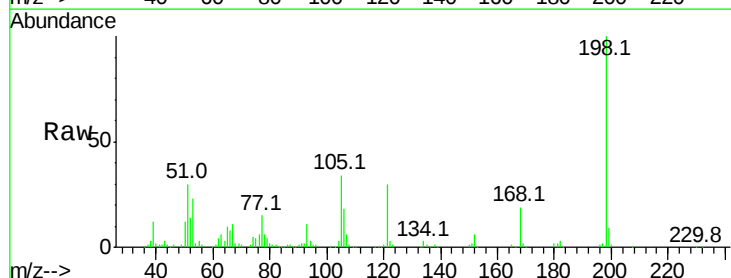
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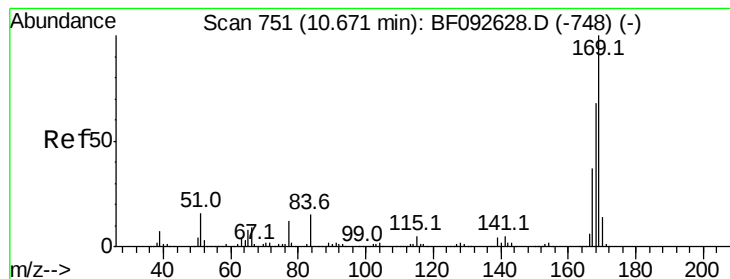
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.44 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	176736		
51	30.4	6.7	46.7	
105	33.8	16.6	56.6	





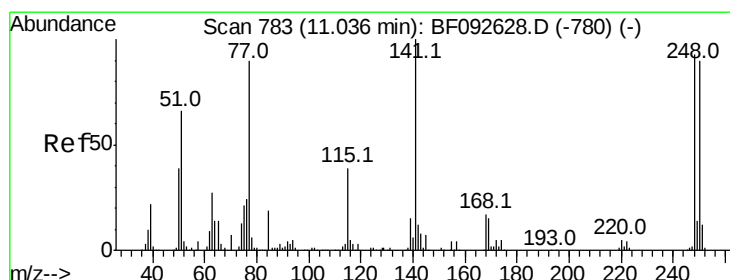
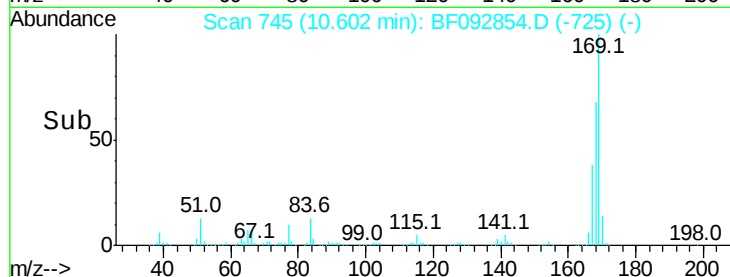
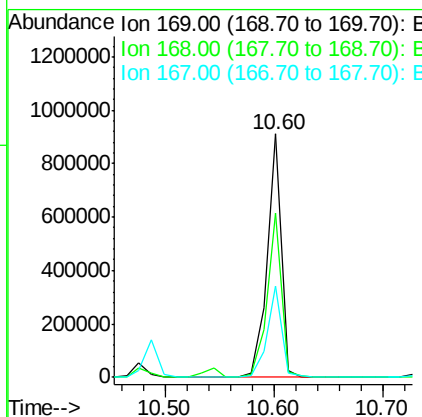
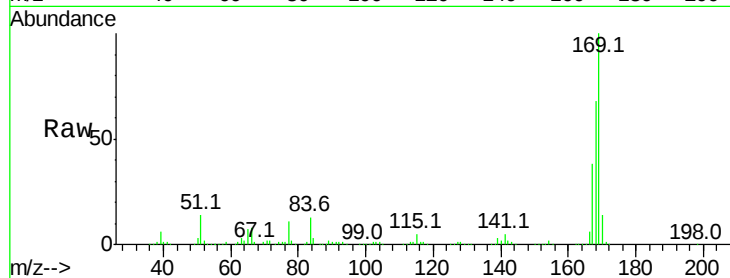
#65
n-Nitrosodiphenylamine
Concen: 41.78 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.6	54.2	81.2	
167	37.6	30.2	45.4	

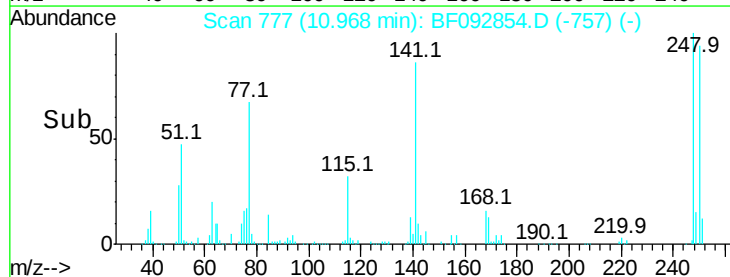
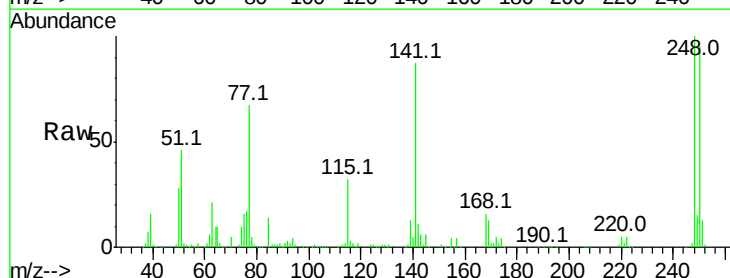
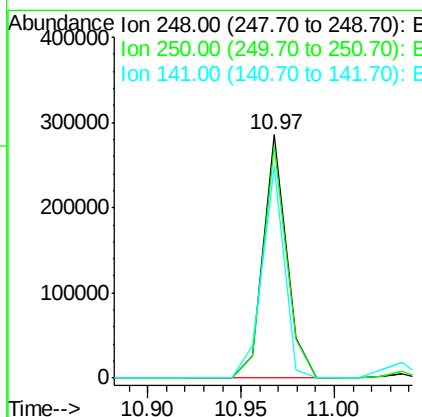
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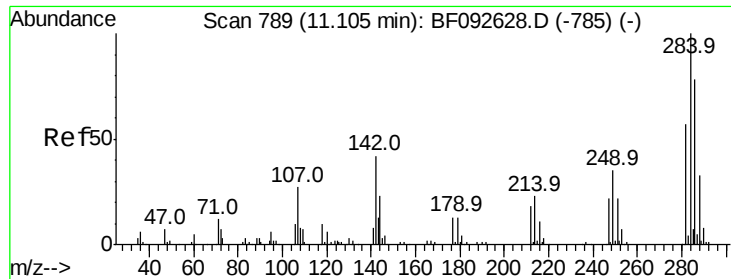
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#66
4-Bromophenyl-phenylether
Concen: 37.73 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.3	76.9	115.3	
141	86.7	68.2	102.4	





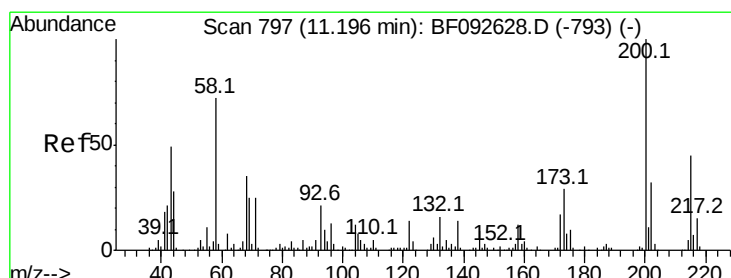
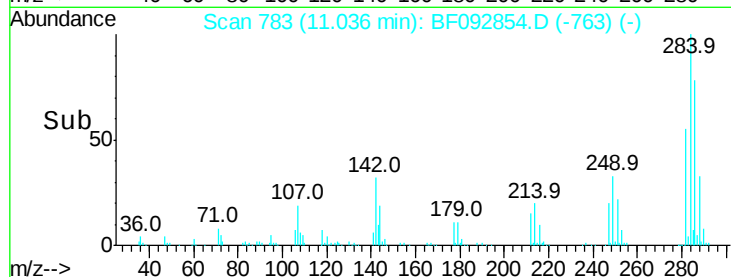
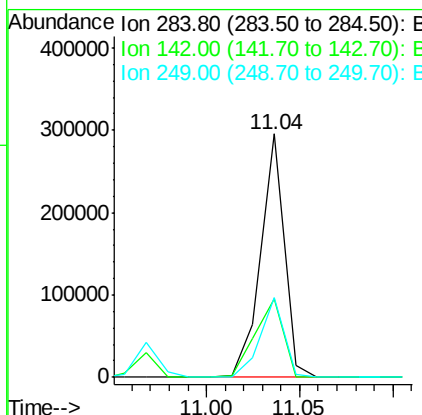
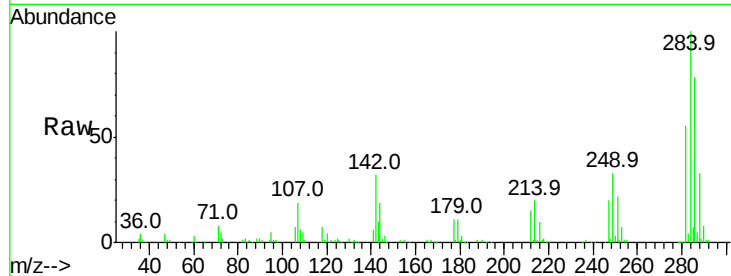
#67
Hexachlorobenzene
Concen: 39.85 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	257747		
142	32.5	22.6	33.8	
249	32.6	25.4	38.0	

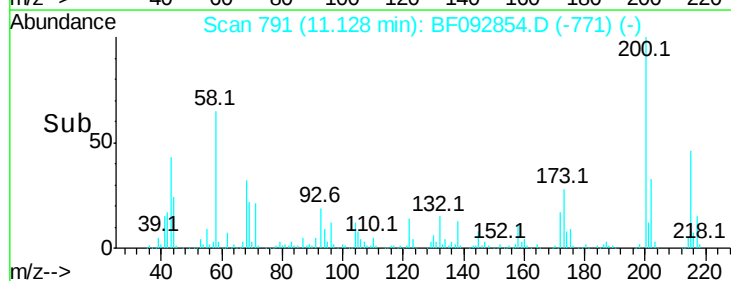
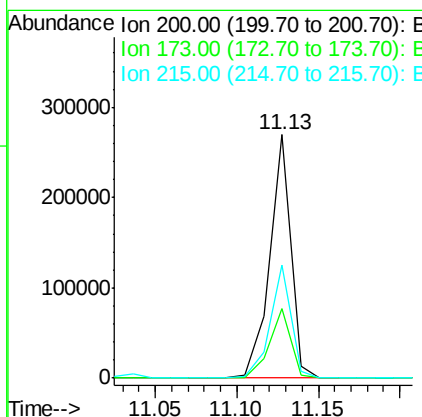
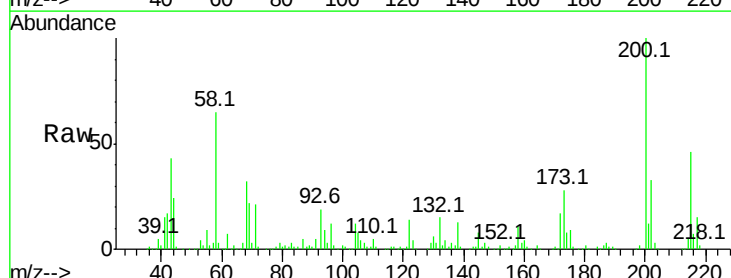
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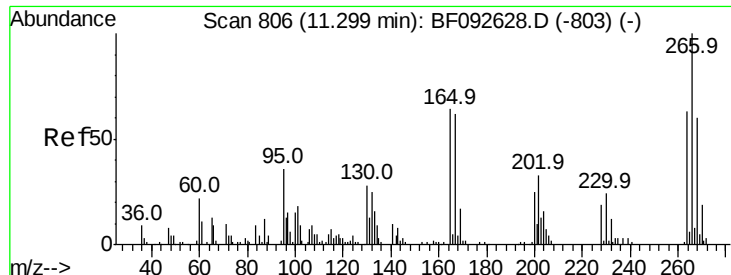
mohammad
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#68
Atrazine
Concen: 37.90 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	243432		
173	28.5	9.6	49.6	
215	46.4	25.7	65.7	





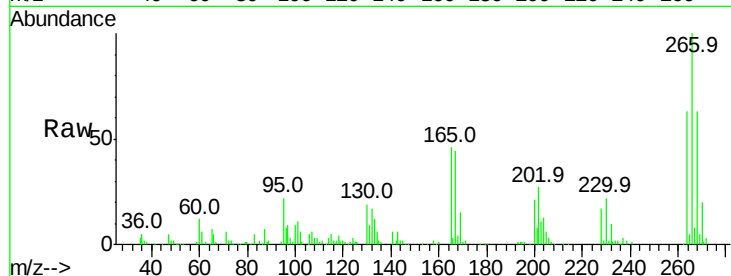
#69
 Pentachlorophenol
 Concen: 43.45 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

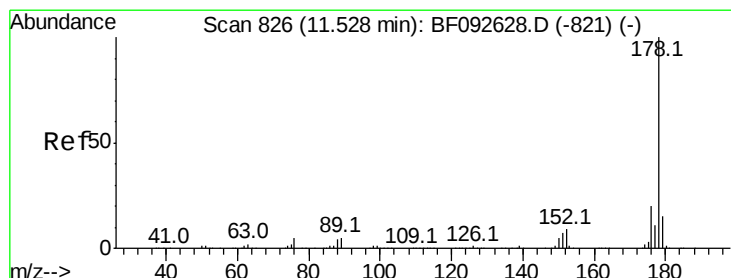
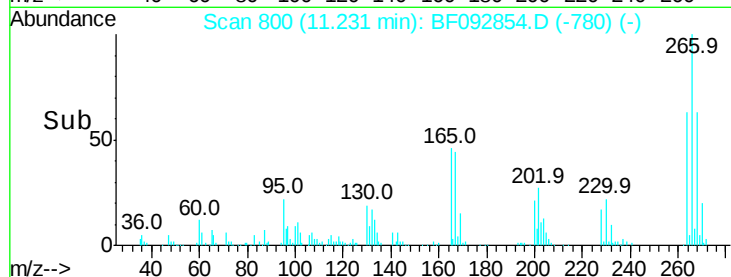
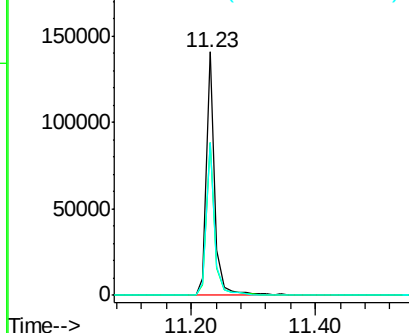
Tot Ion	Ratio	Resp	Lower	Upper
266	100	133013		
268	62.7	53.3	79.9	
264	62.9	50.3	75.5	

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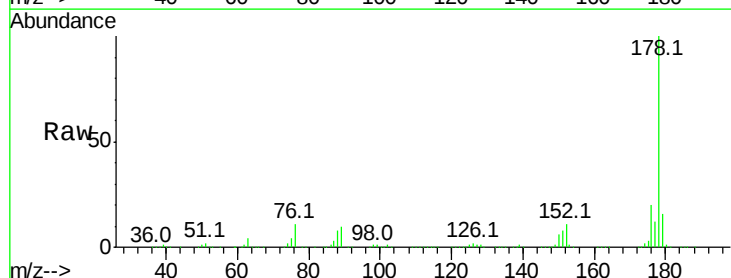


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

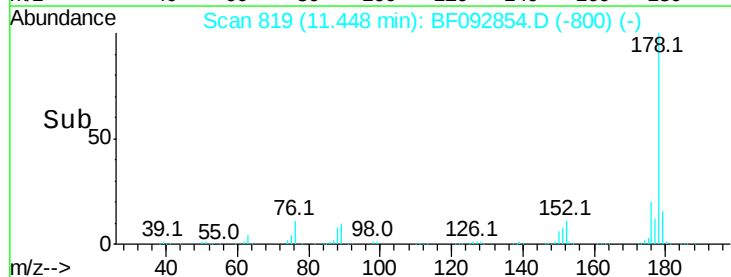
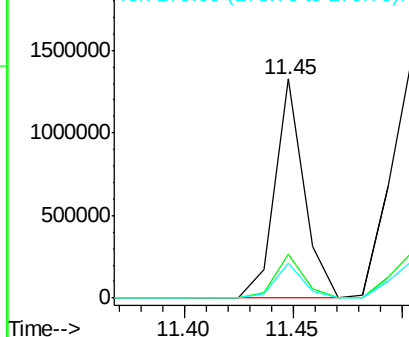


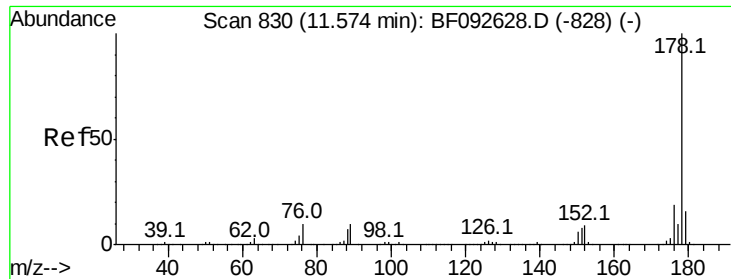
#70
 Phenanthrene
 Concen: 34.72 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1246136		
176	20.1	16.6	25.0	
179	15.8	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: 41.78 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

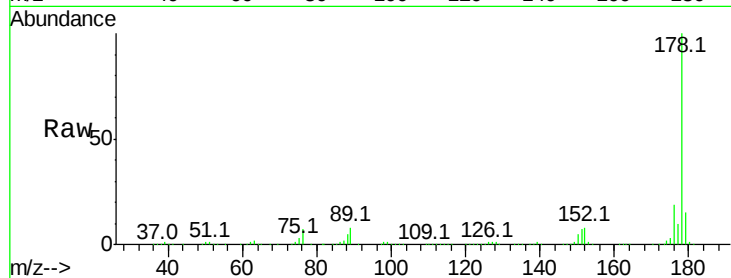
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1505967

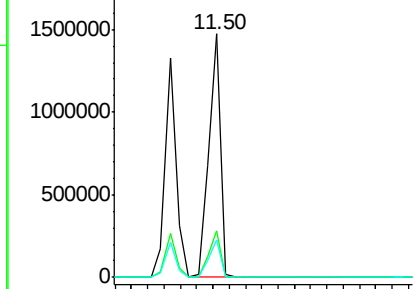
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.3	13.2	19.8

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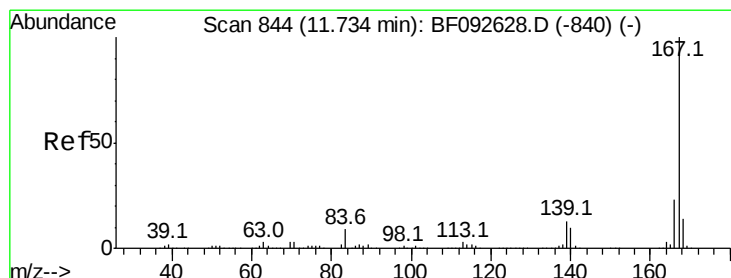
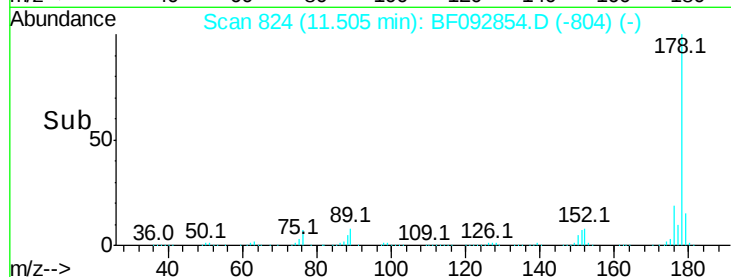
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Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time--> 11.40 11.50 11.60 11.70

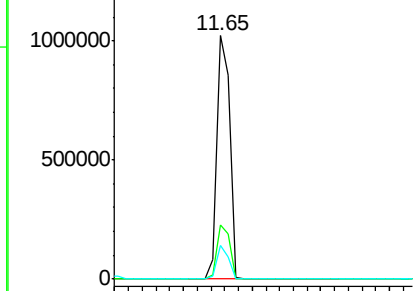


#72
 Carbazole
 Concen: 39.35 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.08 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

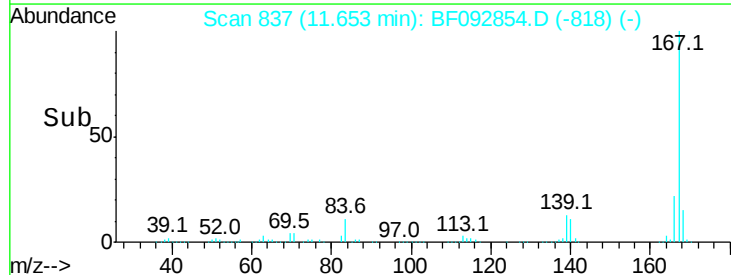
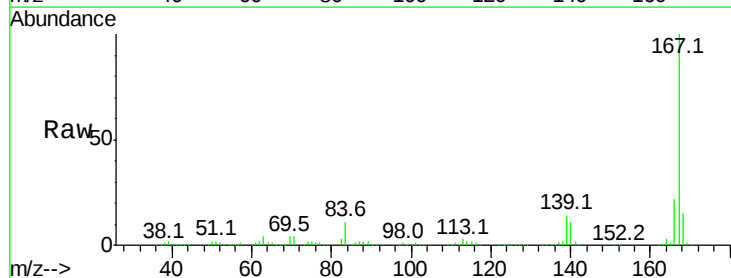
Tgt Ion:167 Resp: 1355763

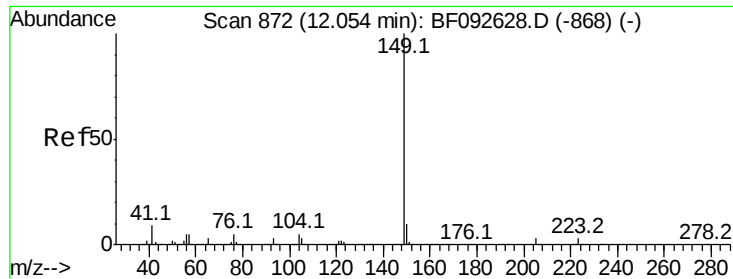
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	13.6	11.4	17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 1000000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 11.50 11.60 11.70 11.80





#73

Di-n-butylphthalate

Concen: 40.05 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.07 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Instrument :

BNA_F

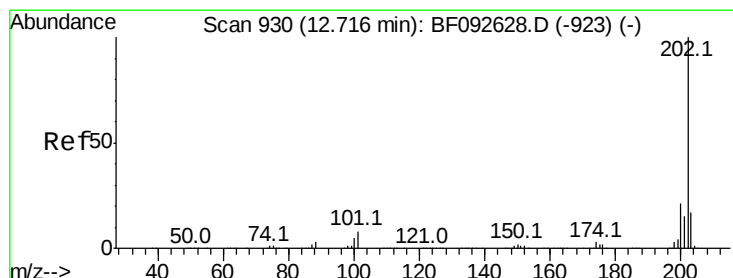
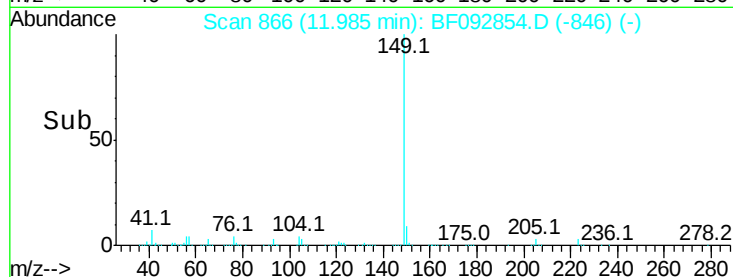
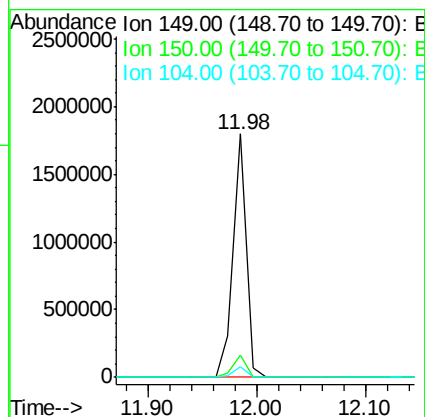
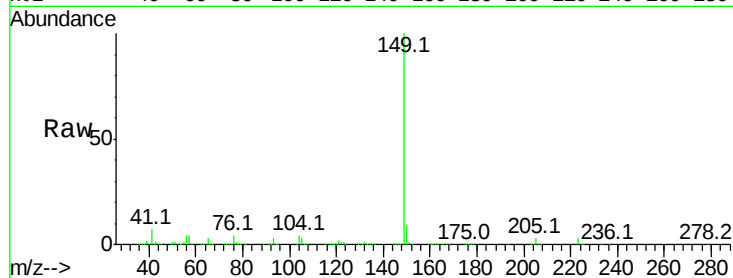
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.4	4.6	7.0

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2/9/2017 12:31:03 PM



#74

Fluoranthene

Concen: 34.80 ng

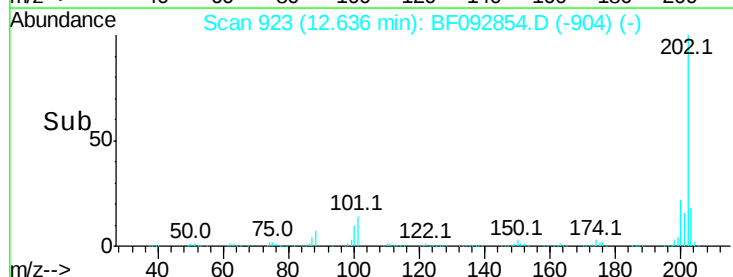
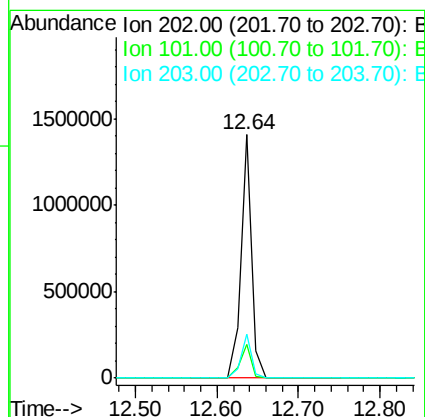
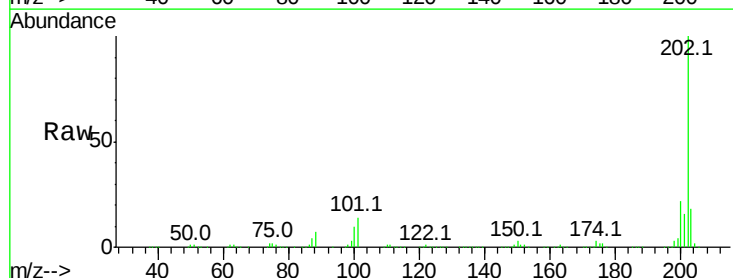
RT: 12.64 min Scan# 923

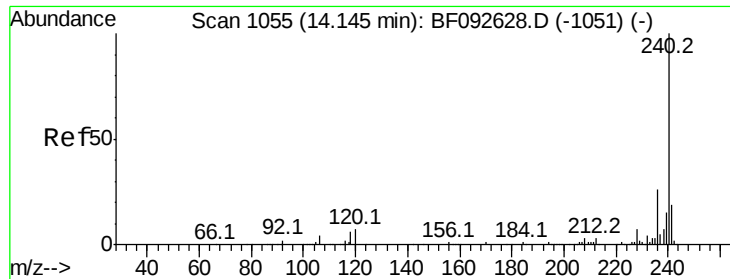
Delta R.T. -0.08 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.6
203	18.0	0.0	38.7





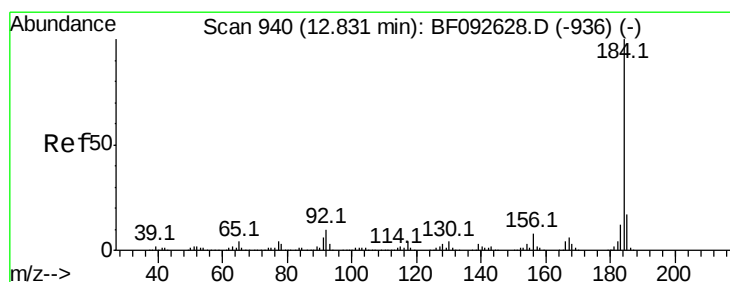
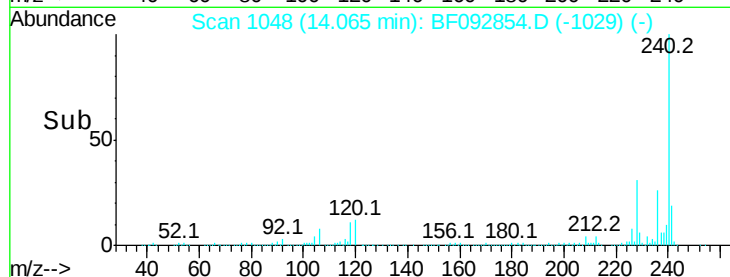
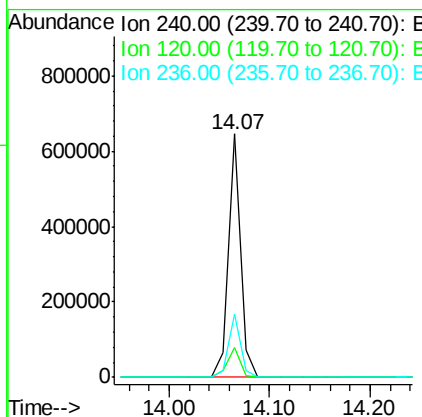
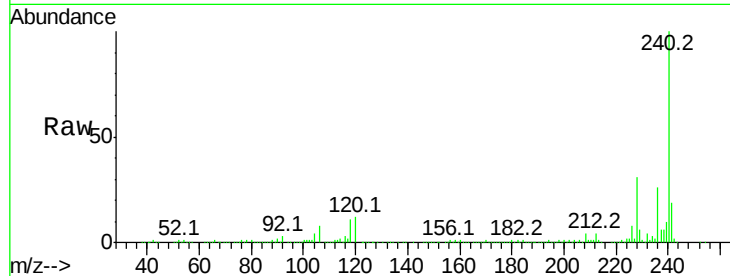
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.08 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	12.9	19.3#
236	26.2	20.9	31.3

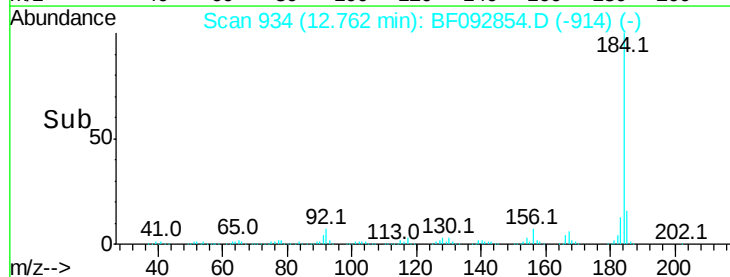
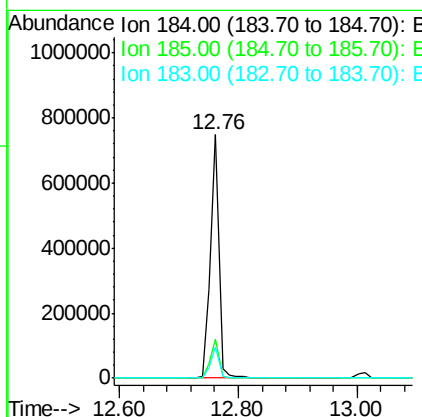
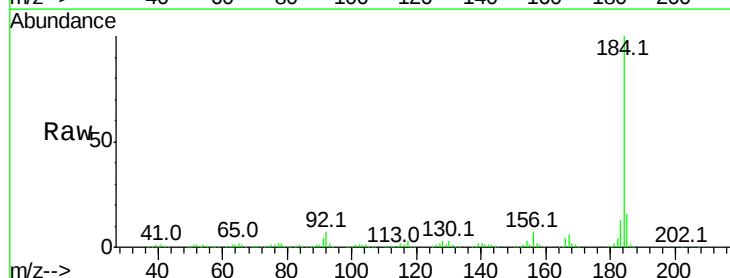
Manual Integrations
APPROVED

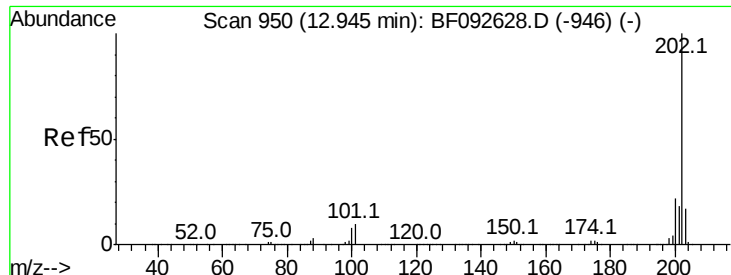
mohammad
2/9/2017 12:31:03 PM



#76
Benzidine
Concen: 32.25 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.4	20.0
183	12.6	9.2	13.8





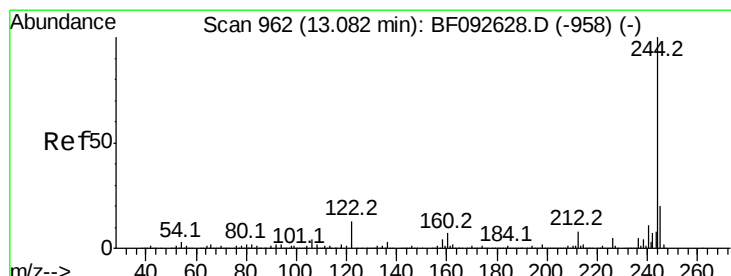
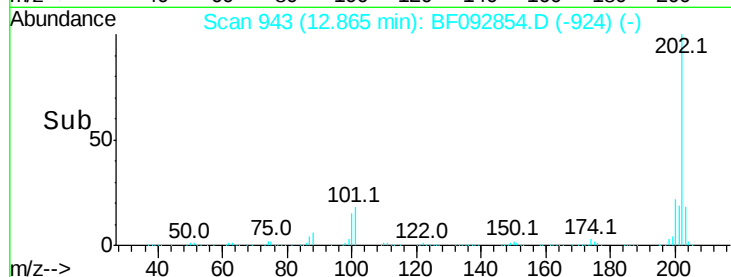
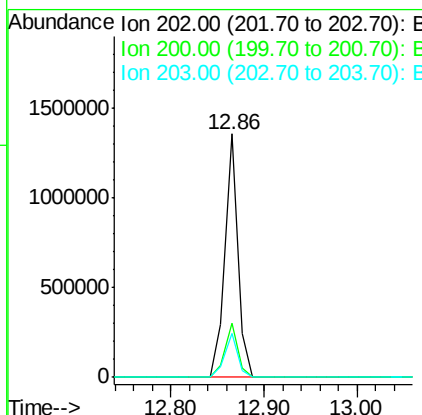
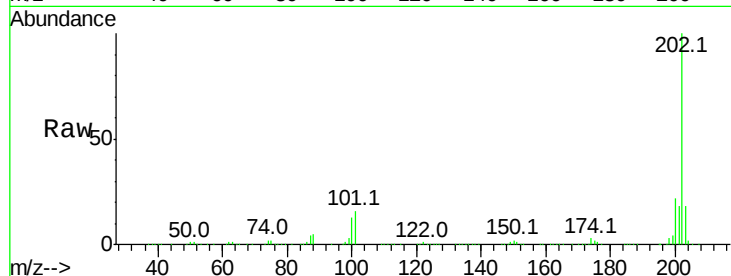
#77
Pvrene
Concen: 32.45 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.08 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1315862
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.0 14.7 22.1

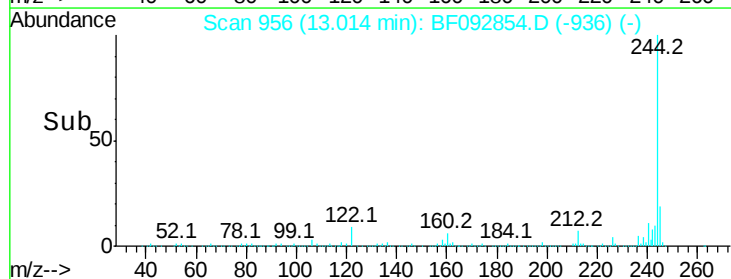
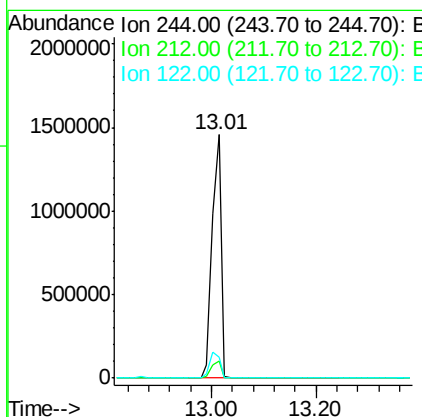
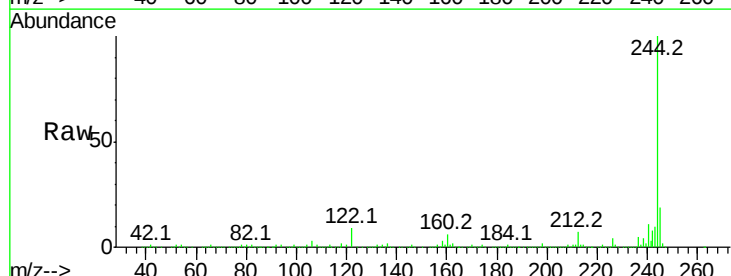
Manual Integrations
APPROVED

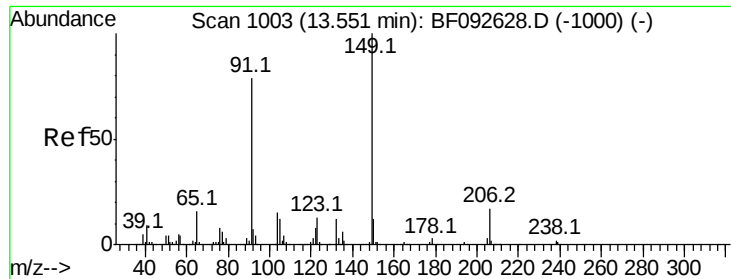
mohammad
2/9/2017 12:31:03 PM



#78
Terphenyl-d14
Concen: 75.90 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion:244 Resp: 1750284
Ion Ratio Lower Upper
244 100
212 6.8 6.2 9.2
122 8.6 11.4 17.2#





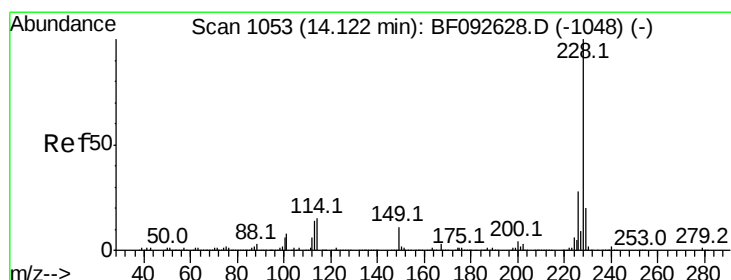
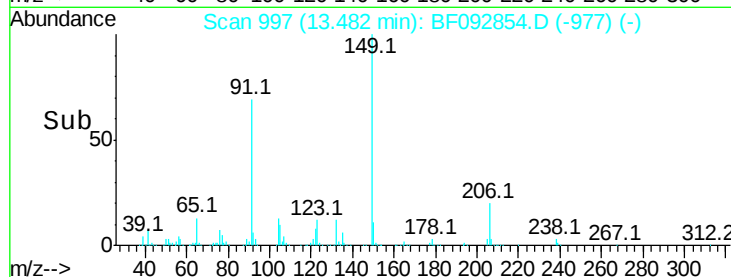
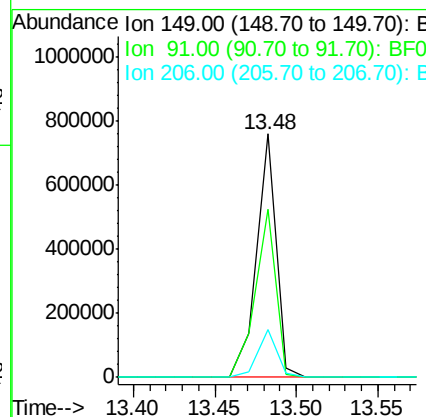
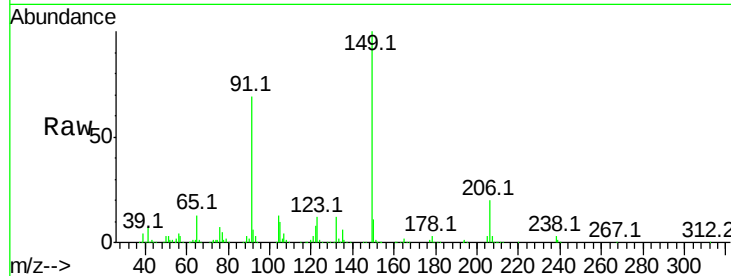
#79
Butylbenzylphthalate
Concen: 38.78 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	63.9	95.9
206	19.8	14.6	21.8

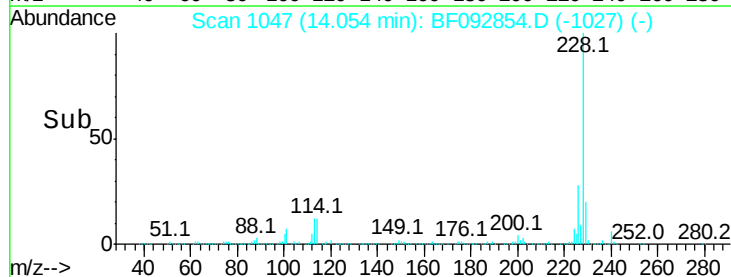
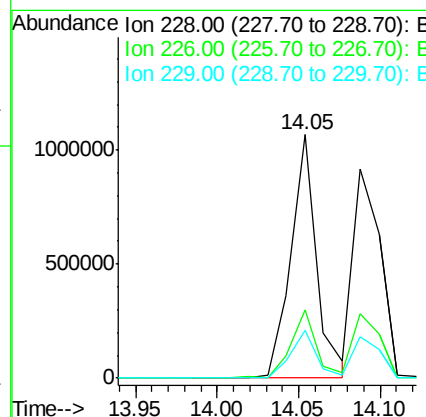
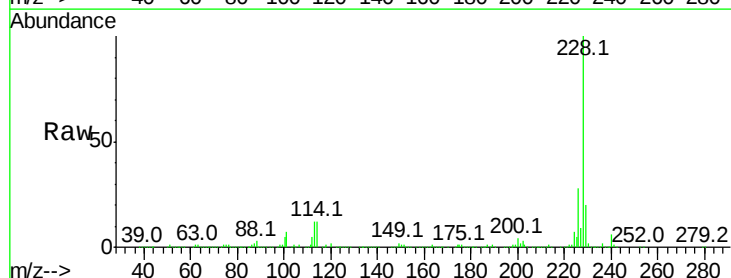
Manual Integrations
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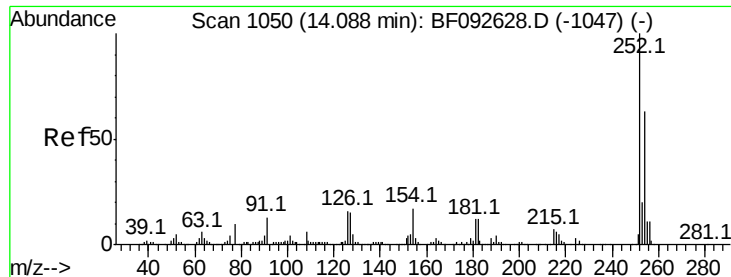
mohammad
2/9/2017 12:31:03 PM



#80
Benzo(a)anthracene
Concen: 35.56 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.07 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	19.8	16.2	24.4





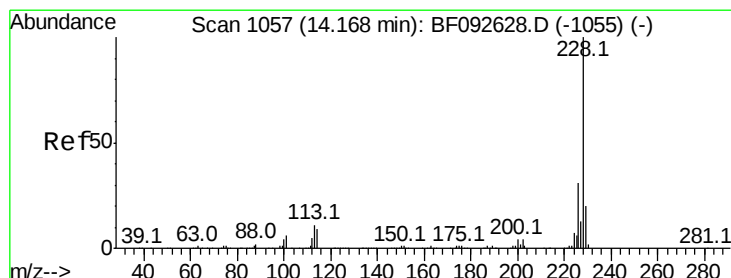
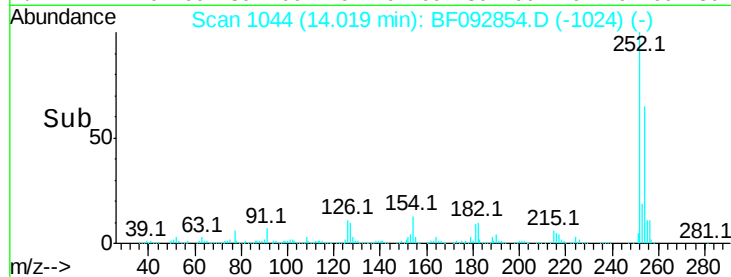
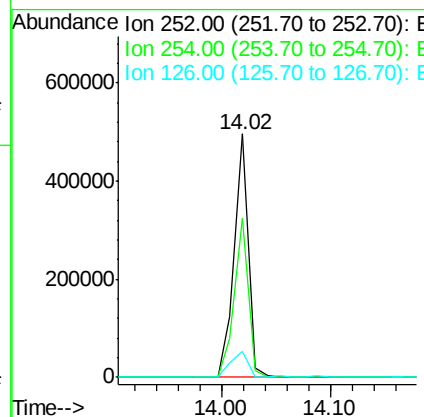
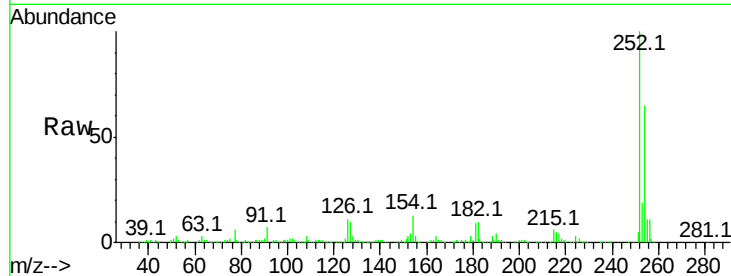
#81
 3,3'-Dichlorobenzidine
 Concen: 37.48 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	442695		
254	65.2	52.3	78.5	
126	11.0	13.6	20.4	

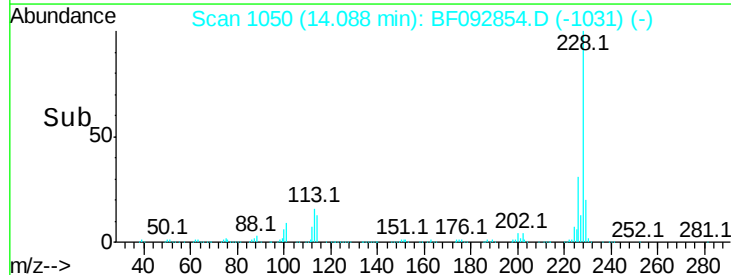
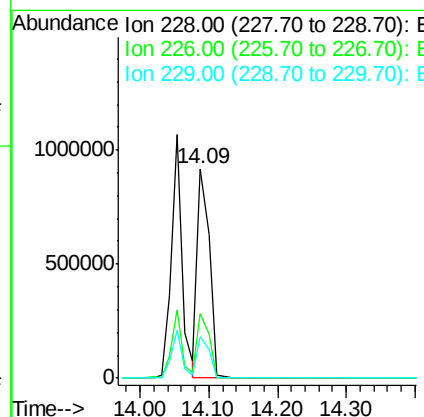
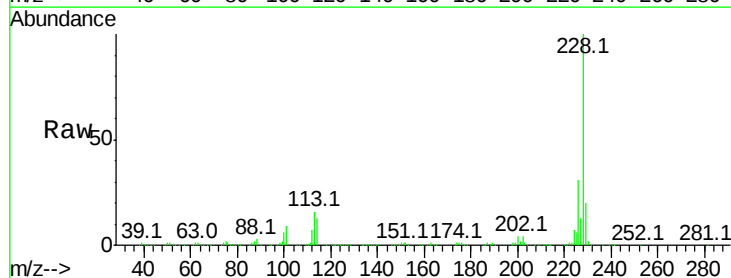
Manual Integrations
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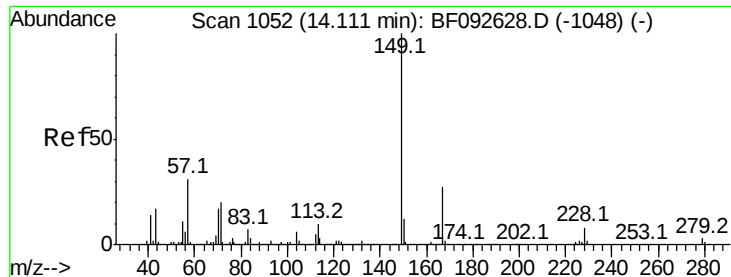
mohammad
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#82
 Chrysene
 Concen: 34.86 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1081437		
226	30.9	25.4	38.0	
229	20.0	16.2	24.2	





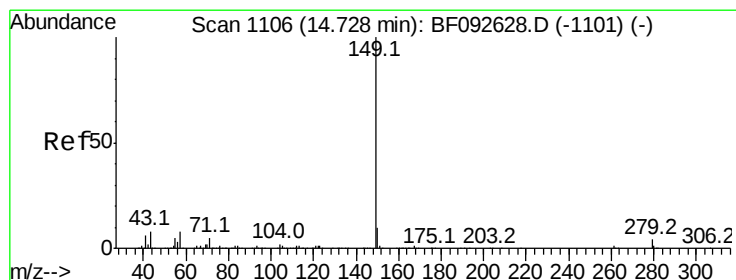
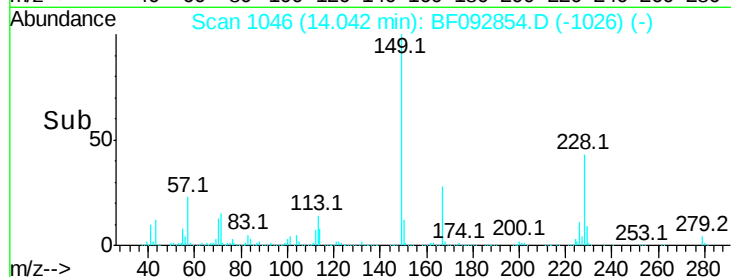
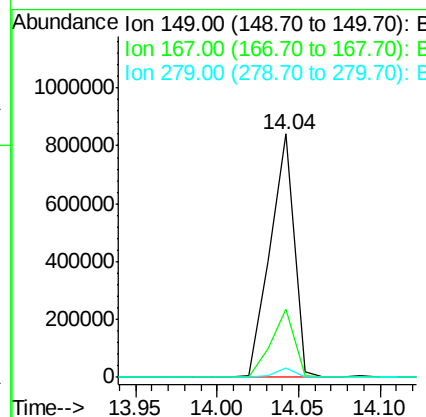
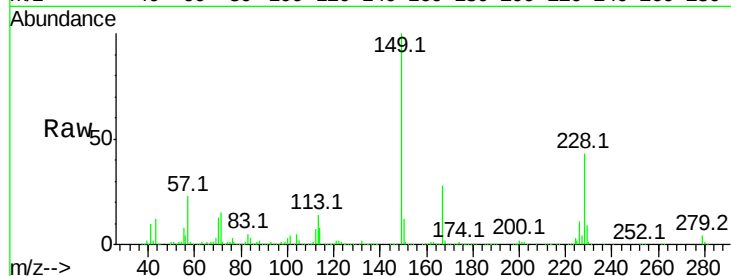
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.54 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.07 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	20.2	30.4
279	3.9	1.8	2.8

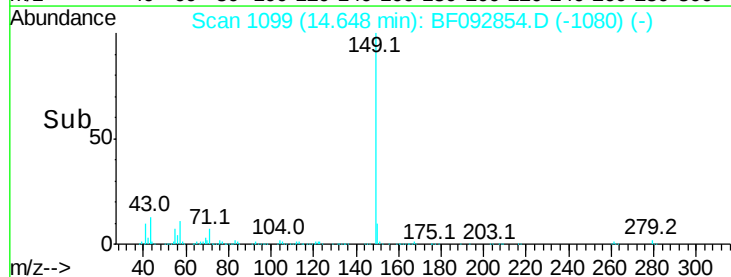
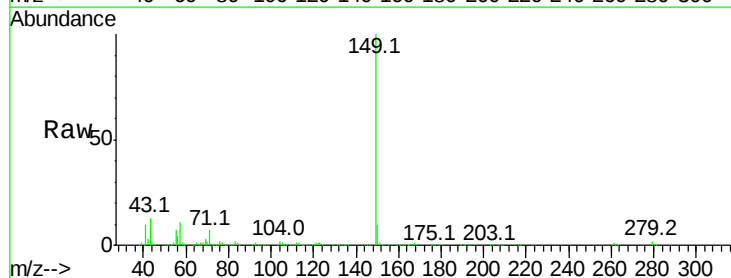
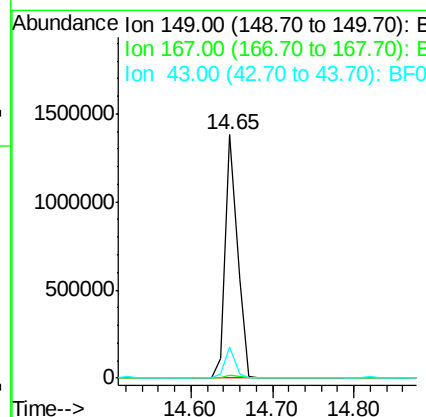
Manual Integrations
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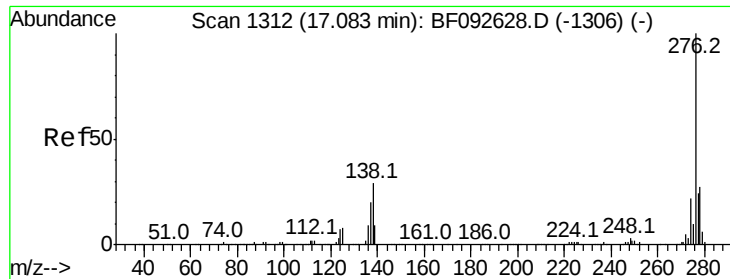
mohammad
 2/9/2017 12:31:03 PM



#84
 Di-n-octyl phthalate
 Concen: 38.62 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.08 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

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





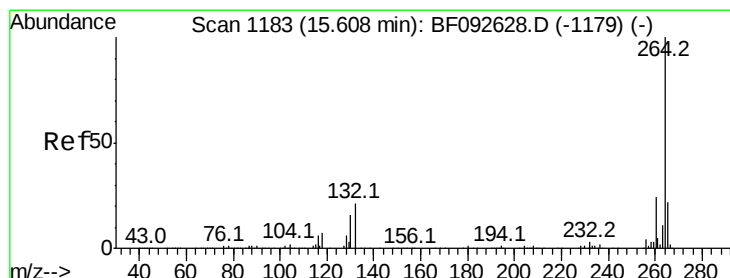
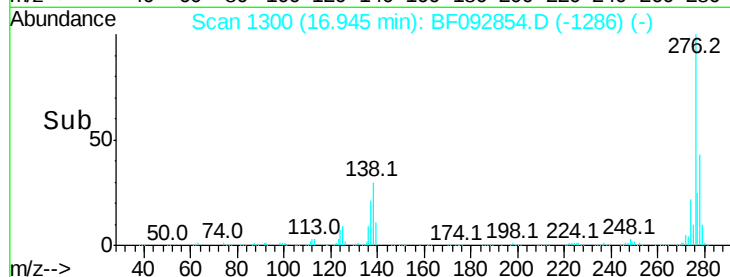
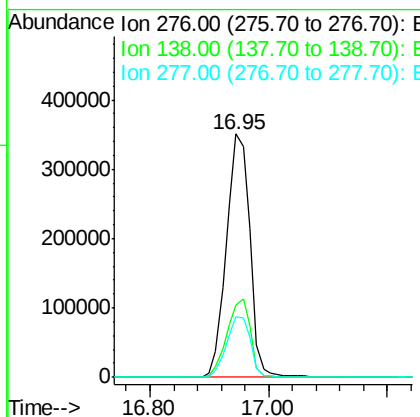
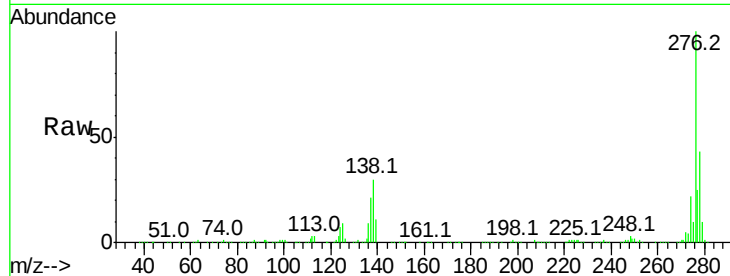
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.05 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.14 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	962529		
138	32.4		21.8	32.6
277	25.4		20.2	30.4

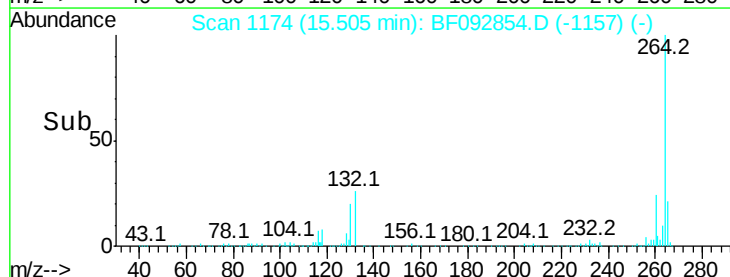
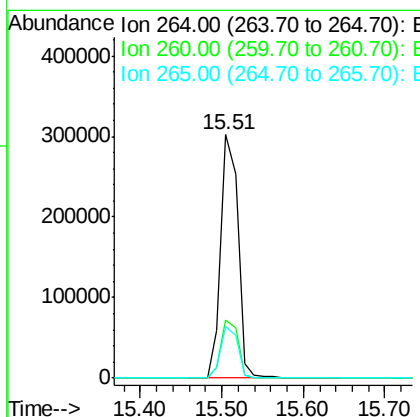
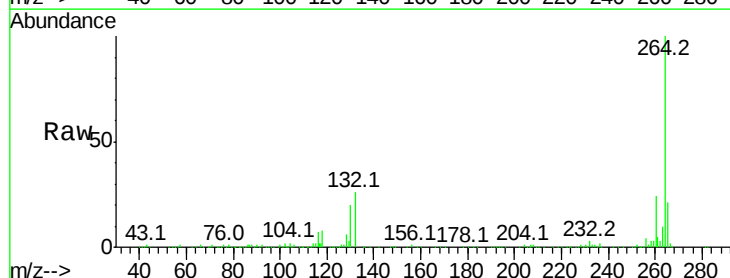
Manual Integrations
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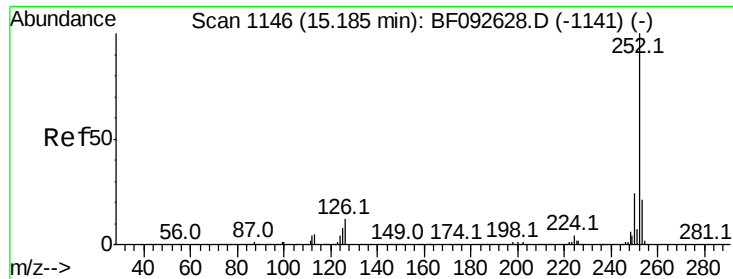
mohammad
2/9/2017 12:31:03 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	439823		
260	23.7		19.2	28.8
265	21.2		17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 37.96 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.09 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1098876

Ion Ratio Lower Upper

252 100

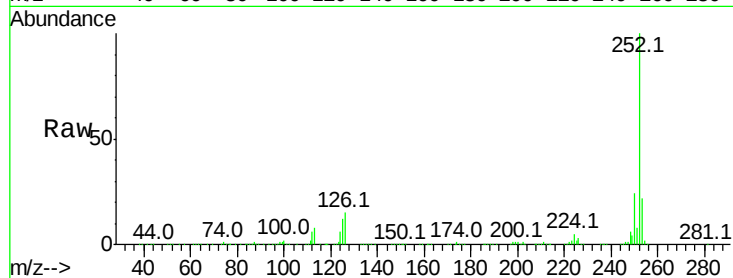
253 22.2 18.2 27.4

125 11.5 9.8 14.6

Manual Integrations
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mohammad

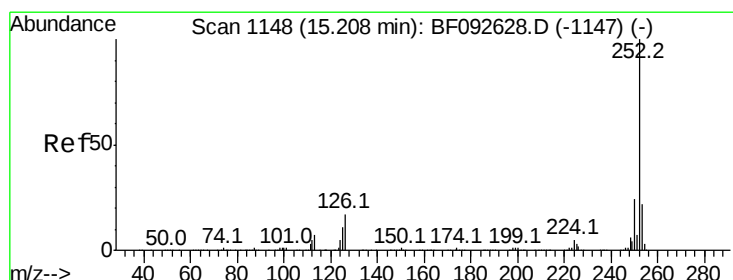
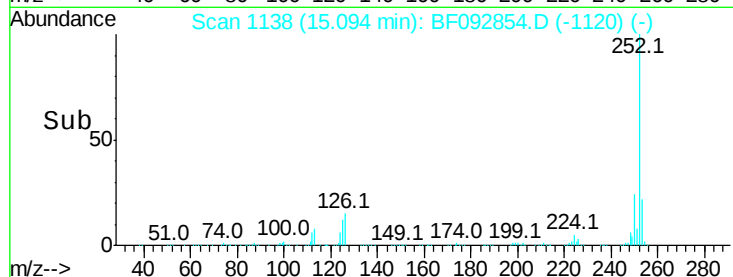
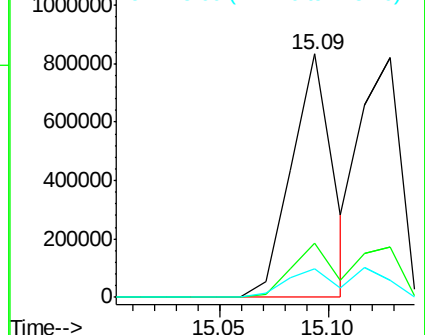
2/9/2017 12:31:03 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.04 ng m

RT: 15.13 min Scan# 1141

Delta R.T. -0.08 min

Lab File: BF092854.D

Acq: 8 Feb 2017 15:14

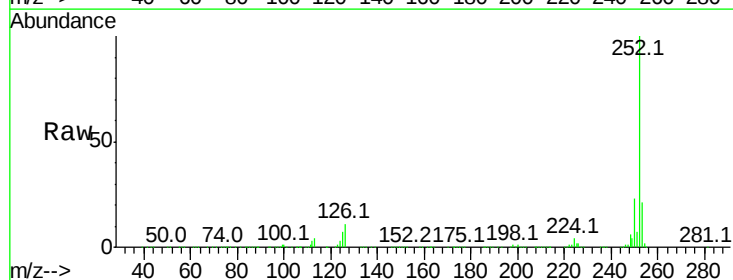
Tgt Ion:252 Resp: 1050700

Ion Ratio Lower Upper

252 100

253 21.2 18.5 27.7

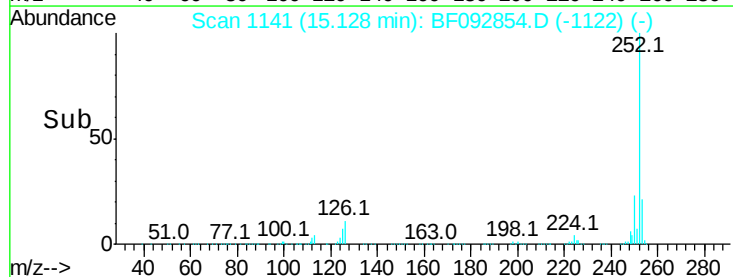
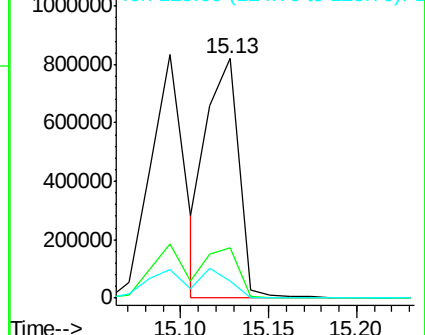
125 7.2 8.9 13.3#

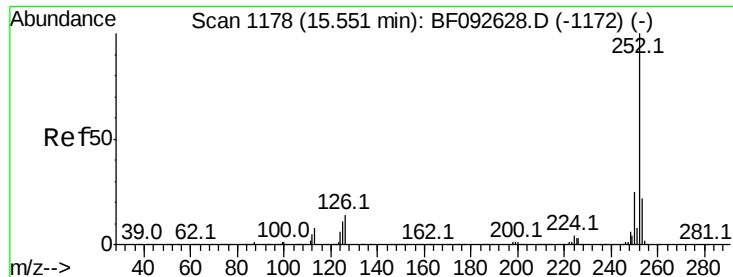


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





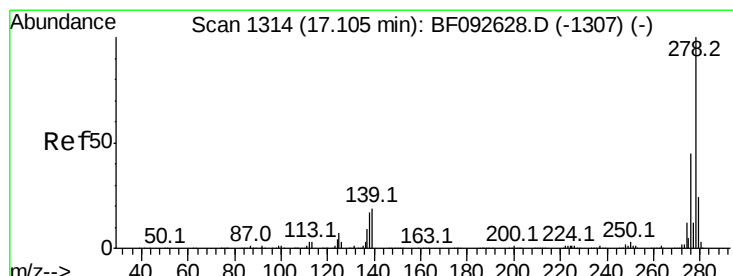
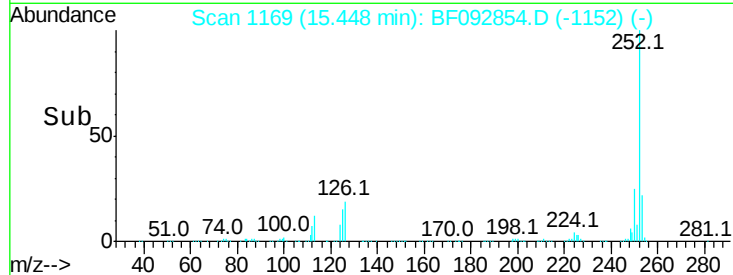
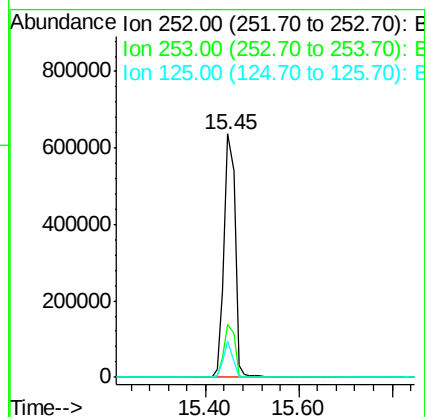
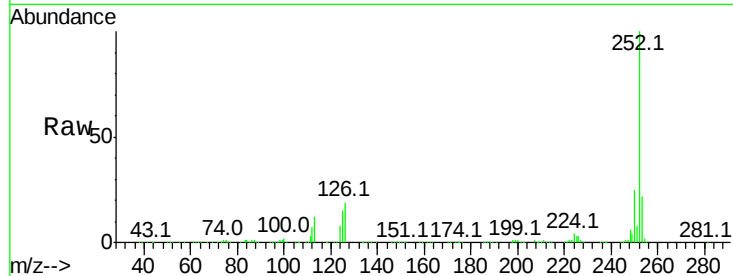
#89
Benzo(a)pyrene
Concen: 40.86 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.10 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	15.0	10.0	15.0

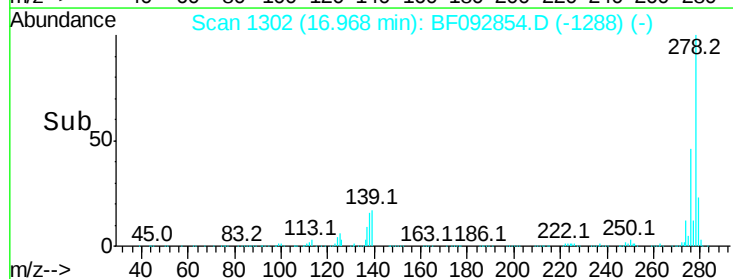
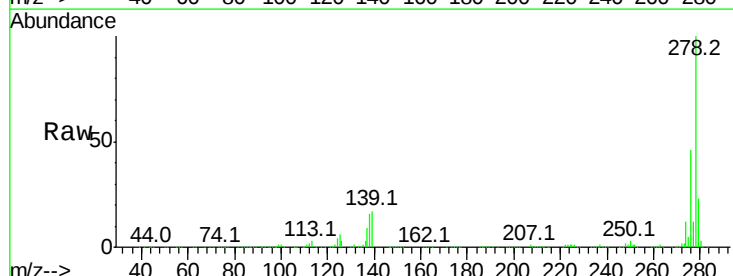
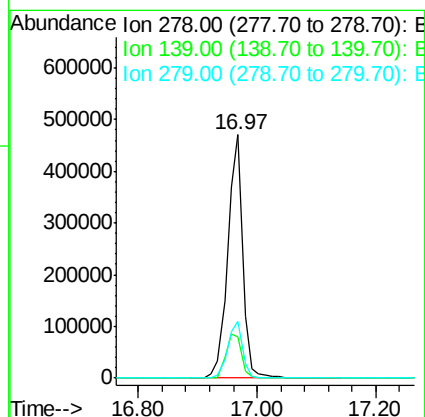
Manual Integrations
APPROVED

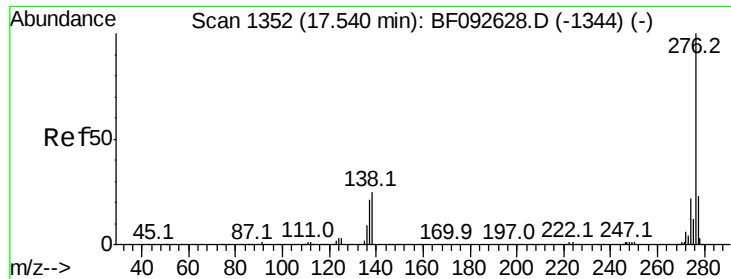
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 40.73 ng
RT: 16.97 min Scan# 1302
Delta R.T. -0.14 min
Lab File: BF092854.D
Acq: 8 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.8	22.2
279	23.4	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.39 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. -0.16 min
 Lab File: BF092854.D
 Acq: 8 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	29.7	16.0	24.0

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