

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092679.D
 Acq On : 31 Jan 2017 14:11
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/1/2017 2:27:25 PM

Quant Time: Feb 01 10:44:54 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	6.94	152	160423	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	622079	20.00	ng	-0.02
38) Acenaphthene-d10	10.01	164	365082	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	652556	20.00	ng	0.00
75) Chrysene-d12	14.15	240	461517	20.00	ng	0.00
86) Perylene-d12	15.61	264	380264	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	767439	82.07	ng	-0.01
7) Phenol-d6	6.59	99	948838	78.86	ng	-0.01
23) Nitrobenzene-d5	7.52	82	881405	78.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	206523	78.21	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1576584	78.24	ng	-0.01
78) Terphenyl-d14	13.08	244	1641844	83.59	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	203607	40.30	ng	# 85
3) Pyridine	3.36	79	617152m	48.04	ng	
4) n-Nitrosodimethylamine	3.31	42	289164	47.93	ng	81
6) Aniline	6.61	93	689926	42.04	ng	# 50
8) 2-Chlorophenol	6.74	128	438309	42.49	ng	93
9) Benzaldehyde	6.50	77	355298	41.22	ng	97
10) Phenol	6.60	94	501499	35.63	ng	97
11) bis(2-Chloroethyl)ether	6.68	93	427842	38.08	ng	92
12) 1,3-Dichlorobenzene	6.89	146	510574m	42.26	ng	
13) 1,4-Dichlorobenzene	6.97	146	537490	43.95	ng	95
14) 1,2-Dichlorobenzene	7.12	146	452443	38.69	ng	97
15) Benzyl Alcohol	7.09	79	357907	40.18	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	838937	42.98	ng	94
17) 2-Methylphenol	7.22	107	383246	43.31	ng	95
18) Hexachloroethane	7.46	117	168688	40.41	ng	88
19) n-Nitroso-di-n-propylamine	7.37	70	312531	40.81	ng	95
20) 3+4-Methylphenols	7.37	107	421535	39.84	ng	94
22) Acetophenone	7.37	105	595168	41.90	ng	# 91
24) Nitrobenzene	7.54	77	537813	46.89	ng	93
25) Isophorone	7.78	82	905186	43.48	ng	99
26) 2-Nitrophenol	7.86	139	240208	44.05	ng	# 76
27) 2,4-Dimethylphenol	7.89	122	380243	39.71	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	525437	38.11	ng	98
29) 2,4-Dichlorophenol	8.10	162	366079	40.99	ng	90
30) 1,2,4-Trichlorobenzene	8.18	180	392802	40.81	ng	95
31) Naphthalene	8.26	128	1220589	38.71	ng	99
32) Benzoic acid	8.02	122	225707	42.56	ng	99
33) 4-Chloroaniline	8.32	127	550655	44.52	ng	95
34) Hexachlorobutadiene	8.37	225	206781	39.05	ng	99
35) Caprolactam	8.69	113	129960	46.26	ng	# 51
36) 4-Chloro-3-methylphenol	8.81	107	392918	42.20	ng	# 83
37) 2-Methylnaphthalene	8.96	142	883707	43.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	388344	37.89	ng	99
40) Hexachlorocyclopentadiene	9.10	237	153737	33.25	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092679.D
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 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	268066	39.81	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	292648	39.66	nq	96
45) 1,1'-Biphenyl	9.42	154	1095414	41.44	nq	100
46) 2-Chloronaphthalene	9.45	162	826644	39.97	nq	97
47) 2-Nitroaniline	9.55	65	281723	40.52	nq	# 70
48) Acenaphthylene	9.87	152	1444986	40.45	nq	98
49) Dimethylphthalate	9.72	163	902785	36.71	nq	98
50) 2,6-Dinitrotoluene	9.79	165	234100	44.08	nq	96
51) Acenaphthene	10.04	154	862456	40.38	nq	97
52) 3-Nitroaniline	9.96	138	261268	42.99	nq	92
53) 2,4-Dinitrophenol	10.06	184	102062	40.28	nq	# 88
54) Dibenzofuran	10.21	168	1110440	38.87	nq	90
55) 4-Nitrophenol	10.13	139	196238	44.83	nq	# 73
56) 2,4-Dinitrotoluene	10.19	165	253454	35.85	nq	98
57) Fluorene	10.56	166	921341	41.92	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	195821	39.79	nq	97
59) Diethylphthalate	10.42	149	910663	39.30	nq	100
60) 4-Chlorophenyl-phenylether	10.54	204	416321	39.43	nq	# 86
61) 4-Nitroaniline	10.58	138	245169	39.39	nq	90
62) Azobenzene	10.70	77	1098999	45.90	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	135536	34.89	nq	# 61
65) n-Nitrosodiphenylamine	10.67	169	851709	40.86	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	269630	39.55	nq	94
67) Hexachlorobenzene	11.10	284	273206	40.55	nq	97
68) Atrazine	11.20	200	288961	43.19	nq	96
69) Pentachlorophenol	11.30	266	120852	38.82	nq	99
70) Phenanthrene	11.52	178	1311106	35.07	nq	99
71) Anthracene	11.57	178	1537794	40.96	nq	99
72) Carbazole	11.73	167	1476119	41.13	nq	97
73) Di-n-butylphthalate	12.05	149	1589293	40.95	nq	# 97
74) Fluoranthene	12.70	202	1351270	35.04	nq	98
76) Benzidine	12.83	184	786806	40.01	nq	99
77) Pyrene	12.94	202	1499153	43.41	nq	98
79) Butylbenzylphthalate	13.55	149	619505	44.17	nq	100
80) Benzo(a)anthracene	14.12	228	1196539	42.39	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	413606	41.11	nq	98
82) Chrysene	14.17	228	1195469	45.23	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	872233	45.47	nq	# 97
84) Di-n-octyl phthalate	14.73	149	1395570	44.68	nq	100
85) Indeno(1,2,3-cd)pyrene	17.09	276	803575	39.25	nq	95
87) Benzo(b)fluoranthene	15.19	252	1033130	41.28	nq	97
88) Benzo(k)fluoranthene	15.21	252	886759m	41.03	nq	
89) Benzo(a)pyrene	15.55	252	865831	39.99	nq	99
90) Dibenzo(a,h)anthracene	17.12	278	691560	39.52	nq	98
91) Benzo(g,h,i)perylene	17.55	276	687272	38.88	nq	# 94

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

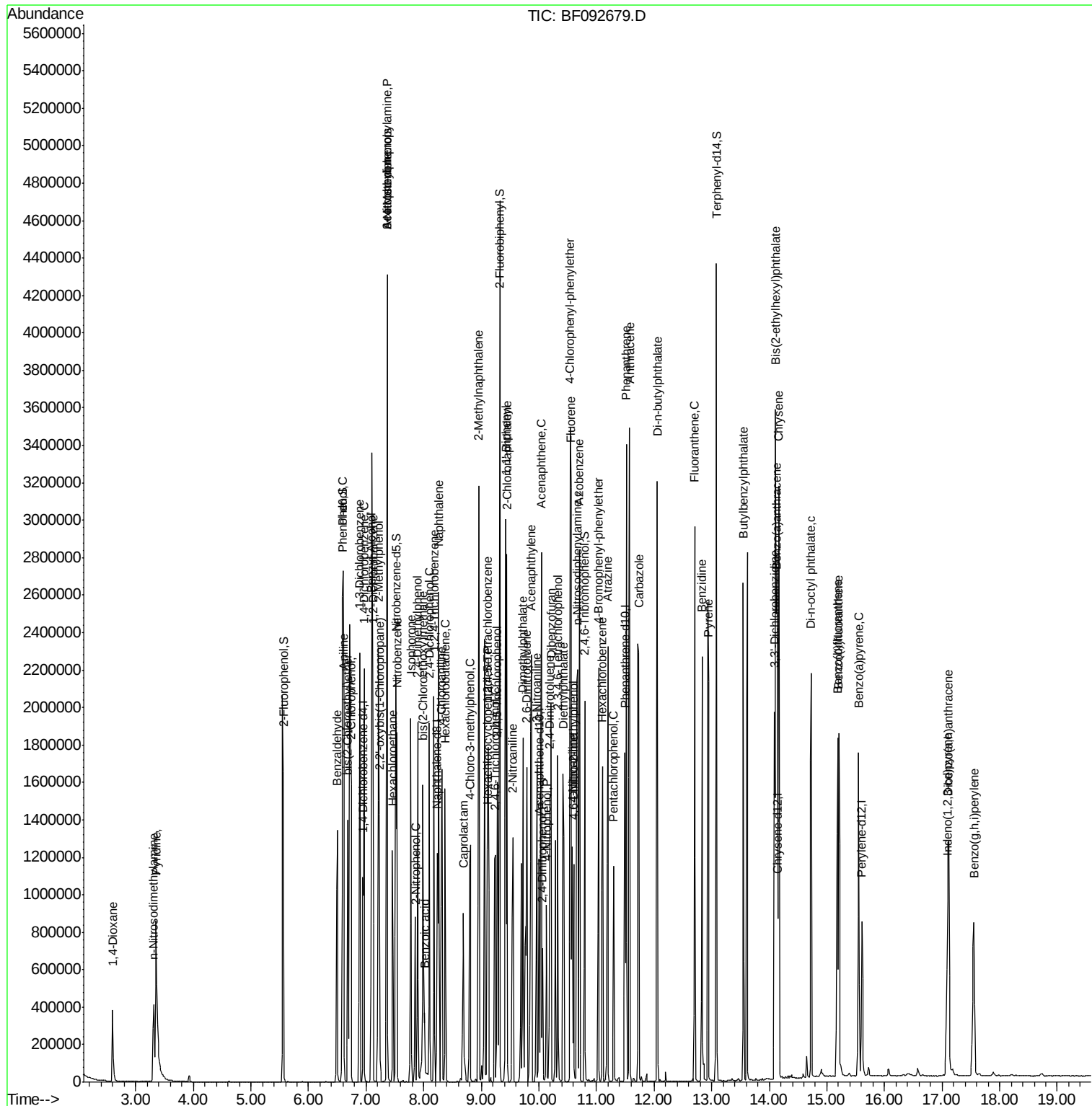
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\  
Data File : BF092679.D  
Acq On    : 31 Jan 2017  14:11  
Operator  : SJ/MA  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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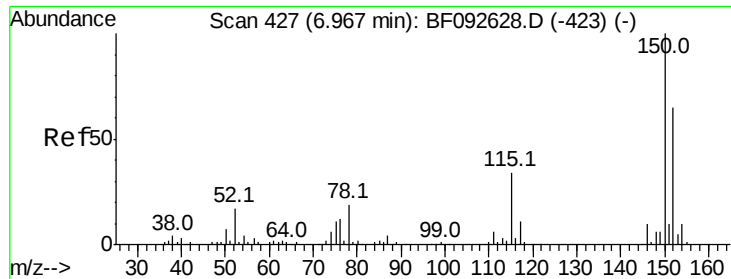
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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#1

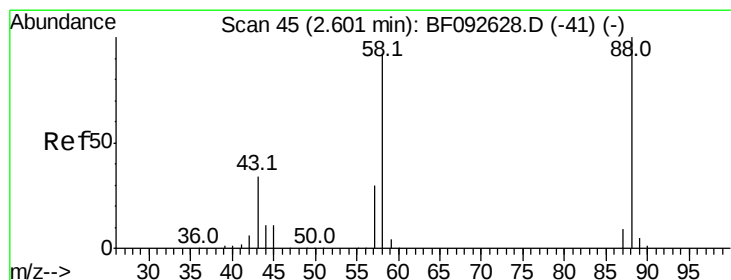
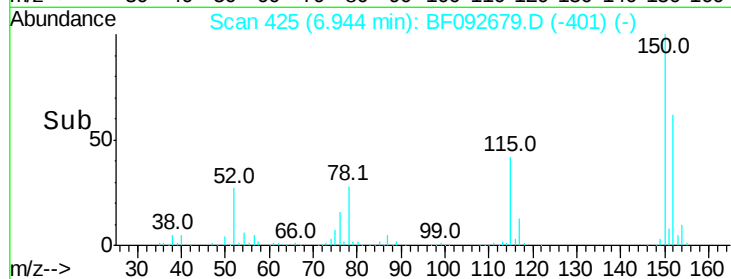
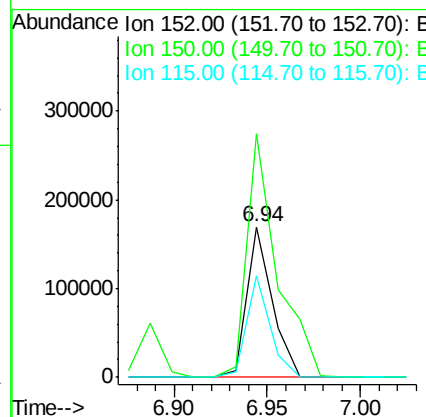
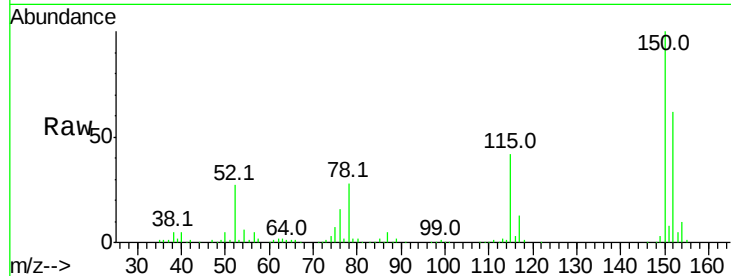
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.9	187.3
115	67.2	46.0	69.0

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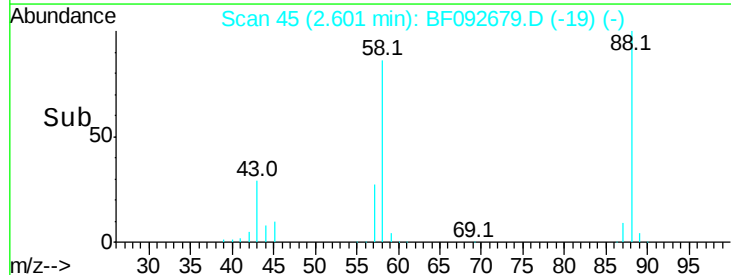
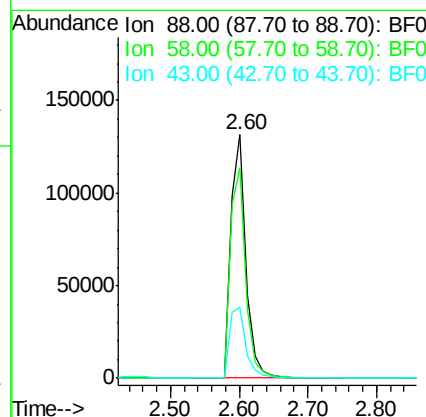
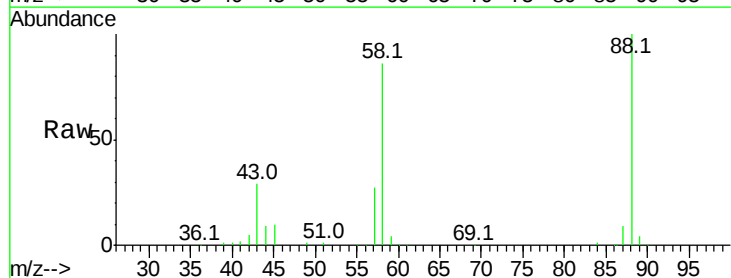
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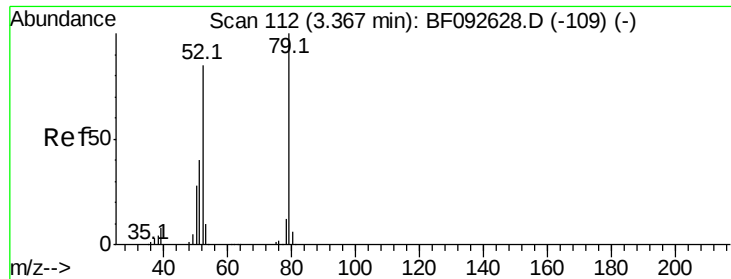


#2

1,4-Dioxane
Concen: 40.30 ng
RT: 2.60 min Scan# 45
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	57.8	86.8#
43	32.0	22.3	33.5





#3

Pvridine

Concen: 48.04 ng/ml

RT: 3.36 min Scan# 111

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

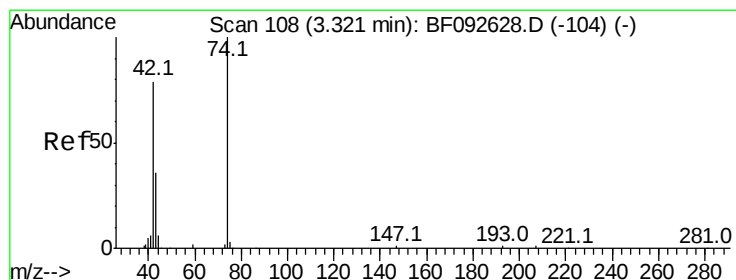
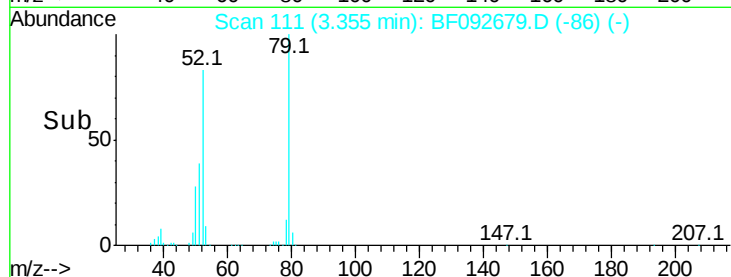
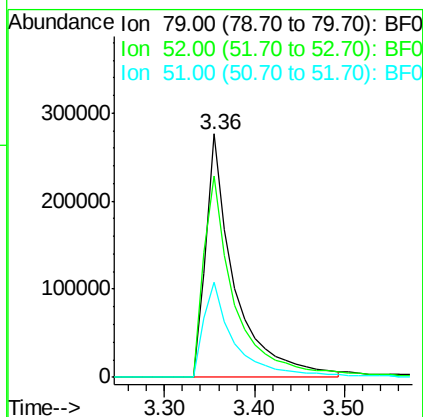
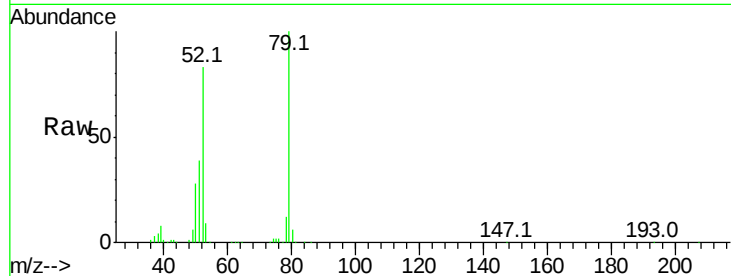
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	617152
Ion Ratio	Lower	Upper	
79	100		
52	83.0	57.1	85.7
51	38.9	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 47.93 ng/ml

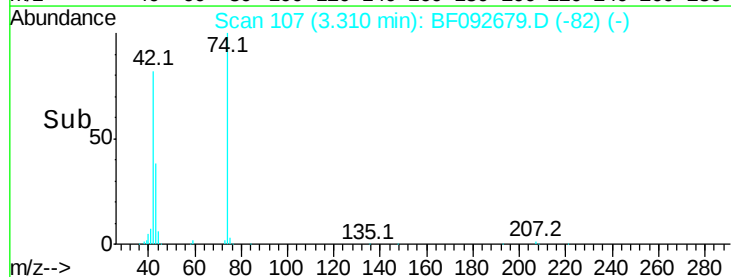
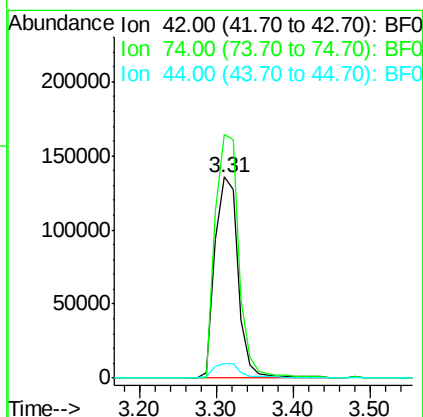
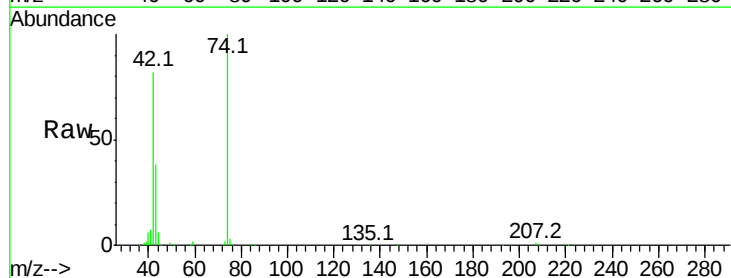
RT: 3.31 min Scan# 107

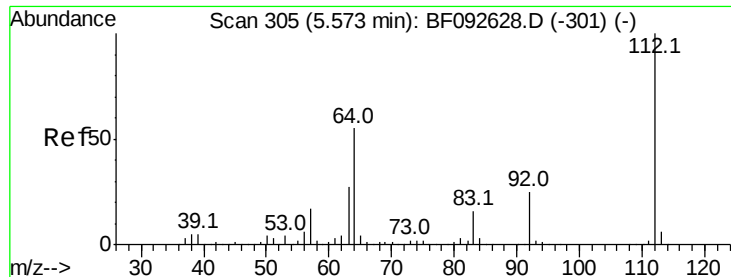
Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion:	42	Resp:	289164
Ion Ratio	Lower	Upper	
42	100		
74	121.2	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 82.07 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

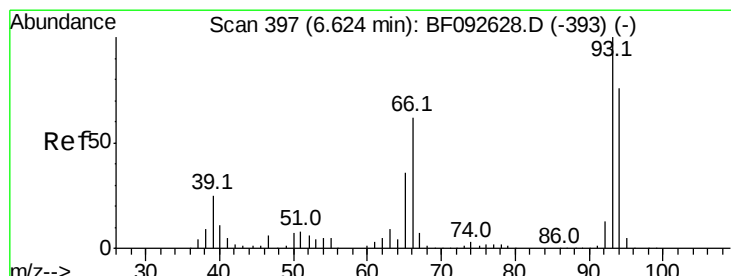
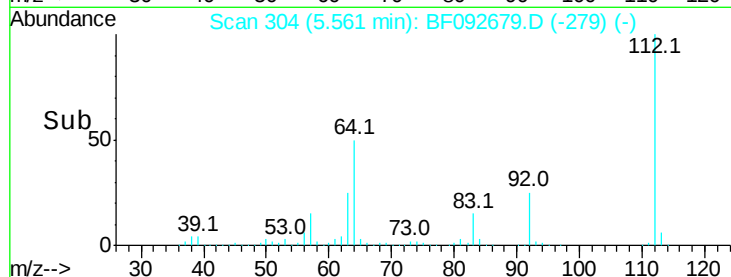
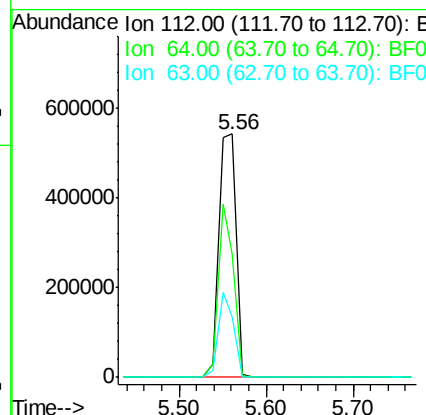
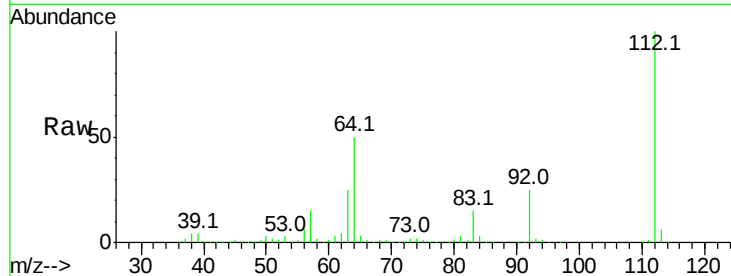
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	767439
Ion Ratio	Lower	Upper	
112	100		
64	50.5	46.1	69.1
63	24.7	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 42.04 ng

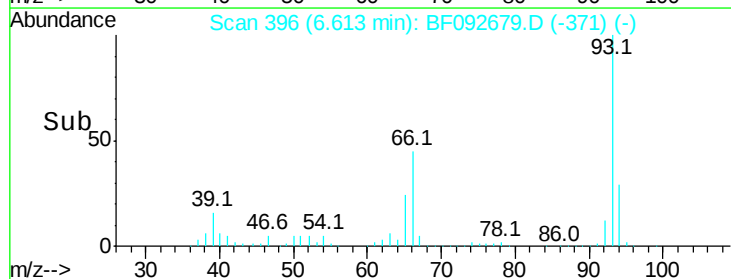
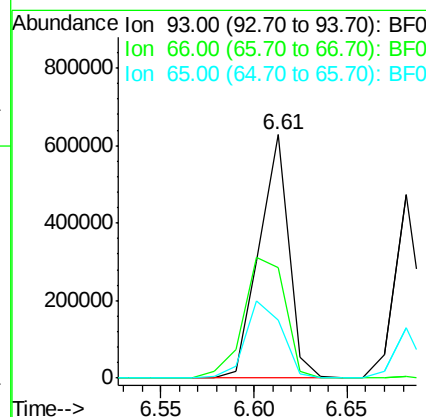
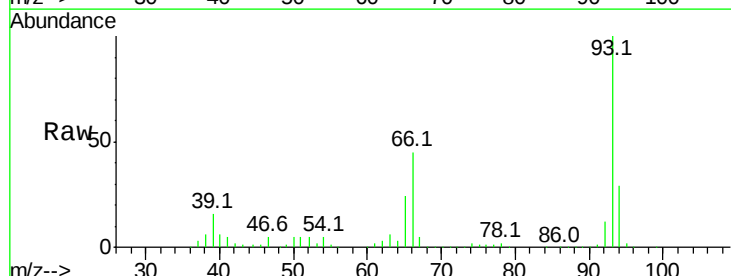
RT: 6.61 min Scan# 396

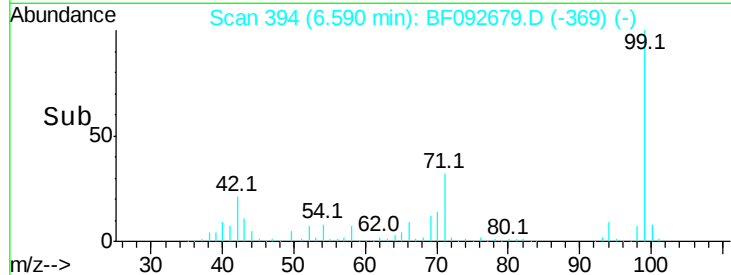
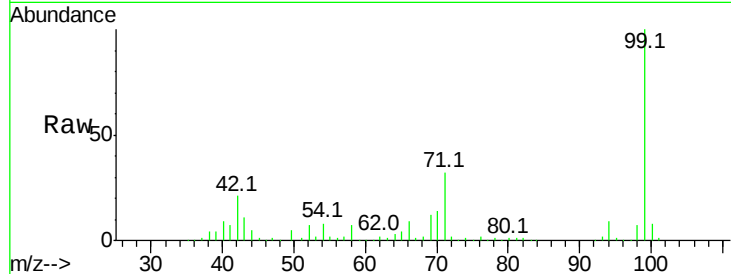
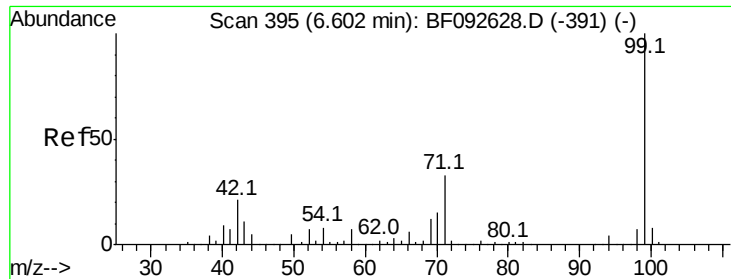
Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion:	93	Resp:	689926
Ion Ratio	Lower	Upper	
93	100		
66	45.4	76.2	114.2#
65	23.9	49.3	73.9#





#7

Phenol-d6

Concen: 78.86 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tot Ion:	99	Resp:	948838
Ion Ratio	Lower	Upper	
99	100		
42	20.8	15.6	23.4
71	32.3	27.5	41.3

Instrument :

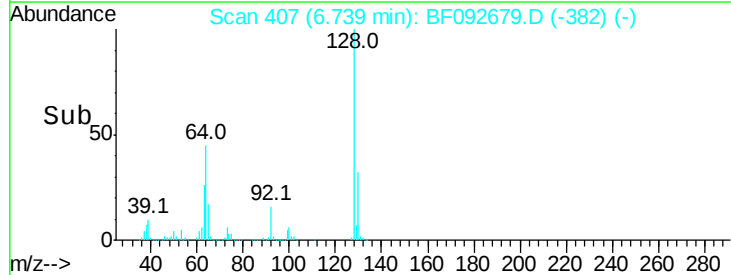
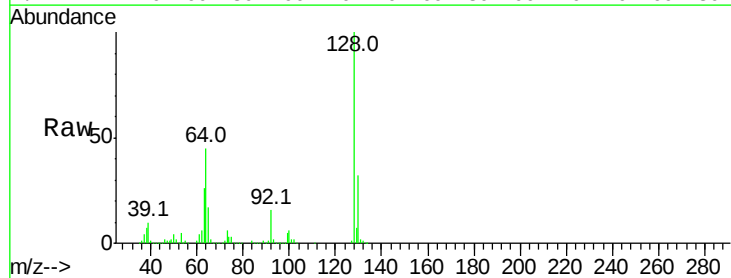
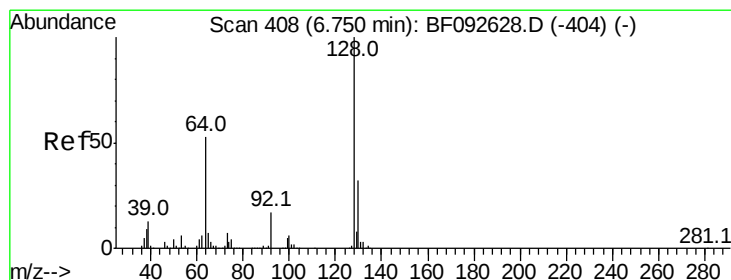
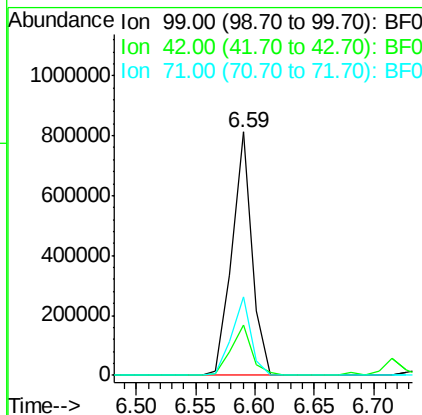
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.49 ng

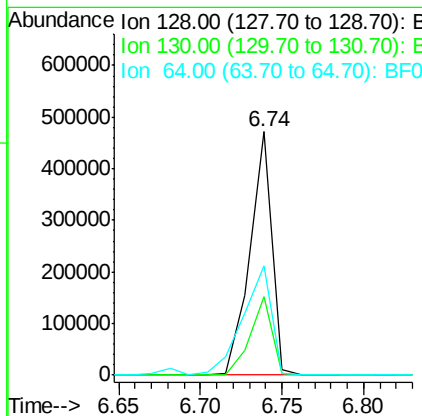
RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion:	128	Resp:	438309
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.3	52.3
64	44.6	32.2	72.2





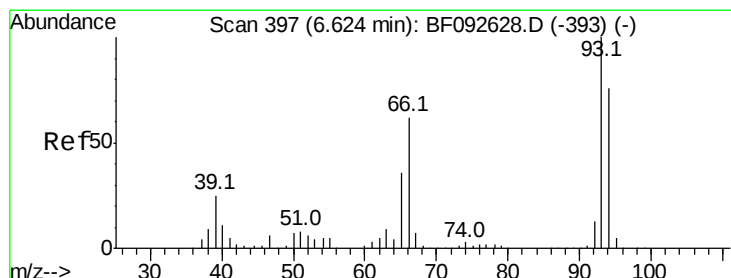
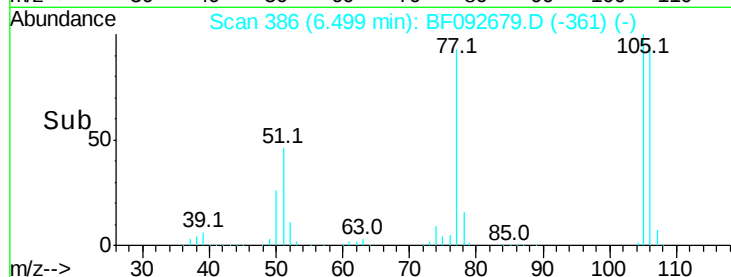
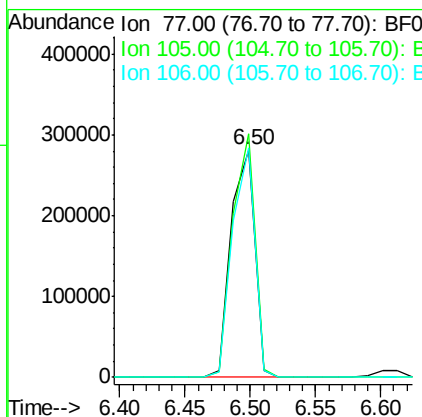
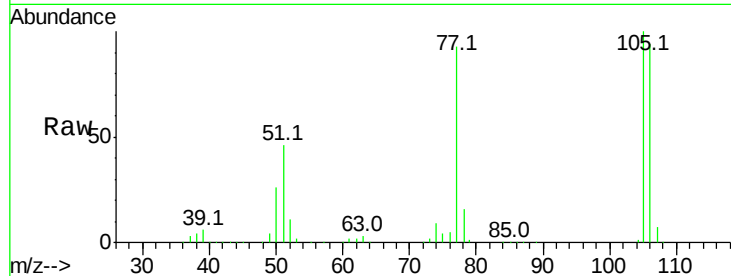
#9
Benzaldehyde
Concen: 41.22 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 355298
Ion Ratio Lower Upper
77 100
105 107.0 83.9 123.9
106 100.6 77.6 117.6

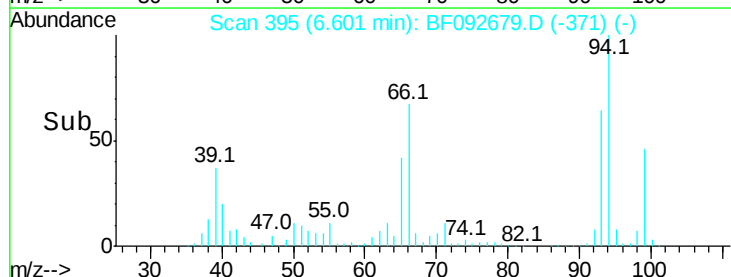
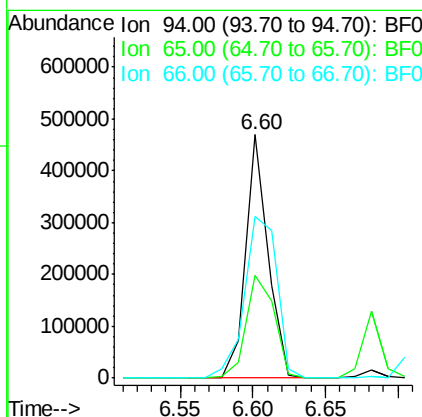
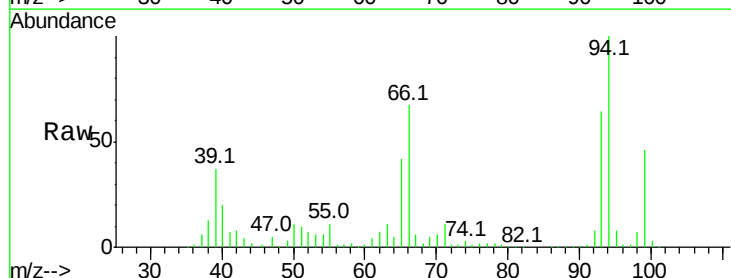
Manual Integrations
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#10
Phenol
Concen: 35.63 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion: 94 Resp: 501499
Ion Ratio Lower Upper
94 100
65 42.4 21.4 61.4
66 66.6 44.0 84.0





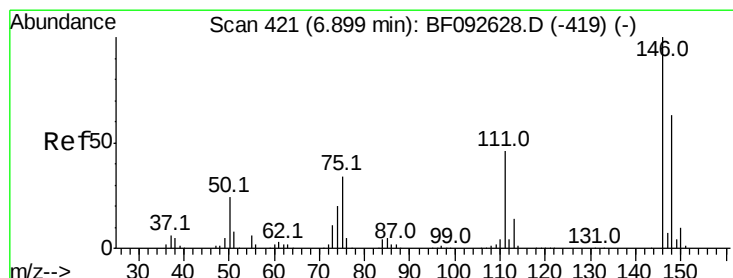
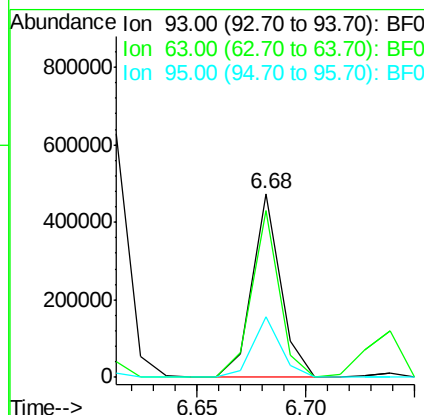
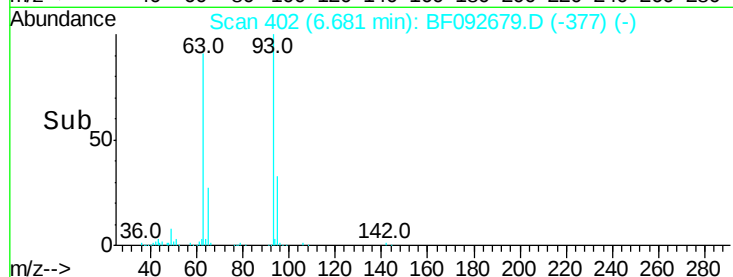
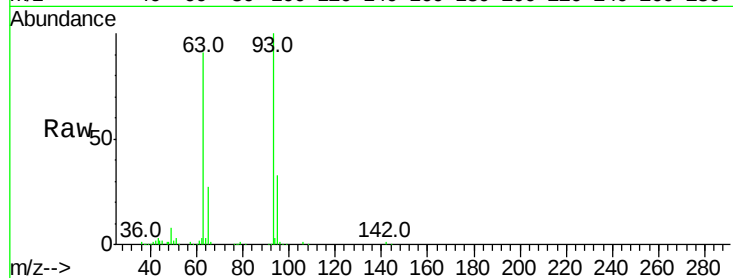
#11
bis(2-Chloroethyl)ether
Concen: 38.08 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.6	60.4	100.4
95	32.9	12.8	52.8

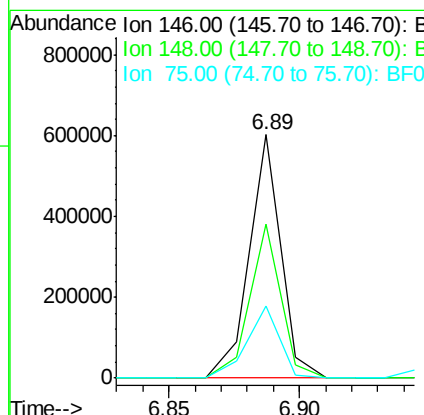
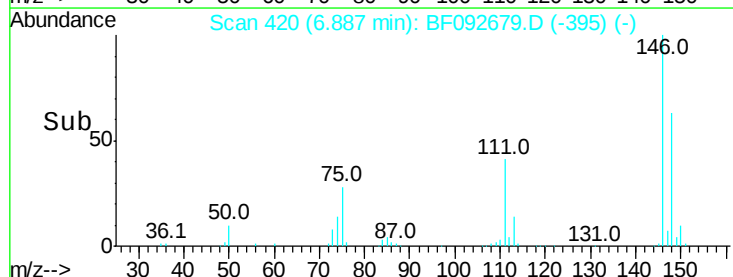
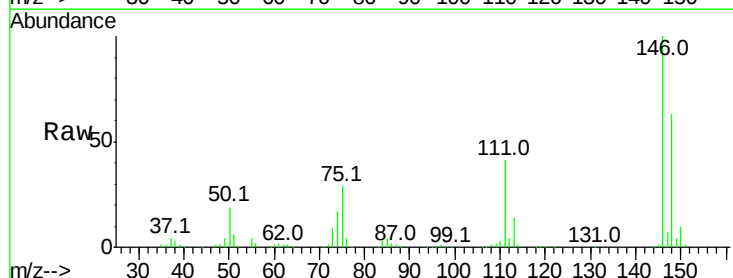
Manual Integrations
APPROVED

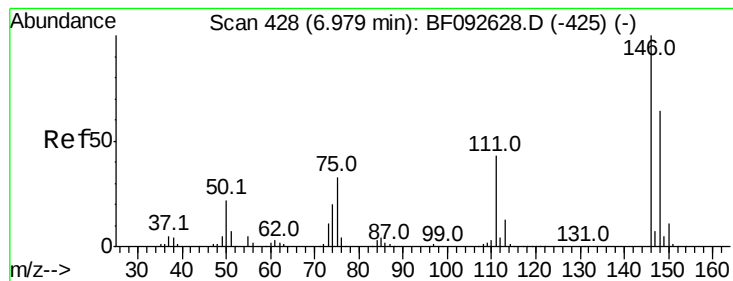
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.26 ng m
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.4	80.0
75	29.5	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 43.95 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

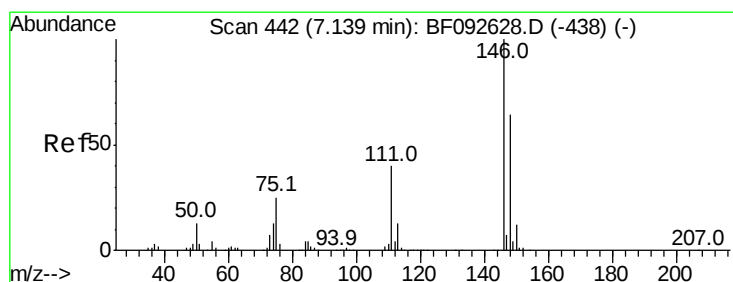
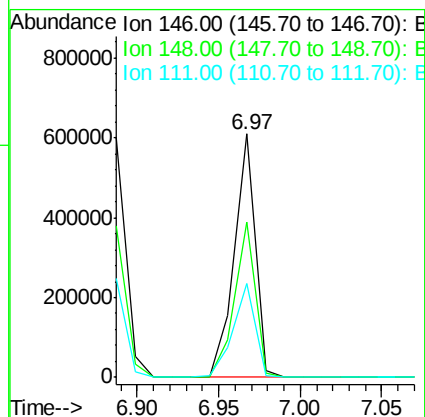
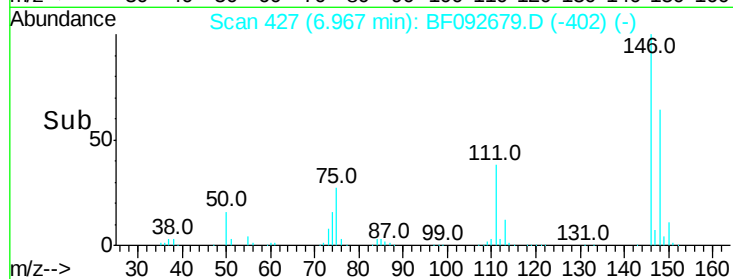
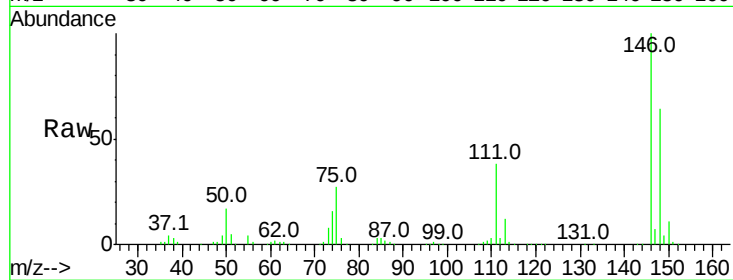
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	537490
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	76.0
111	38.4	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 38.69 ng

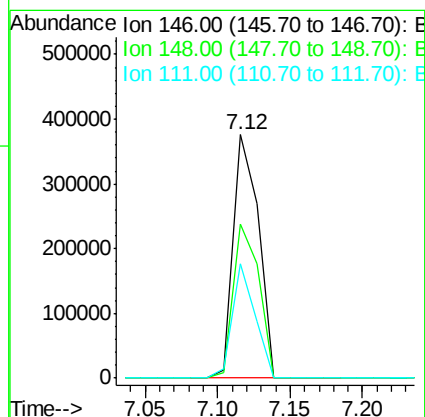
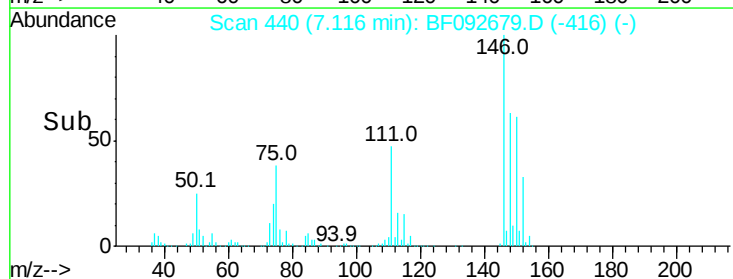
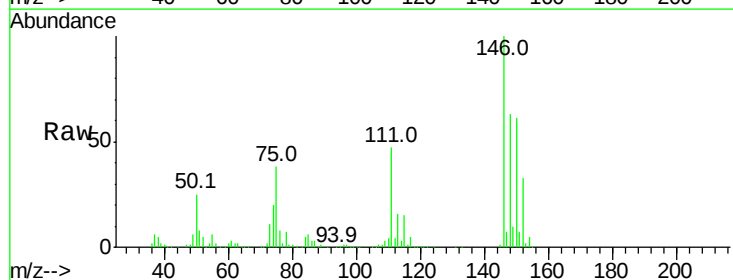
RT: 7.12 min Scan# 440

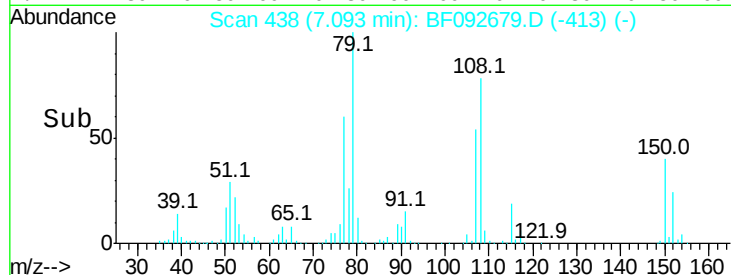
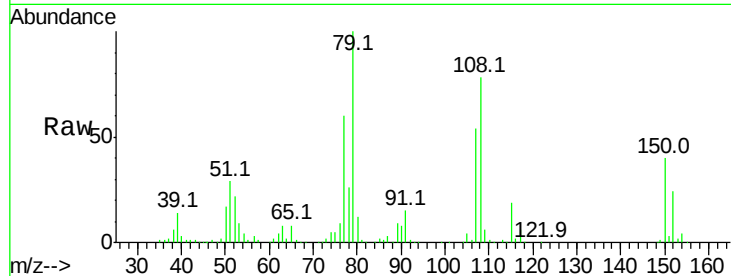
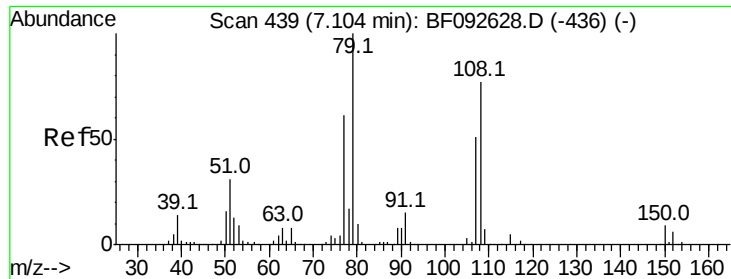
Delta R.T. -0.02 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion:	146	Resp:	452443
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.2
111	47.2	36.2	54.2





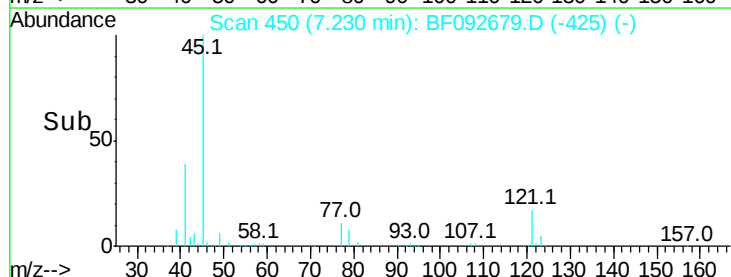
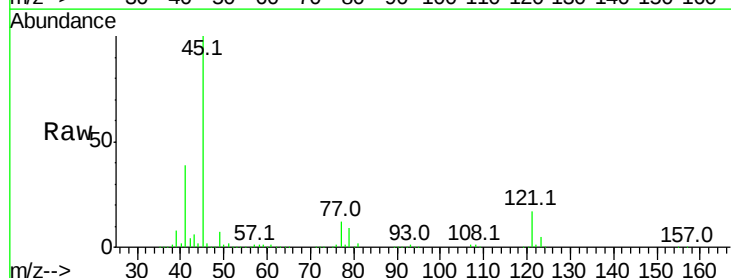
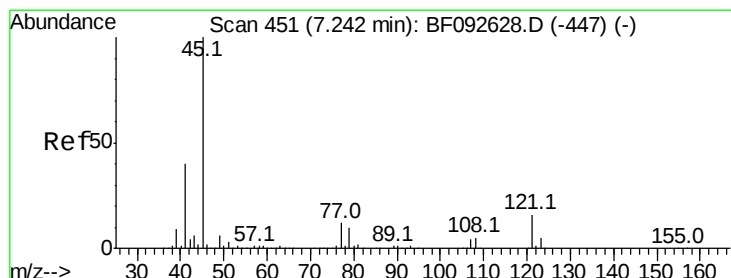
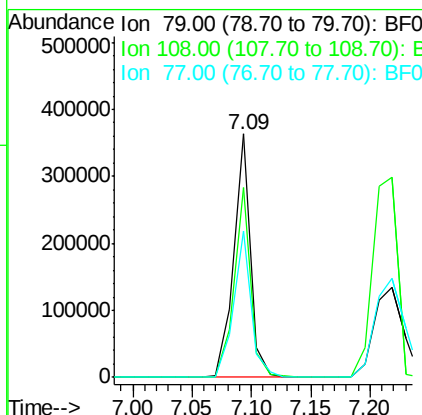
#15
Benzyl Alcohol
Concen: 40.18 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	61.4	92.0
77	60.3	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

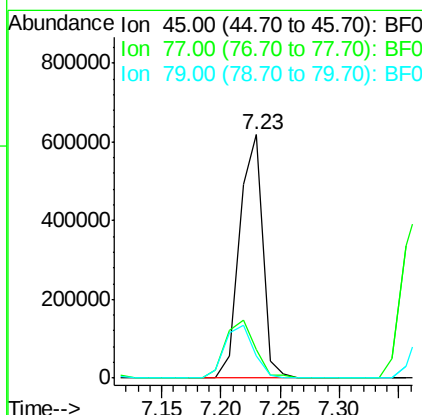
Manual Integrations
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.98 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	34.6
79	9.3	0.0	31.2





#17

2-Methylphenol

Concen: 43.31 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 383246

Ion Ratio Lower Upper

107 100

108 114.4 93.0 139.6

77 56.7 39.8 59.8

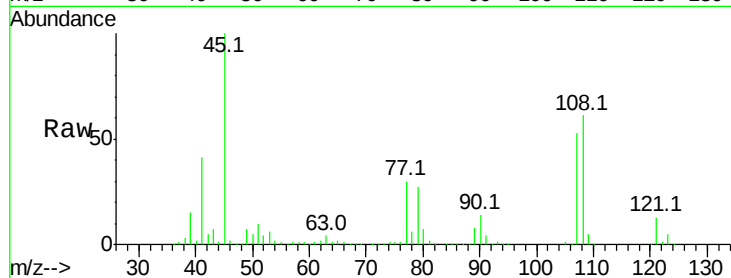
79 51.7 38.0 57.0

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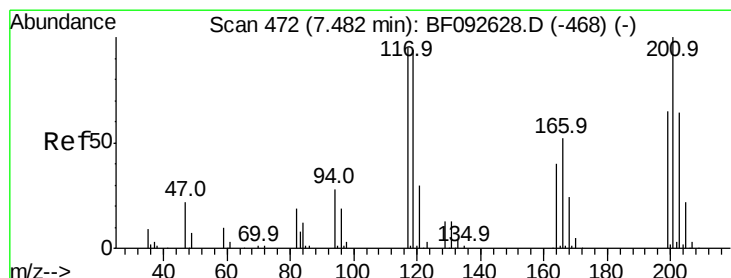
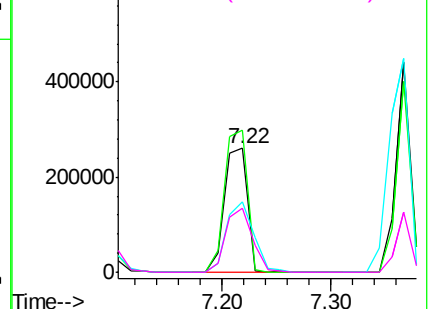
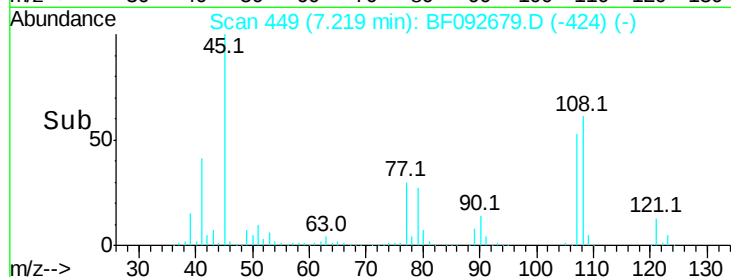


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.41 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

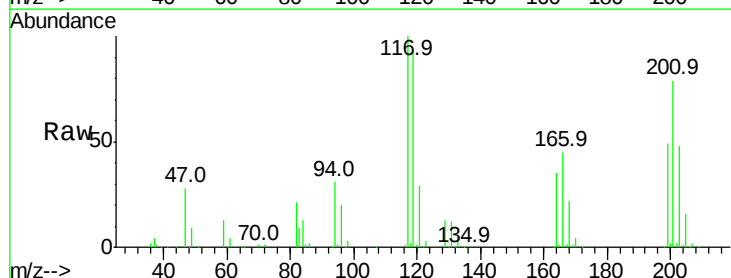
Tgt Ion:117 Resp: 168688

Ion Ratio Lower Upper

117 100

119 93.1 78.1 117.1

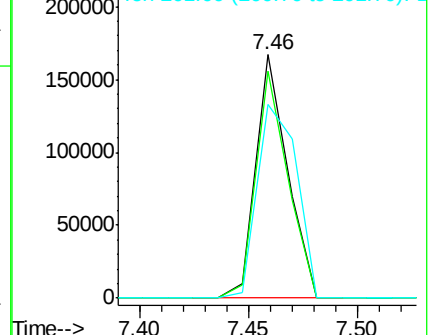
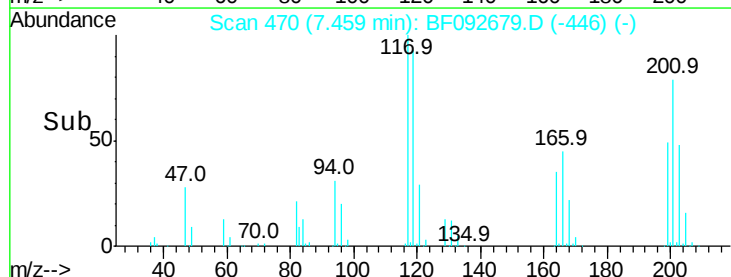
201 79.4 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





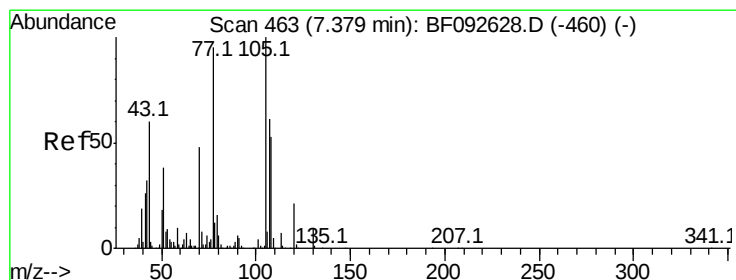
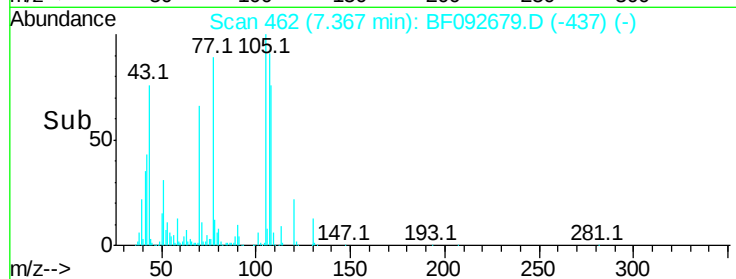
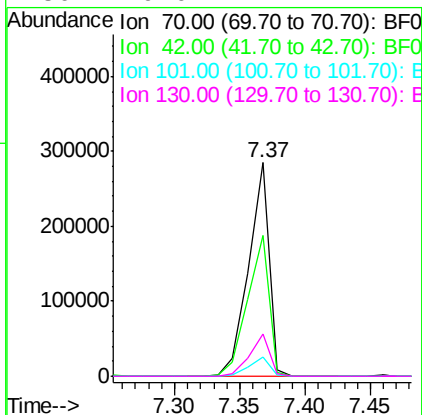
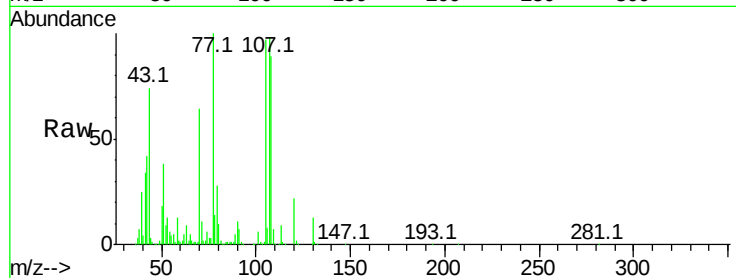
#19
n-Nitroso-di-n-propylamine
Concen: 40.81 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	70	Resp	312531
Ion Ratio	Lower	Upper	
70	100		
42	65.8	49.4	74.0
101	9.1	7.4	11.2
130	20.0	14.2	21.4

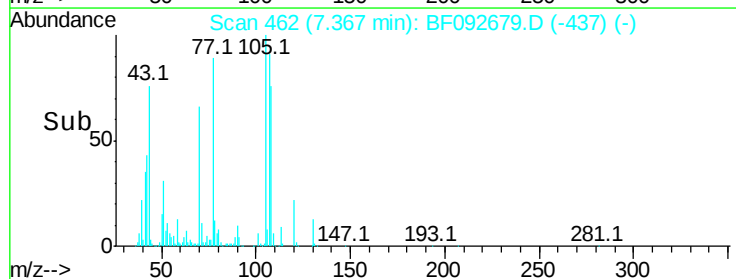
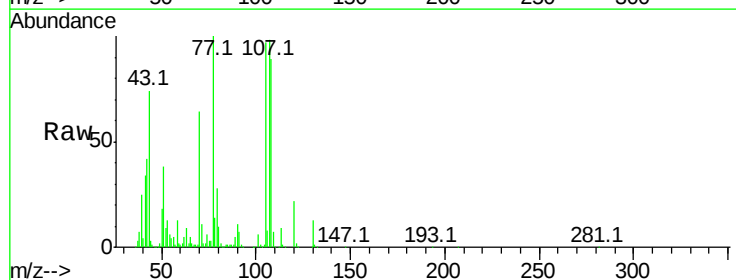
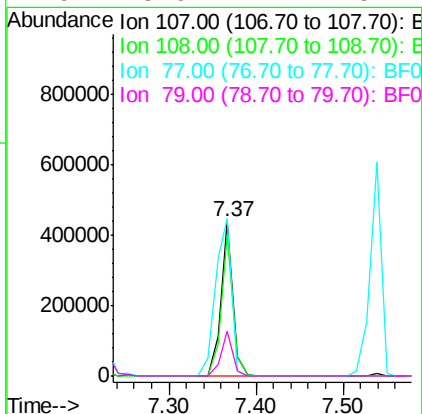
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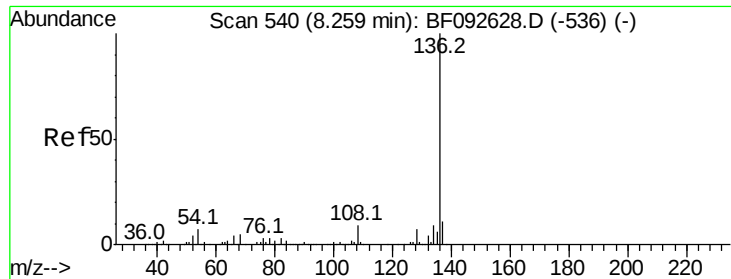
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#20
3+4-Methylphenols
Concen: 39.84 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	107	Resp	421535
Ion Ratio	Lower	Upper	
107	100		
108	91.1	73.0	113.0
77	102.0	71.3	111.3
79	28.9	11.1	51.1





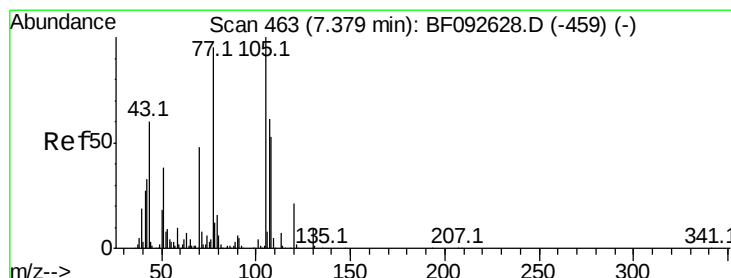
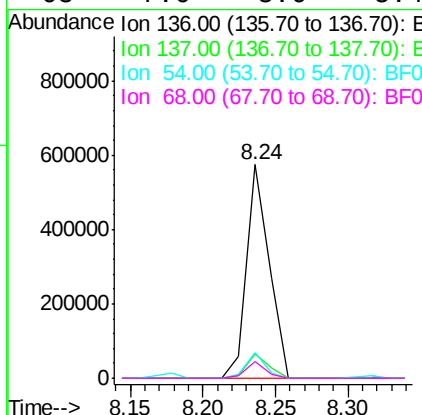
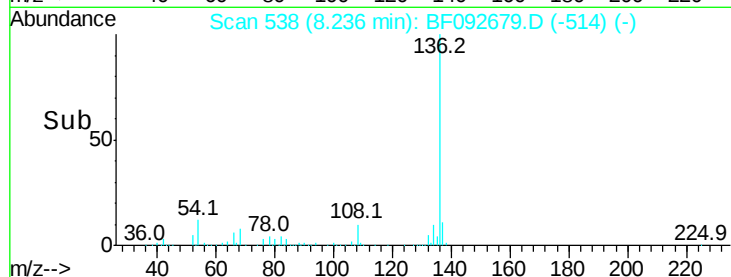
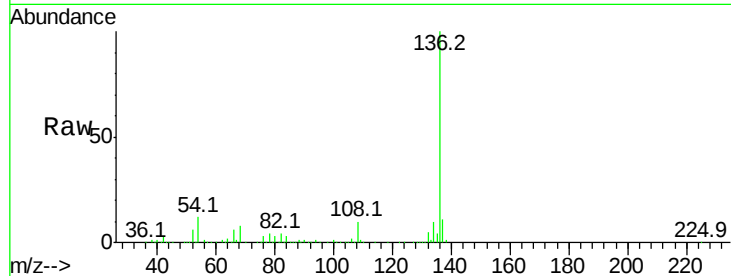
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	622079		
137	11.2	8.4	12.6	
54	11.7	4.5	6.7#	
68	7.6	3.6	5.4#	

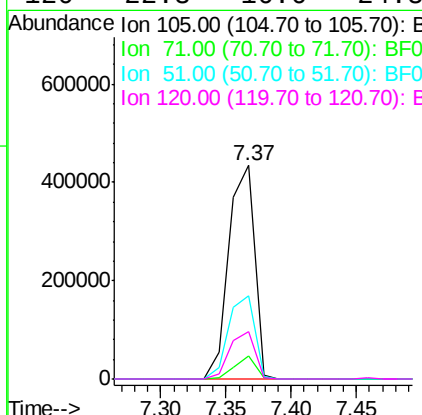
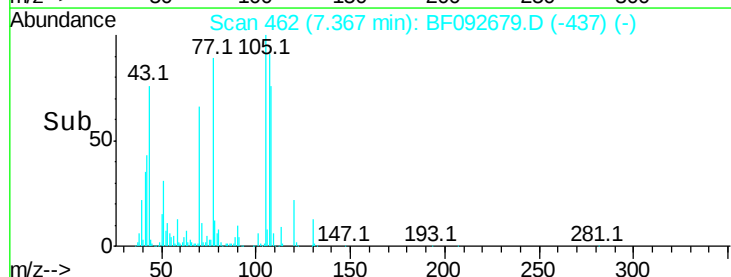
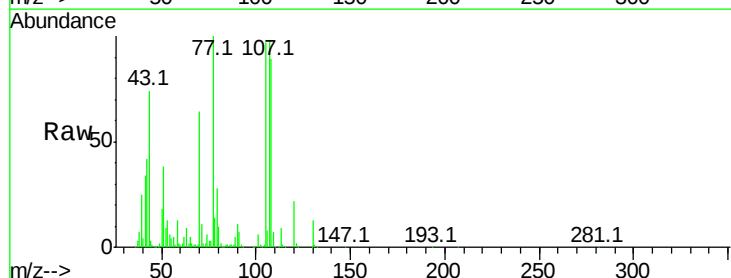
Manual Integrations
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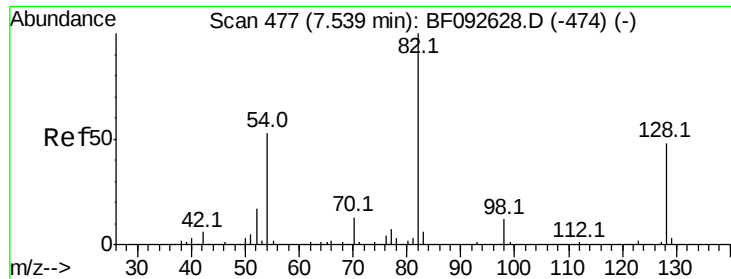
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#22
Acetophenone
Concen: 41.90 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	595168		
71	11.0	3.2	4.8#	
51	38.9	26.2	39.4	
120	22.3	16.6	24.8	





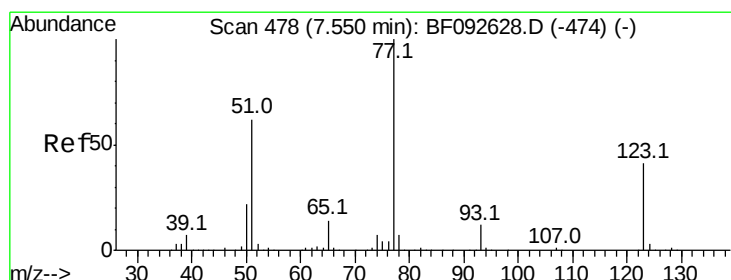
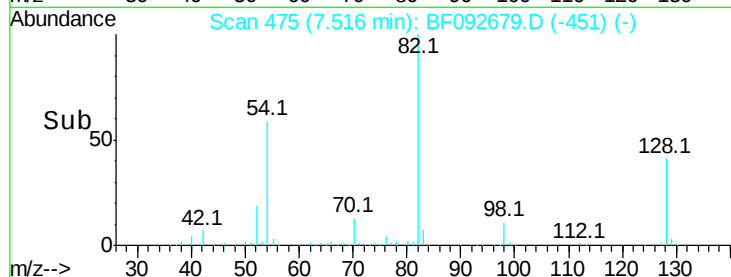
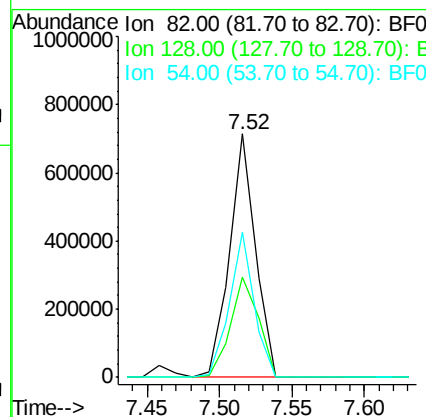
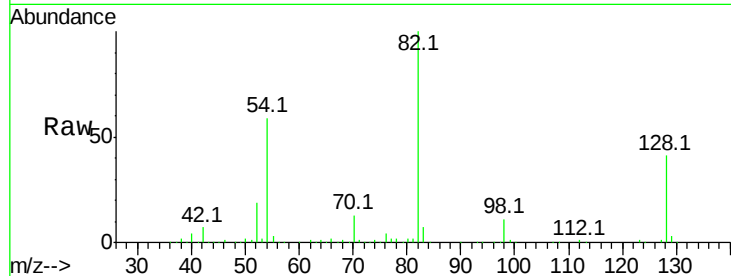
#23
 Nitrobenzene-d5
 Concen: 78.90 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.2	34.6	52.0	
54	59.4	39.5	59.3	

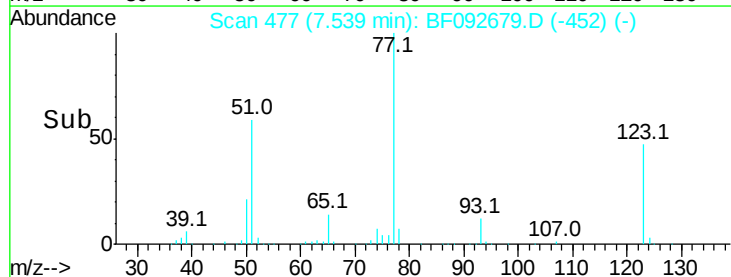
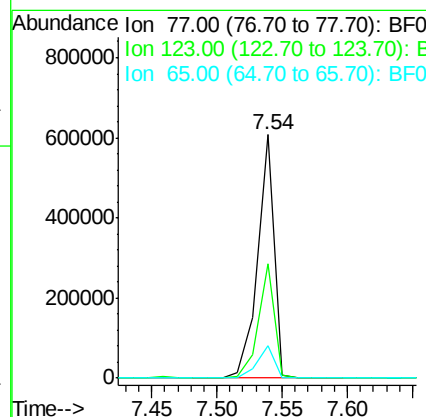
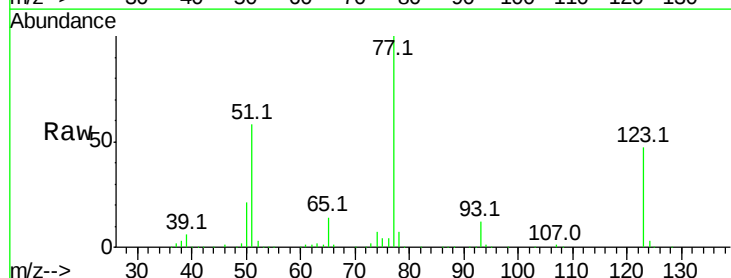
Manual Integrations
 APPROVED

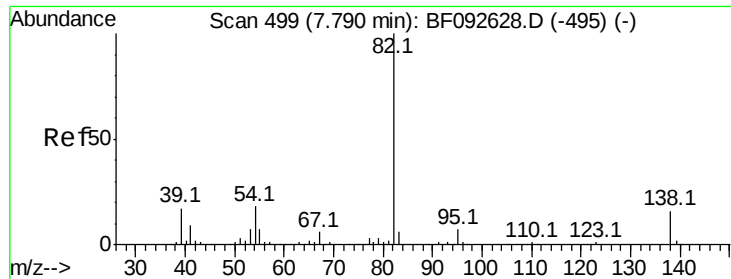
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#24
 Nitrobenzene
 Concen: 46.89 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.0	33.0	49.4	
65	13.5	11.2	16.8	





#25

Isophorone

Concen: 43.48 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

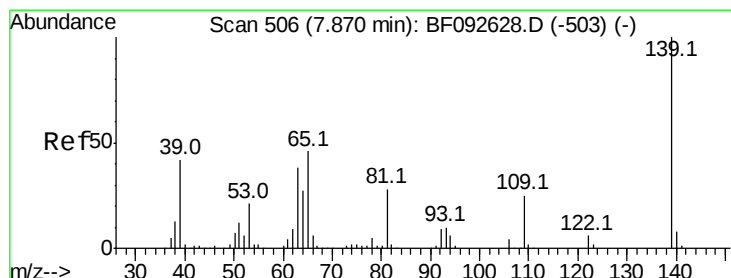
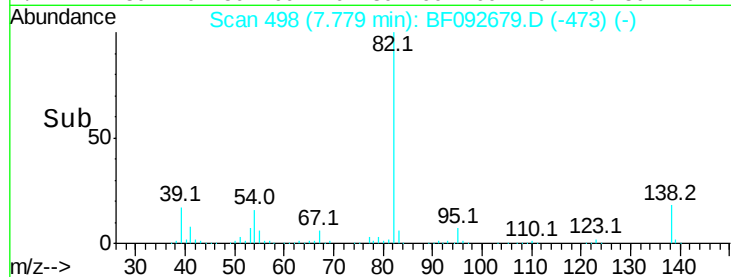
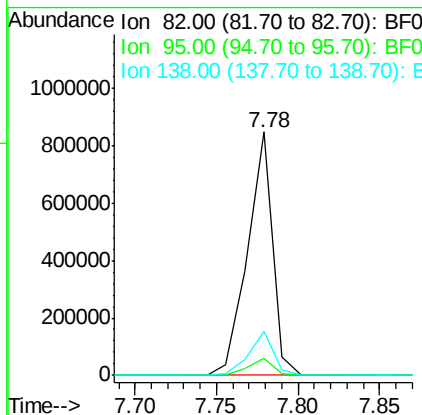
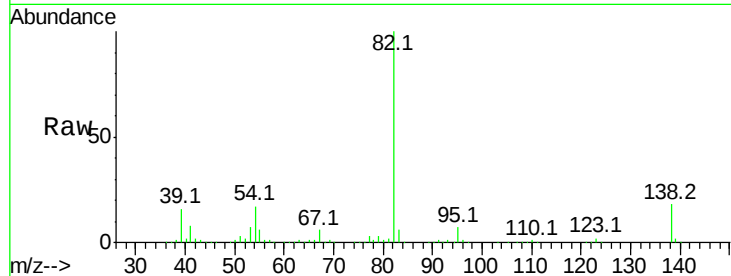
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	905186
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	17.9	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.05 ng

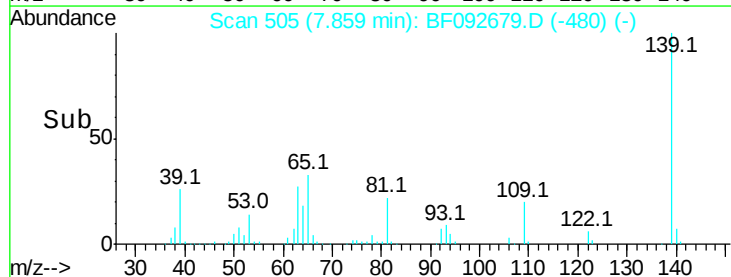
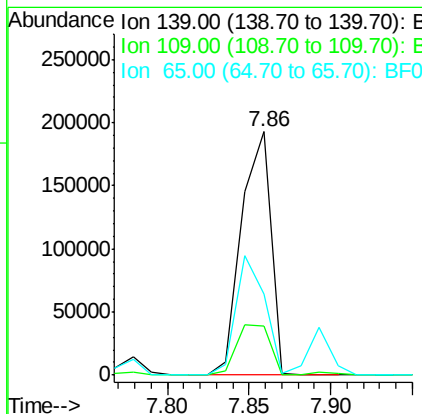
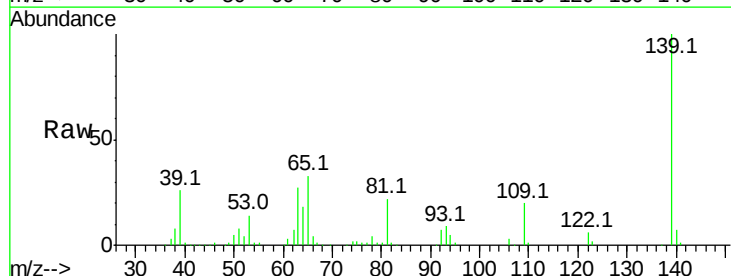
RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion:	139	Resp:	240208
Ion Ratio	Lower	Upper	
139	100		
109	20.3	23.3	34.9#
65	33.4	42.7	64.1#





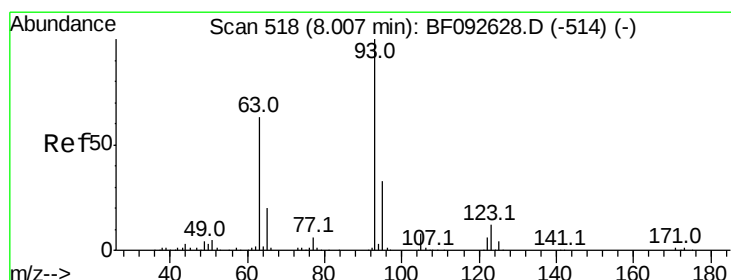
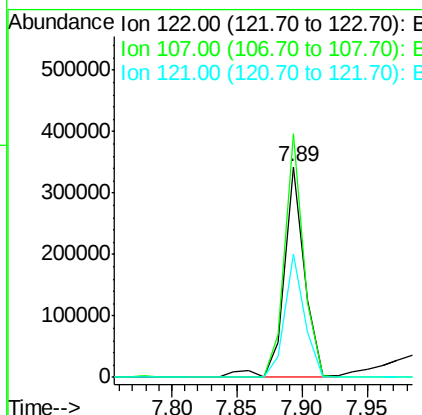
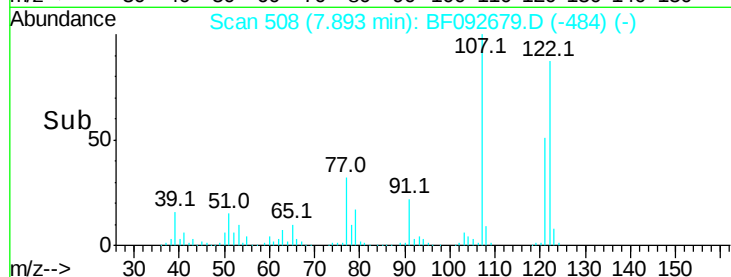
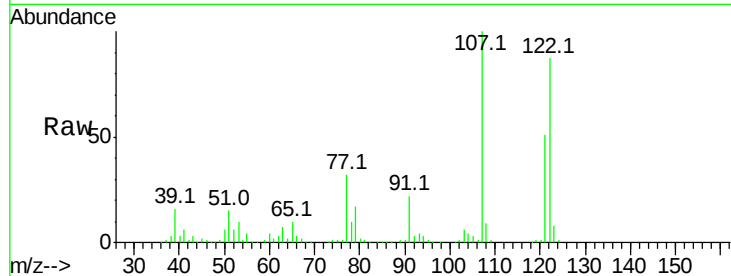
#27
2,4-Dimethylphenol
Concen: 39.71 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	94.1	141.1
121	58.4	46.0	69.0

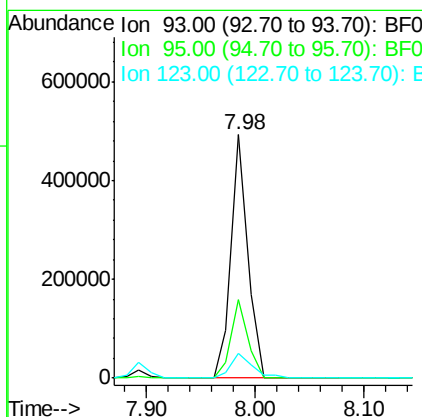
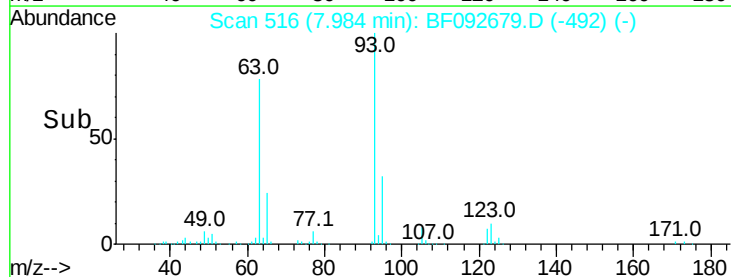
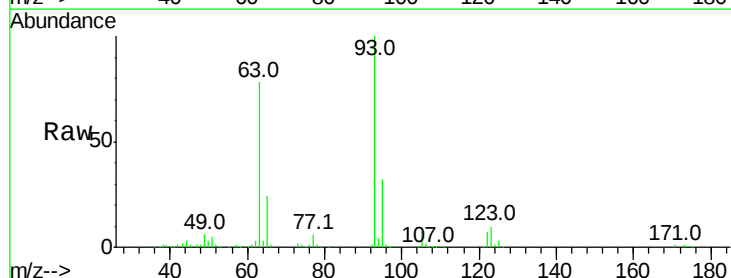
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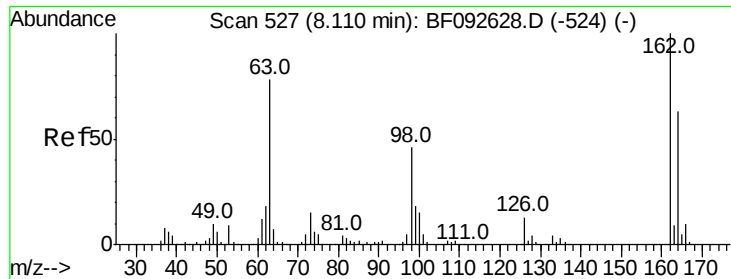
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.11 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	10.1	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 40.99 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

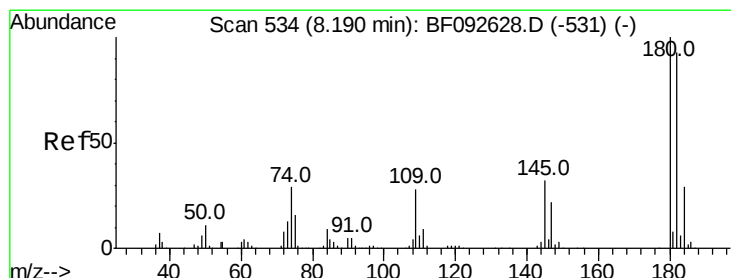
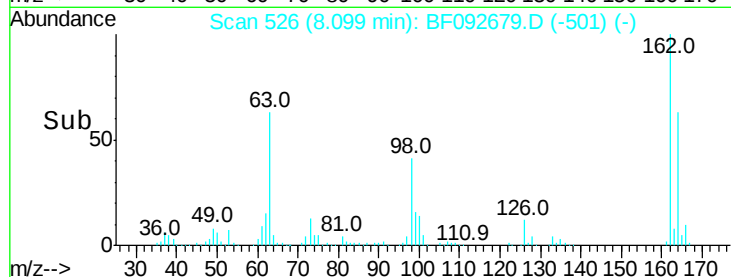
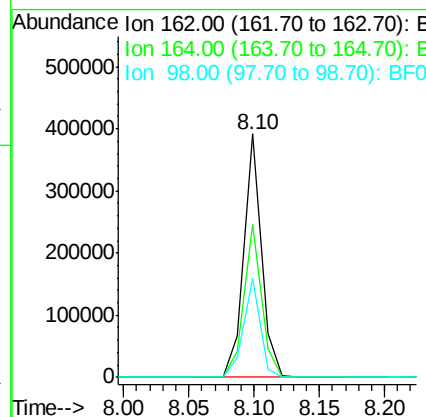
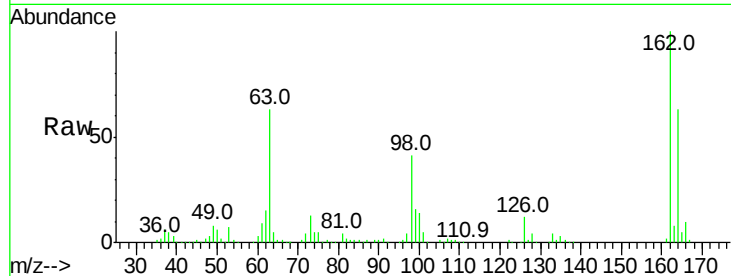
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	366079
Ion Ratio	Lower	Upper	
162	100		
164	62.7	46.8	86.8
98	40.5	9.1	49.1

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#30

1,2,4-Trichlorobenzene

Concen: 40.81 ng

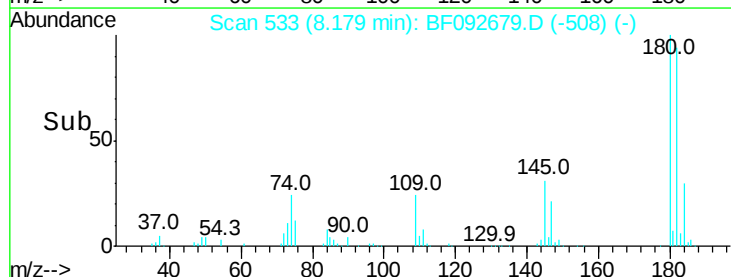
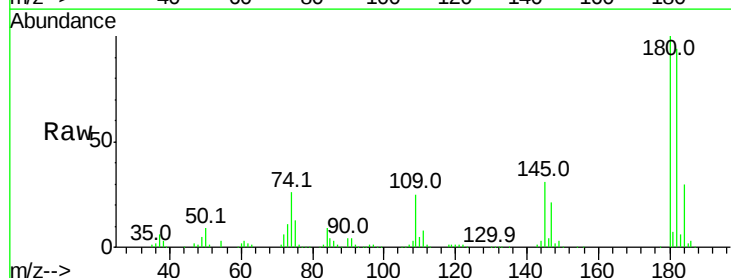
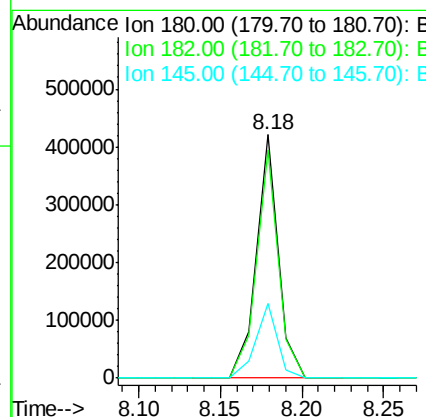
RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion:	180	Resp:	392802
Ion Ratio	Lower	Upper	
180	100		
182	93.8	78.2	117.4
145	30.9	21.6	32.4





#31

Naphthalene

Concen: 38.71 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1220589

Ion Ratio Lower Upper

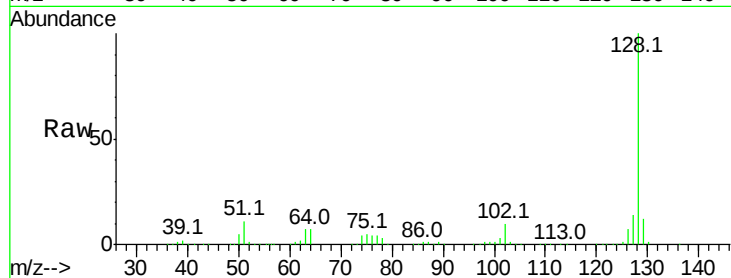
128 100

129 11.7 9.5 14.3

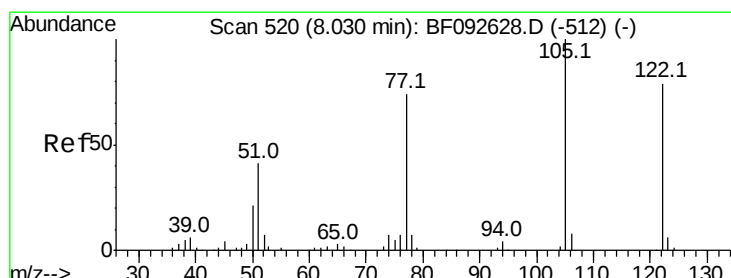
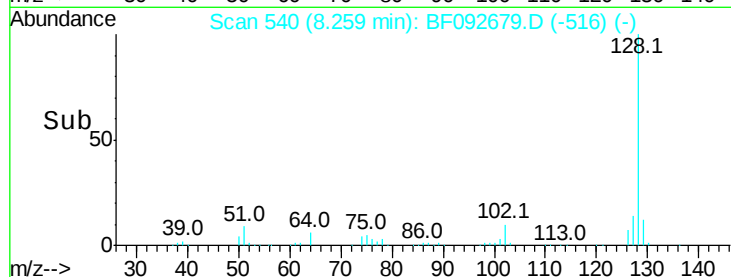
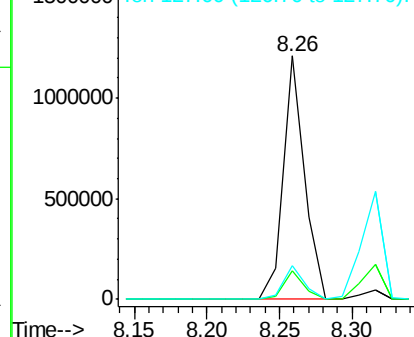
127 13.7 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.56 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

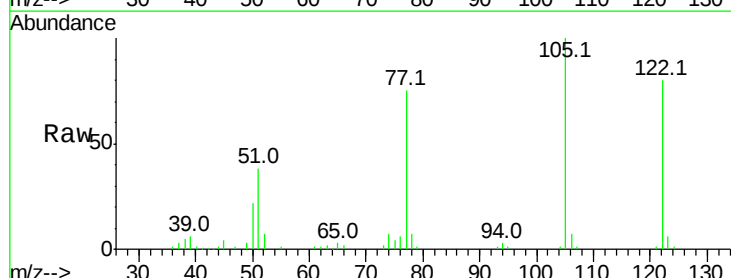
Tgt Ion:122 Resp: 225707

Ion Ratio Lower Upper

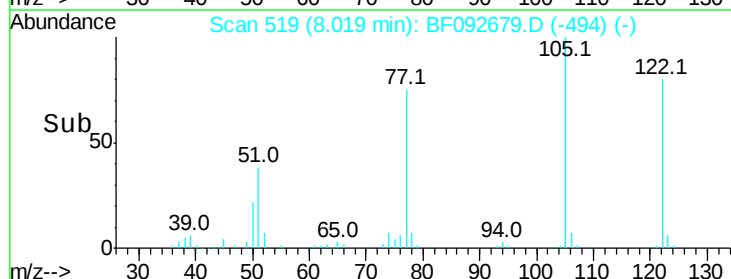
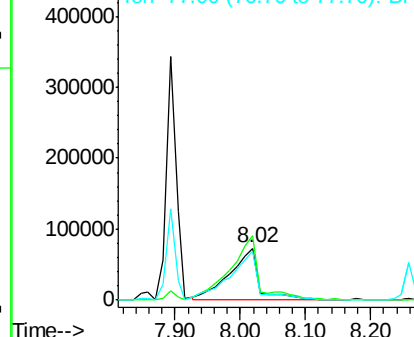
122 100

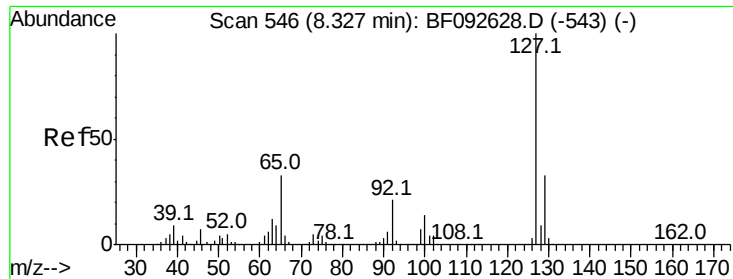
105 124.7 107.2 147.2

77 93.9 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





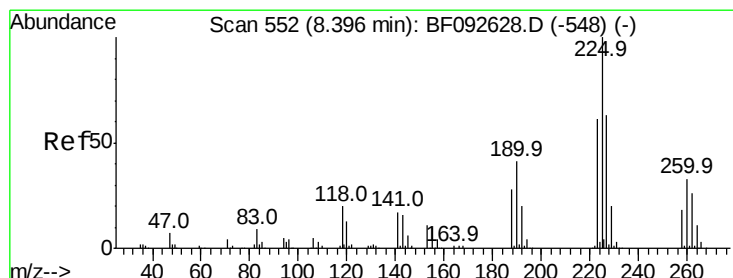
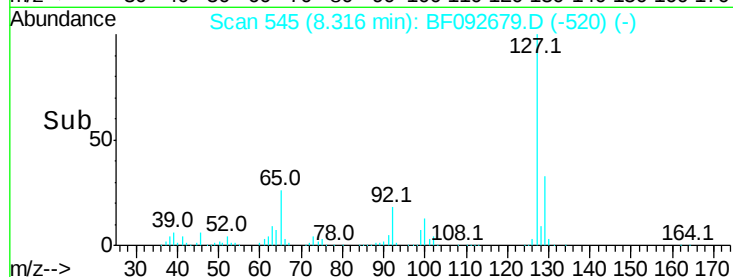
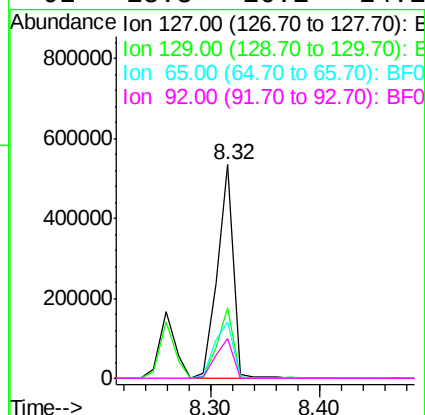
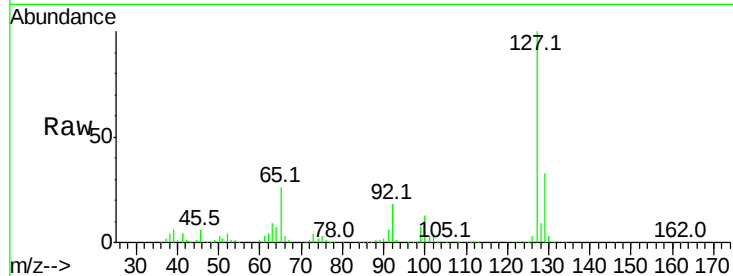
#33
4-Chloroaniline
Concen: 44.52 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.3	39.5	
65	26.4	25.8	38.8	
92	18.3	16.1	24.1	

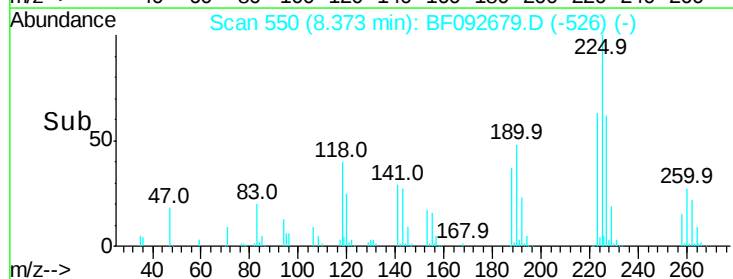
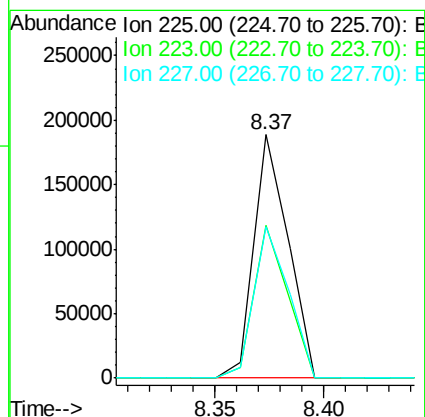
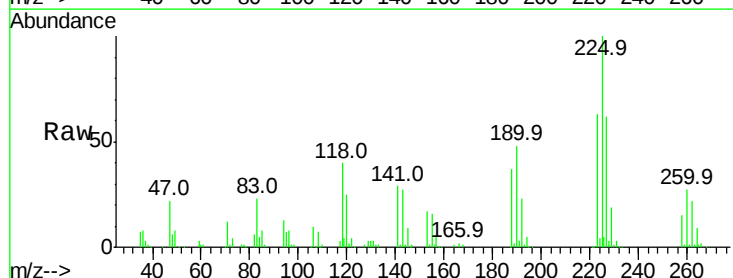
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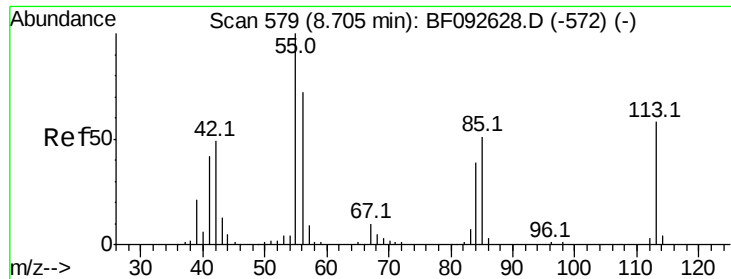
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#34
Hexachlorobutadiene
Concen: 39.05 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	51.0	76.6	
227	62.2	50.6	76.0	





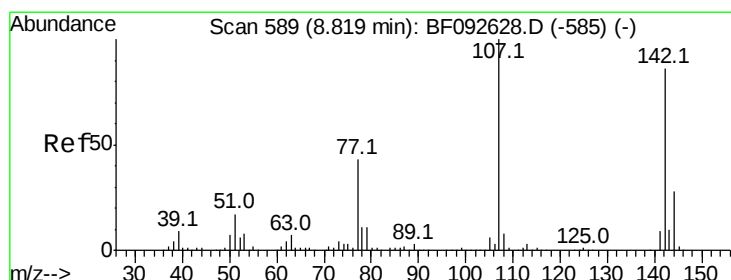
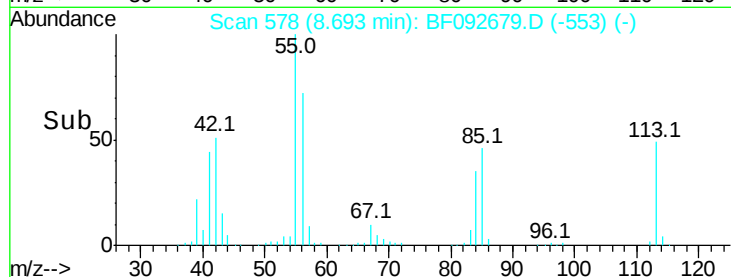
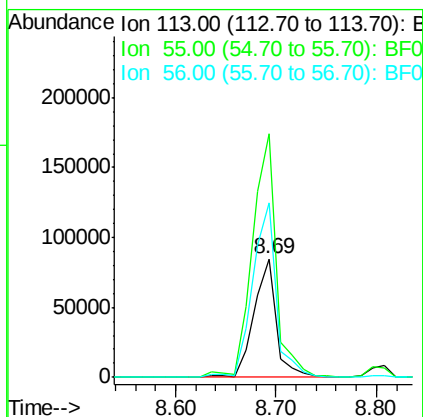
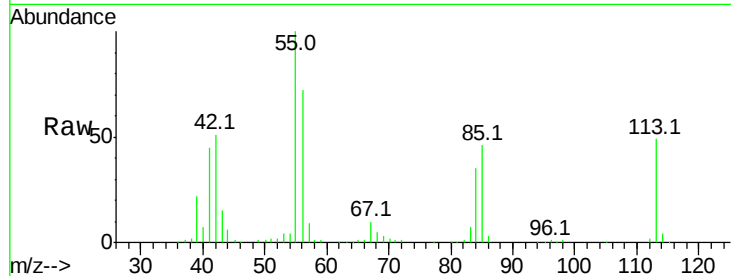
#35
Caprolactam
Concen: 46.26 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 129960
Ion Ratio Lower Upper
113 100
55 205.2 119.2 159.2#
56 147.5 83.8 123.8#

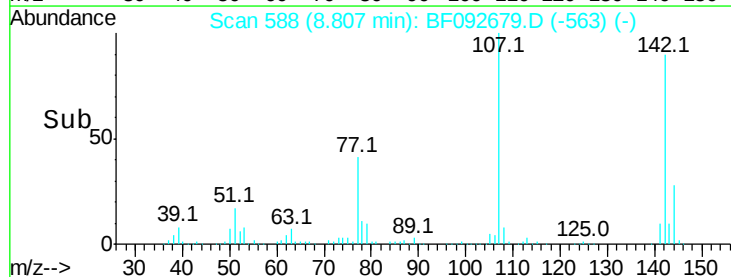
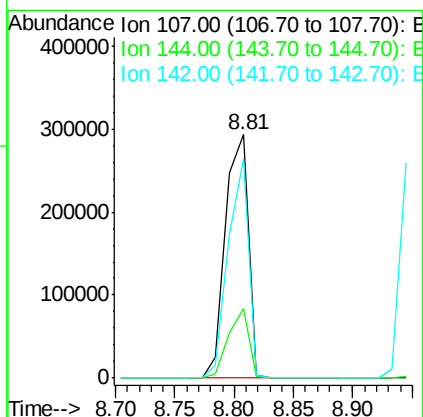
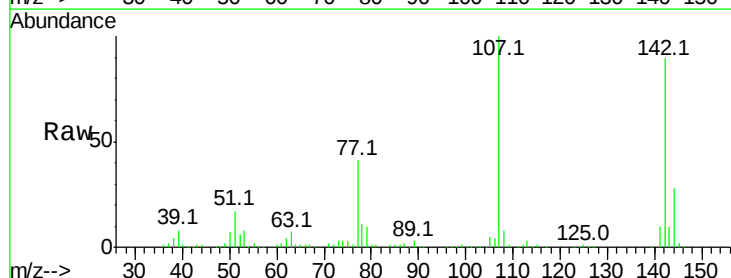
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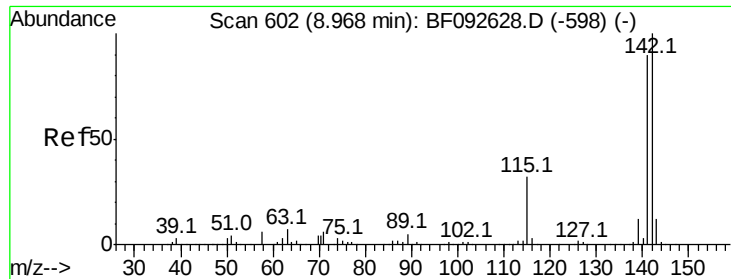
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#36
4-Chloro-3-methylphenol
Concen: 42.20 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion:107 Resp: 392918
Ion Ratio Lower Upper
107 100
144 28.5 19.3 28.9
142 90.1 59.0 88.6#





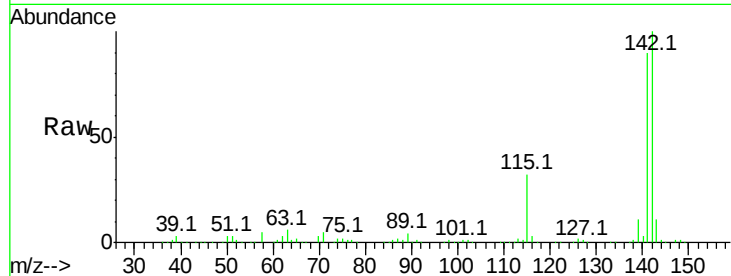
#37
2-Methylnaphthalene
Concen: 43.65 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

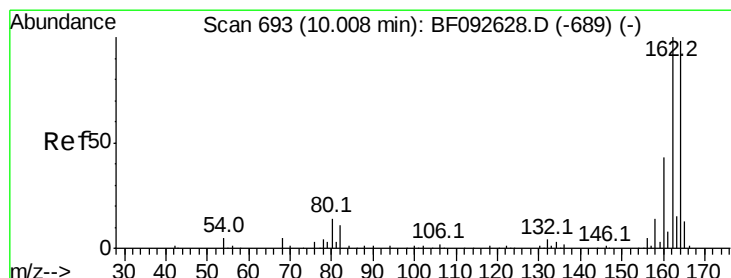
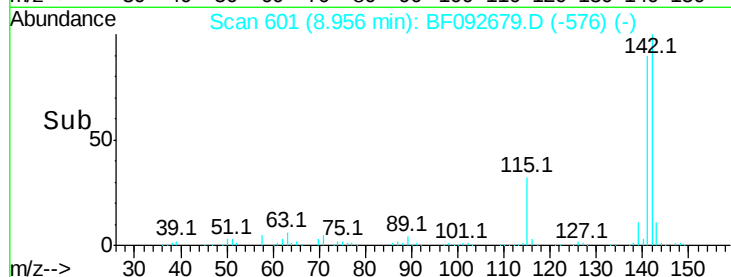
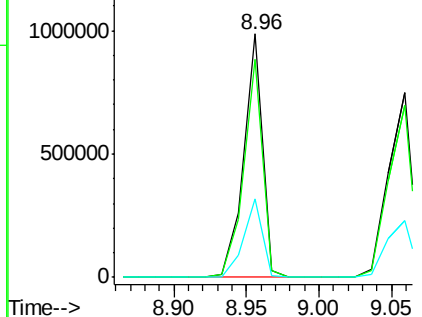
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	32.0	28.3	42.5

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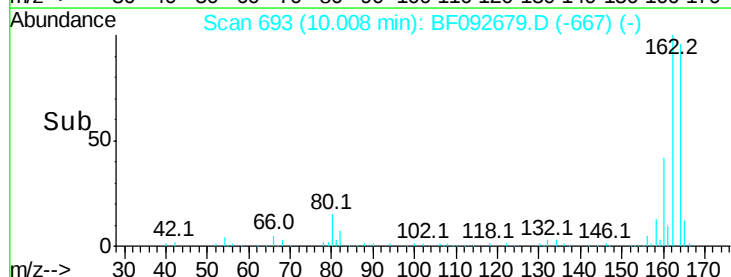
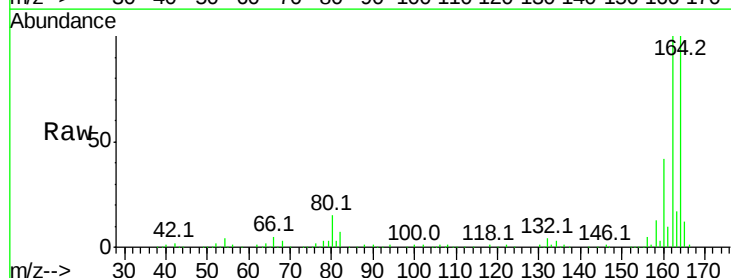
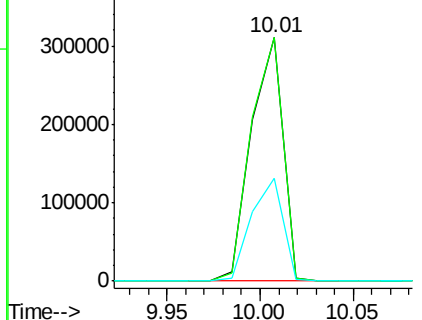
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

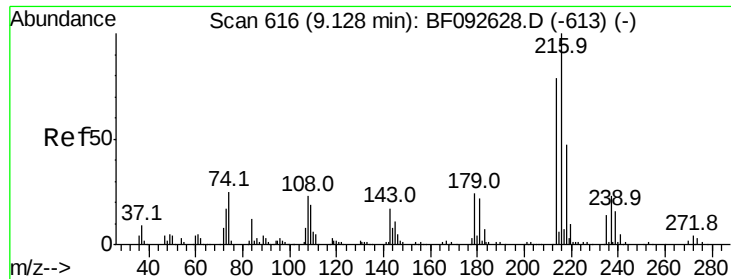


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	42.1	36.9	55.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





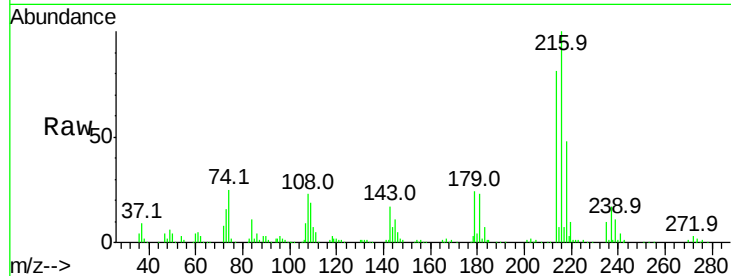
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.89 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

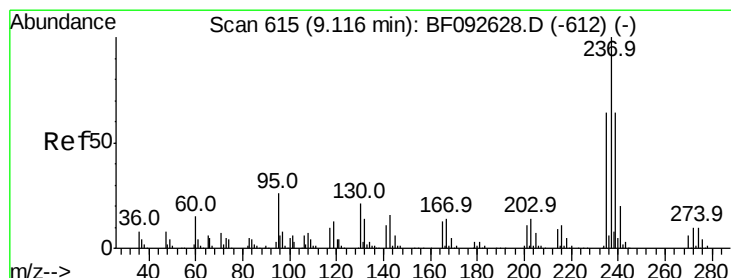
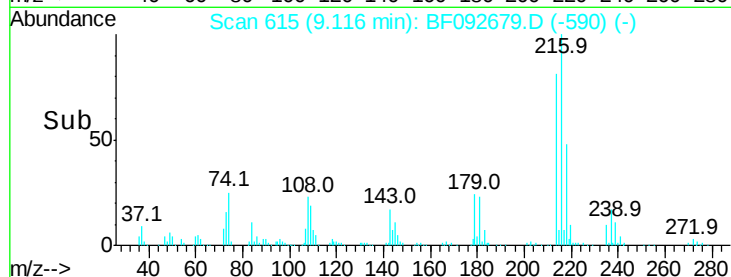
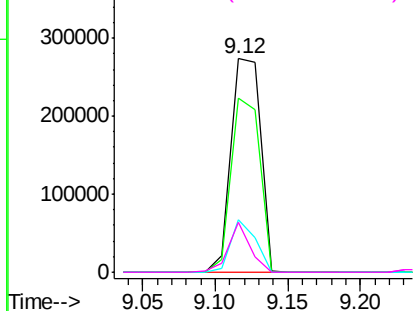
Tot Ion	Ratio	Resp	Lower	Upper
216	100	388344		
214	79.1	63.4	95.0	
179	20.6	17.4	26.2	
108	17.2	15.6	23.4	

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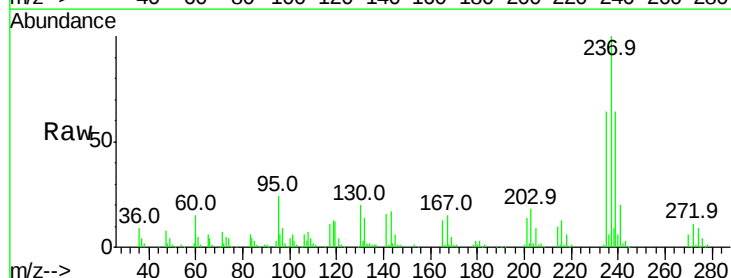


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

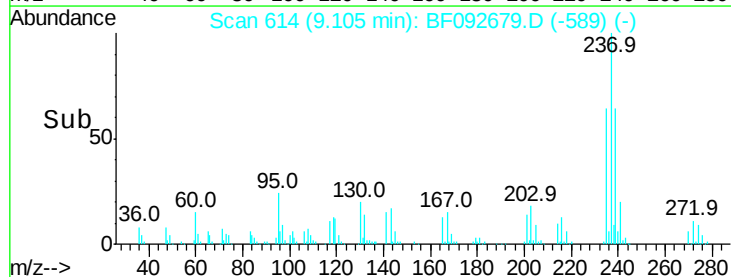
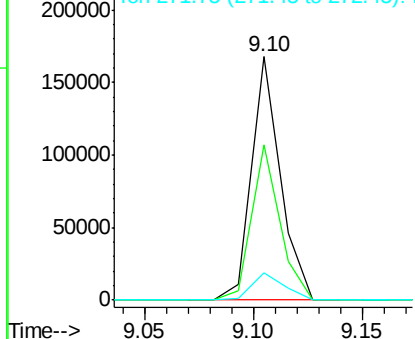


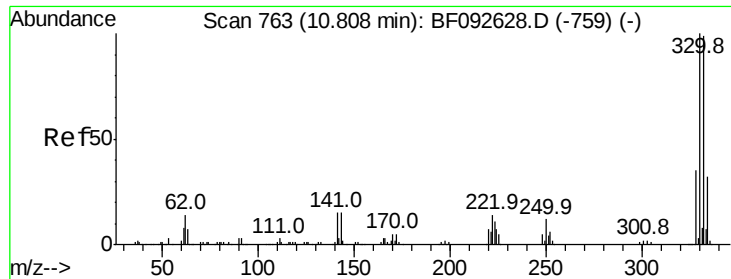
#40
 Hexachlorocyclopentadiene
 Concen: 33.25 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	153737		
235	64.0	41.2	81.2	
272	11.3	0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





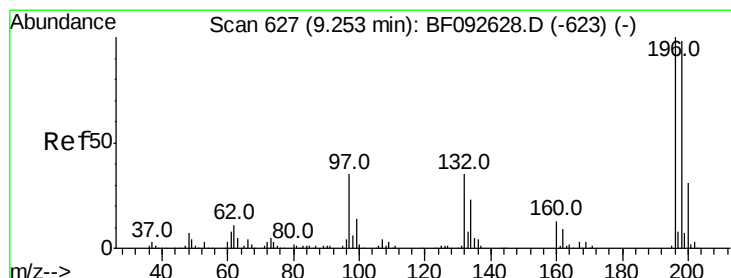
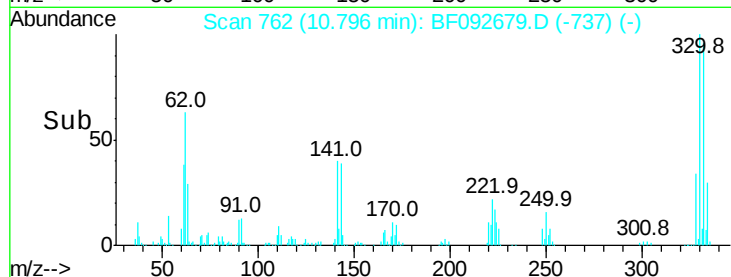
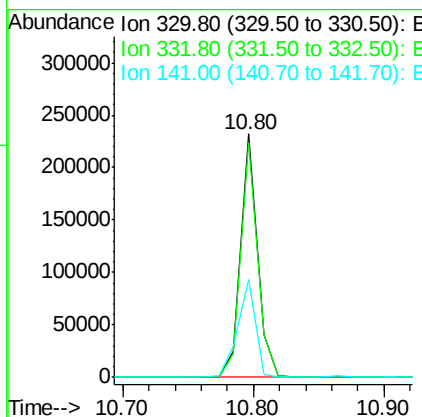
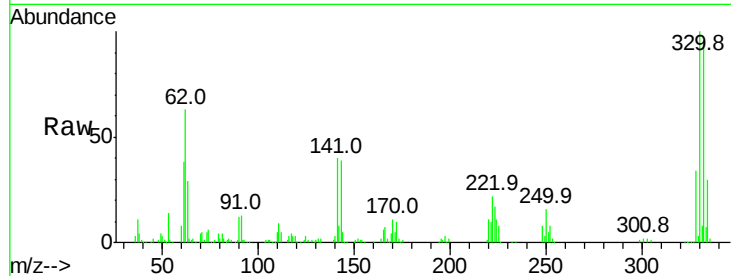
#41
 2,4,6-Tribromophenol
 Concen: 78.21 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	206523		
332	96.6	77.4	116.2	
141	42.5	34.1	51.1	

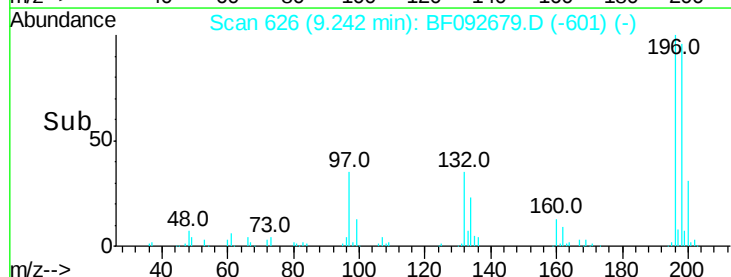
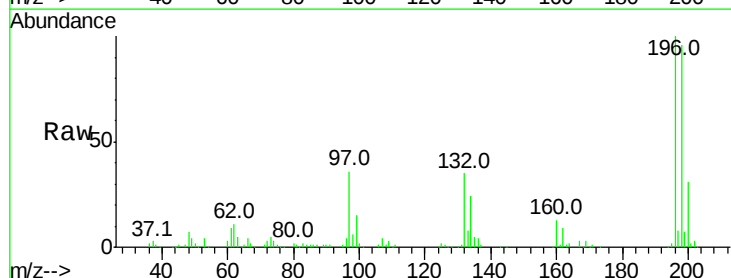
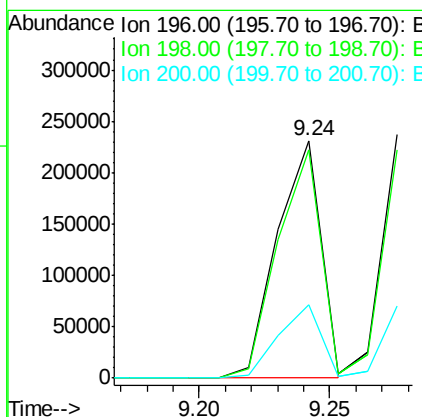
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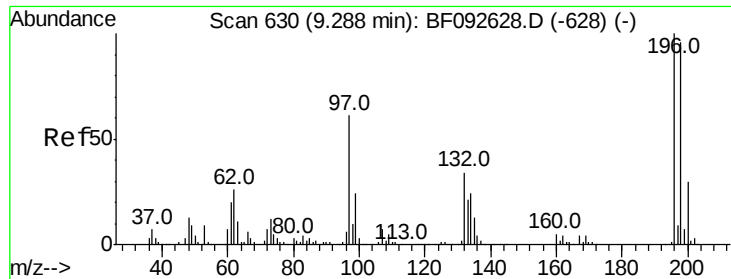
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#42
 2,4,6-Trichlorophenol
 Concen: 39.81 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268066		
198	95.8	82.1	123.1	
200	30.9	27.0	40.4	





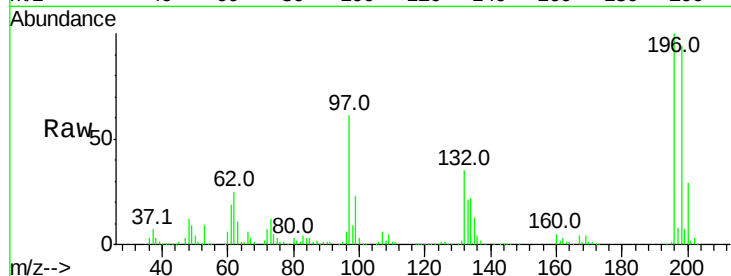
#43
 2,4,5-Trichlorophenol
 Concen: 39.66 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

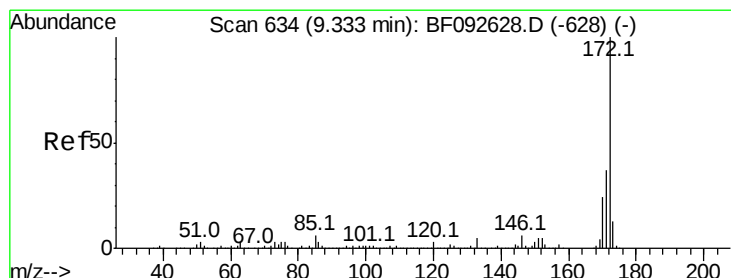
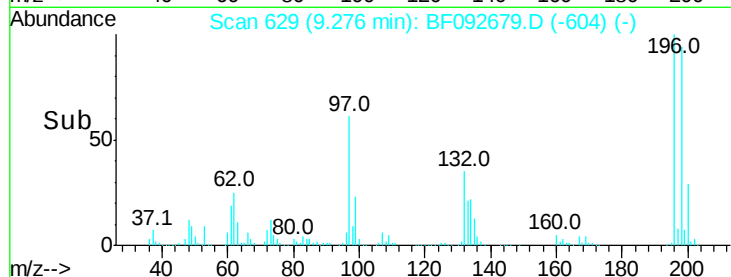
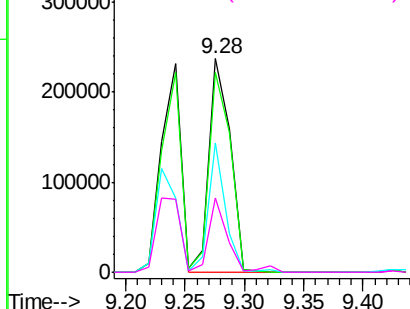
Tot Ion:	196	Resp:	292648
Ion Ratio	Lower	Upper	
196	100		
198	93.8	79.4	119.2
97	60.7	51.5	77.3
132	34.6	27.4	41.2

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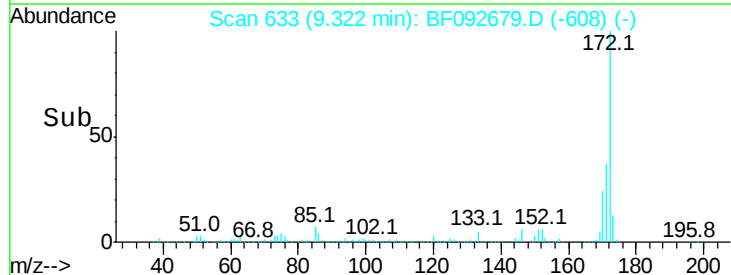
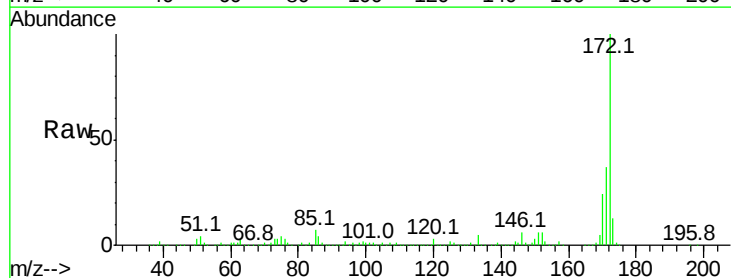
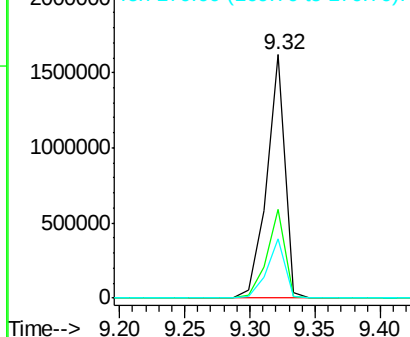
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.24 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Tgt Ion:	172	Resp:	1576584
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.4	44.0
170	24.3	20.2	30.4

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





#45

1,1'-Biphenyl

Concen: 41.44 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1095414

Ion Ratio Lower Upper

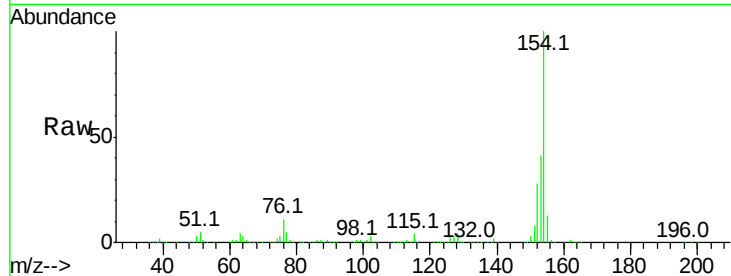
154 100

153 40.9 20.9 60.9

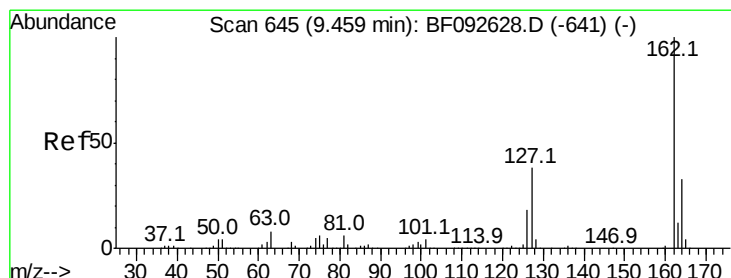
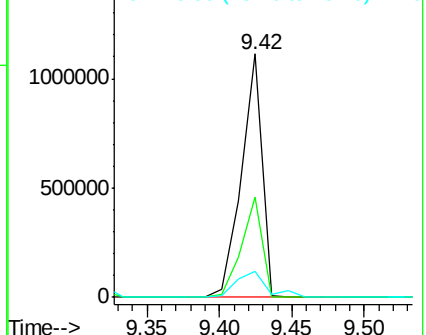
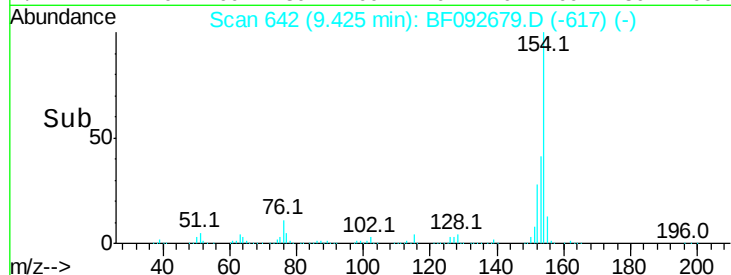
76 10.7 0.0 30.5

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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: 39.97 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

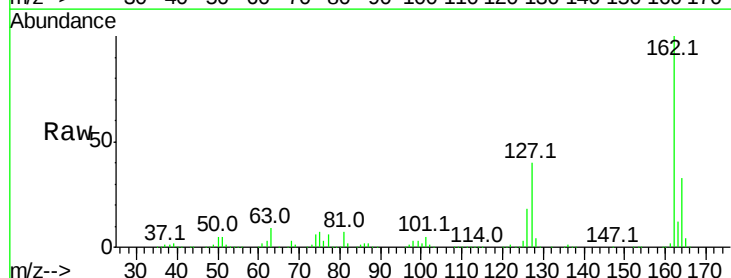
Tgt Ion:162 Resp: 826644

Ion Ratio Lower Upper

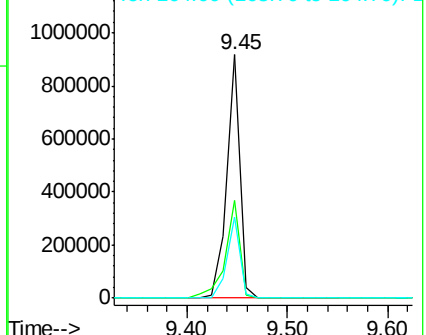
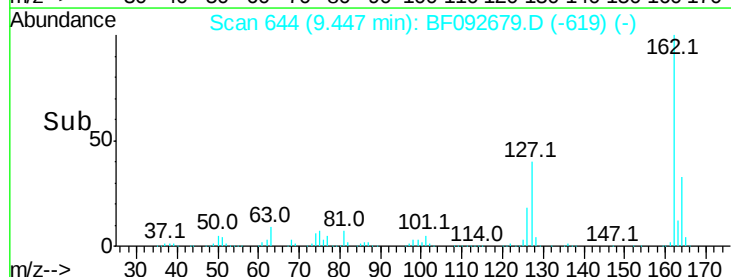
162 100

127 40.1 30.7 46.1

164 33.1 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





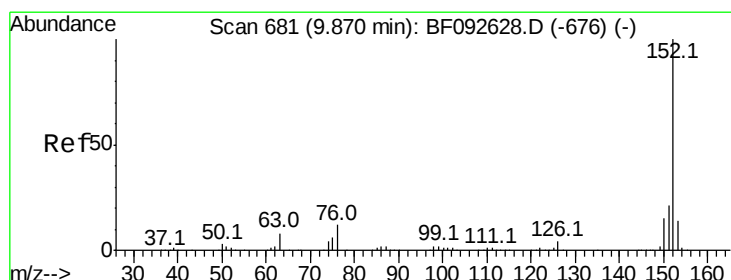
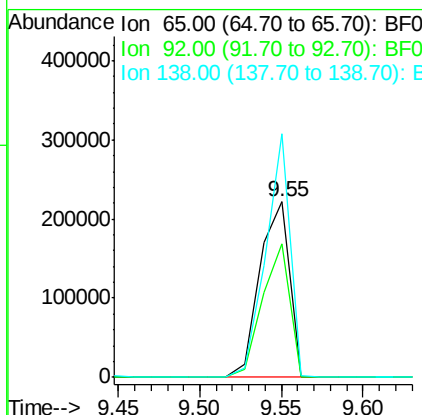
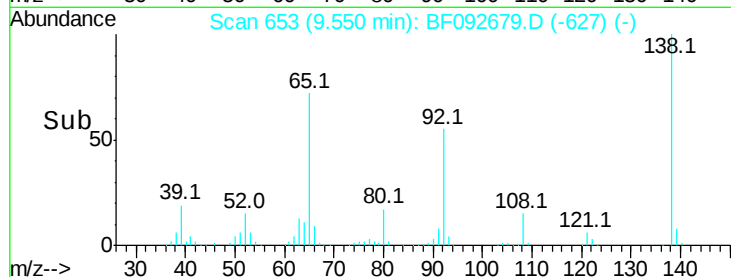
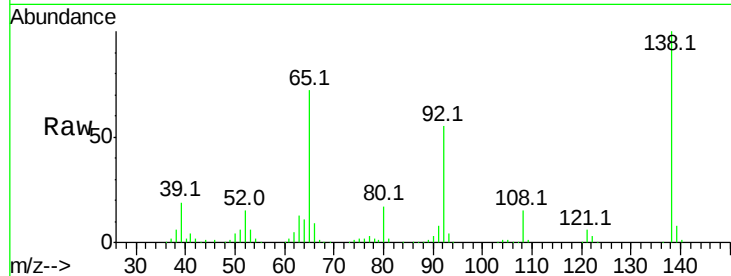
#47
 2-Nitroaniline
 Concen: 40.52 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.2	53.9	80.9
138	138.7	76.8	115.2#

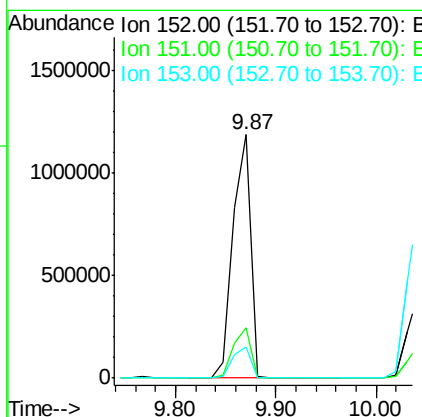
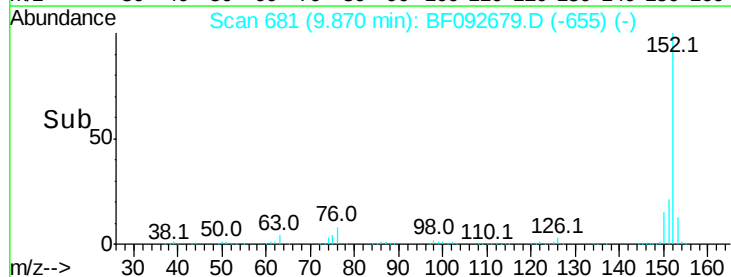
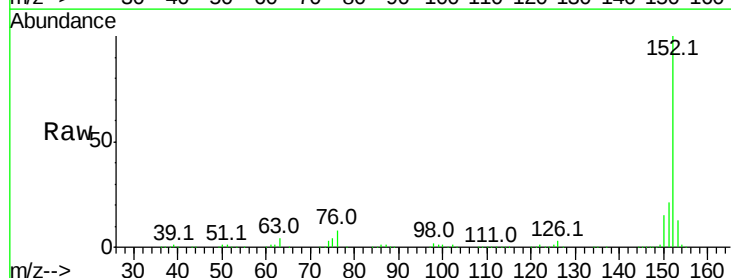
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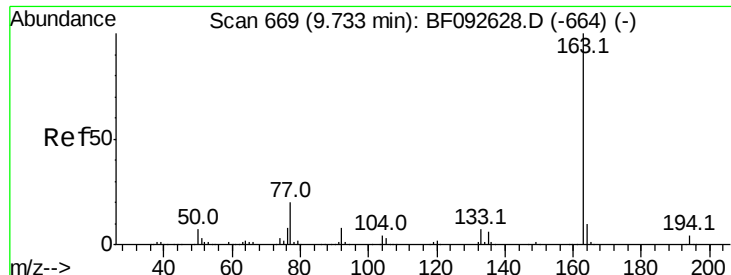
mohammad
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#48
 Acenaphthylene
 Concen: 40.45 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	12.9	11.4	17.2





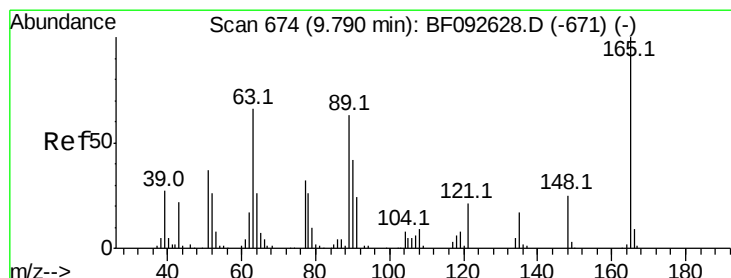
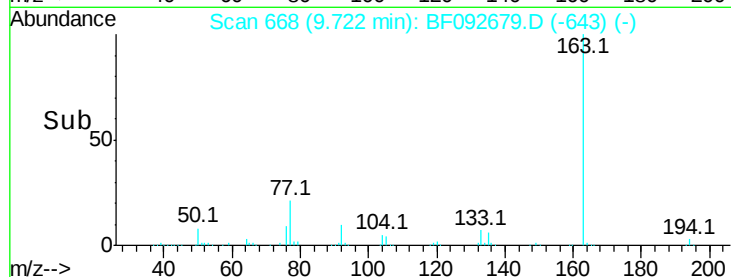
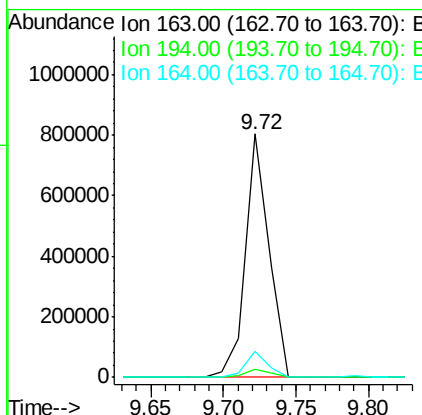
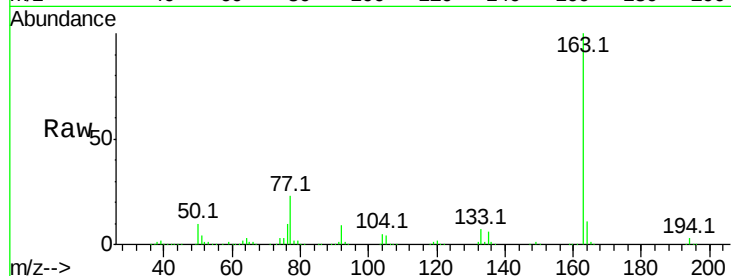
#49
Dimethylphthalate
Concen: 36.71 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	3.0	4.4	
164	10.8	8.0	12.0	

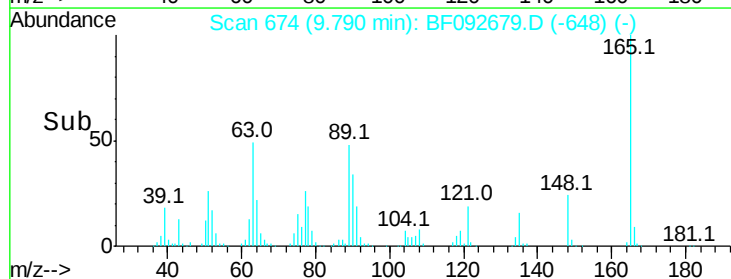
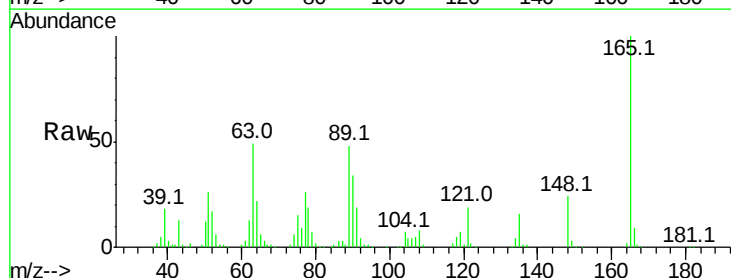
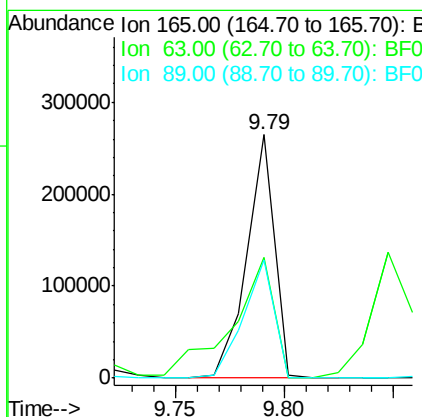
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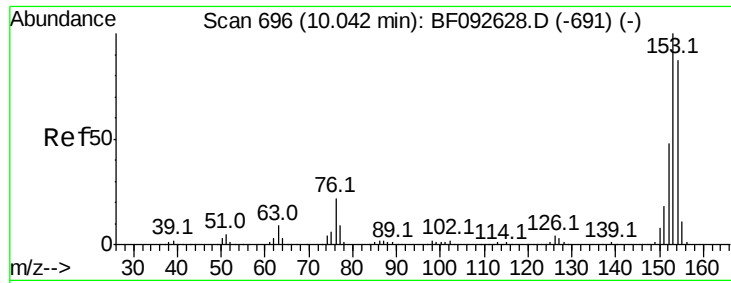
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.08 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.5	36.2	54.4	
89	48.4	40.2	60.4	





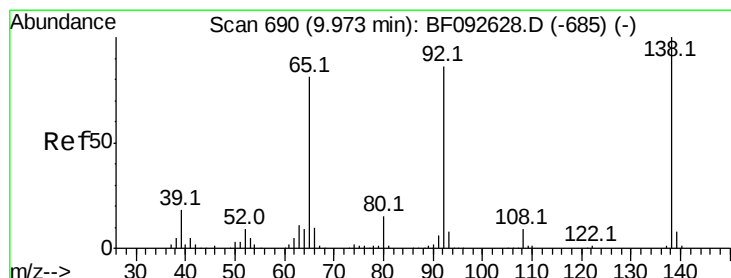
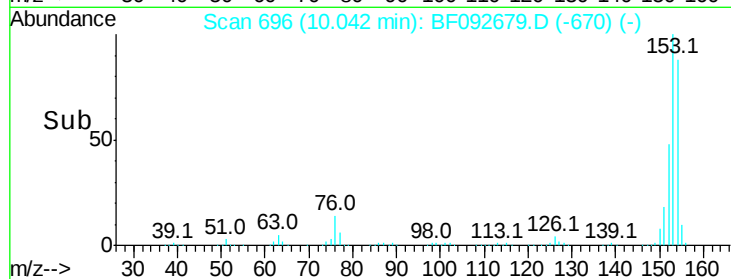
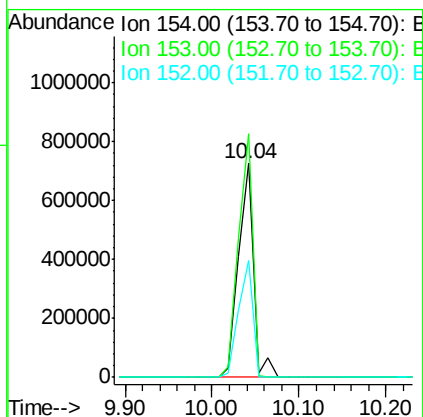
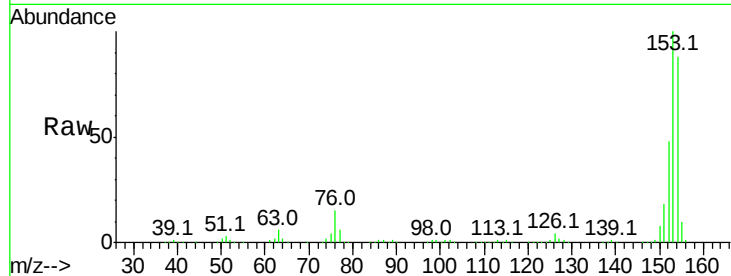
#51
Acenaphthene
Concen: 40.38 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.6	133.0
152	54.4	41.6	62.4

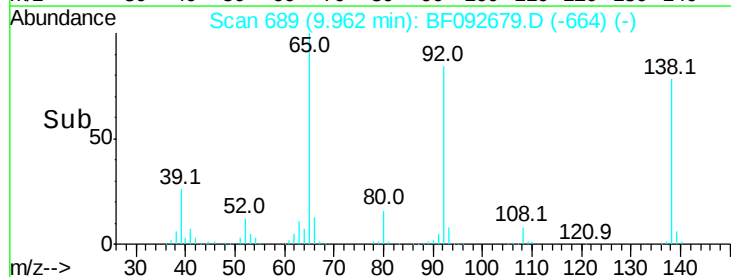
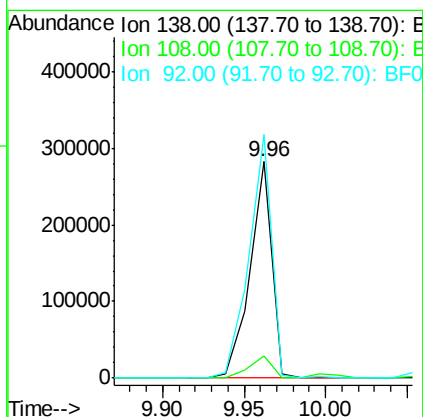
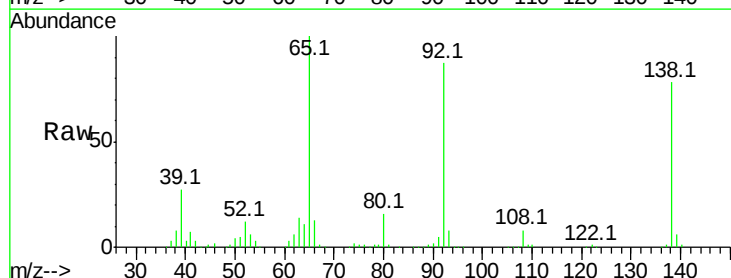
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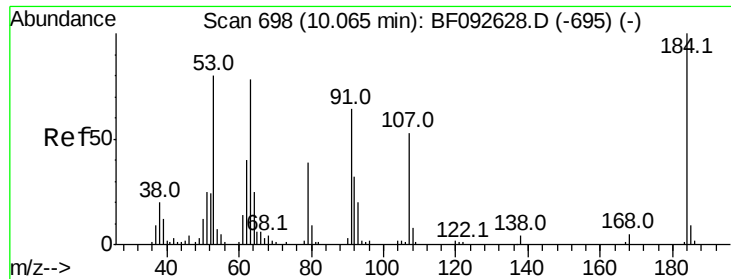
mohammad
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#52
3-Nitroaniline
Concen: 42.99 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	112.4	97.8	146.8





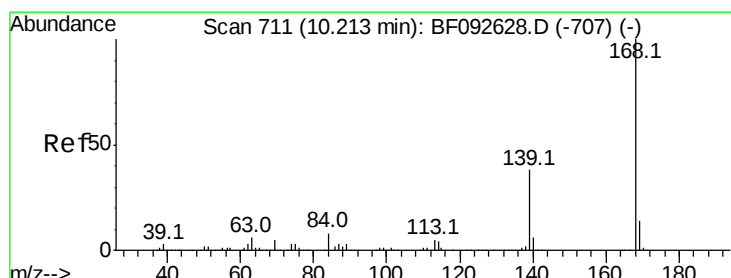
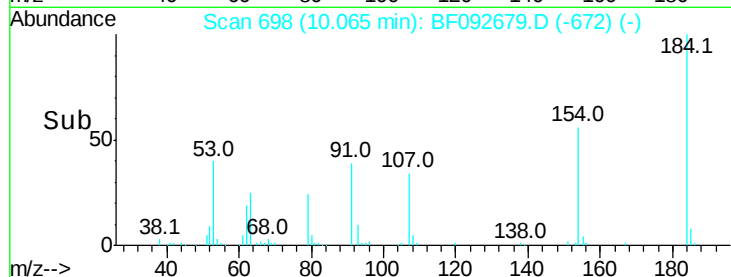
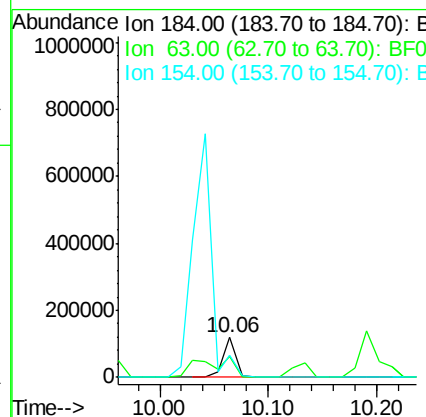
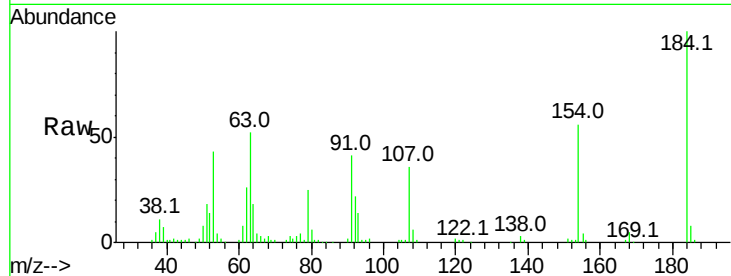
#53
 2,4-Dinitrophenol
 Concen: 40.28 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	52.0	28.4	42.6	#
154	56.1	44.3	66.5	

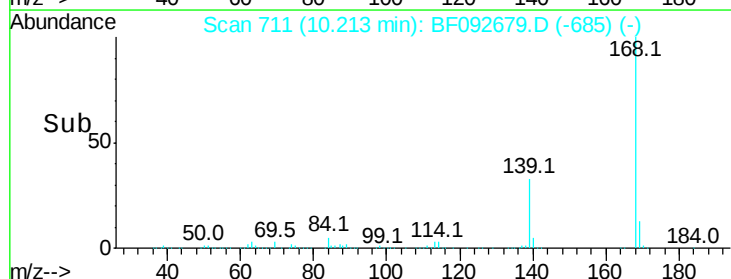
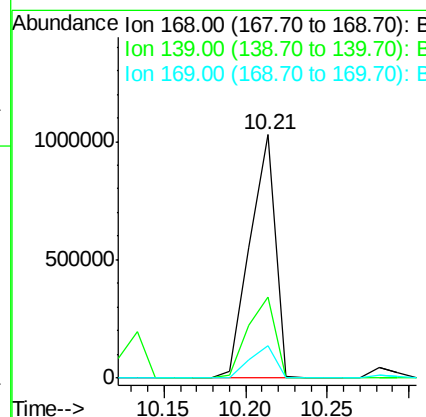
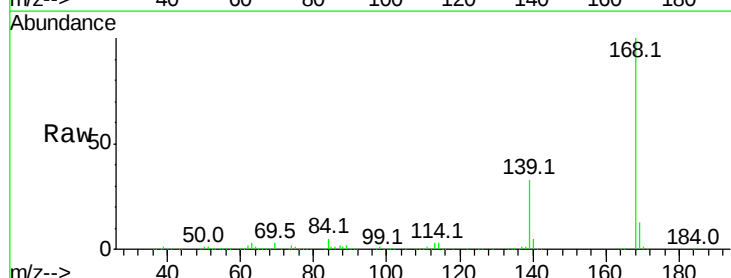
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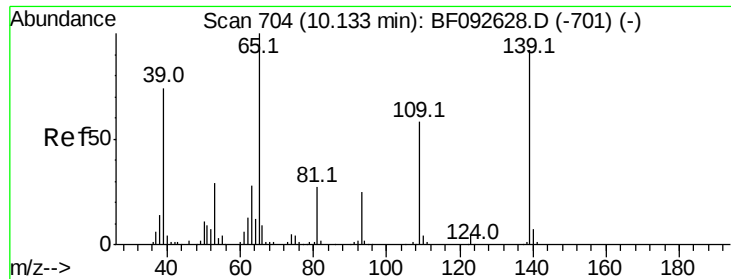
mohammad
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#54
 Dibenzofuran
 Concen: 38.87 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	33.1	32.6	49.0	
169	13.2	11.3	16.9	





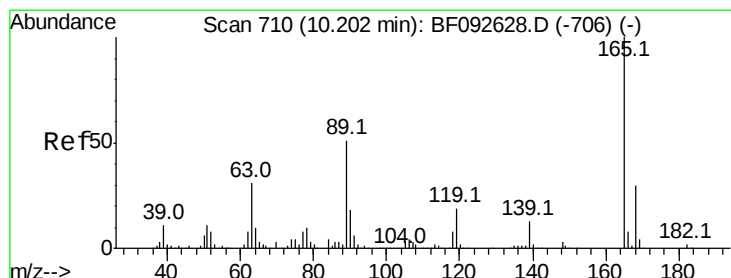
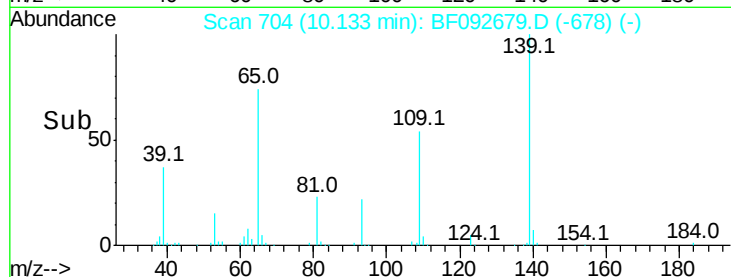
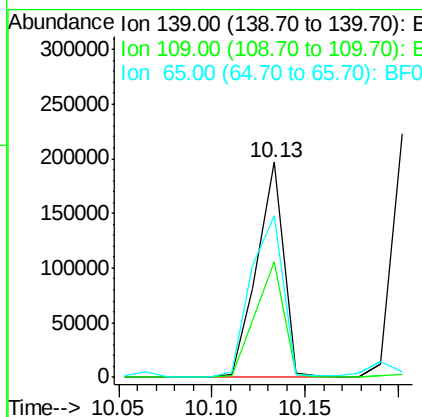
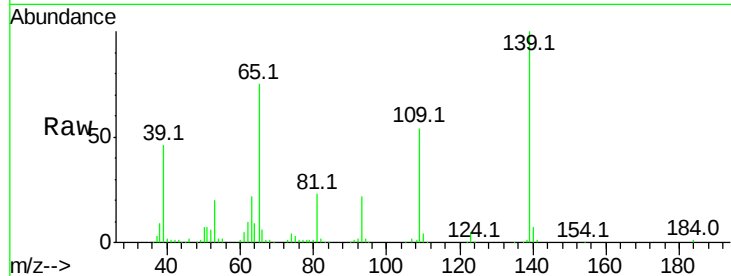
#55
4-Nitrophenol
Concen: 44.83 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	196238		
109	53.7	52.2	92.2	
65	75.4	85.8	125.8	

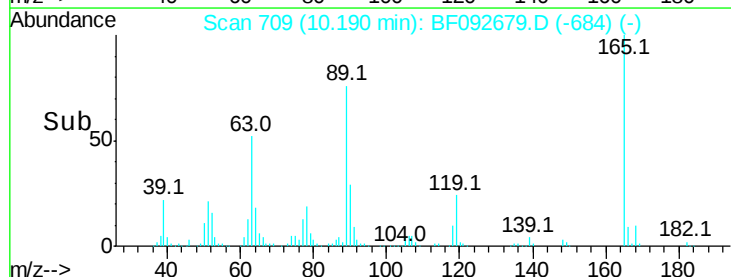
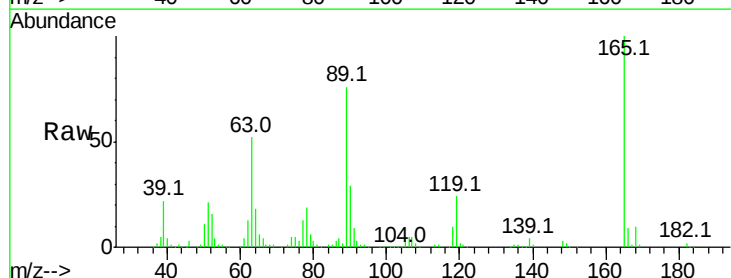
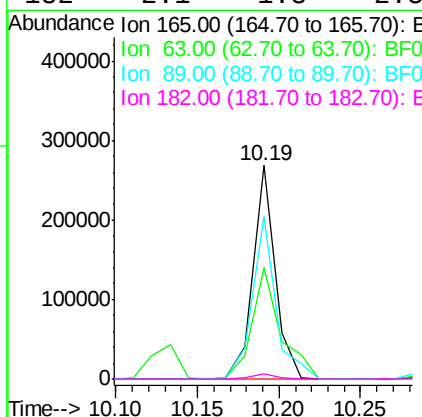
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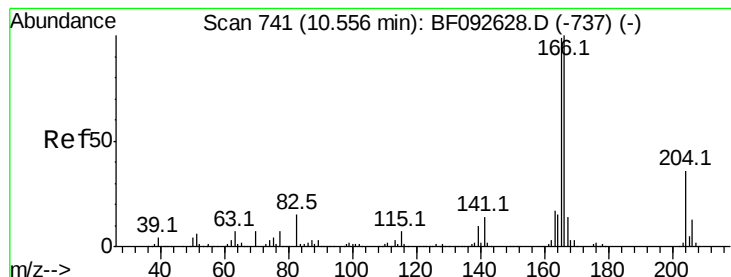
mohammad
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#56
2,4-Dinitrotoluene
Concen: 35.85 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	253454		
63	52.2	40.2	60.4	
89	76.1	62.5	93.7	
182	2.1	1.8	2.8	





#57

Fluorene

Concen: 41.92 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

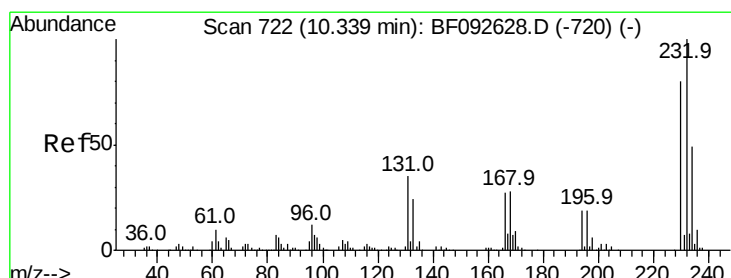
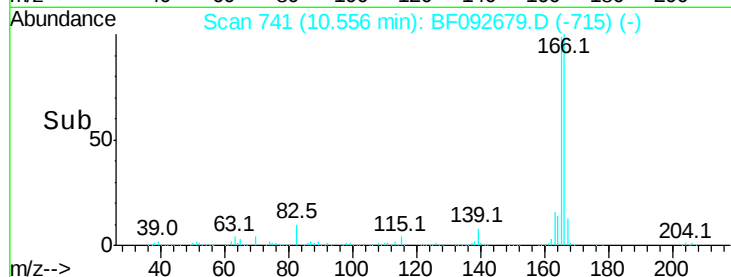
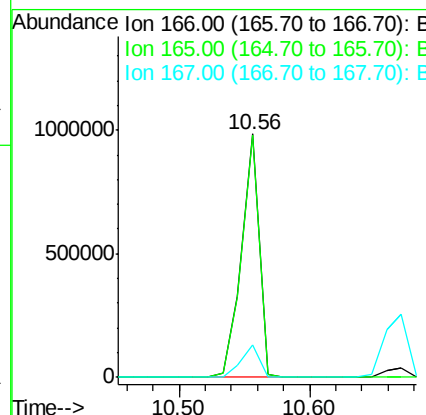
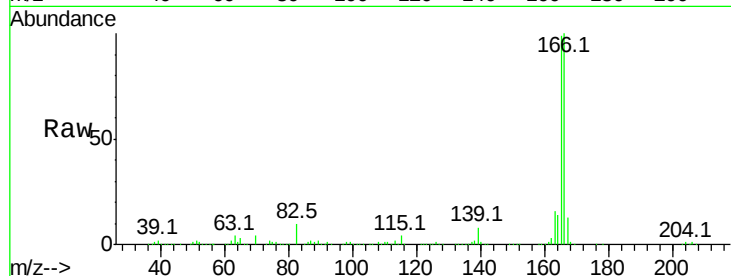
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	921341		
165	99.4	77.8	116.8	
167	13.3	10.8	16.2	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.79 ng

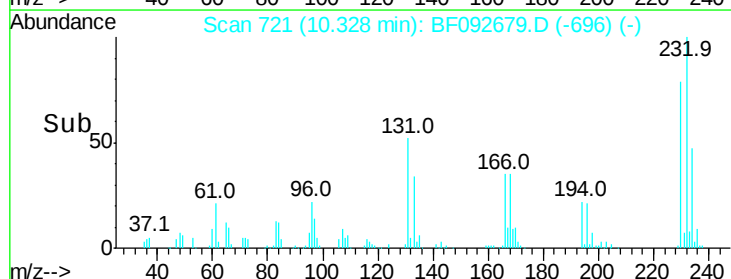
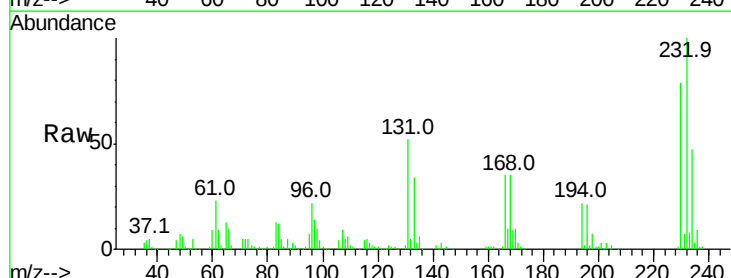
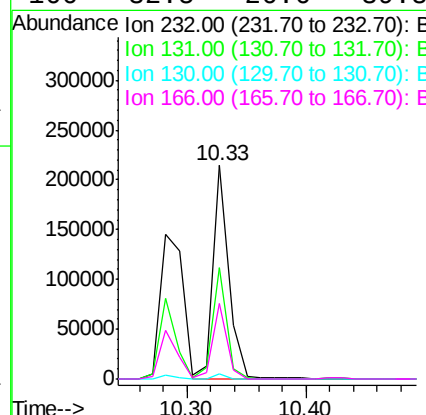
RT: 10.33 min Scan# 721

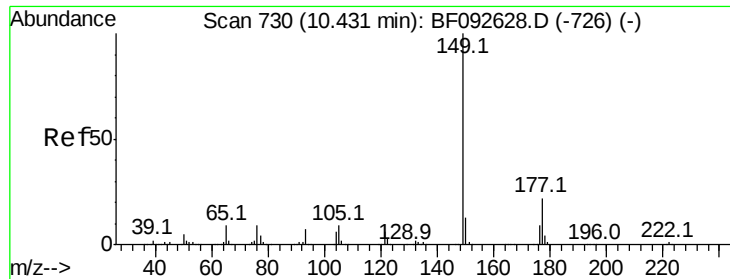
Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	195821		
131	46.9	40.1	60.1	
130	2.2	1.8	2.8	
166	32.5	26.6	39.8	





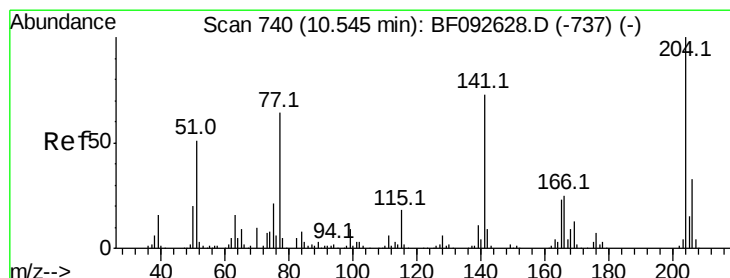
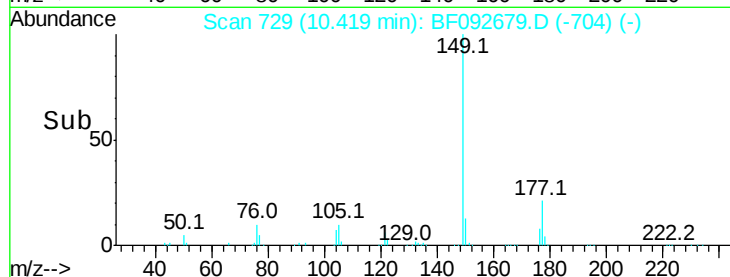
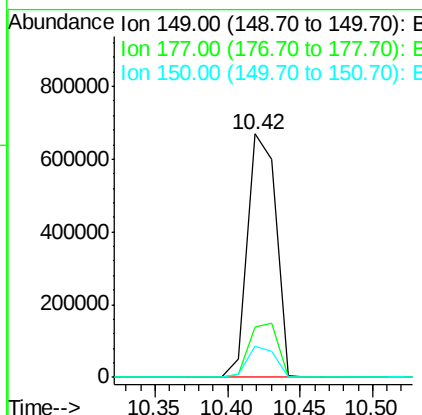
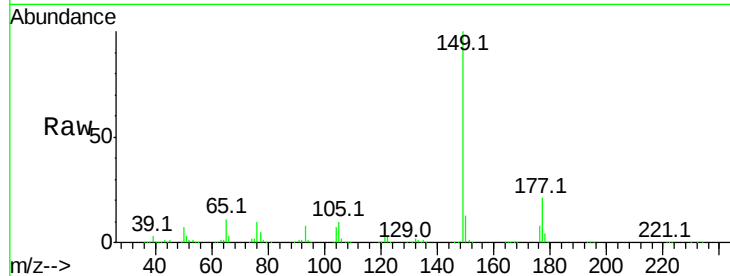
#59
Diethylphthalate
Concen: 39.30 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.6	25.0
150	12.9	10.4	15.6

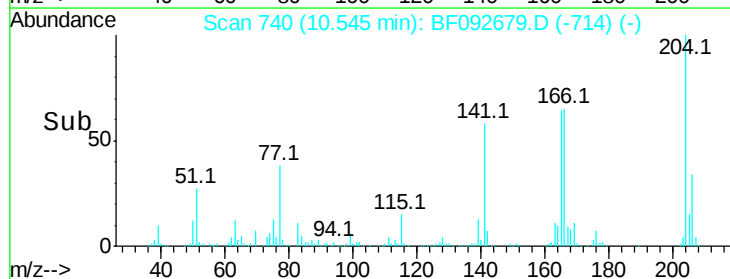
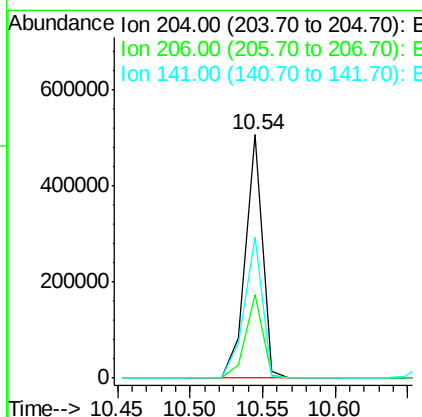
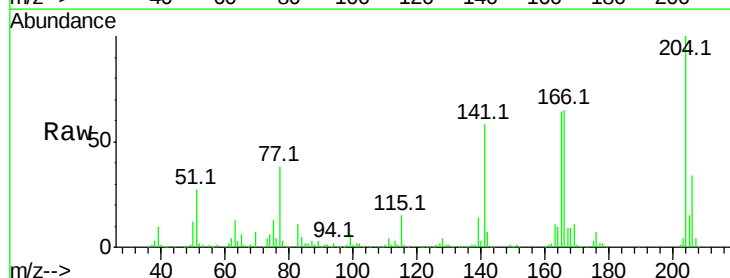
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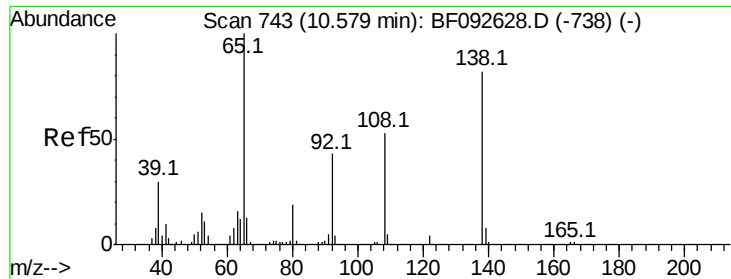
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 39.43 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	25.8	38.6
141	58.1	59.4	89.0#





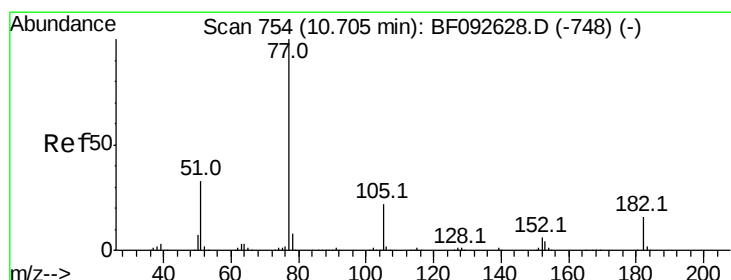
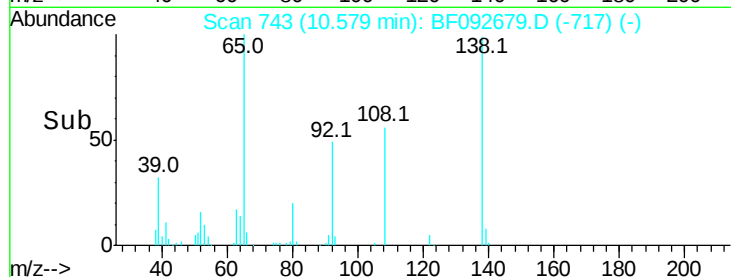
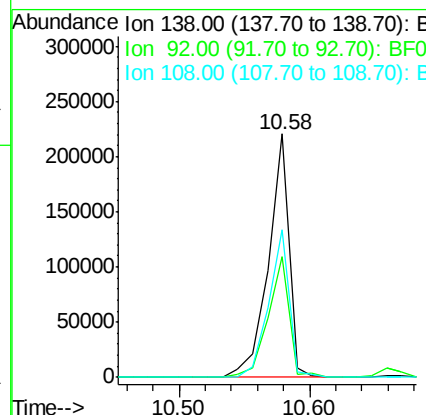
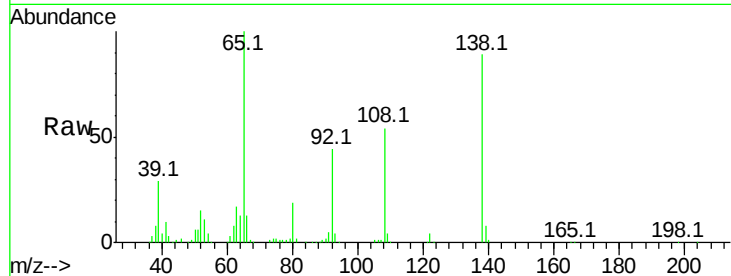
#61
4-Nitroaniline
Concen: 39.39 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.7	71.7
108	60.4	52.6	92.6

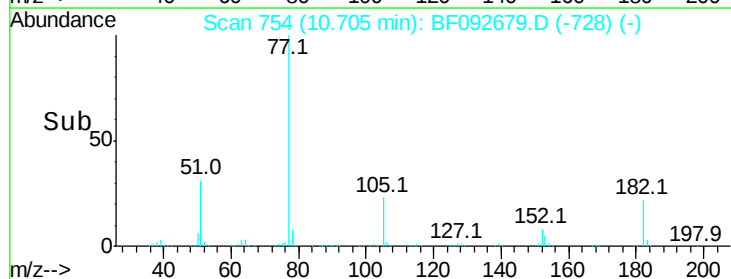
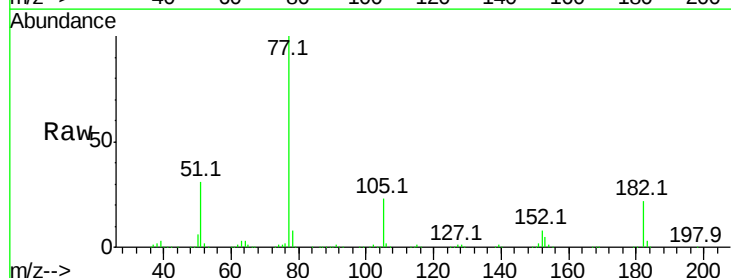
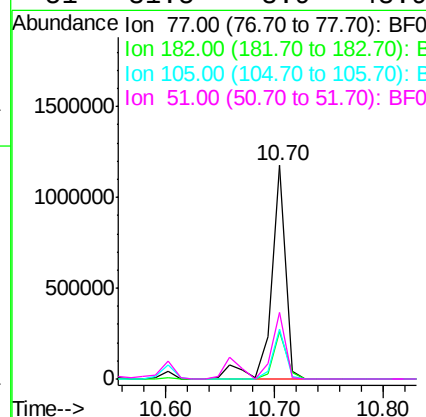
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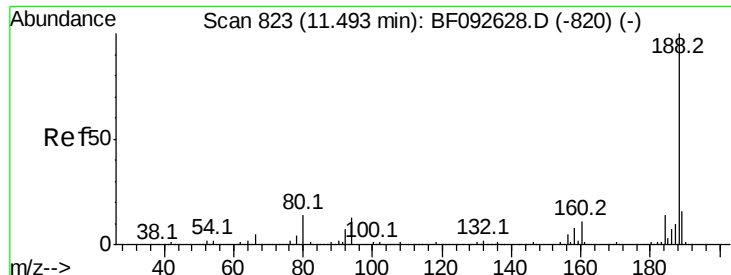
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#62
Azobenzene
Concen: 45.90 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.2	0.0	39.3
105	23.4	2.3	42.3
51	31.5	8.9	48.9





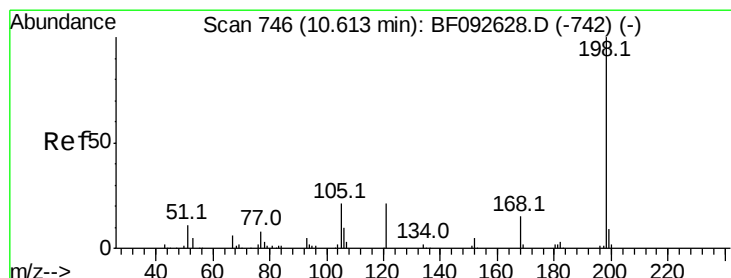
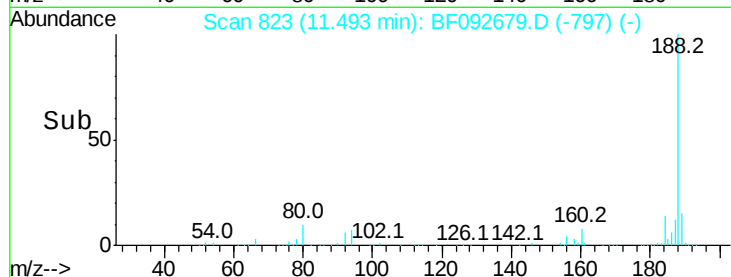
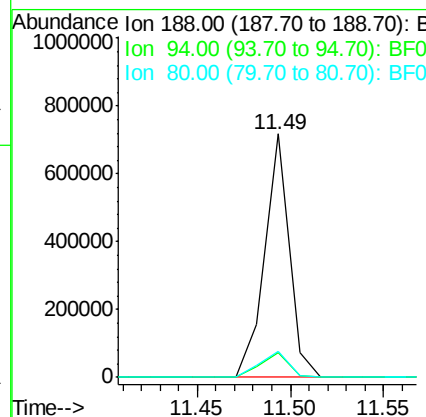
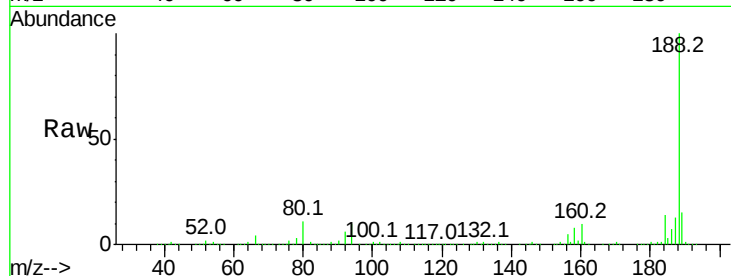
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	10.0	15.0#
80	10.7	11.2	16.8#

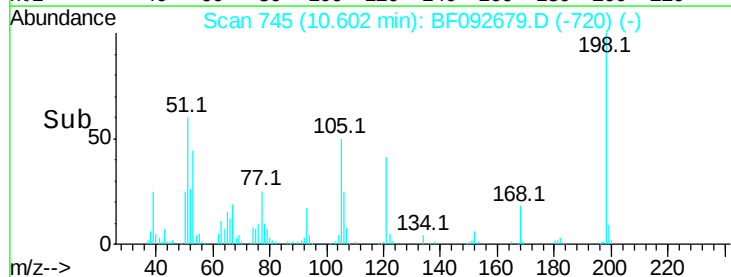
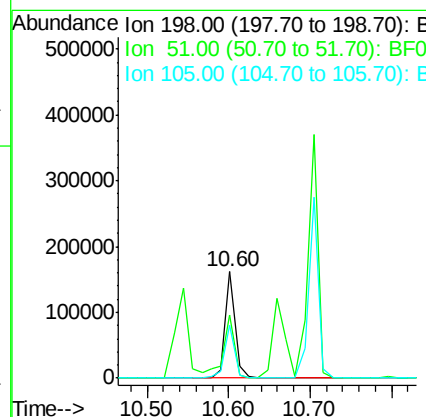
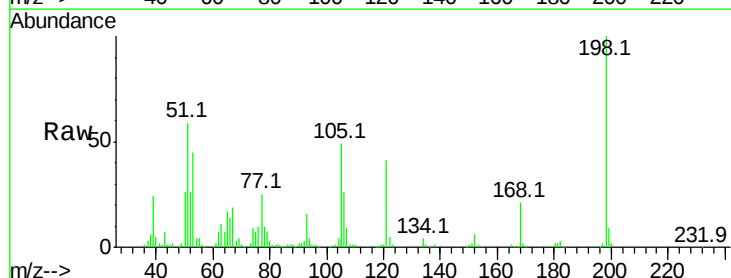
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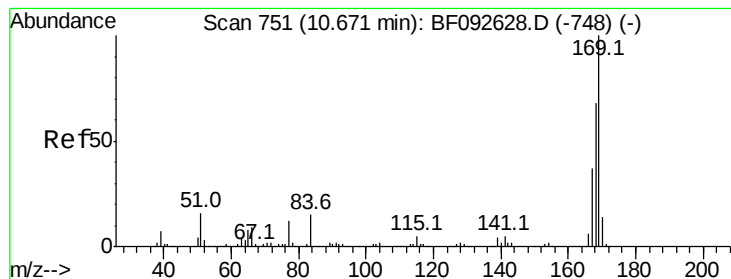
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.89 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	59.4	6.7	46.7#
105	49.4	16.6	56.6





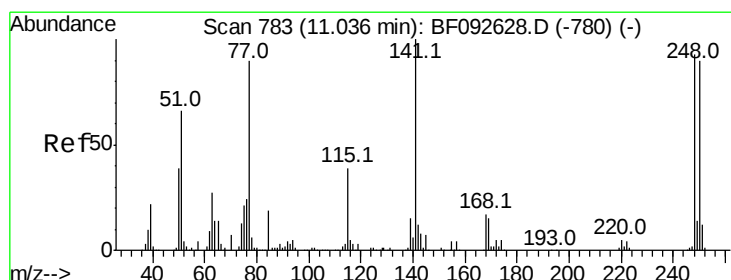
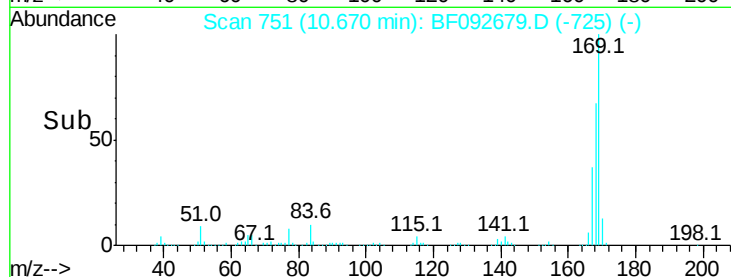
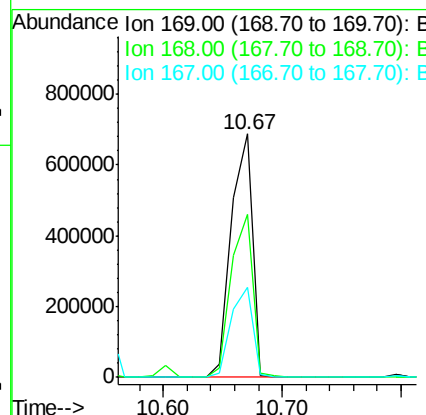
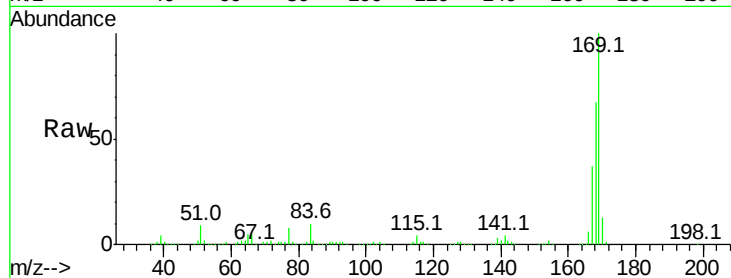
#65
 n-Nitrosodiphenylamine
 Concen: 40.86 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	851709		
168	66.8		54.2	81.2
167	37.1		30.2	45.4

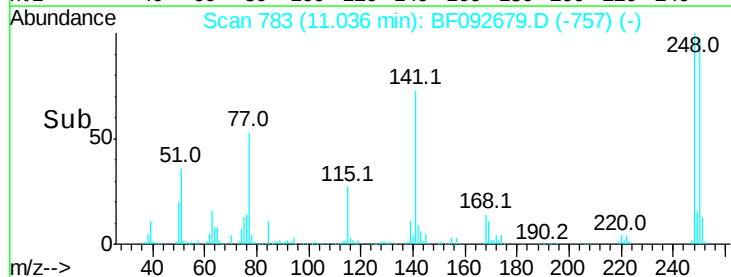
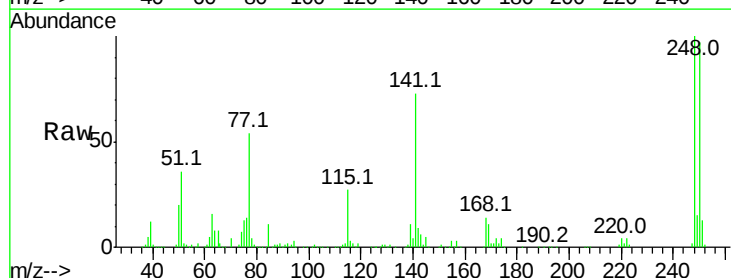
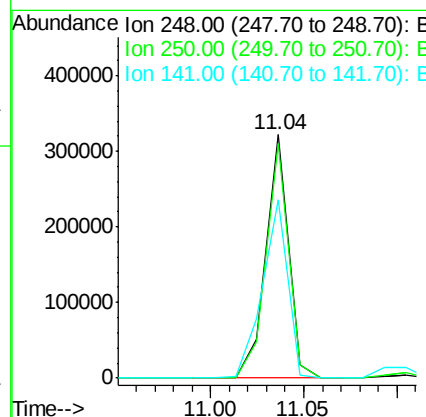
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#66
 4-Bromophenyl-phenylether
 Concen: 39.55 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	269630		
250	96.5		76.9	115.3
141	73.4		68.2	102.4





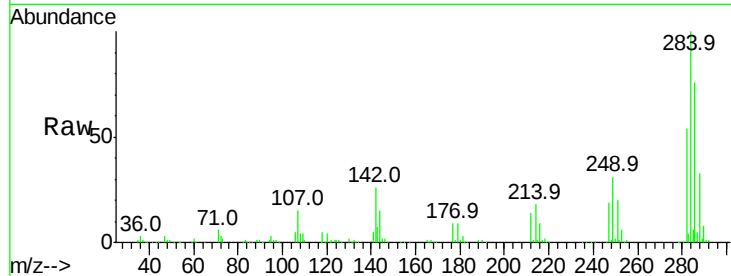
#67
Hexachlorobenzene
Concen: 40.55 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

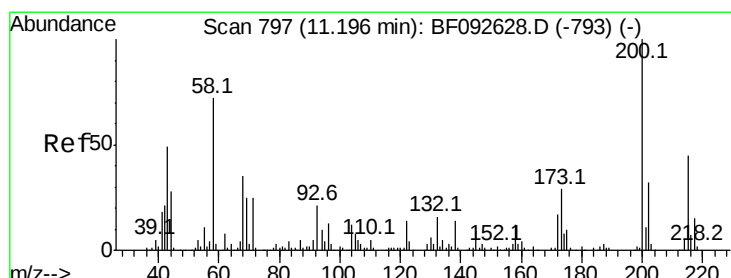
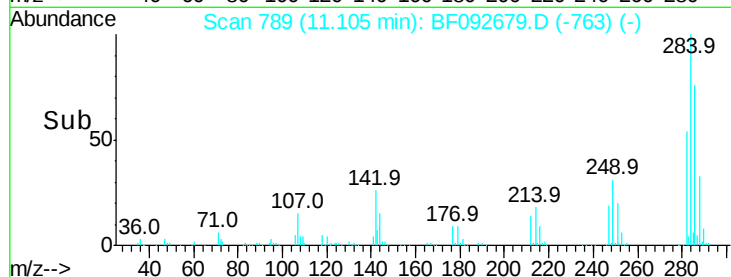
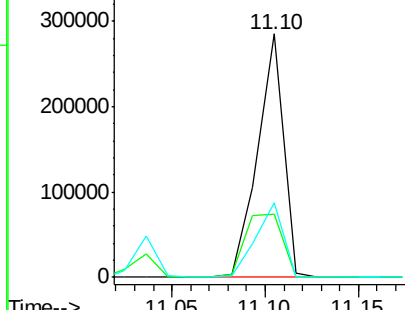
Tot Ion	Ratio	Resp	Lower	Upper
284	100	273206		
142	26.0	22.6	33.8	
249	30.8	25.4	38.0	

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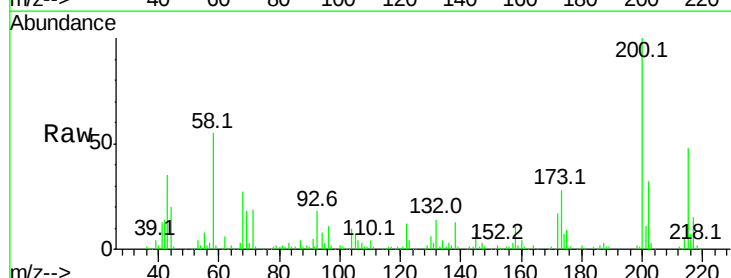


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

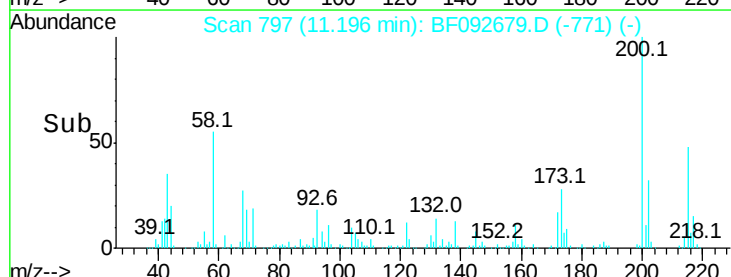
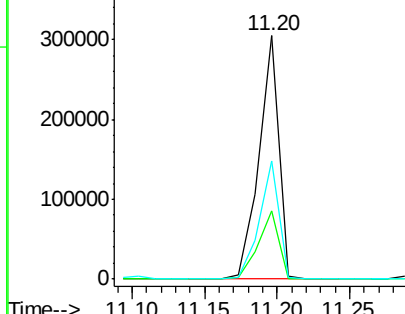


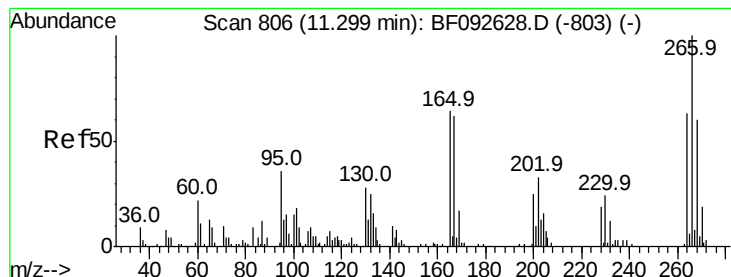
#68
Atrazine
Concen: 43.19 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	288961		
173	28.1	9.6	49.6	
215	48.3	25.7	65.7	



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





#69

Pentachlorophenol

Concen: 38.82 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

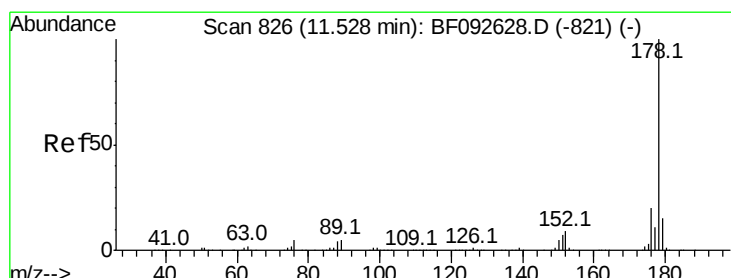
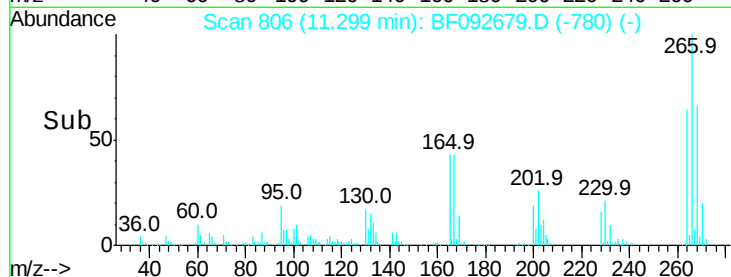
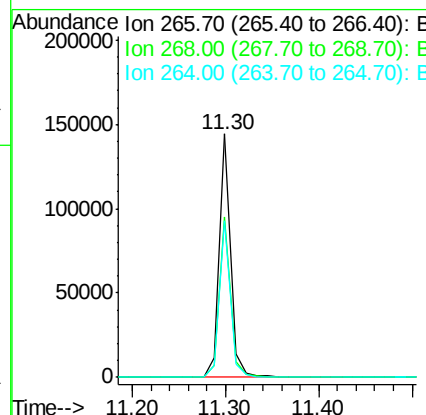
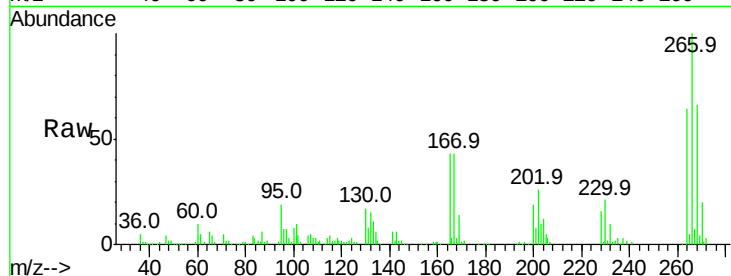
ClientSampleId :

SSTDCCC040

Tot Ion:	266	Resp:	120852
Ion Ratio	Lower	Upper	
266	100		
268	65.7	53.3	79.9
264	64.1	50.3	75.5

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#70

Phenanthrene

Concen: 35.07 ng

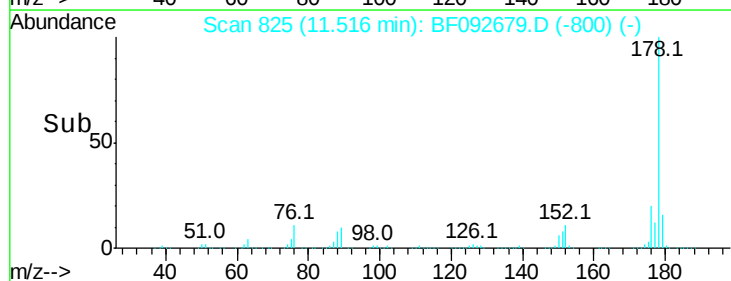
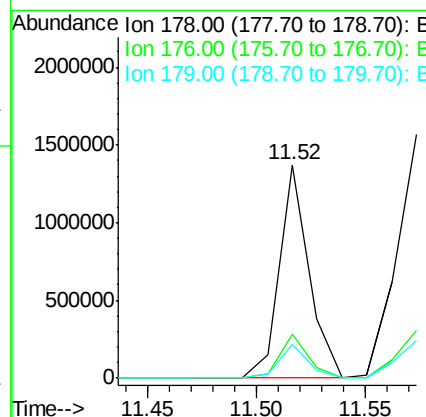
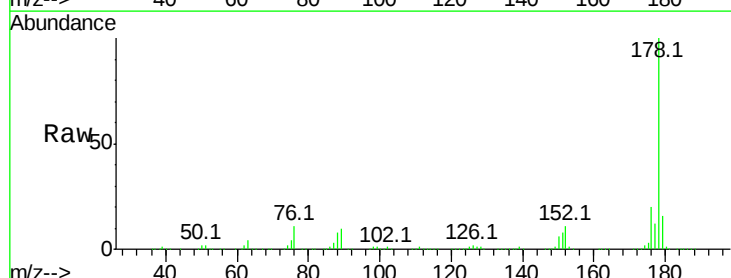
RT: 11.52 min Scan# 825

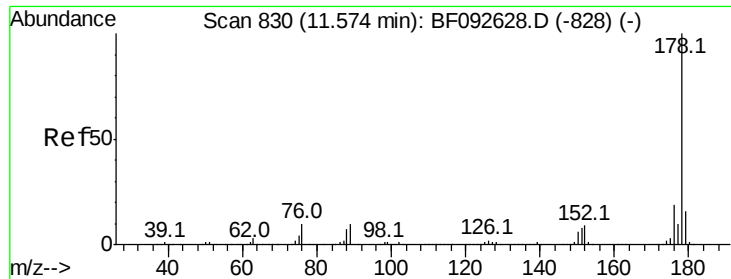
Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion:	178	Resp:	1311106
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.6	25.0
179	15.6	12.8	19.2





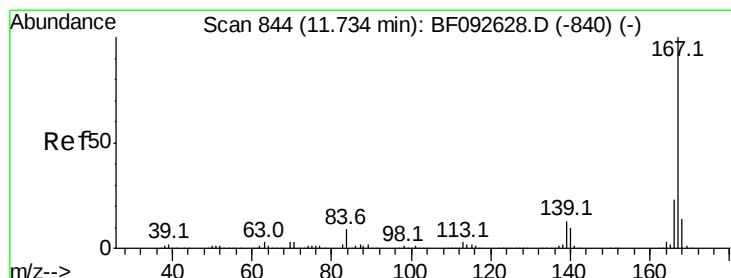
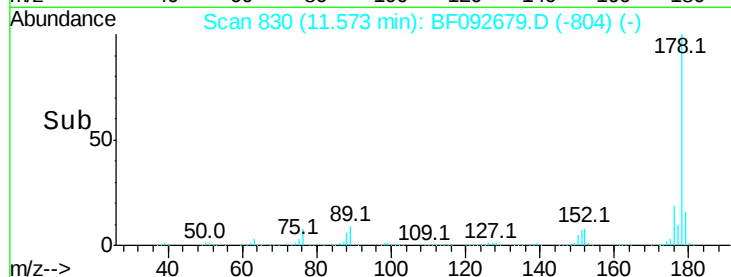
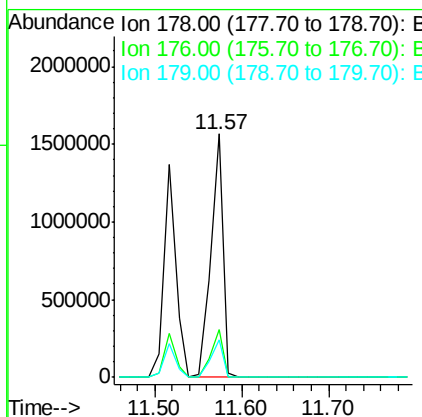
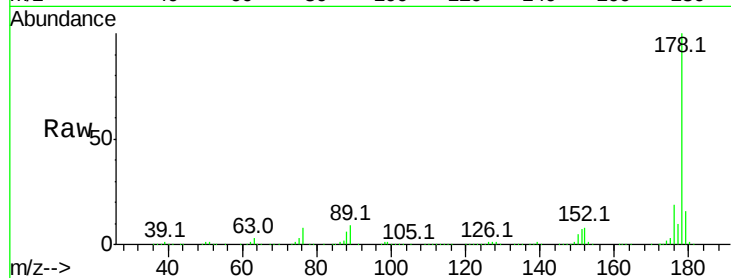
#71
 Anthracene
 Concen: 40.96 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1537794
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.6 13.2 19.8

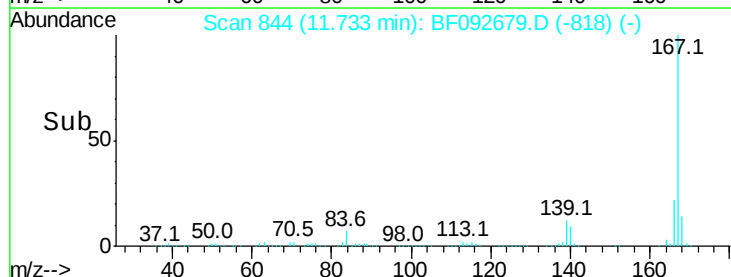
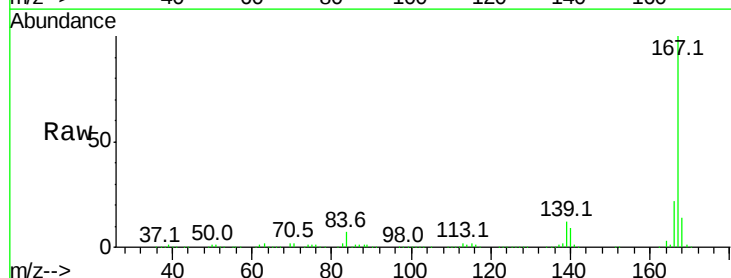
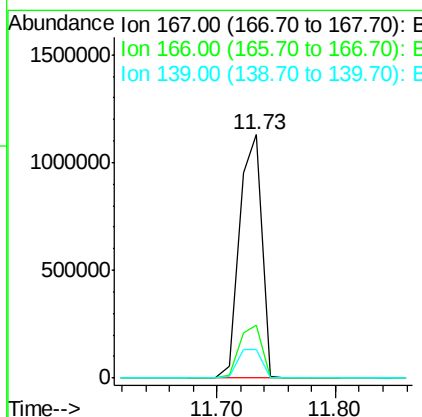
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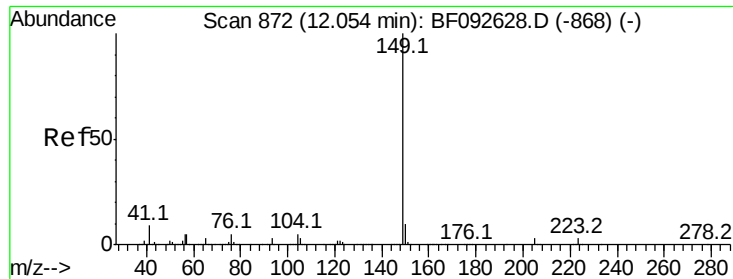
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#72
 Carbazole
 Concen: 41.13 ng
 RT: 11.73 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Tgt Ion:167 Resp: 1476119
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 11.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 40.95 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1589293

Ion Ratio Lower Upper

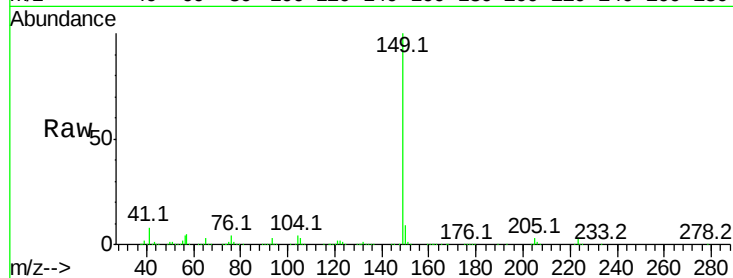
149 100

150 9.5 8.1 12.1

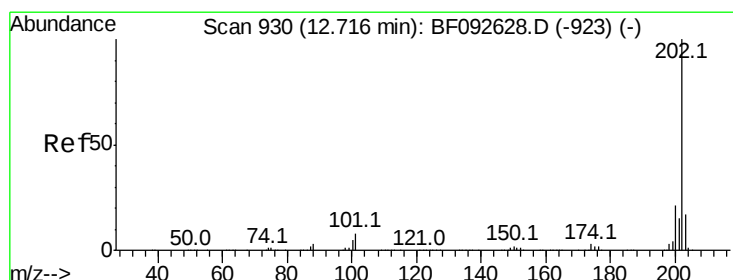
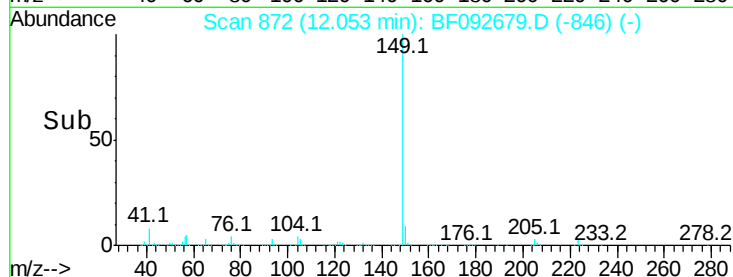
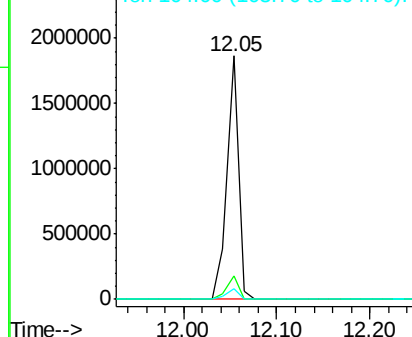
104 4.5 4.6 7.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.04 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

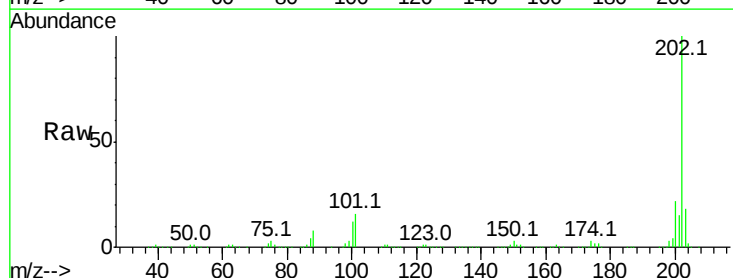
Tgt Ion:202 Resp: 1351270

Ion Ratio Lower Upper

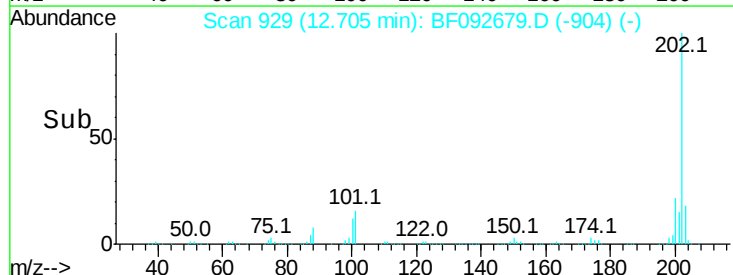
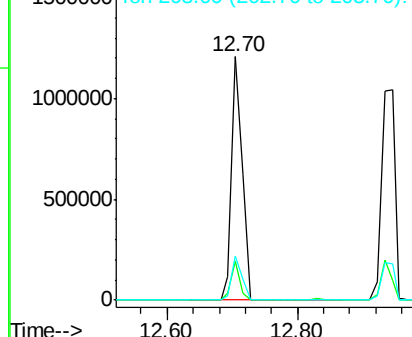
202 100

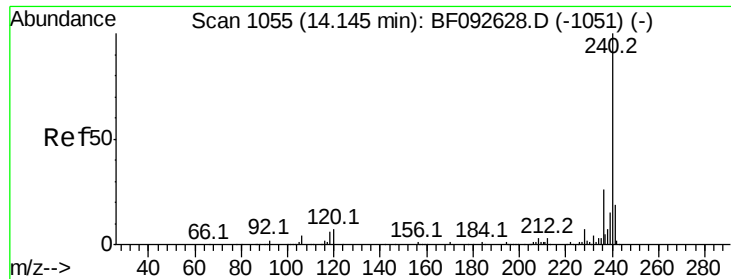
101 15.9 0.0 34.6

203 18.1 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

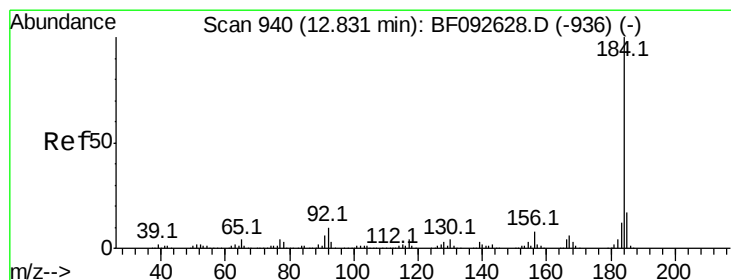
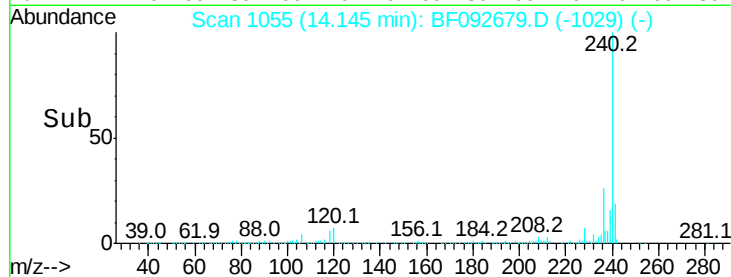
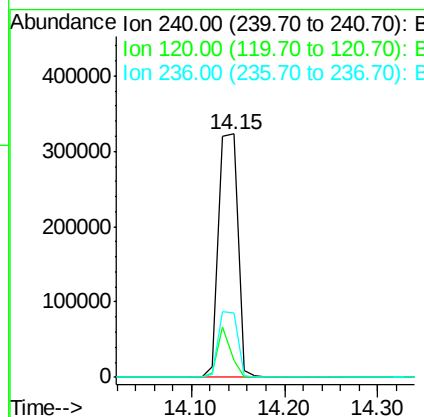
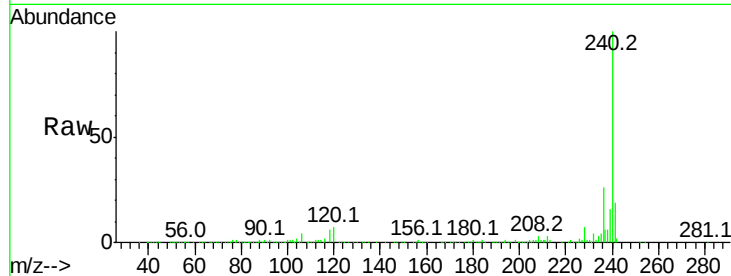
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.1	12.9	19.3#
236	26.3	20.9	31.3

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#76

Benzidine

Concen: 40.01 ng

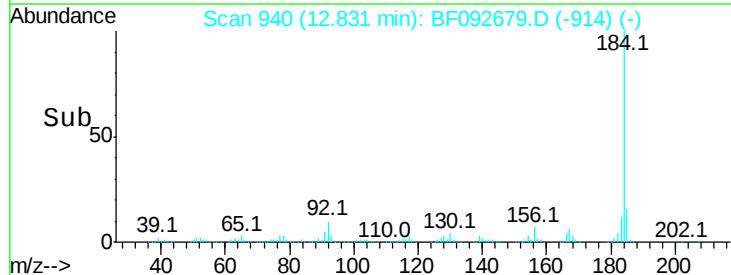
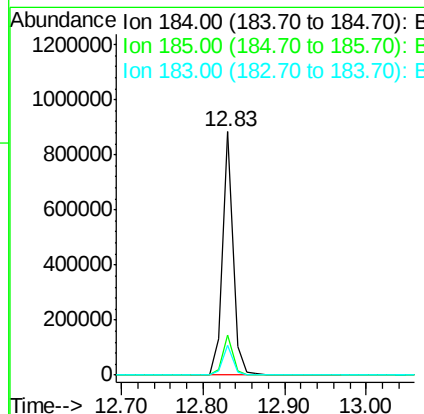
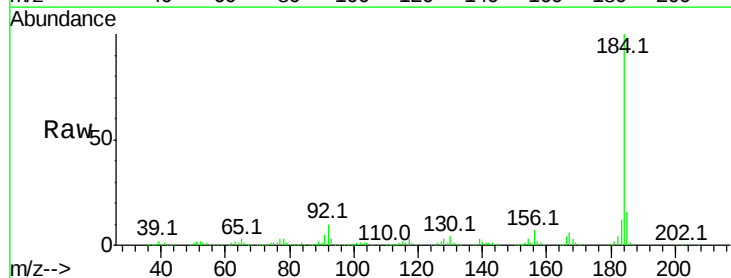
RT: 12.83 min Scan# 940

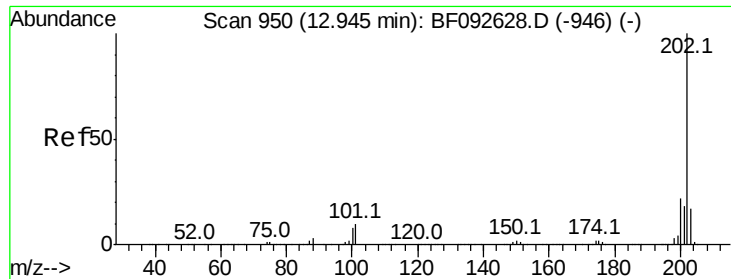
Delta R.T. -0.00 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	13.4	20.0
183	12.4	9.2	13.8





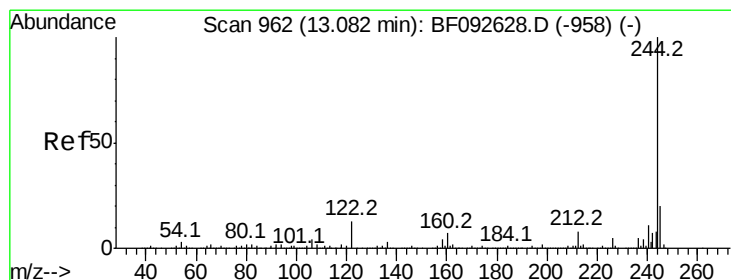
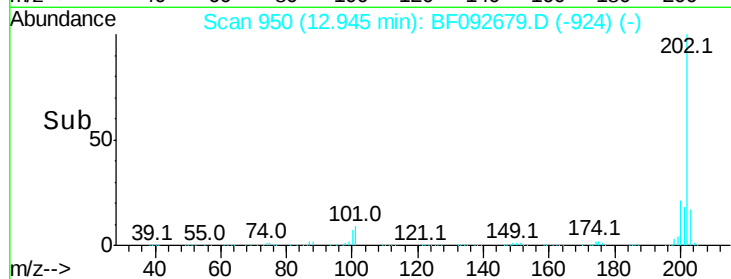
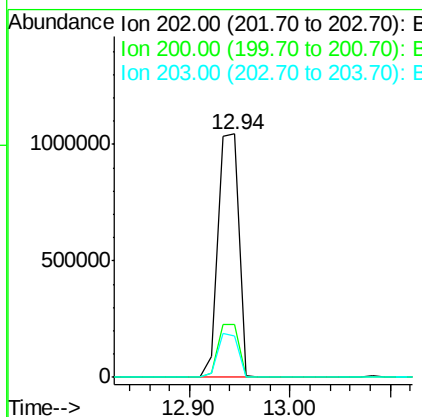
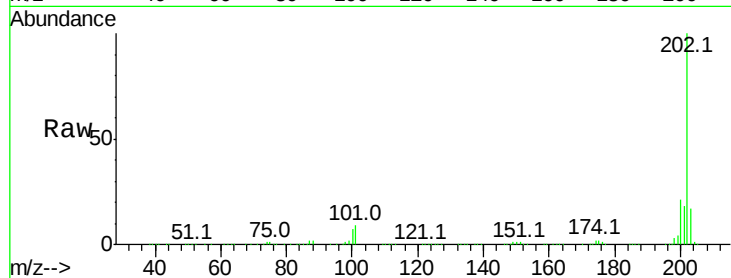
#77
Pvrene
Concen: 43.41 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.1	14.7	22.1

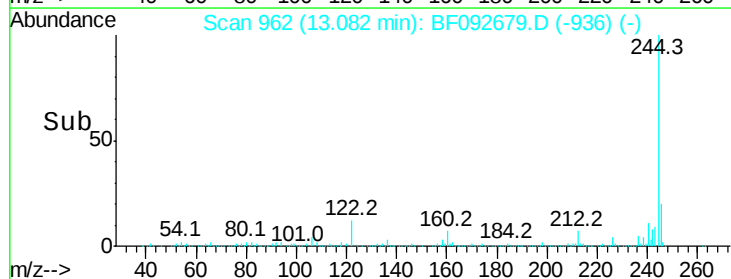
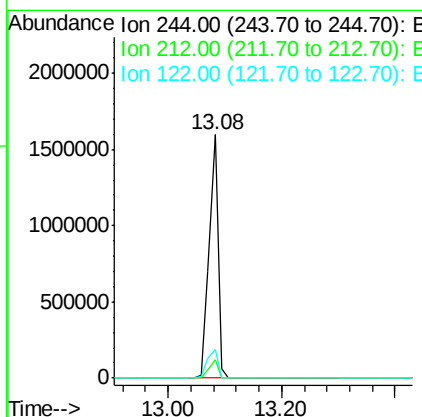
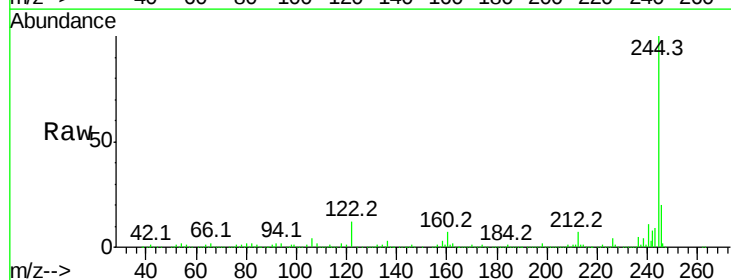
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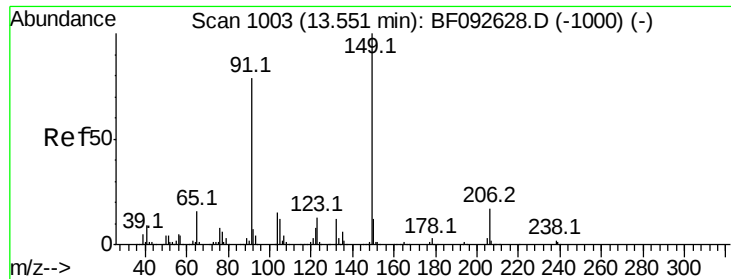
mohammad
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#78
Terphenyl-d14
Concen: 83.59 ng
RT: 13.08 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	11.8	11.4	17.2





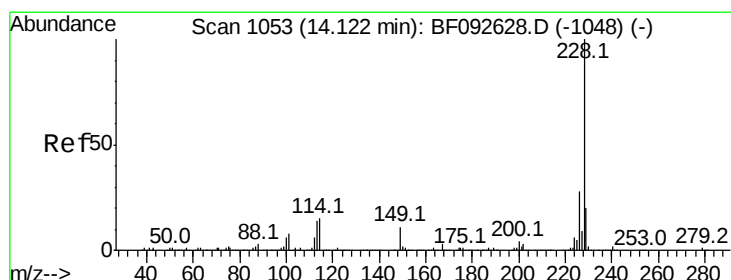
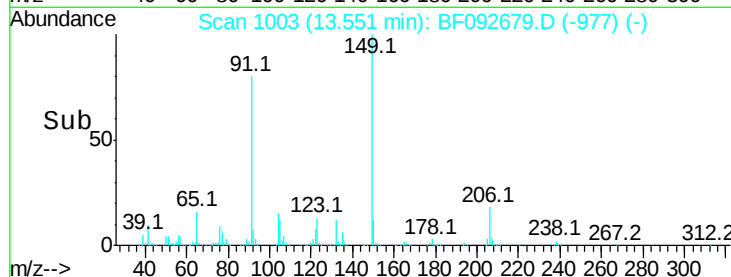
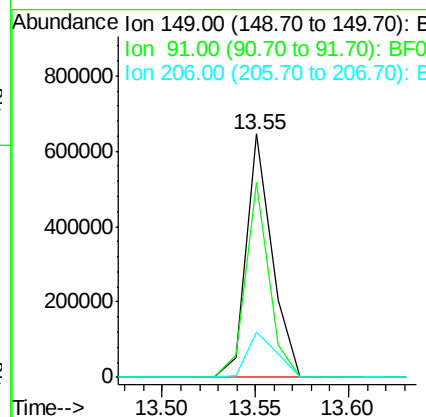
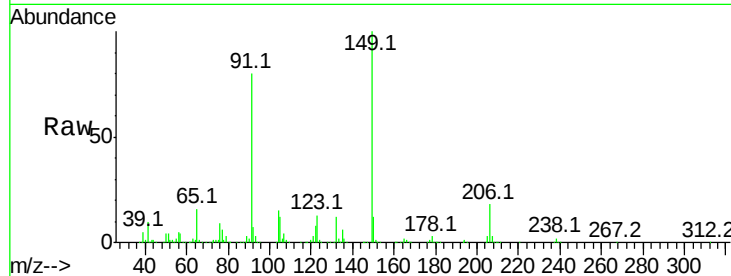
#79
Butylbenzylphthalate
Concen: 44.17 ng
RT: 13.55 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.9	63.9	95.9
206	18.4	14.6	21.8

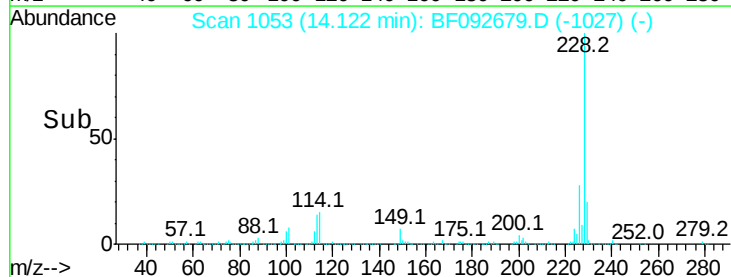
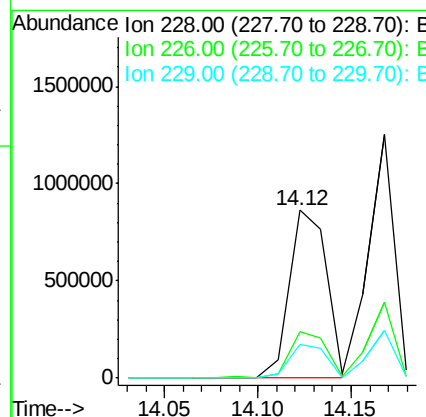
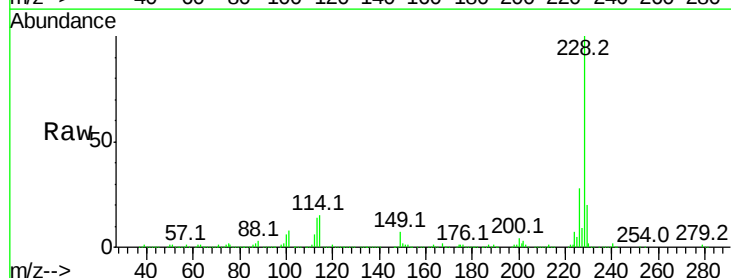
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#80
Benzo(a)anthracene
Concen: 42.39 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.1	16.2	24.4





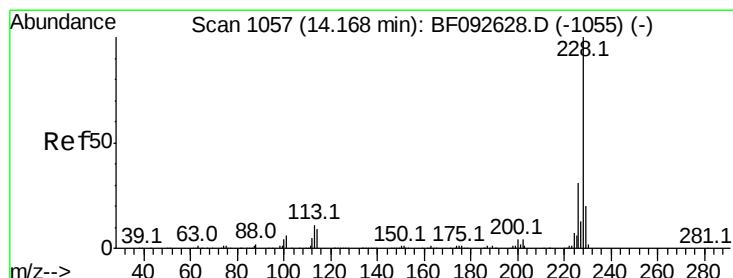
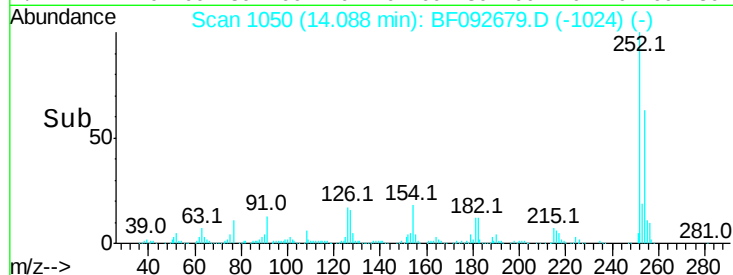
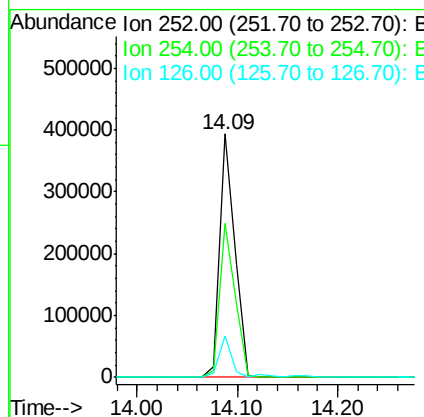
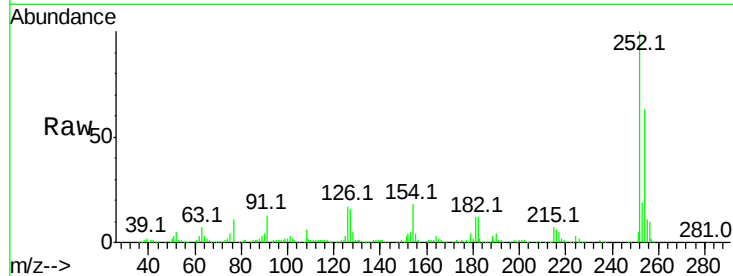
#81
 3,3'-Dichlorobenzidine
 Concen: 41.11 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.3	78.5
126	16.9	13.6	20.4

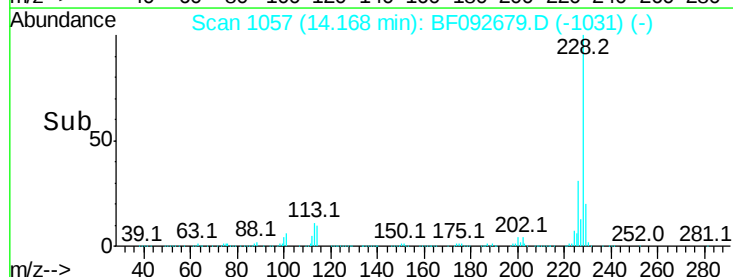
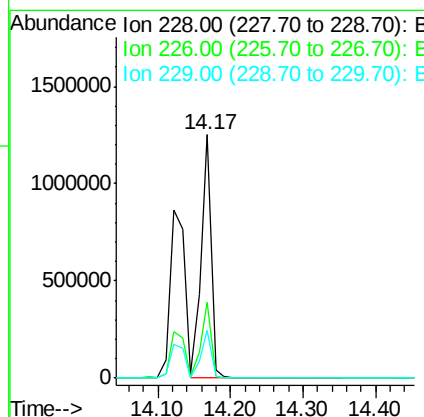
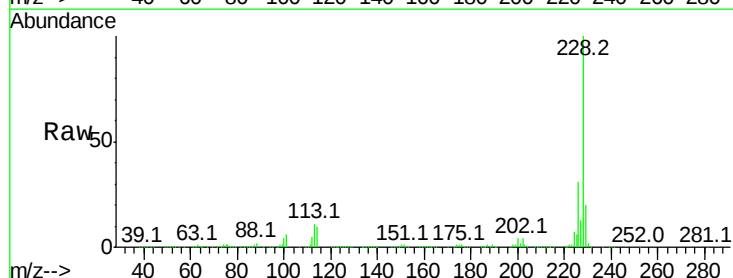
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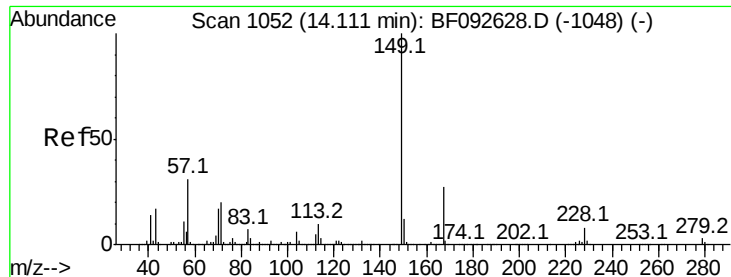
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#82
 Chrysene
 Concen: 45.23 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	19.8	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.47 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

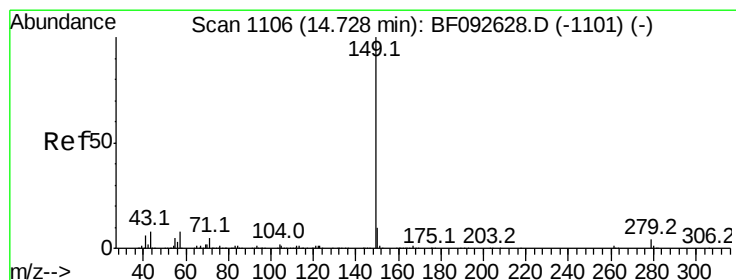
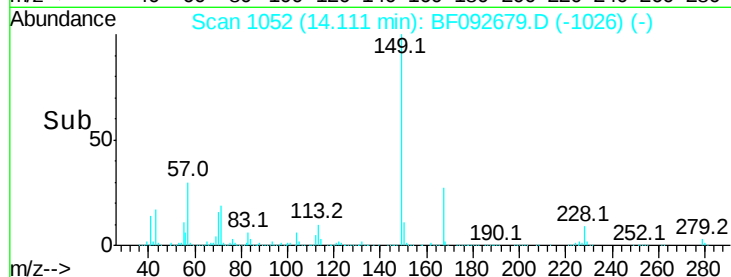
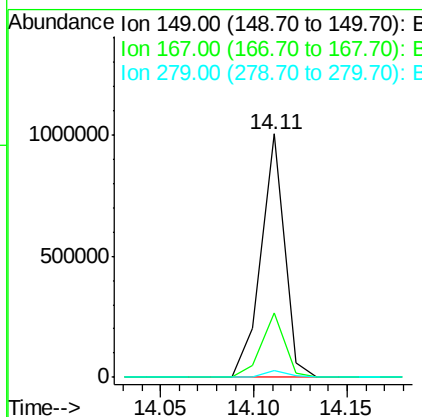
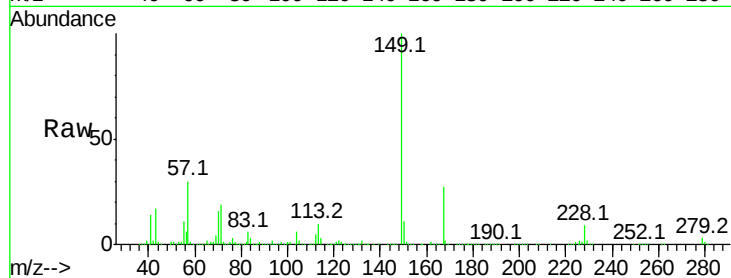
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.2	30.4
279	3.0	1.8	2.8#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 44.68 ng

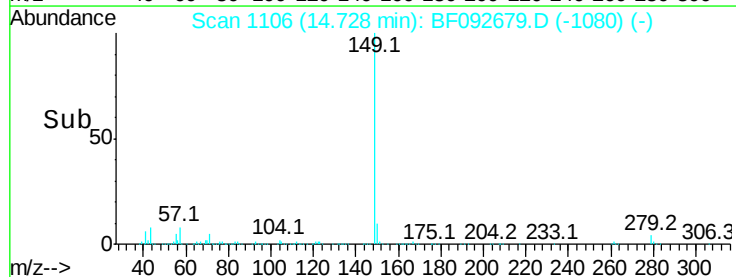
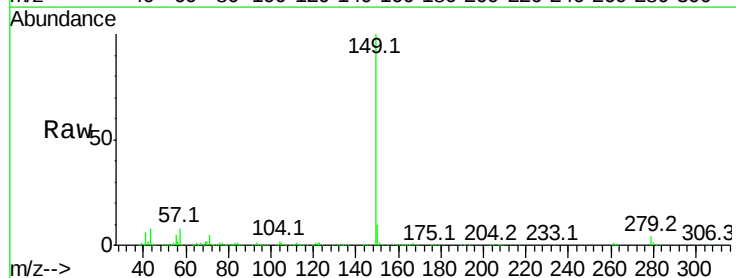
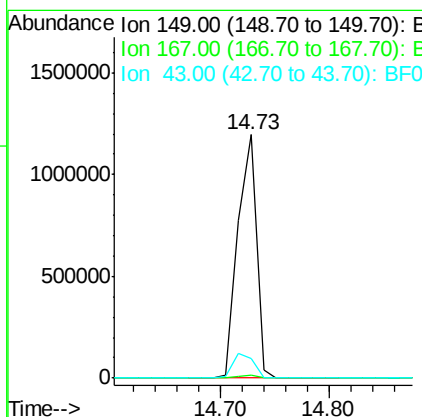
RT: 14.73 min Scan# 1106

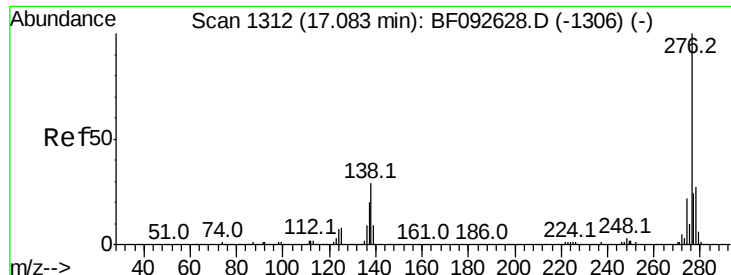
Delta R.T. -0.00 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.1	8.9	13.3





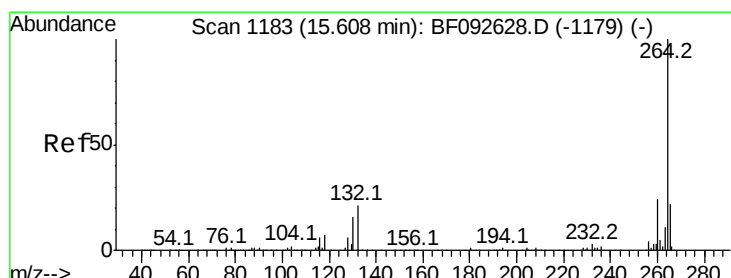
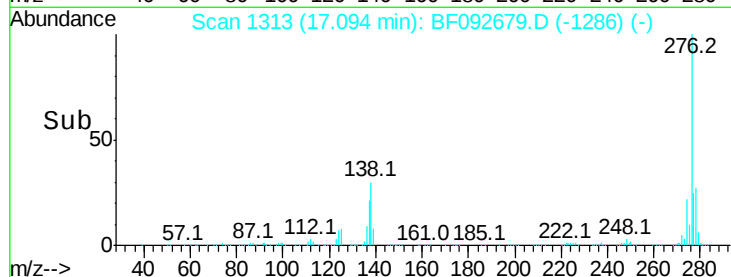
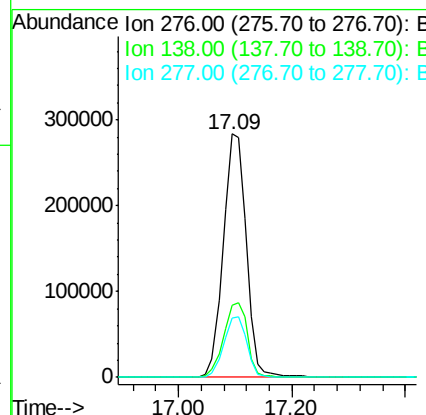
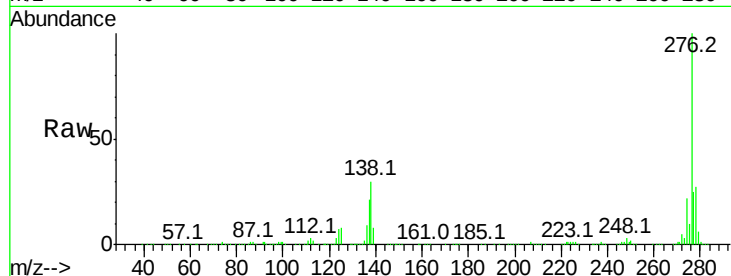
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.25 ng
RT: 17.09 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.6
277	25.3	20.2	30.4

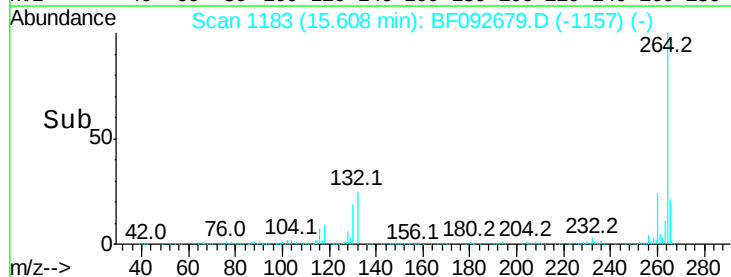
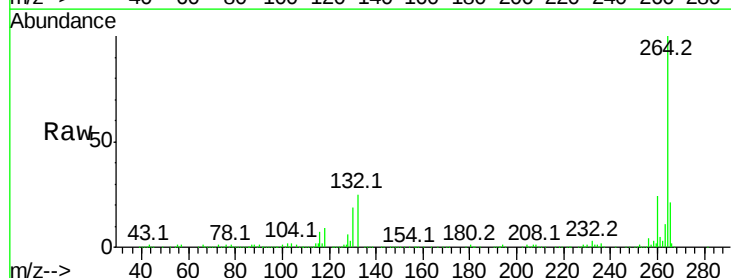
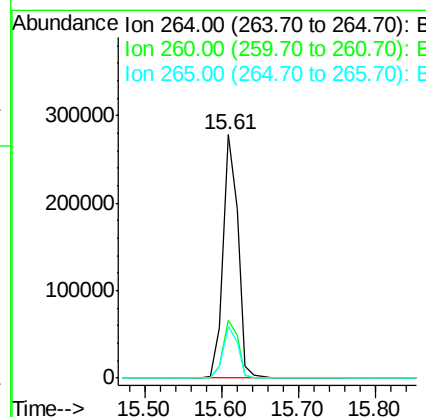
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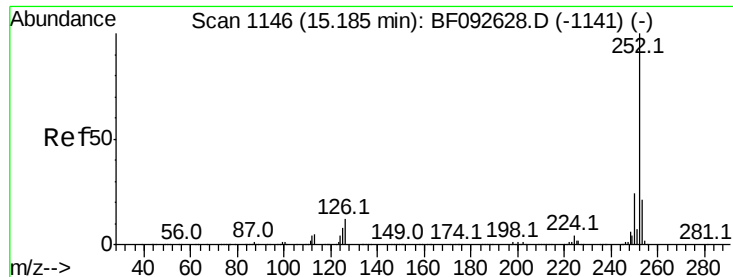
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 41.28 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1033130

Ion Ratio Lower Upper

252 100

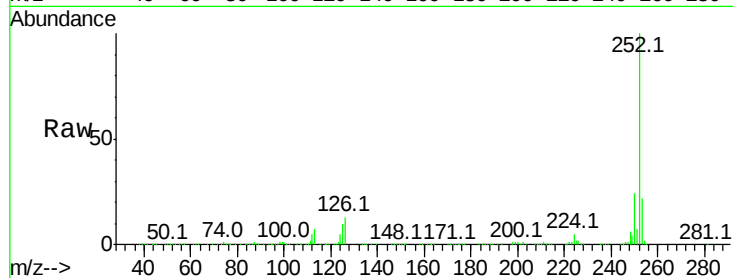
253 21.9 18.2 27.4

125 10.2 9.8 14.6

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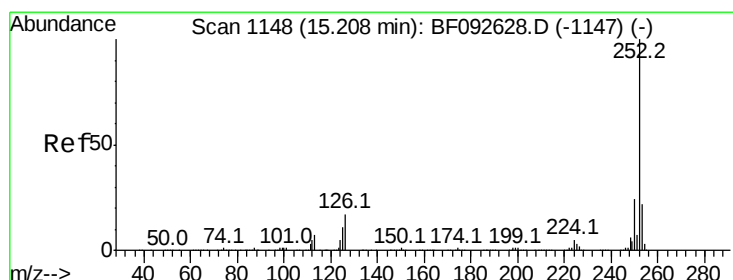
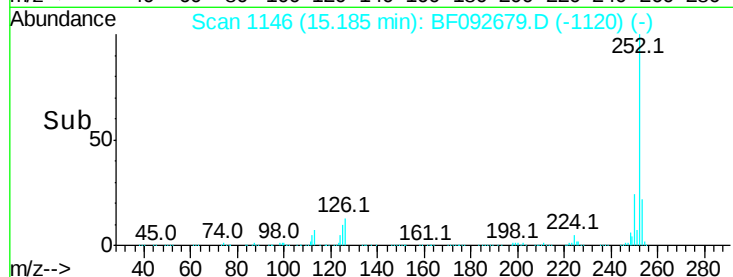
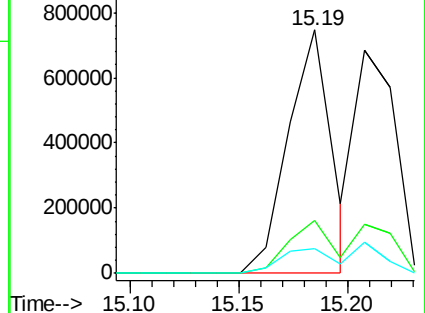
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.03 ng m

RT: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF092679.D

Acq: 31 Jan 2017 14:11

Tgt Ion:252 Resp: 886759

Ion Ratio Lower Upper

252 100

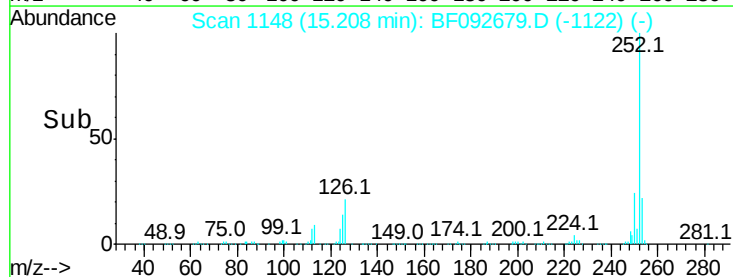
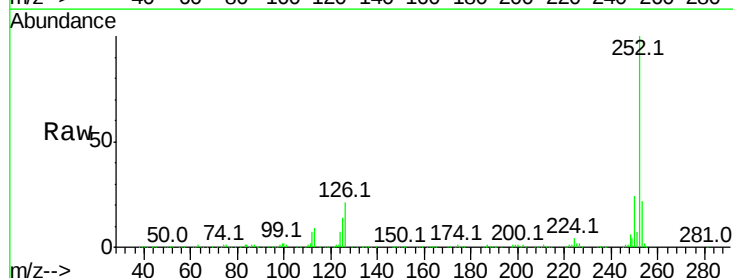
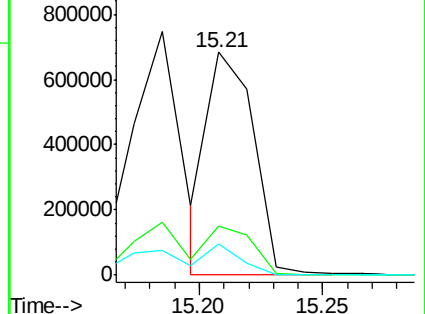
253 22.1 18.5 27.7

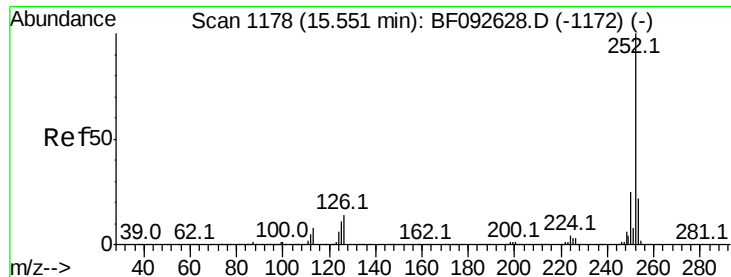
125 14.1 8.9 13.3#

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





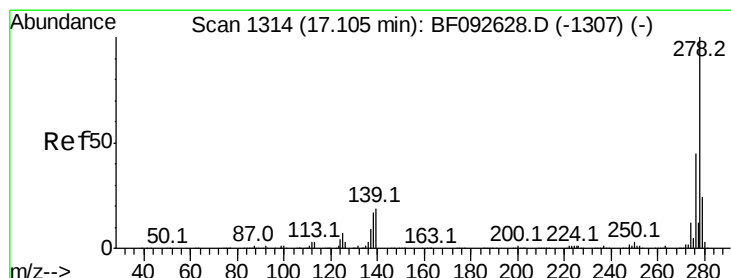
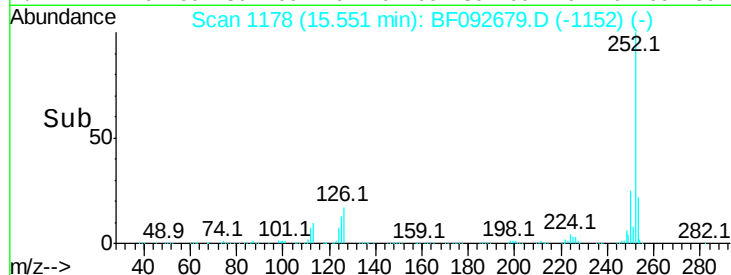
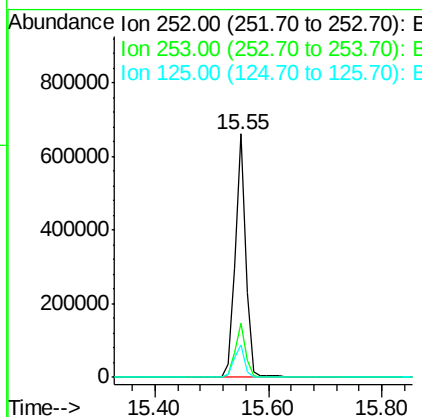
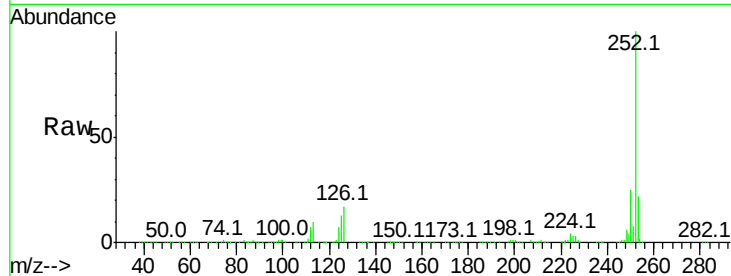
#89
Benzo(a)pyrene
Concen: 39.99 ng
RT: 15.55 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	13.4	10.0	15.0

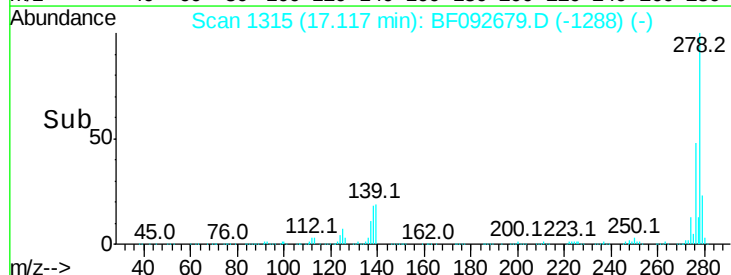
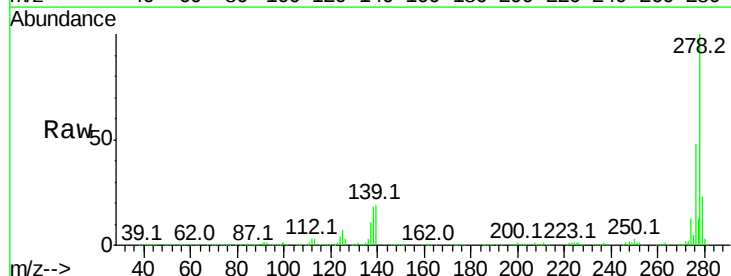
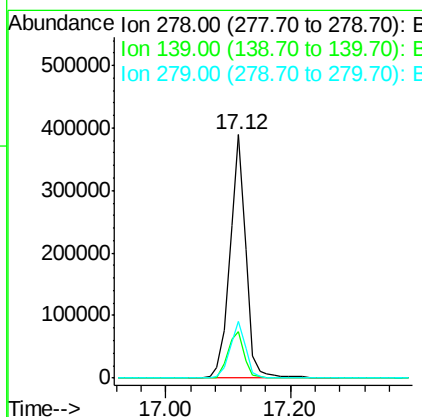
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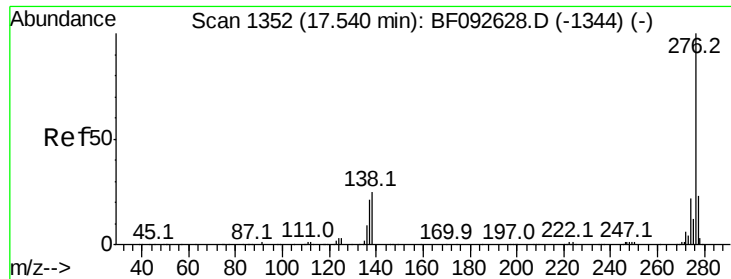
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 39.52 ng
RT: 17.12 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF092679.D
Acq: 31 Jan 2017 14:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.8	22.2
279	23.3	19.8	29.6





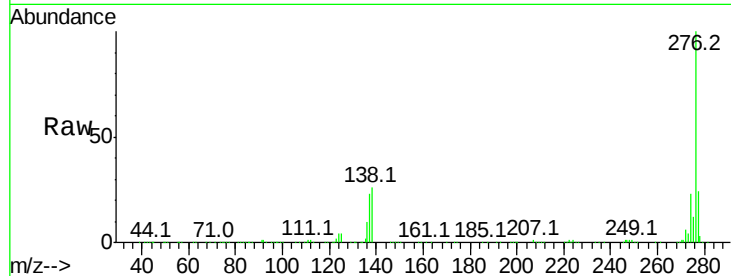
#91
 Benzo(a,h,i)perylene
 Concen: 38.88 ng
 RT: 17.55 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF092679.D
 Acq: 31 Jan 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	26.3	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

