

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092638.D
 Acq On : 30 Jan 2017 17:17
 Operator : SJ/MA
 Sample : I1305-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

Manual Integrations
 APPROVED

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Quant Time: Jan 30 17:45:50 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	6.96	152	161521	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	663278	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	353390	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	608580	20.00	ng	0.00
75) Chrysene-d12	14.13	240	537660	20.00	ng	-0.01
86) Perylene-d12	15.61	264	374772	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	249296	26.48	ng	-0.01
7) Phenol-d6	6.59	99	310557	25.64	ng	-0.01
23) Nitrobenzene-d5	7.53	82	203671	17.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	75419	29.51	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	409862	21.01	ng	0.00
78) Terphenyl-d14	13.07	244	406743	17.78	ng	-0.01

Target Compounds

						Qvalue
8) 2-Chlorophenol	6.75	128	248924	23.97	ng	89
11) bis(2-Chloroethyl)ether	6.69	93	130141	11.50	ng	98
13) 1,4-Dichlorobenzene	6.98	146	298654	24.26	ng	94
14) 1,2-Dichlorobenzene	7.13	146	397063	33.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	233240	11.87	ng	93
17) 2-Methylphenol	7.22	107	326240	36.61	ng	97
18) Hexachloroethane	7.48	117	192218	45.73	ng	90
20) 3+4-Methylphenols	7.38	107	425844	39.97	ng	# 62
24) Nitrobenzene	7.55	77	213747	17.48	ng	# 79
25) Isophorone	7.78	82	389653	17.56	ng	# 92
26) 2-Nitrophenol	7.87	139	121573	20.91	ng	# 82
28) bis(2-Chloroethoxy)methane	8.00	93	267027	18.17	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	381886	37.21	ng	# 95
31) Naphthalene	8.27	128	488342	14.52	ng	99
34) Hexachlorobutadiene	8.40	225	60476	10.71	ng	98
37) 2-Methylnaphthalene	8.97	142	780460	36.15	ng	98
42) 2,4,6-Trichlorophenol	9.24	196	213651	32.78	ng	90
43) 2,4,5-Trichlorophenol	9.29	196	264333	37.01	ng	# 87
49) Dimethylphthalate	9.73	163	692721	29.10	ng	99
50) 2,6-Dinitrotoluene	9.79	165	215567	41.93	ng	# 72
54) Dibenzofuran	10.21	168	1033428	37.37	ng	98
55) 4-Nitrophenol	10.13	139	92000	21.71	ng	# 72
56) 2,4-Dinitrotoluene	10.19	165	105876	15.47	ng	93
60) 4-Chlorophenyl-phenylether	10.56	204	348528	34.10	ng	# 71
66) 4-Bromophenyl-phenylether	11.04	248	275262	43.29	ng	# 90
69) Pentachlorophenol	11.30	266	108657	37.69	ng	97
70) Phenanthrene	11.52	178	735017	21.08	ng	98
71) Anthracene	11.57	178	727481	20.78	ng	98
73) Di-n-butylphthalate	12.05	149	1281703	35.41	ng	# 98
74) Fluoranthene	12.72	202	1538034	42.77	ng	91
77) Pyrene	12.95	202	1314149	32.66	ng	98
79) Butylbenzylphthalate	13.55	149	324568	19.86	ng	93
82) Chrysene	14.16	228	935206	30.37	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	921690	41.25	ng	# 97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.73	149	1395778	38.36	nq	100
85) Indeno(1,2,3-cd)pyrene	17.08	276	588441	24.67	nq	97
87) Benzo(b)fluoranthene	15.19	252	1223951m	49.62	nq	
88) Benzo(k)fluoranthene	15.21	252	814743m	38.25	nq	
89) Benzo(a)pyrene	15.54	252	624537	29.27	nq	# 97
90) Dibenzo(a,h)anthracene	17.09	278	332217	19.26	nq	96

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

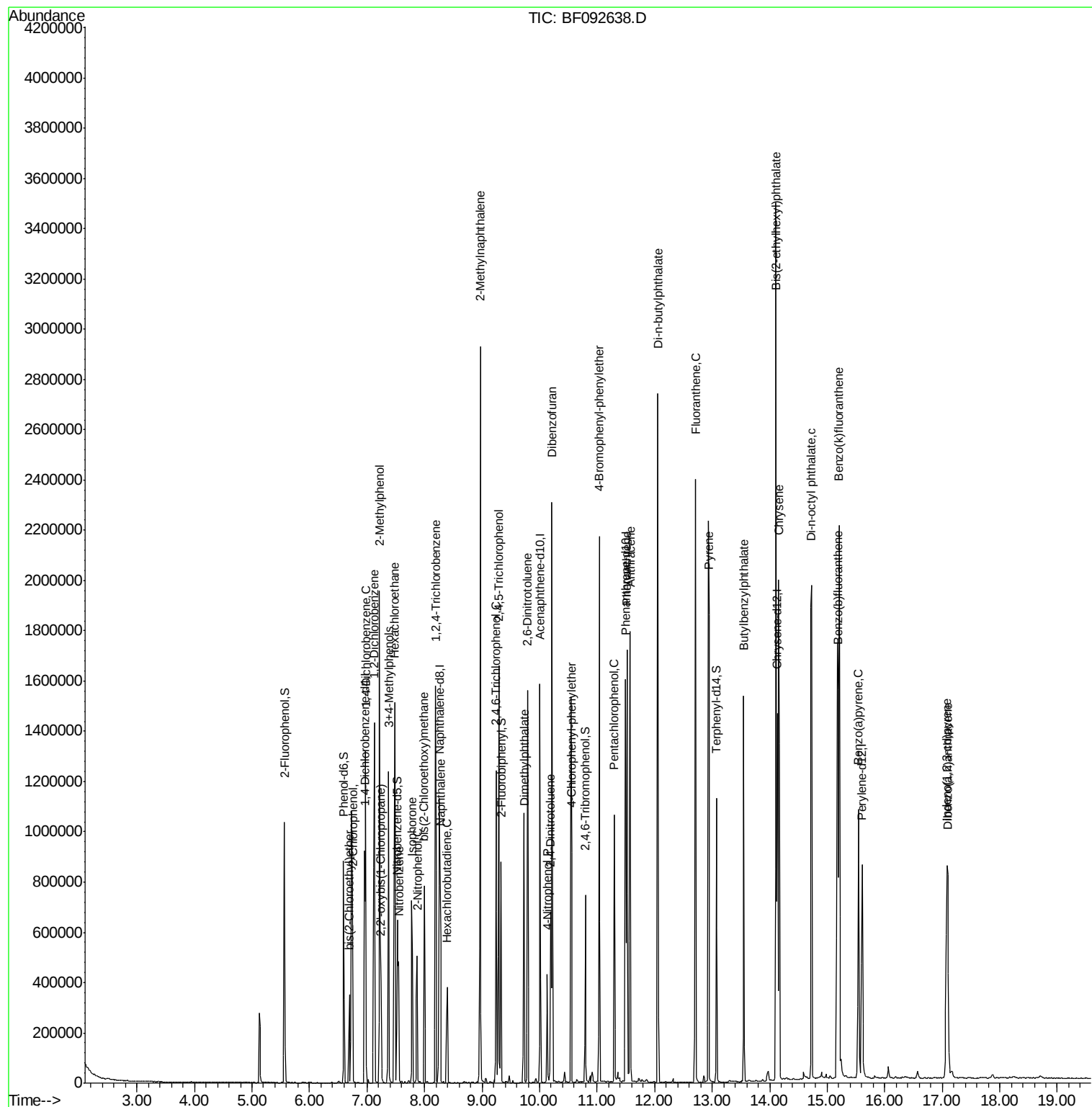
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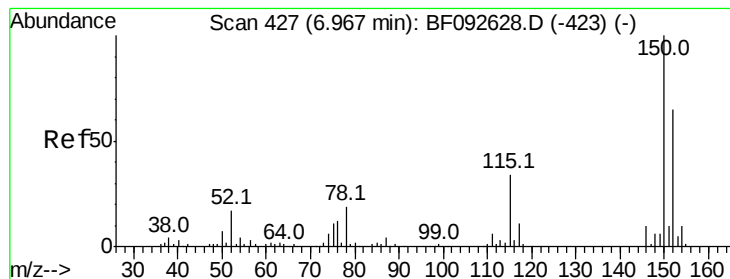
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Instrument :

BNA_F

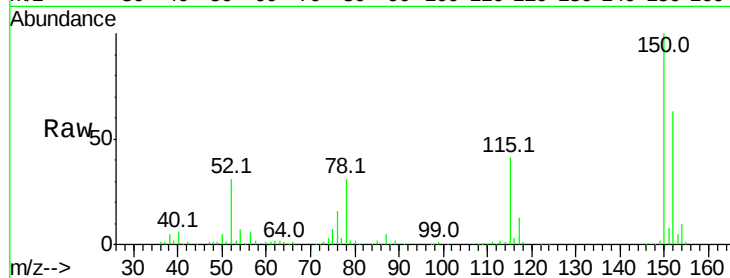
ClientSampled :

0024DL

Tot Ion:	152	Resp:	161521
Ion Ratio	Lower	Upper	
152	100		
150	157.9	124.9	187.3
115	64.8	46.0	69.0

Manual Integrations
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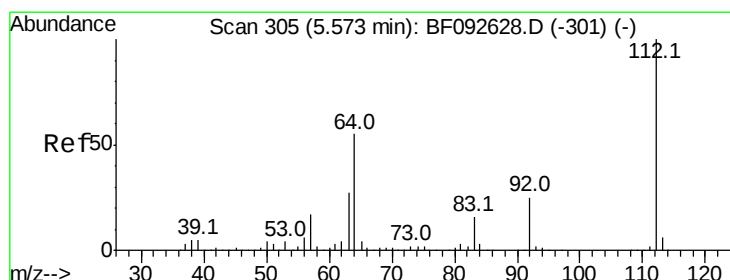
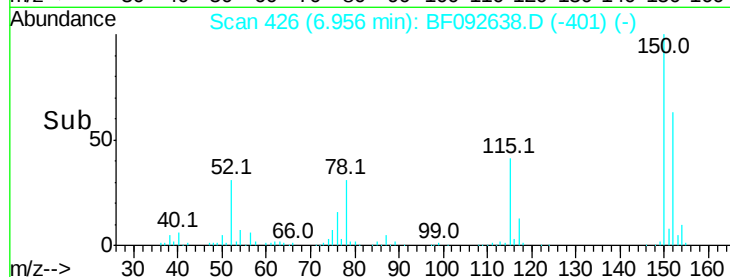
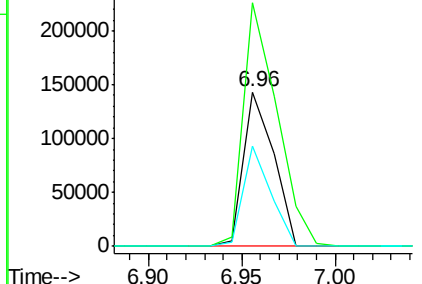
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 26.48 ng

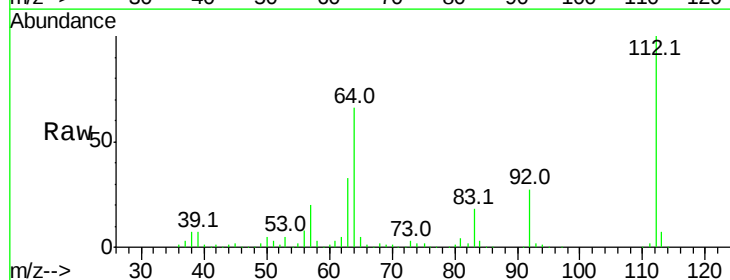
RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

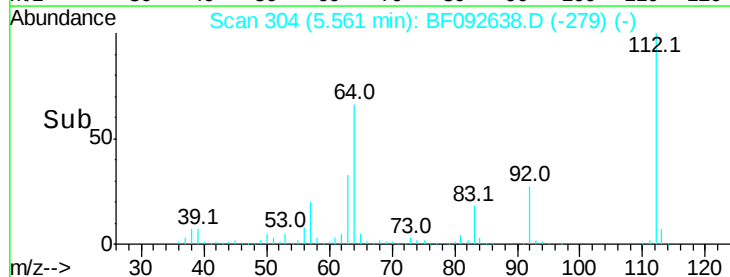
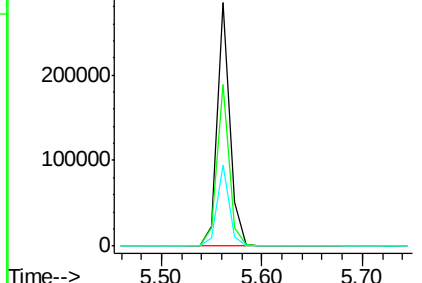
Tgt Ion:	112	Resp:	249296
Ion Ratio	Lower	Upper	
112	100		
64	66.2	46.1	69.1
63	33.3	23.8	35.6

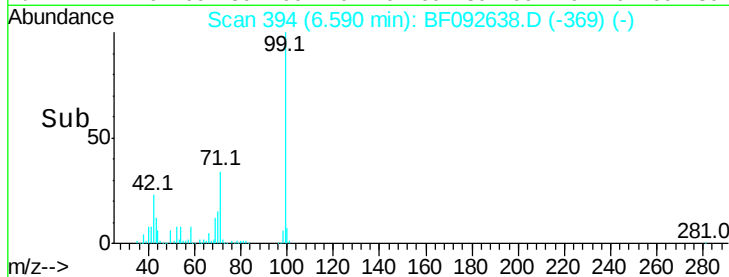
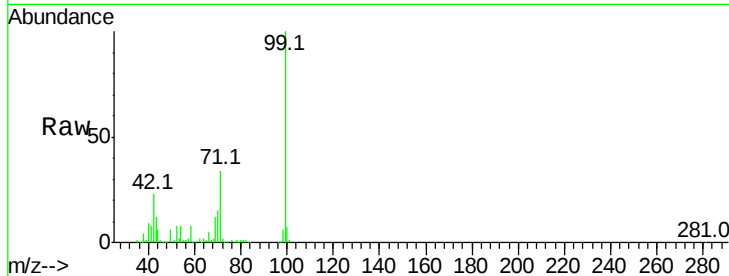
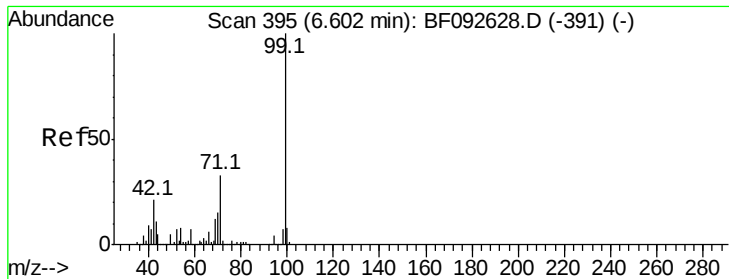


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.64 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Tot Ion	99	Resp	310557
Ion Ratio	Lower	Upper	
99	100		
42	22.7	15.6	23.4
71	33.5	27.5	41.3

Instrument :

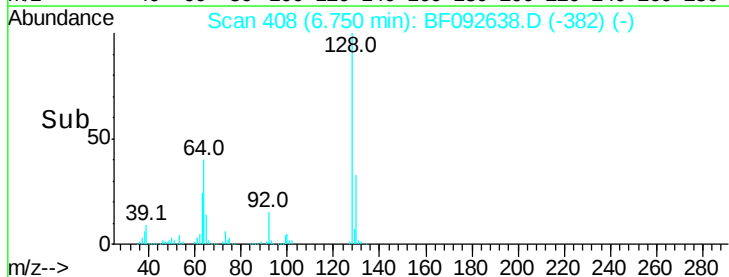
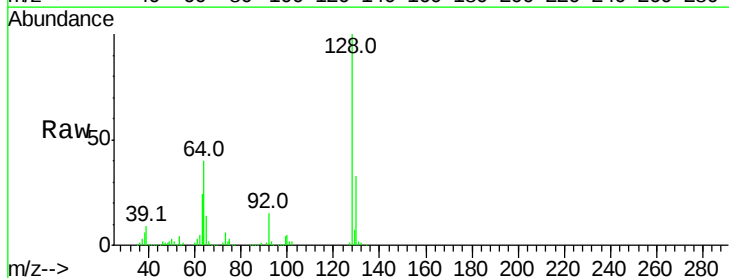
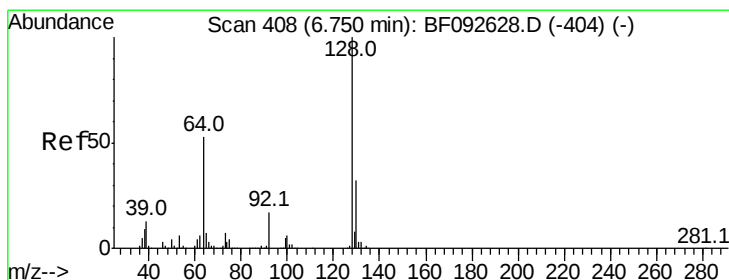
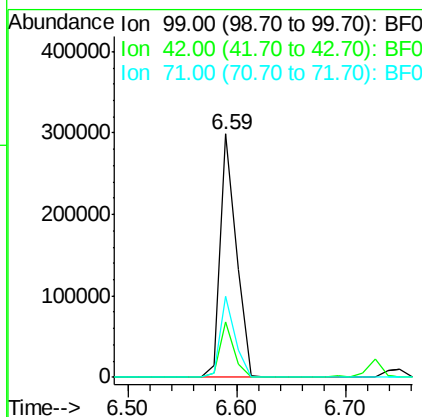
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#8

2-Chlorophenol

Concen: 23.97 ng

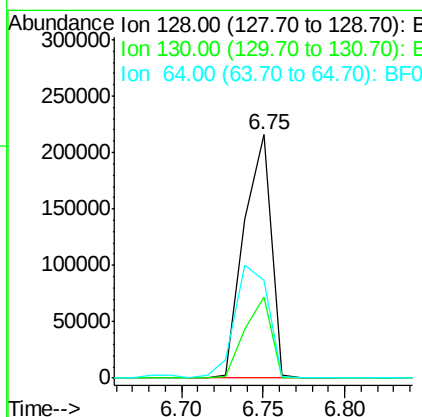
RT: 6.75 min Scan# 408

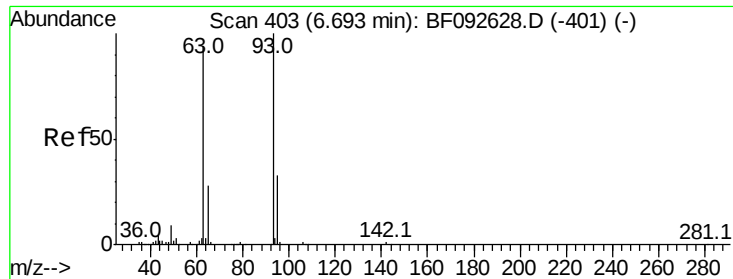
Delta R.T. -0.00 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Tgt Ion	128	Resp	248924
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.3	52.3
64	40.2	32.2	72.2





#11

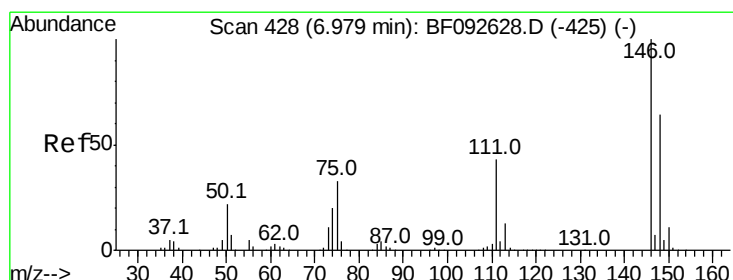
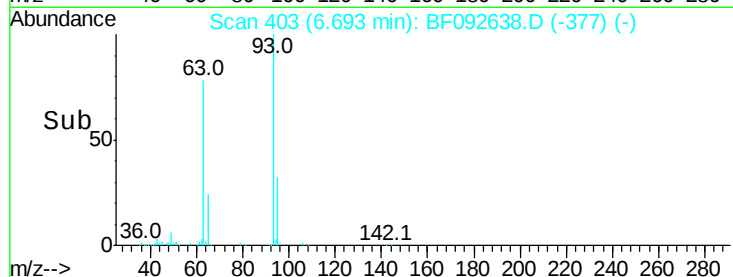
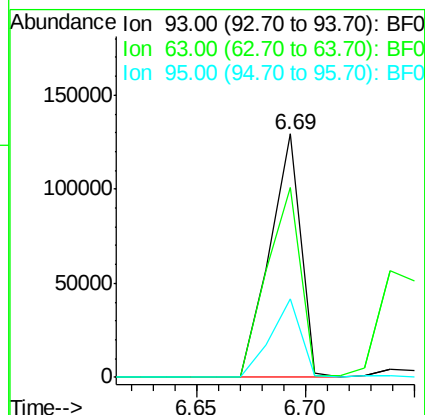
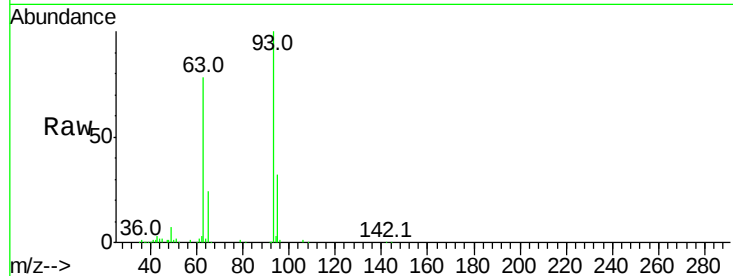
bis(2-Chloroethyl)ether
Concen: 11.50 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	93	Resp:	130141
Ion	Ratio	Lower	Upper
93	100		
63	78.2	60.4	100.4
95	32.1	12.8	52.8

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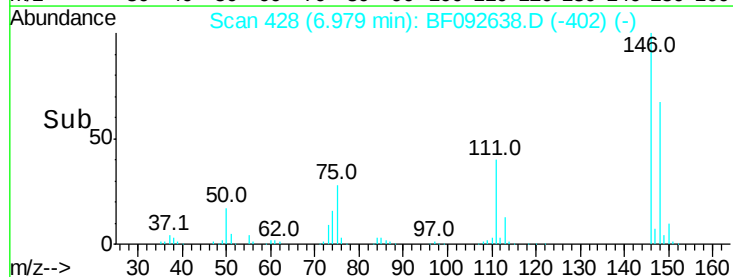
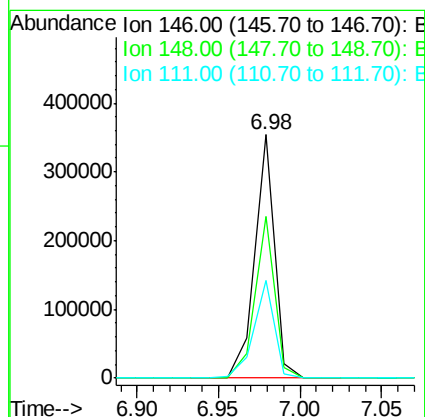
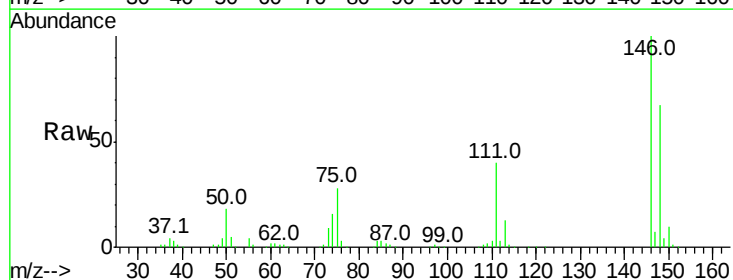
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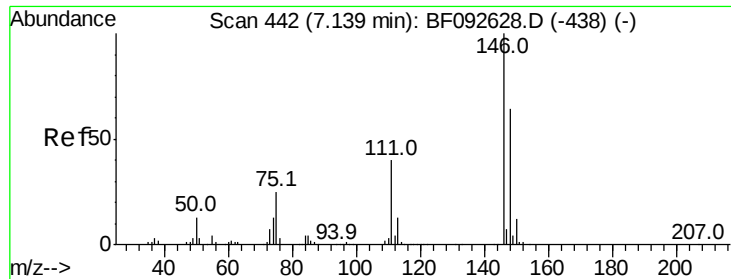


#13

1,4-Dichlorobenzene
Concen: 24.26 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion:	146	Resp:	298654
Ion	Ratio	Lower	Upper
146	100		
148	66.6	50.6	76.0
111	40.2	36.2	54.4





#14

1,2-Dichlorobenzene

Concen: 33.72 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Instrument :

BNA_F

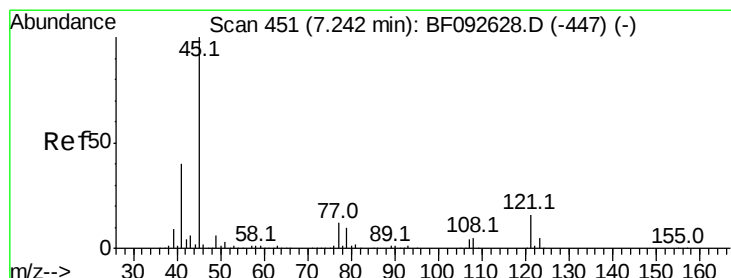
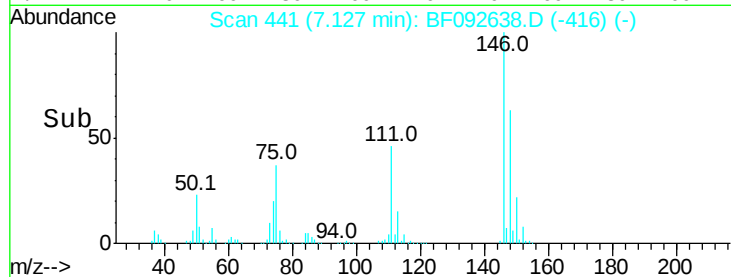
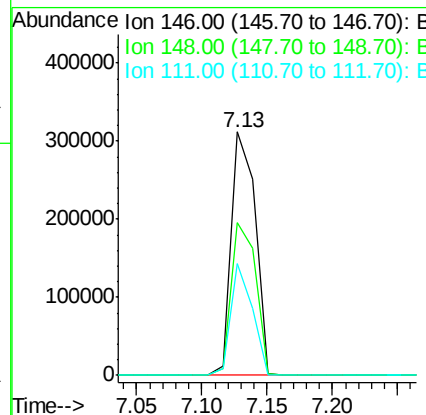
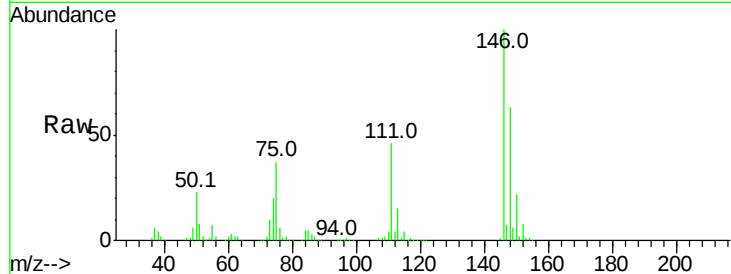
ClientSampleId :

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Tot Ion:	146	Resp:	397063
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.2	78.2
111	46.0	36.2	54.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.87 ng

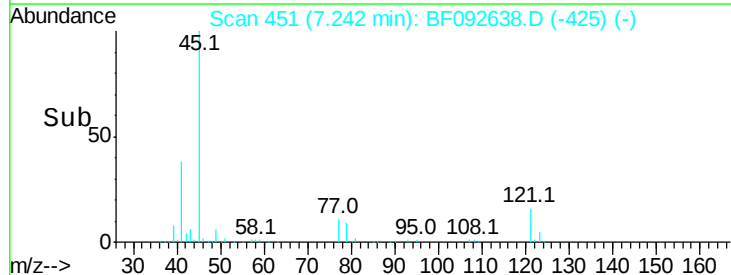
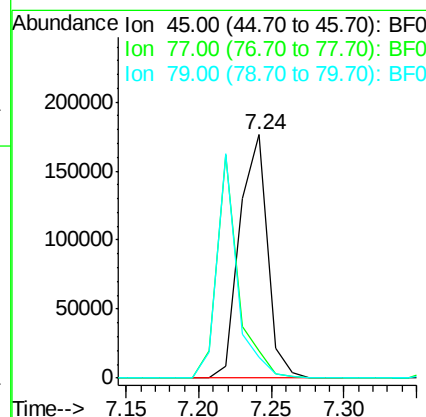
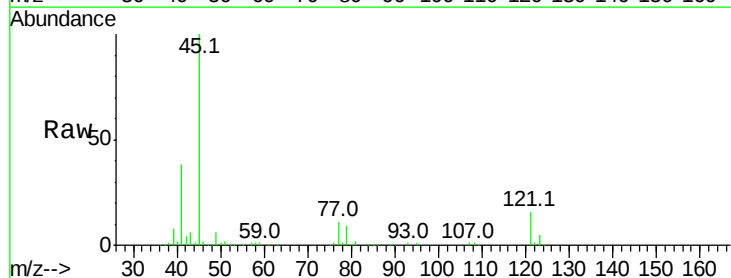
RT: 7.24 min Scan# 451

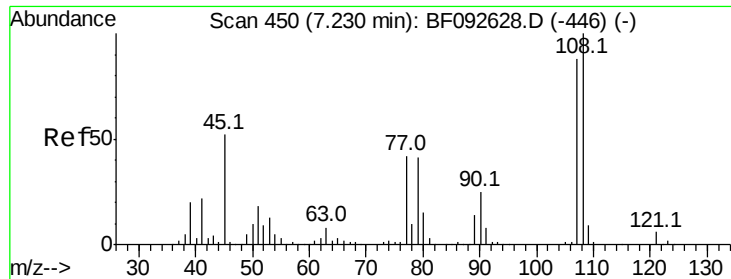
Delta R.T. -0.00 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Tgt Ion:	45	Resp:	233240
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	34.6
79	8.8	0.0	31.2





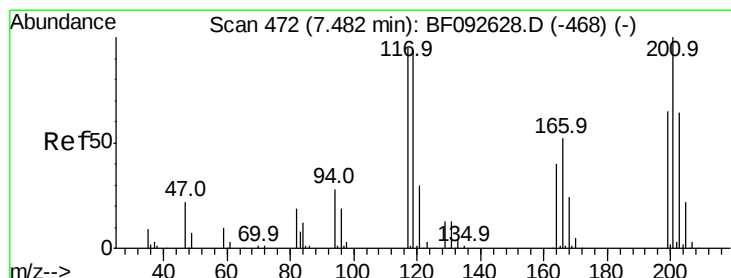
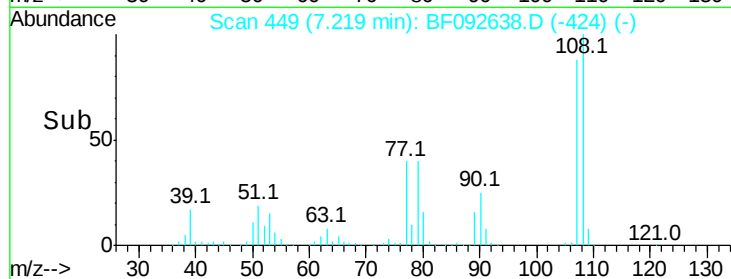
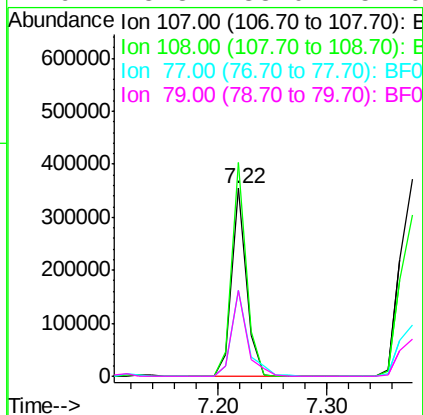
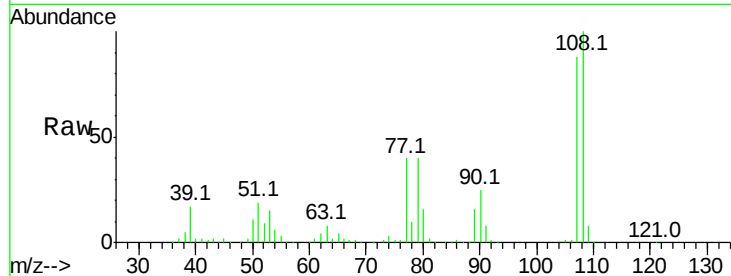
#17
2-Methylphenol
Concen: 36.61 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
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Tot Ion:	107	Resp:	326240
Ion Ratio	Lower	Upper	
107	100		
108	113.7	93.0	139.6
77	45.5	39.8	59.8
79	45.8	38.0	57.0

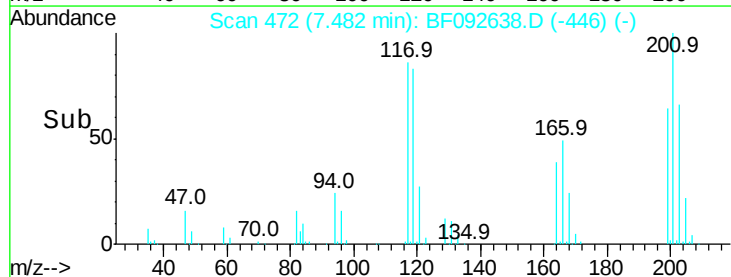
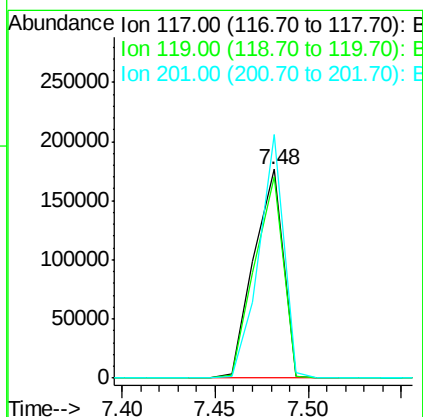
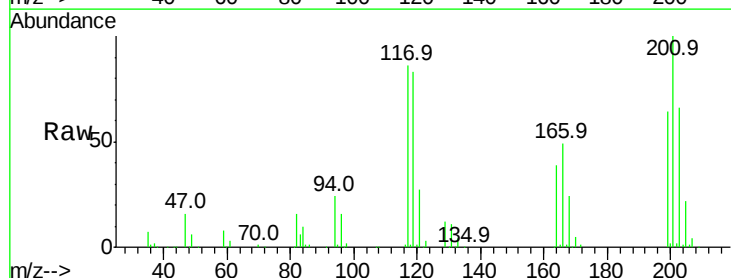
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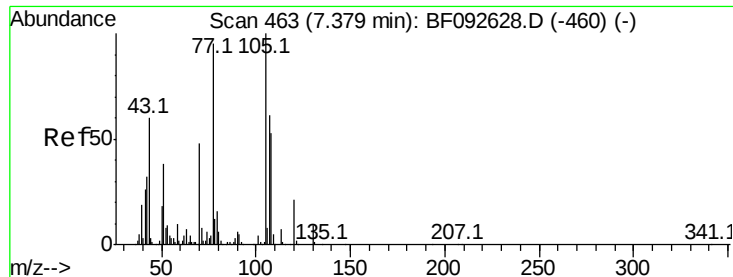
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#18
Hexachloroethane
Concen: 45.73 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion:	117	Resp:	192218
Ion Ratio	Lower	Upper	
117	100		
119	96.4	78.1	117.1
201	116.5	78.6	117.8





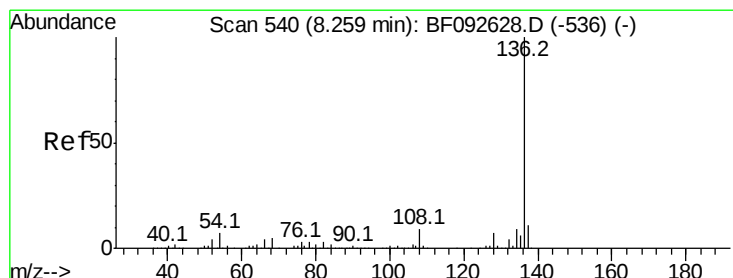
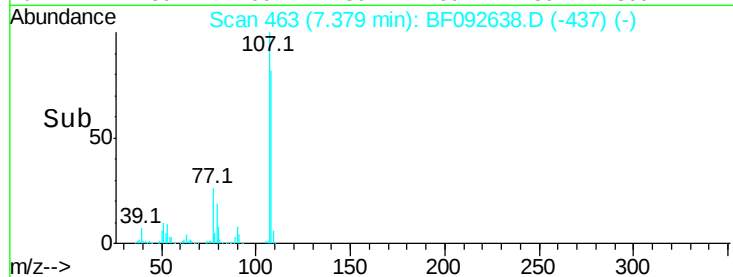
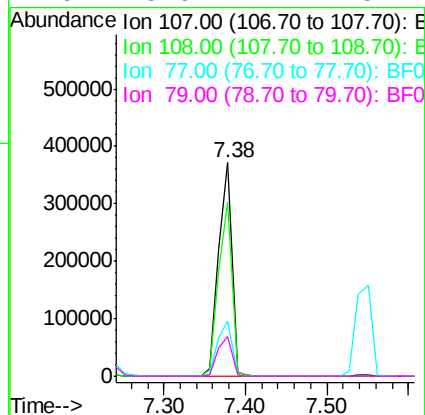
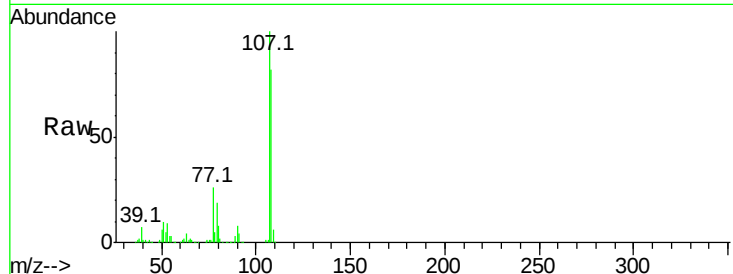
#20
3+4-Methylphenols
Concen: 39.97 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
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Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	81.8	73.0	113.0	
77	25.8	71.3	111.3	
79	18.6	11.1	51.1	

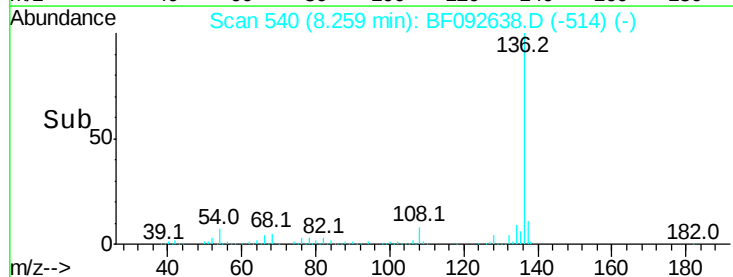
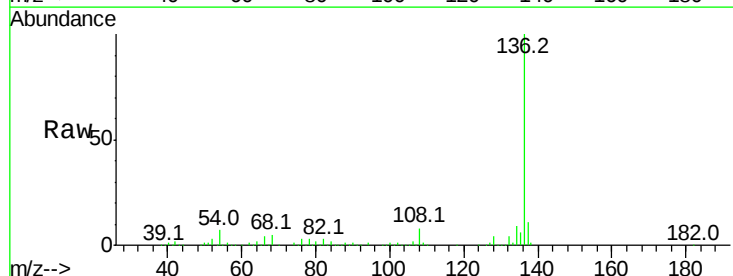
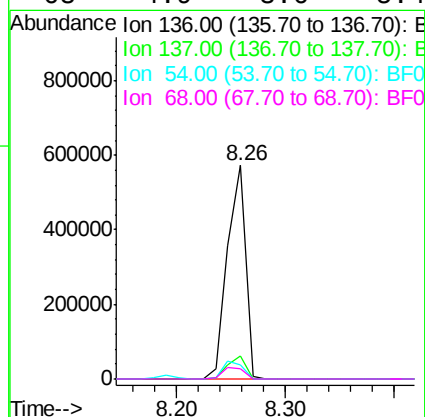
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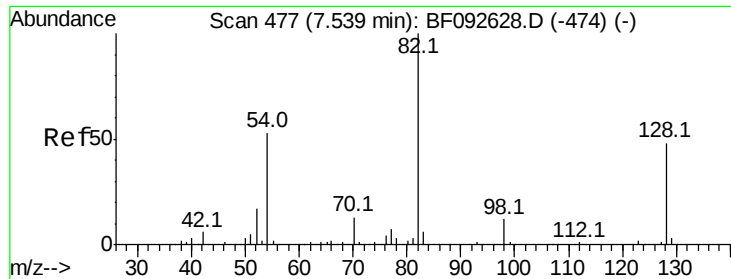
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.4	12.6	
54	6.9	4.5	6.7	
68	4.9	3.6	5.4	





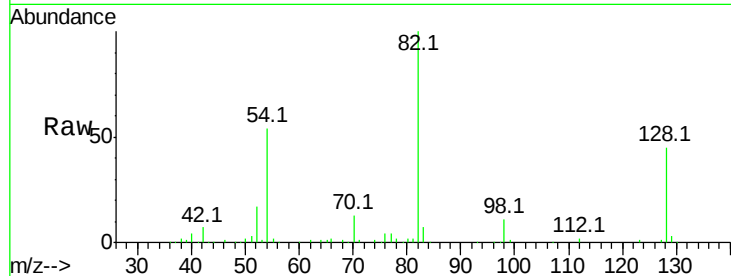
#23
 Nitrobenzene-d5
 Concen: 17.10 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

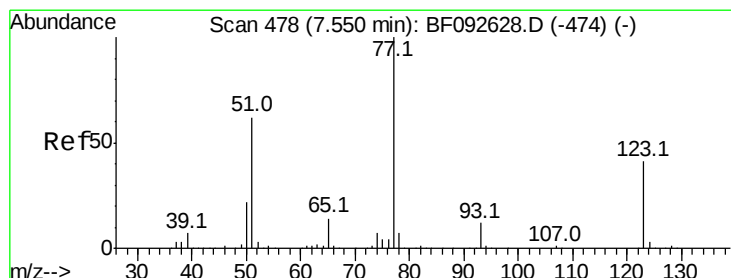
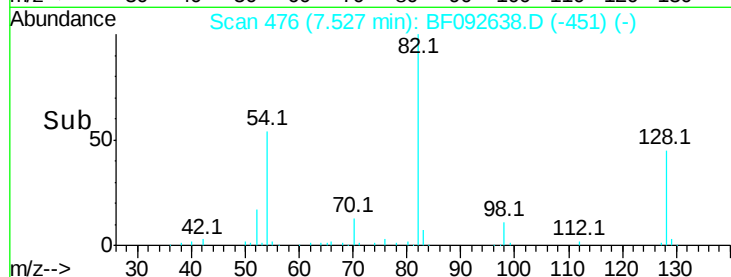
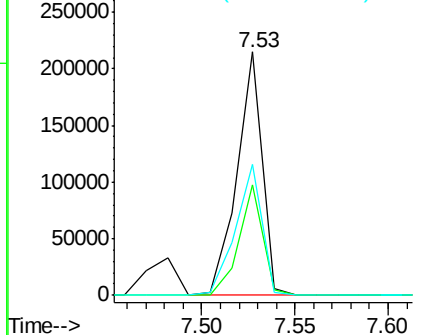
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	52.0
54	53.6	39.5	59.3

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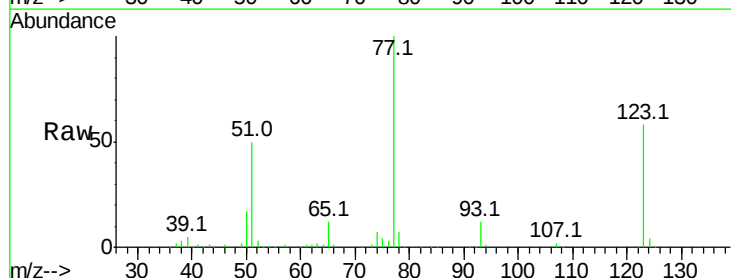


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

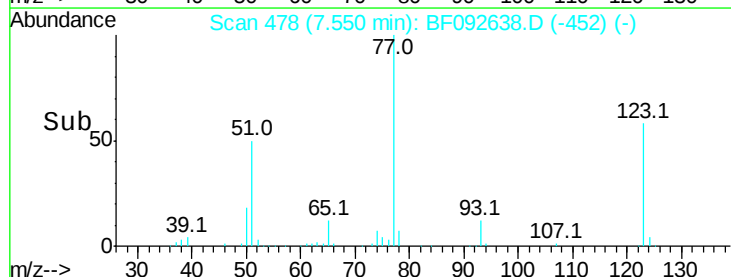
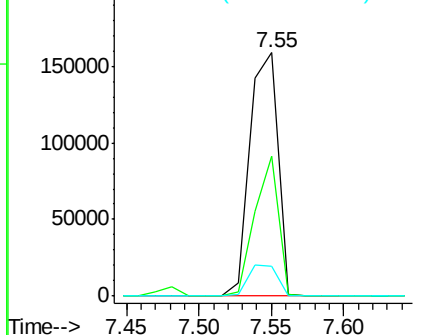


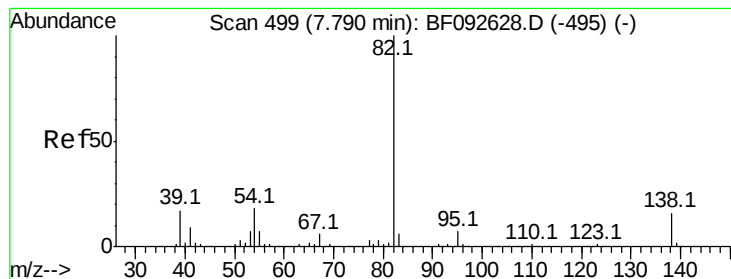
#24
 Nitrobenzene
 Concen: 17.48 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.6	33.0	49.4#
65	12.2	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 17.56 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Instrument :

BNA_F

ClientSampleId :

0024DL

Tot Ion: 82 Resp: 389653

Ion Ratio Lower Upper

82 100

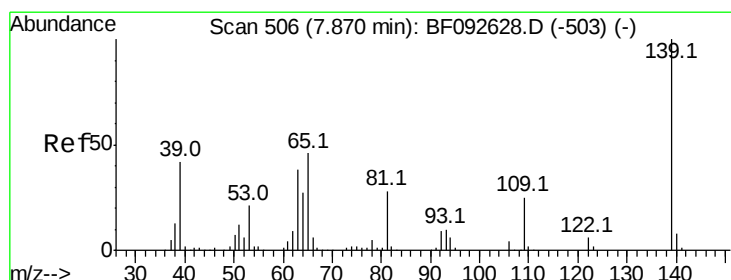
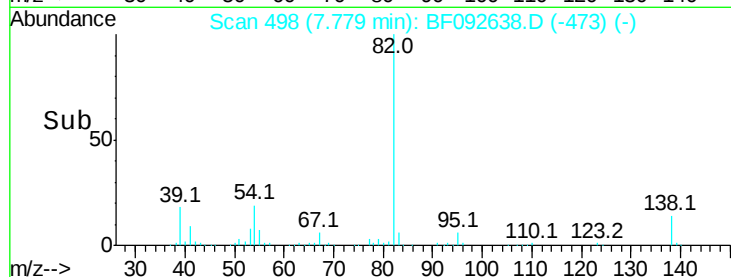
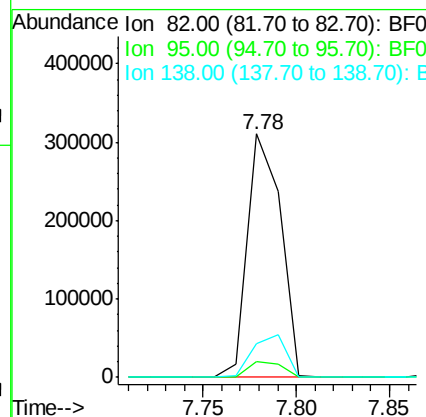
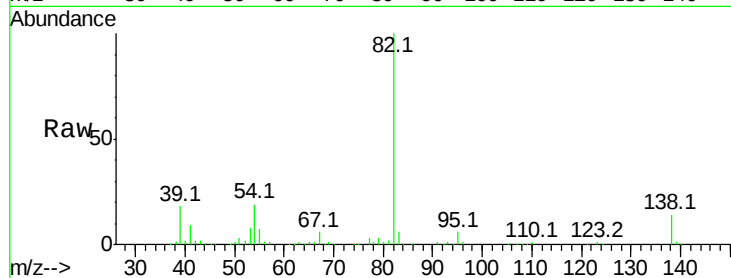
95 6.5 5.6 8.4

138 14.0 14.6 22.0#

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#26

2-Nitrophenol

Concen: 20.91 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

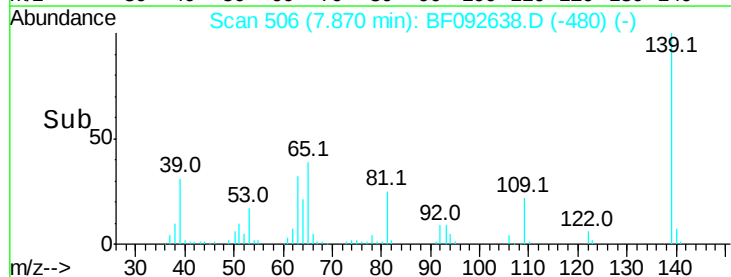
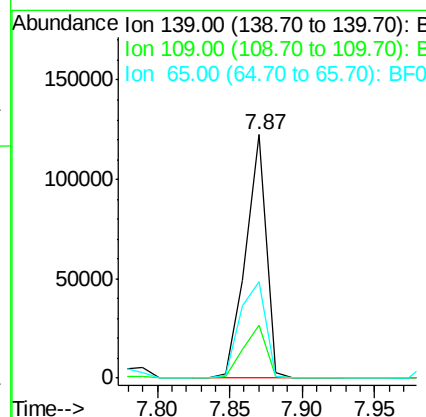
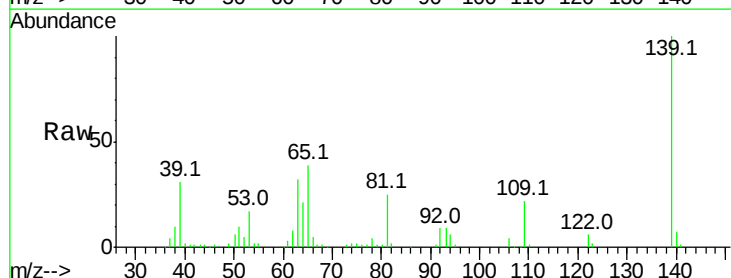
Tgt Ion: 139 Resp: 121573

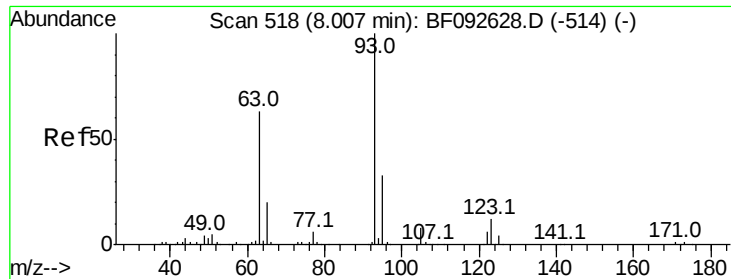
Ion Ratio Lower Upper

139 100

109 21.6 23.3 34.9#

65 39.4 42.7 64.1#





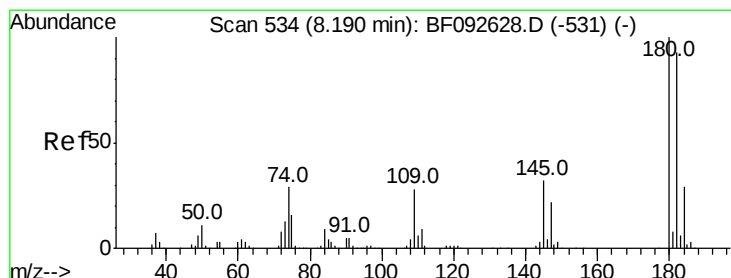
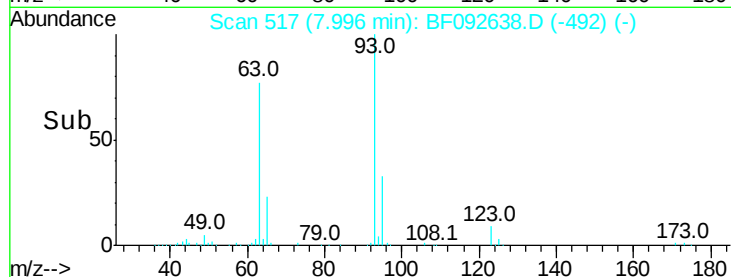
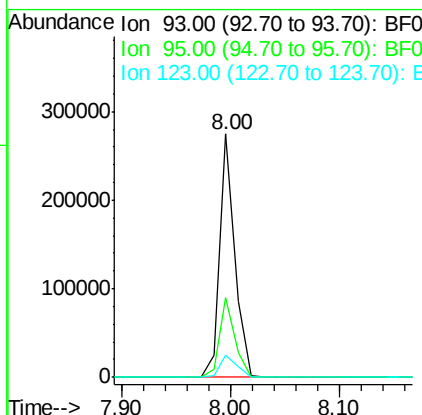
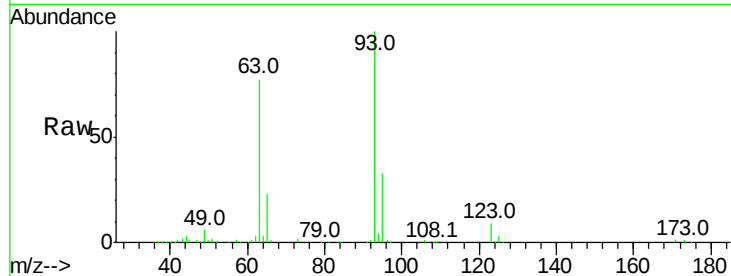
#28
bis(2-Chloroethoxy)methane
Concen: 18.17 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Instrument :
BNA_F
ClientSampleId :
0024DL

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.8	26.5	39.7	
123	9.1	8.6	13.0	

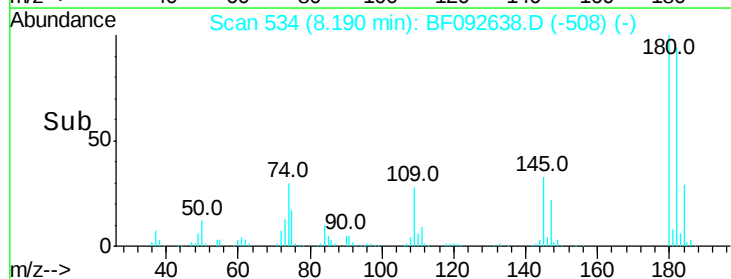
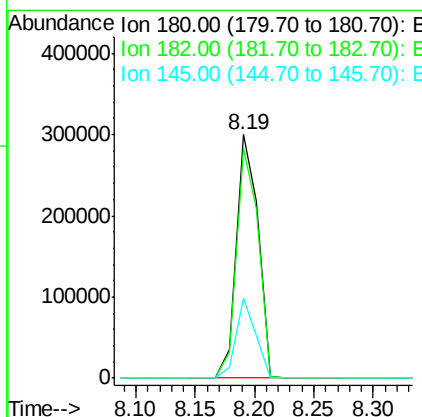
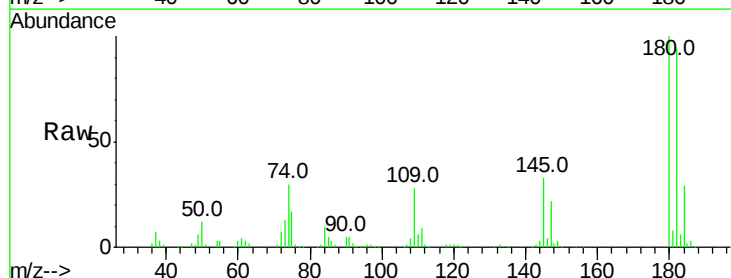
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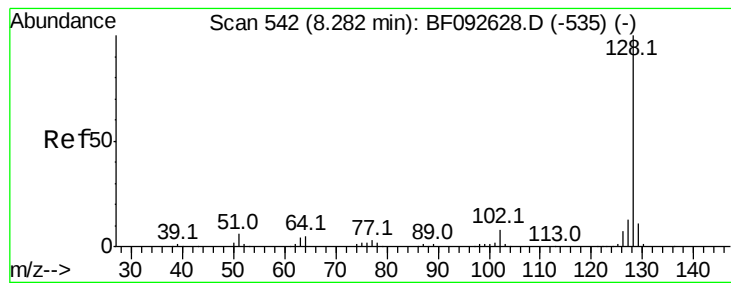
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#30
1,2,4-Trichlorobenzene
Concen: 37.21 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.2	78.2	117.4	
145	33.0	21.6	32.4	





#31

Naphthalene

Concen: 14.52 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Instrument :

BNA_F

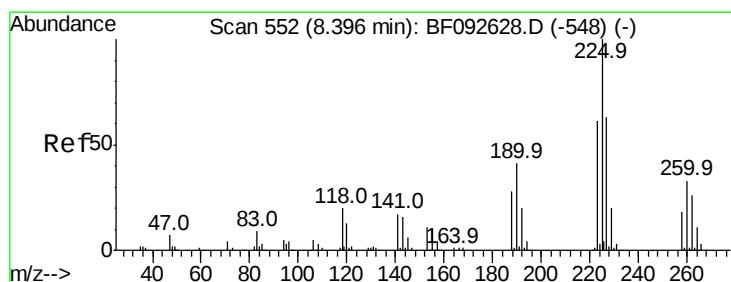
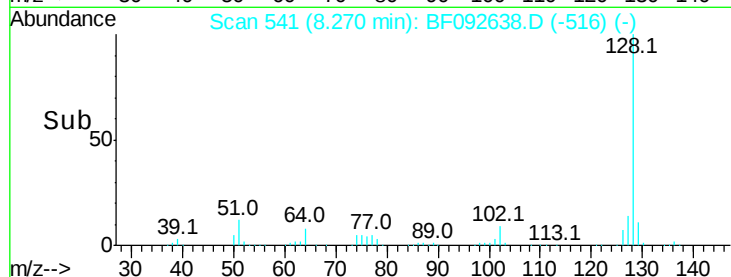
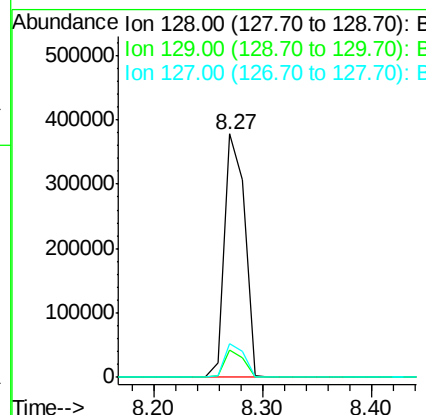
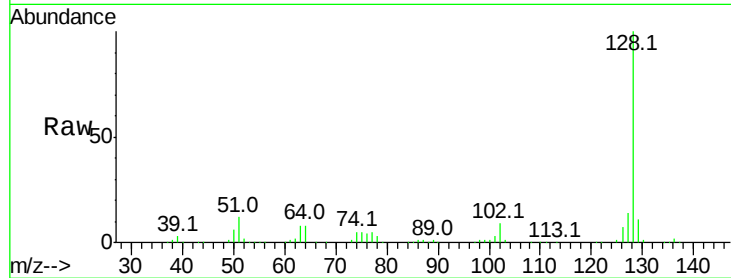
ClientSampleId :

0024DL

Tot Ion:	128	Resp:	488342
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.5	14.3
127	13.6	10.8	16.2

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#34

Hexachlorobutadiene

Concen: 10.71 ng

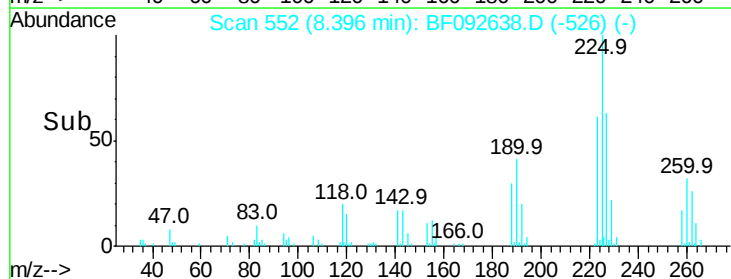
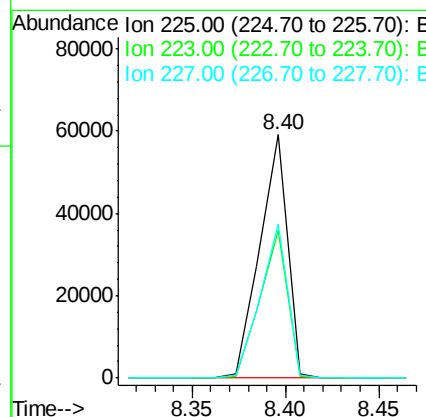
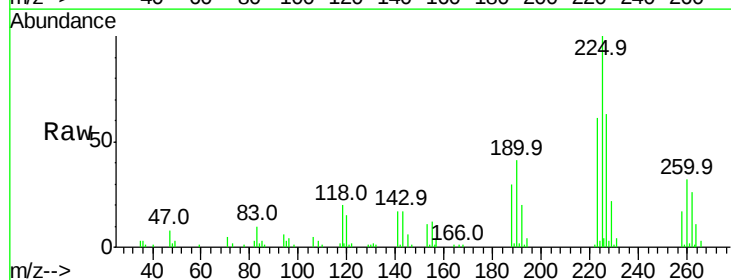
RT: 8.40 min Scan# 552

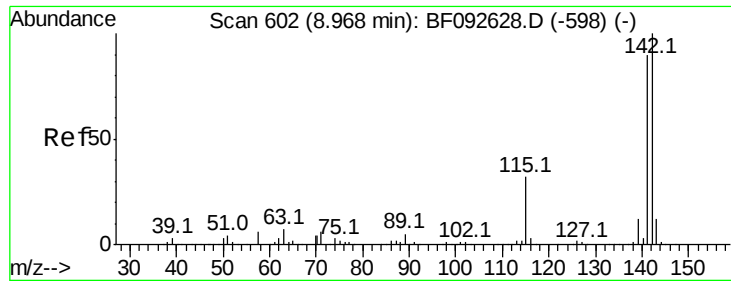
Delta R.T. -0.00 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Tgt Ion:	225	Resp:	60476
Ion Ratio	Lower	Upper	
225	100		
223	60.7	51.0	76.6
227	63.2	50.6	76.0





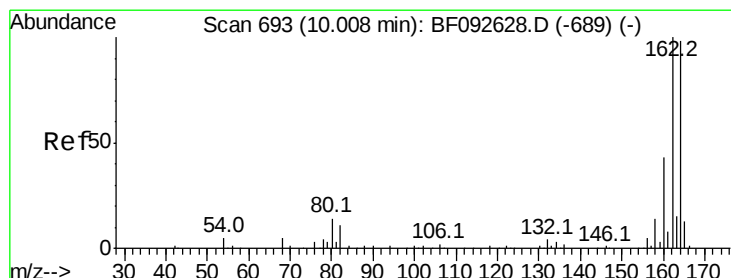
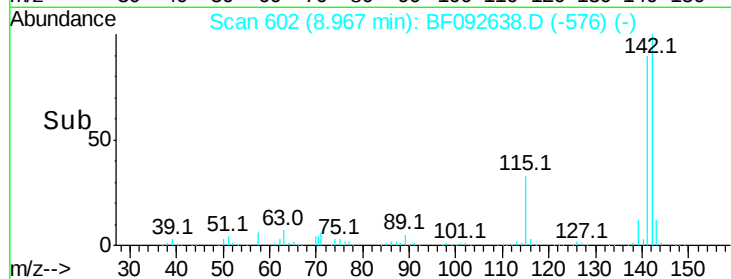
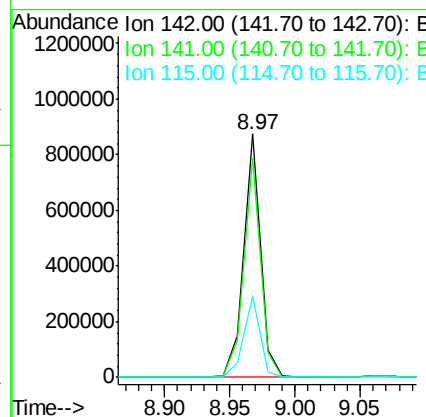
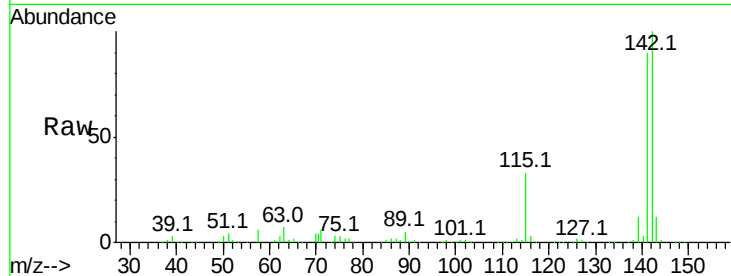
#37
2-Methylnaphthalene
Concen: 36.15 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Instrument :
BNA_F
ClientSampleID :
0024DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	33.2	28.3	42.5

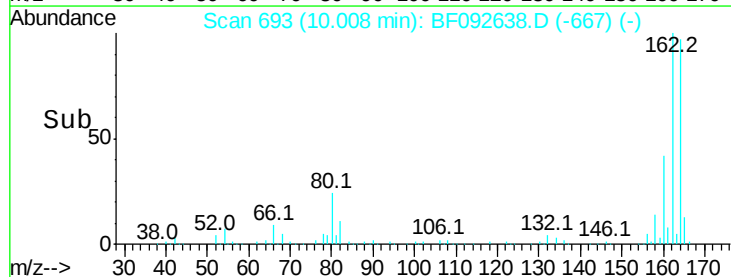
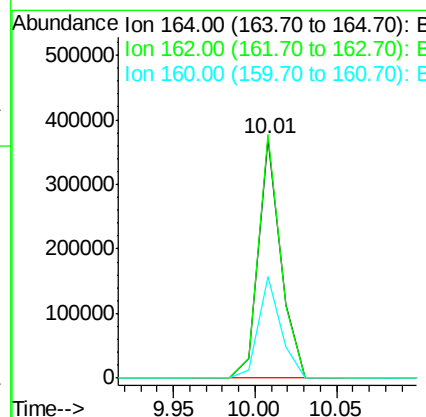
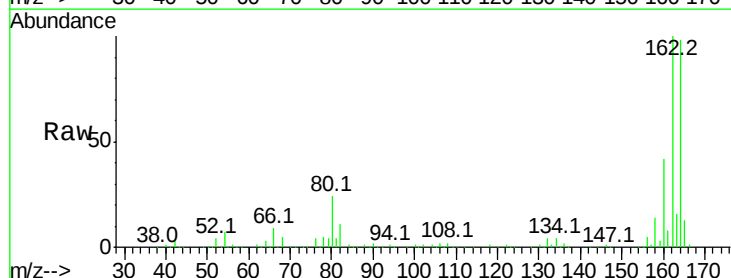
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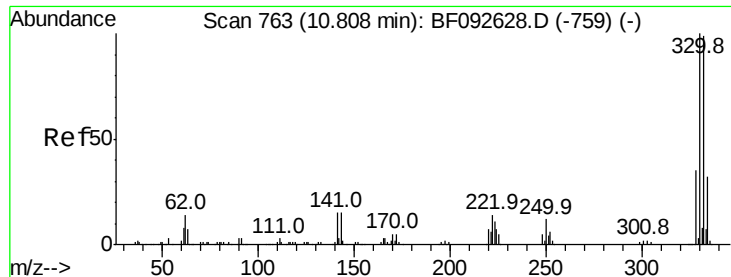
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	42.4	36.9	55.3





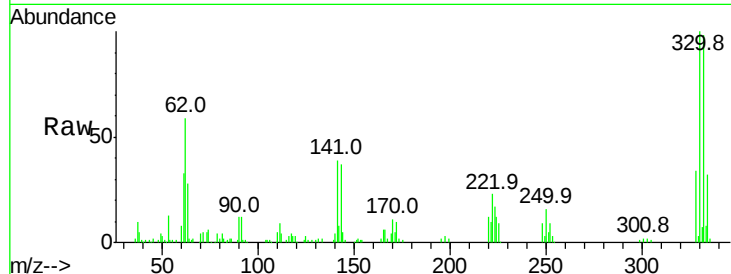
#41
 2,4,6-Tribromophenol
 Concen: 29.51 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

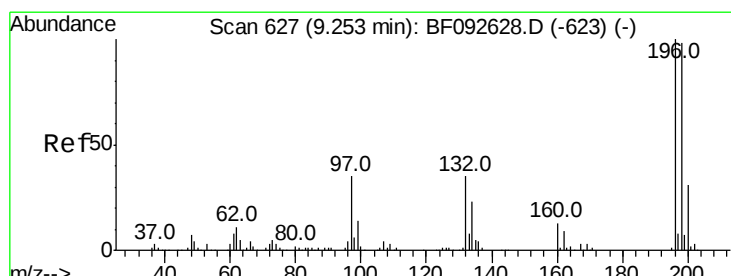
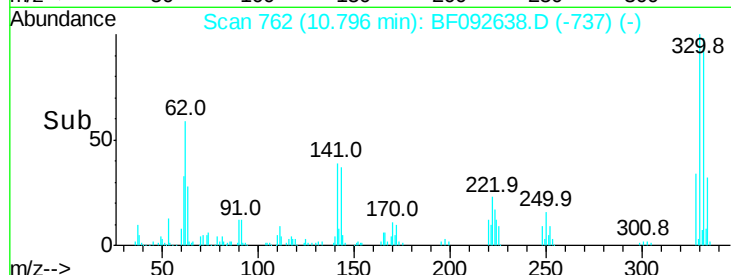
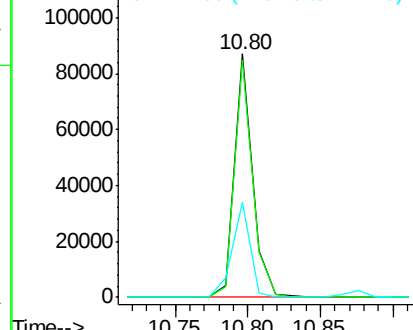
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	38.6	34.1	51.1

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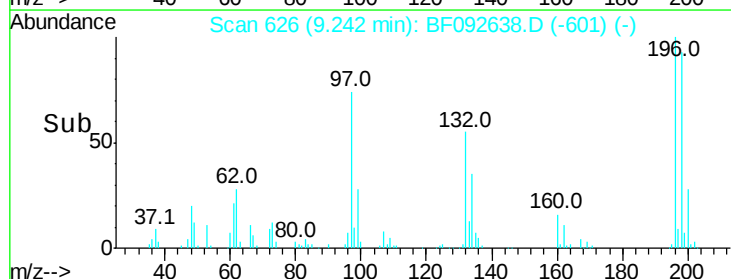
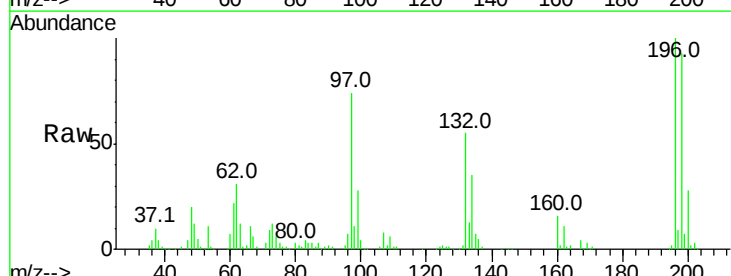
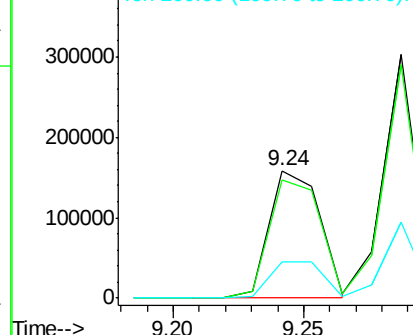
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

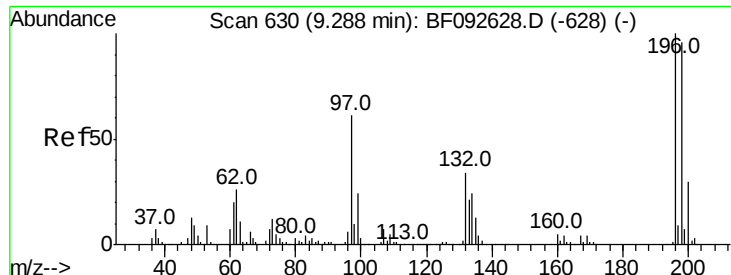


#42
 2,4,6-Trichlorophenol
 Concen: 32.78 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	82.1	123.1
200	28.2	27.0	40.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





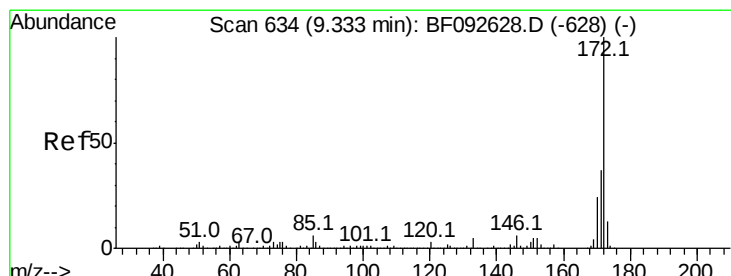
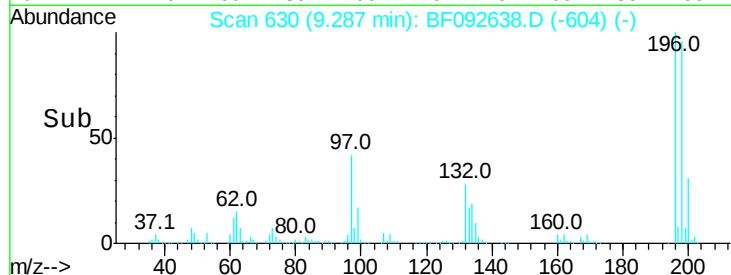
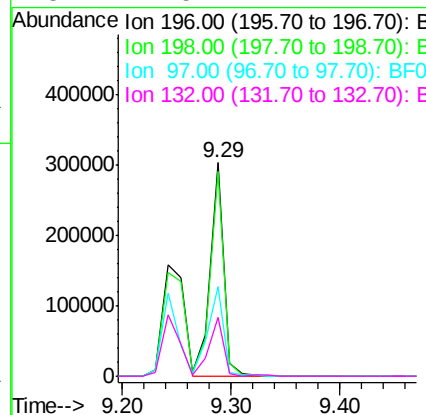
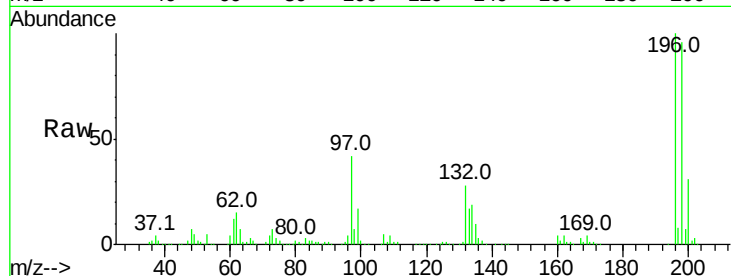
#43
 2,4,5-Trichlorophenol
 Concen: 37.01 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

Tot Ion:	196	Resp:	264333
Ion Ratio	Lower	Upper	
196	100		
198	95.8	79.4	119.2
97	42.2	51.5	77.3#
132	27.5	27.4	41.2

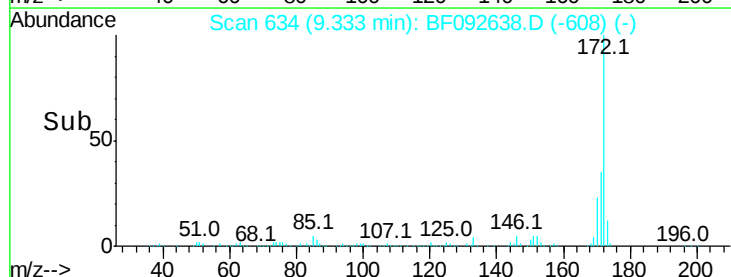
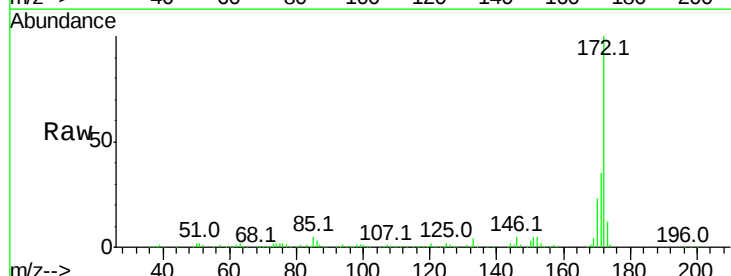
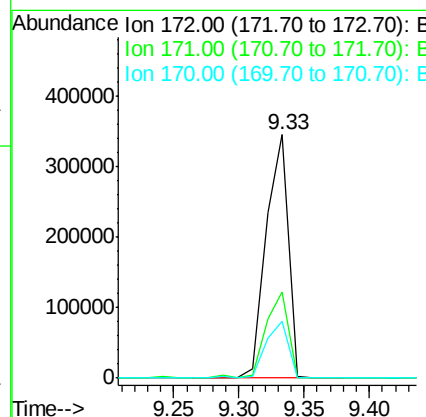
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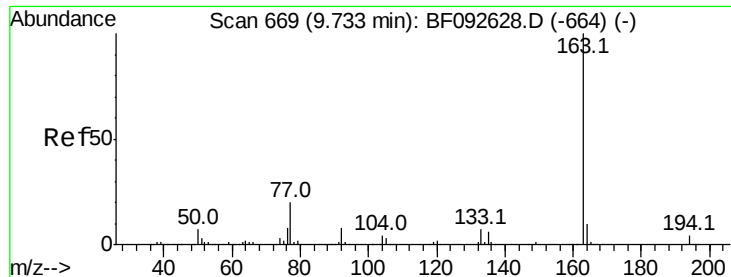
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#44
 2-Fluorobiphenyl
 Concen: 21.01 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Tgt Ion:	172	Resp:	409862
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.4	44.0
170	23.3	20.2	30.4





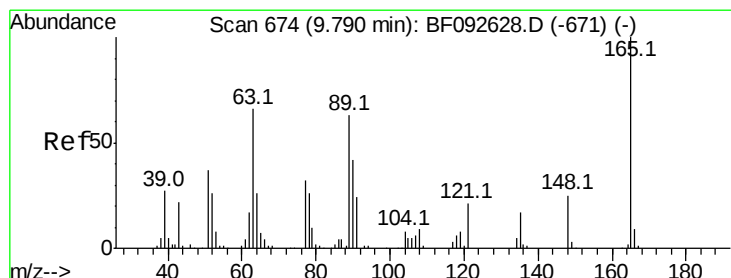
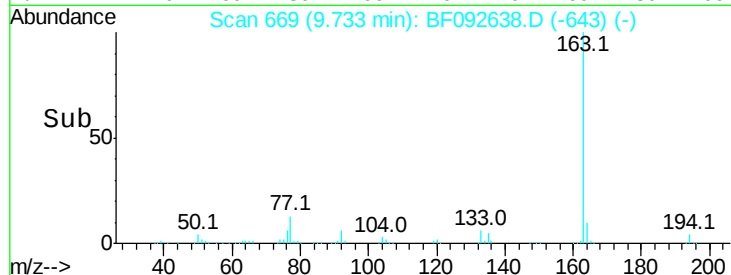
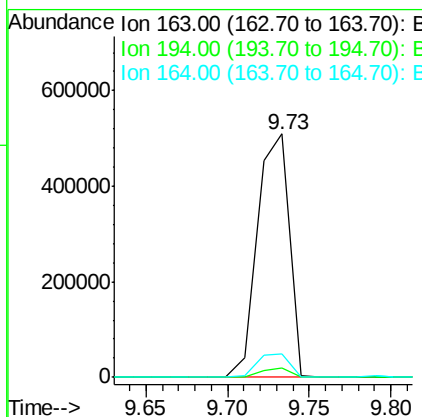
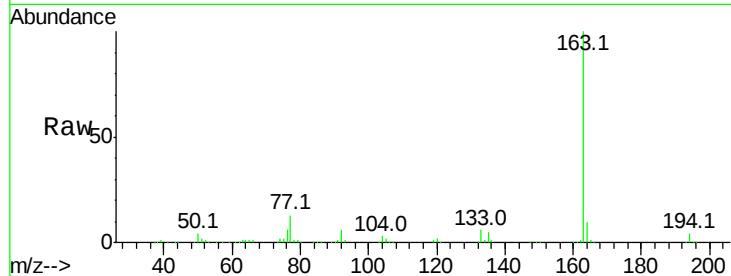
#49
Dimethylphthalate
Concen: 29.10 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Instrument :
BNA_F
ClientSampleId :
0024DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	692721		
194	4.0		3.0	4.4
164	9.5		8.0	12.0

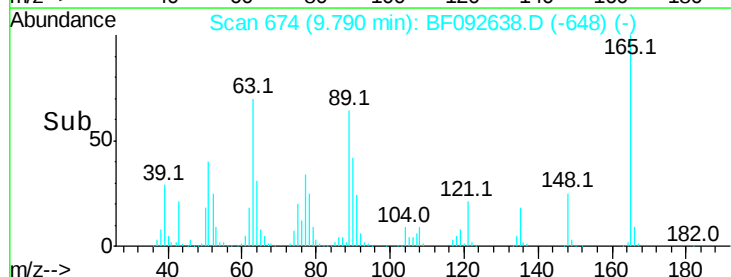
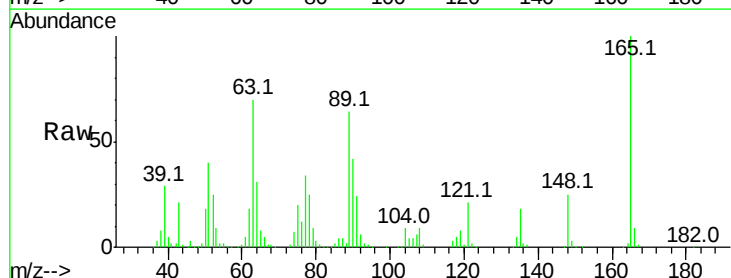
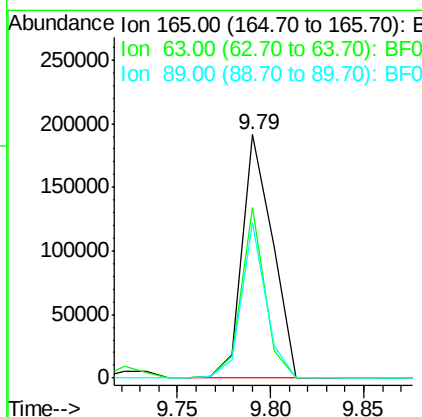
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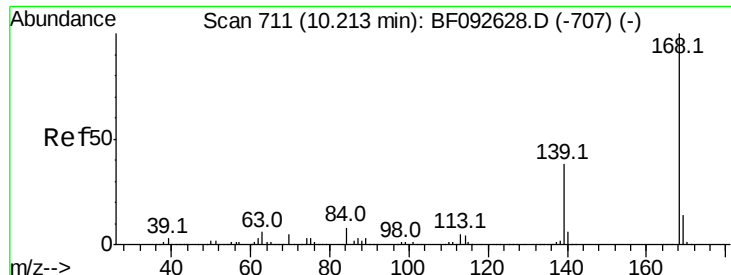
mohammad
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#50
2,6-Dinitrotoluene
Concen: 41.93 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	215567		
63	70.3		36.2	54.4#
89	63.6		40.2	60.4#





#54

Dibenzenofuran

Concen: 37.37 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Instrument :

BNA_F

ClientSampleId :

0024DL

Tot Ion:168 Resp: 1033428

Ion Ratio Lower Upper

168 100

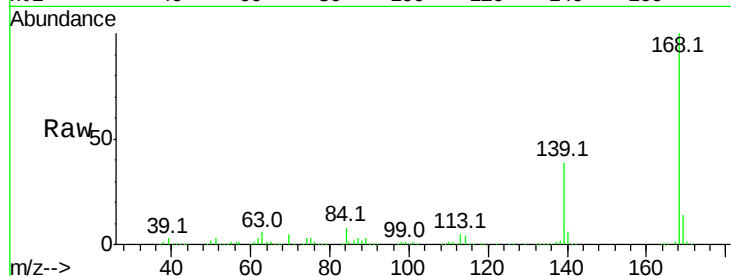
139 38.9 32.6 49.0

169 14.0 11.3 16.9

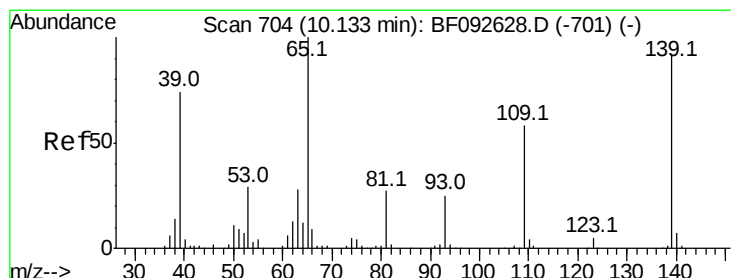
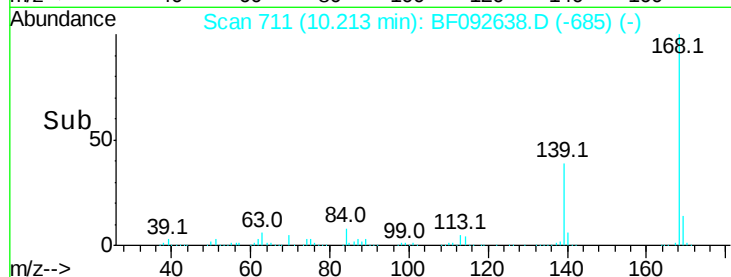
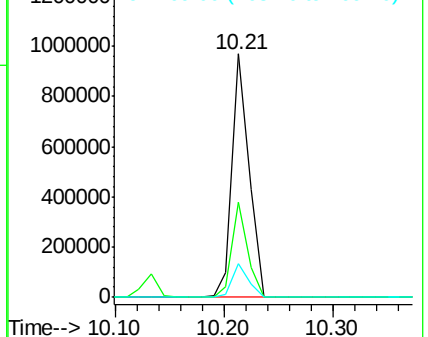
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 21.71 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

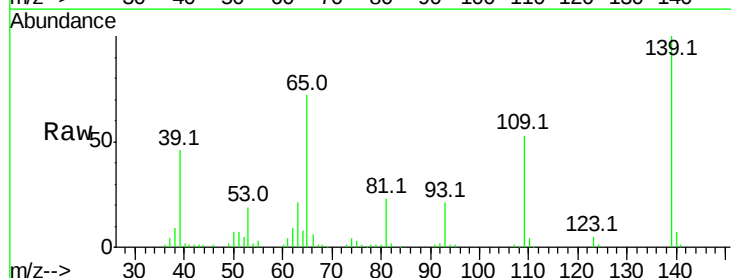
Tgt Ion:139 Resp: 92000

Ion Ratio Lower Upper

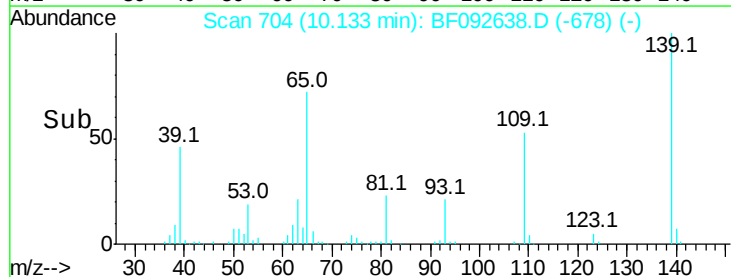
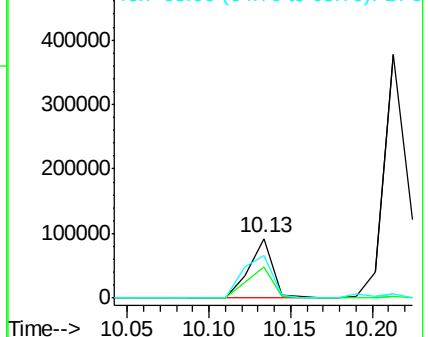
139 100

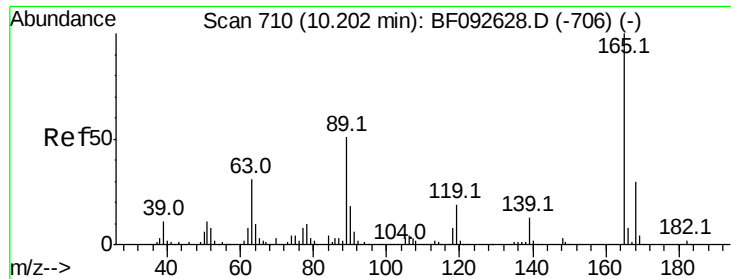
109 53.3 52.2 92.2

65 72.4 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





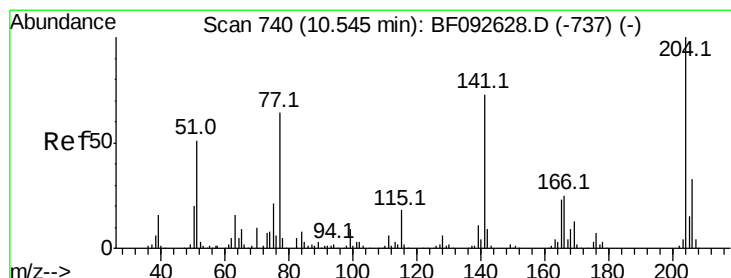
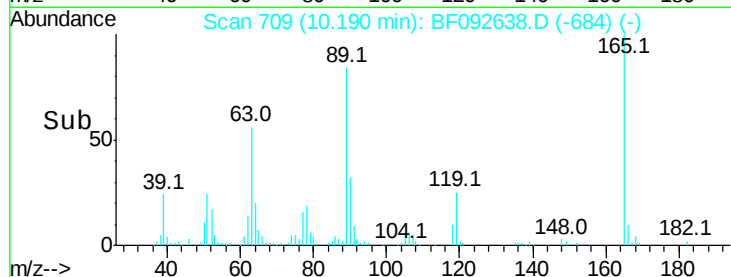
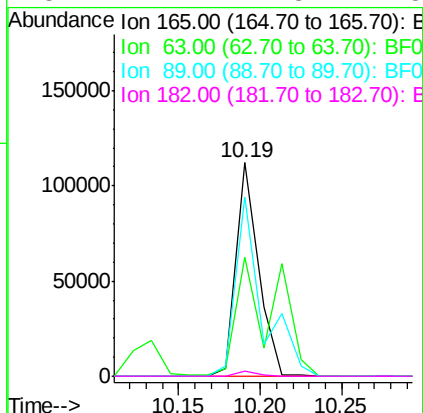
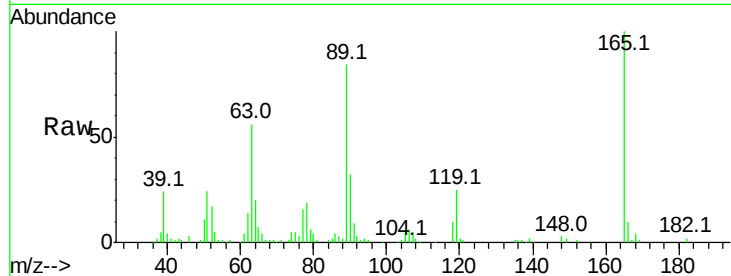
#56
 2,4-Dinitrotoluene
 Concen: 15.47 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

Tot Ion	Ratio	Resp	Lower	Upper
165	100	105876		
63	55.8	40.2	60.4	
89	84.2	62.5	93.7	
182	2.2	1.8	2.8	

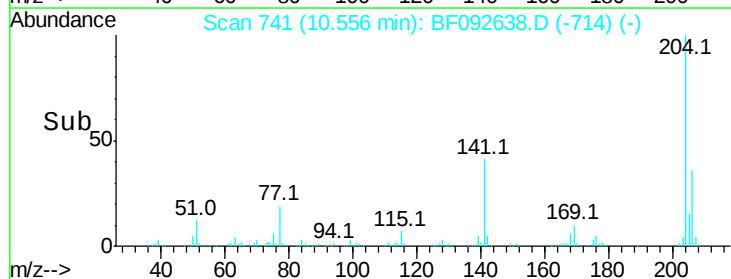
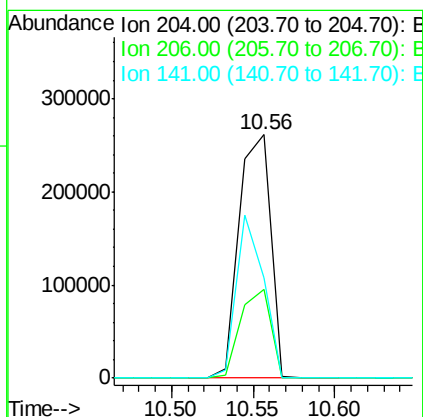
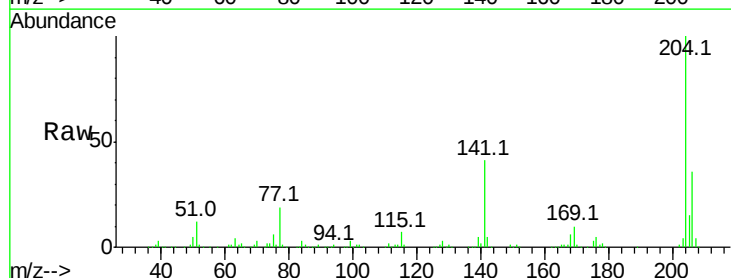
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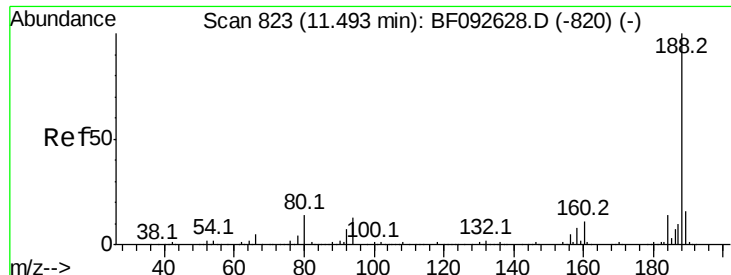
mohammad
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#60
 4-Chlorophenyl-phenylether
 Concen: 34.10 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.01 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	348528		
206	36.3	25.8	38.6	
141	41.1	59.4	89.0#	





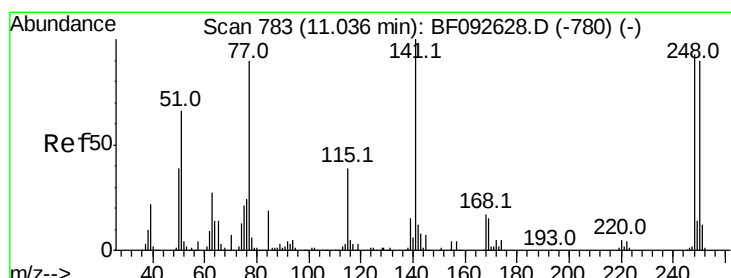
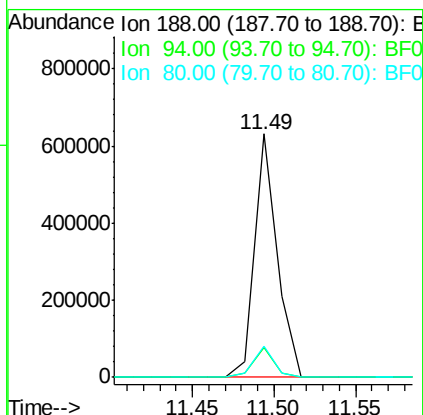
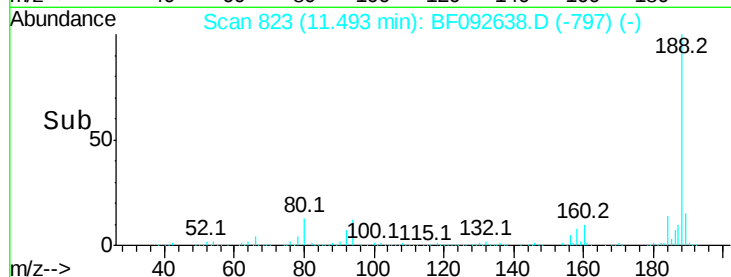
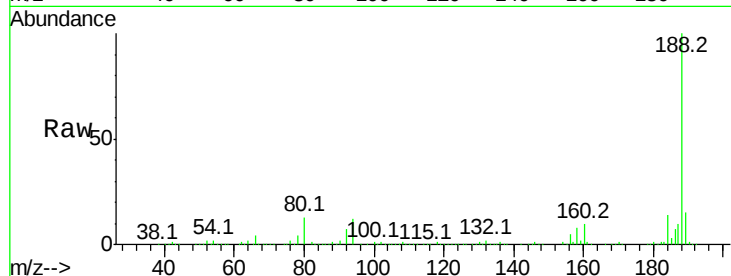
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Instrument :
BNA_F
ClientSampleId :
0024DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	608580		
94	12.1	10.0	15.0	
80	13.1	11.2	16.8	

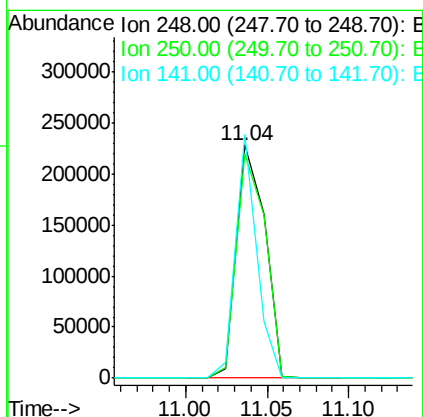
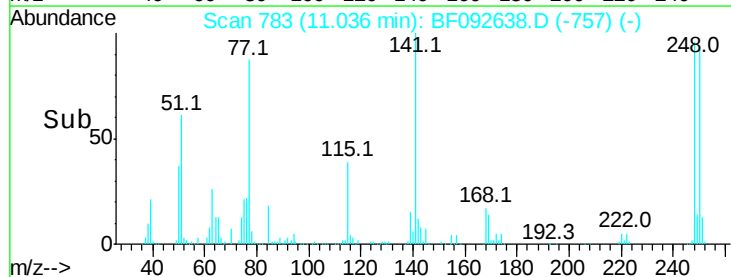
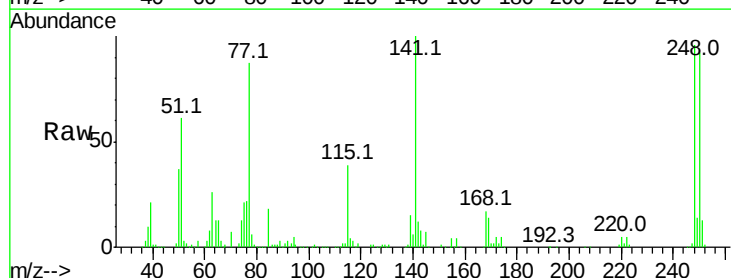
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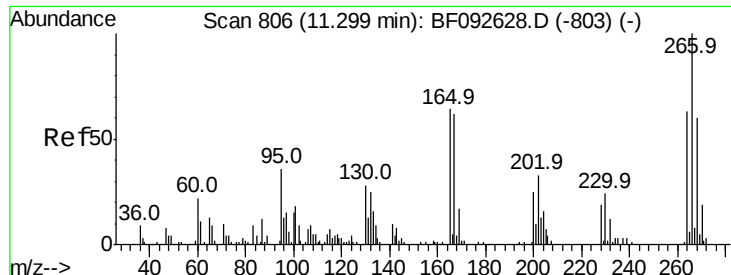
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 43.29 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	275262		
250	96.3	76.9	115.3	
141	104.4	68.2	102.4#	





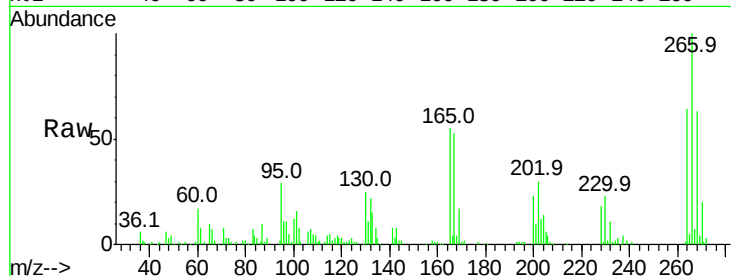
#69
 Pentachlorophenol
 Concen: 37.69 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

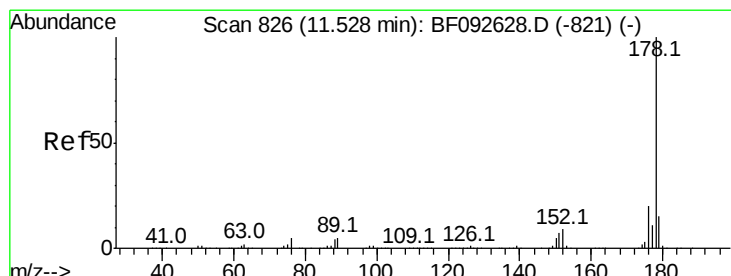
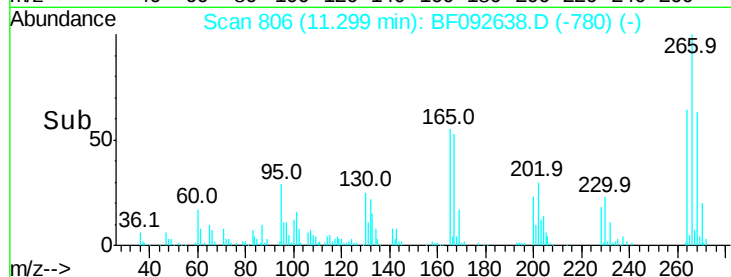
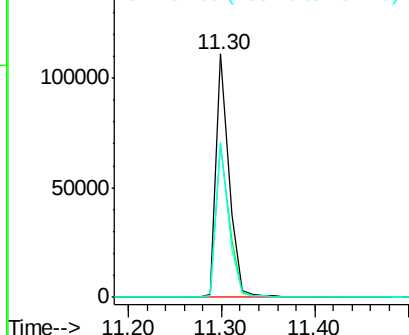
Tot Ion	Ratio	Resp	Lower	Upper
266	100	108657		
268	62.8		53.3	79.9
264	63.6		50.3	75.5

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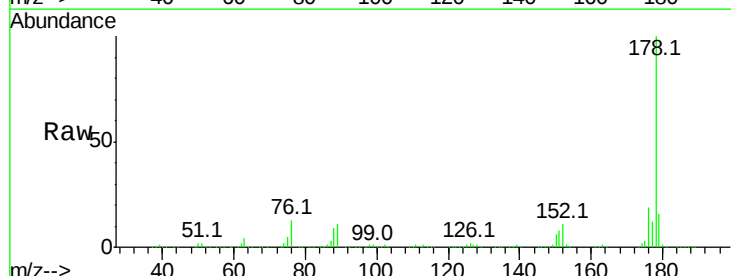


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

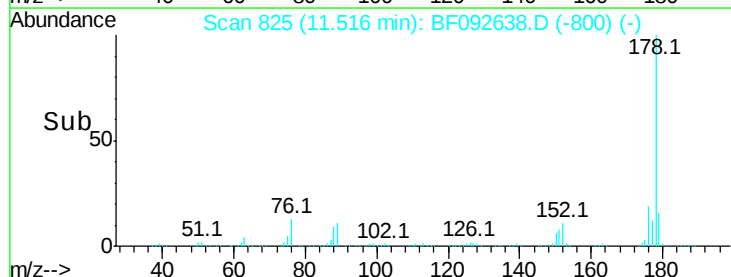
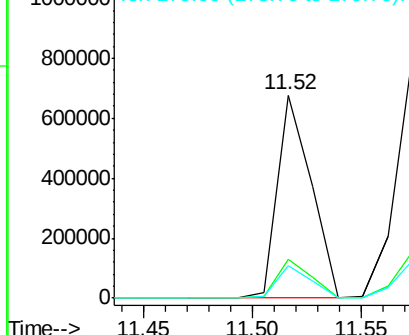


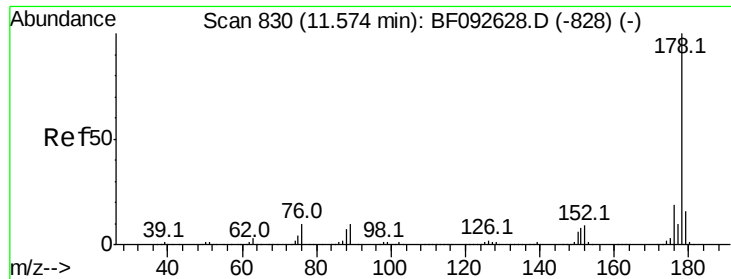
#70
 Phenanthrene
 Concen: 21.08 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	735017		
176	19.4		16.6	25.0
179	15.9		12.8	19.2



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





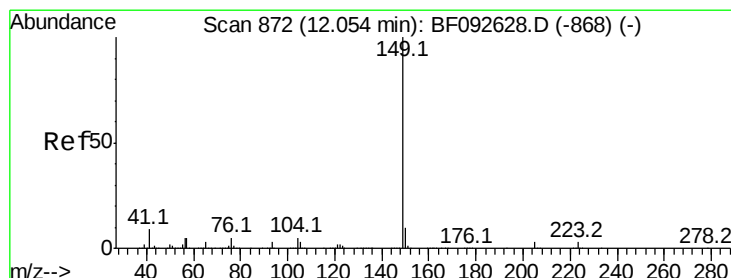
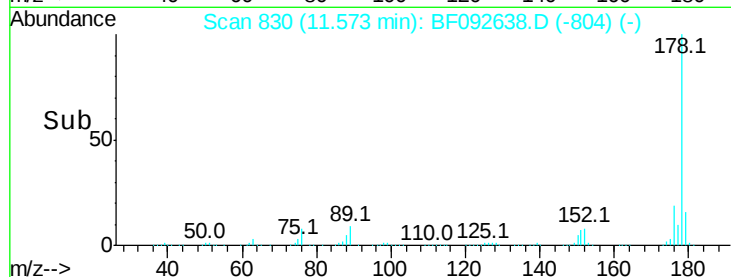
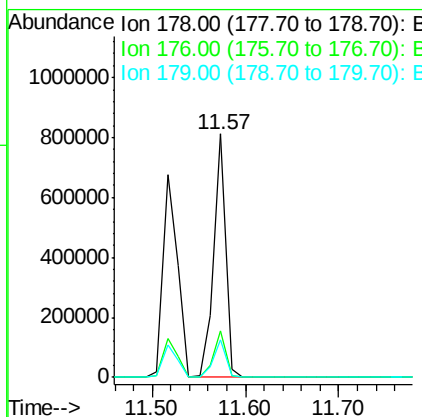
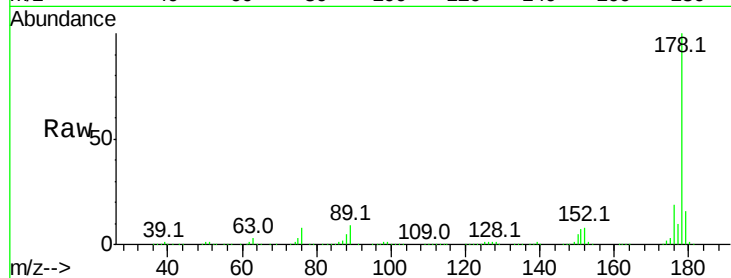
#71
 Anthracene
 Concen: 20.78 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.5	13.2	19.8

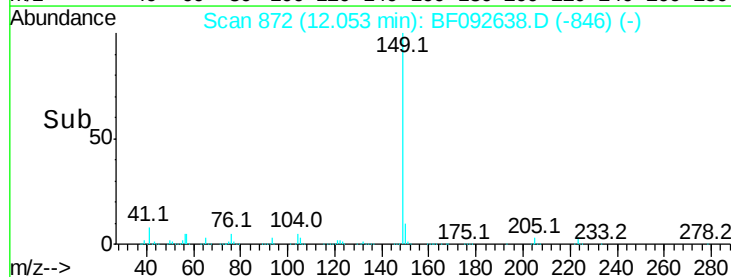
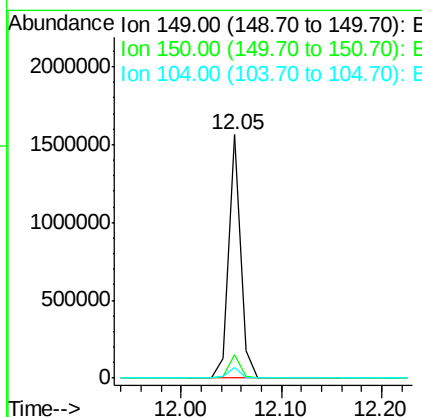
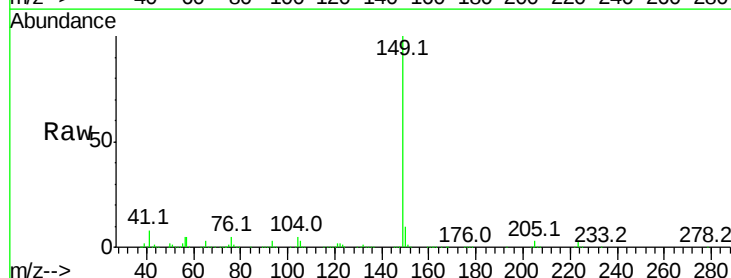
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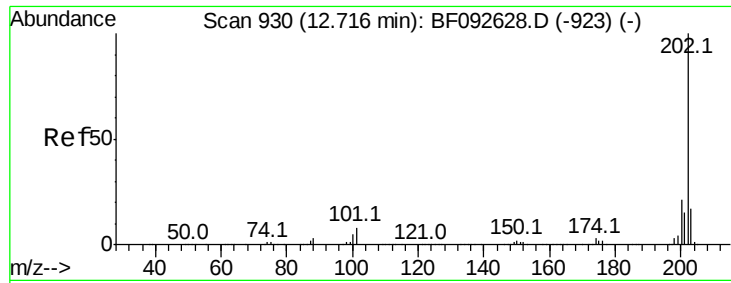
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#73
 Di-n-butylphthalate
 Concen: 35.41 ng
 RT: 12.05 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.6	4.6	7.0





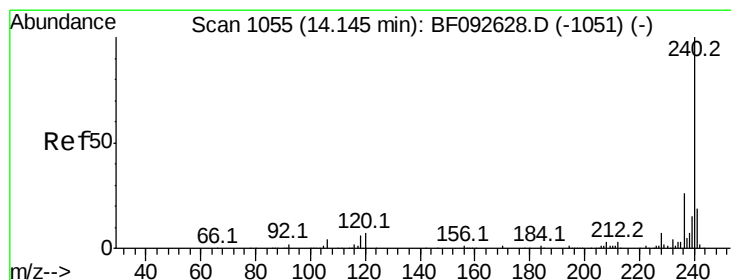
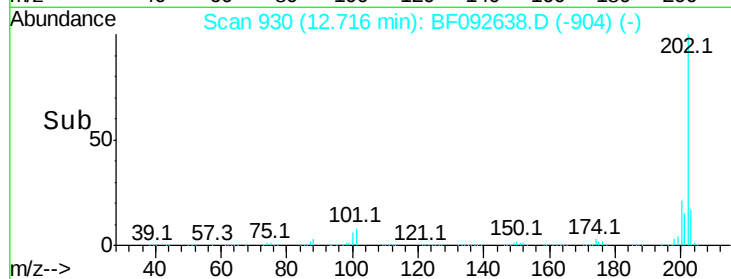
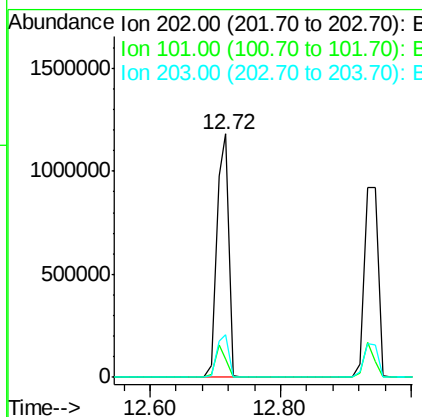
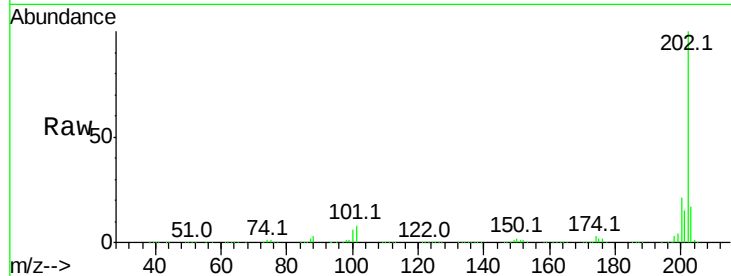
#74
Fluoranthene
 Concen: 42.77 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	34.6
203	17.3	0.0	38.7

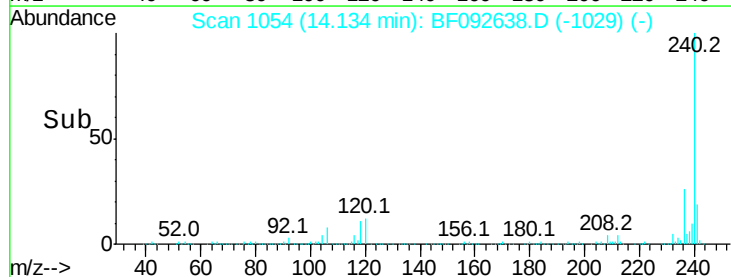
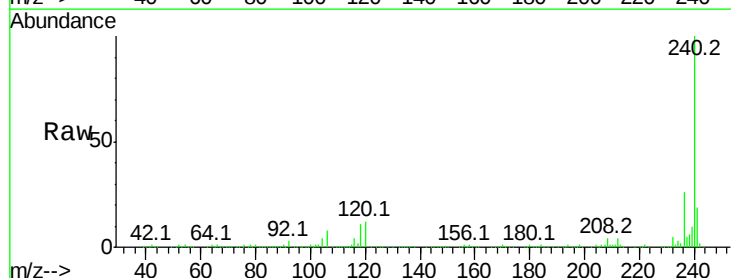
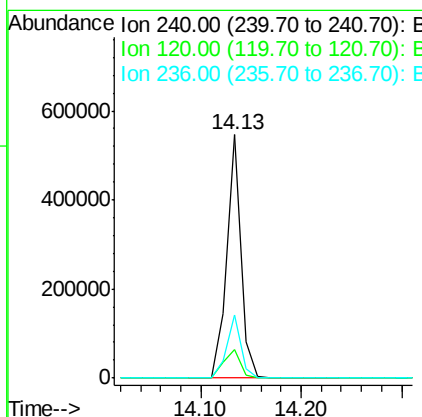
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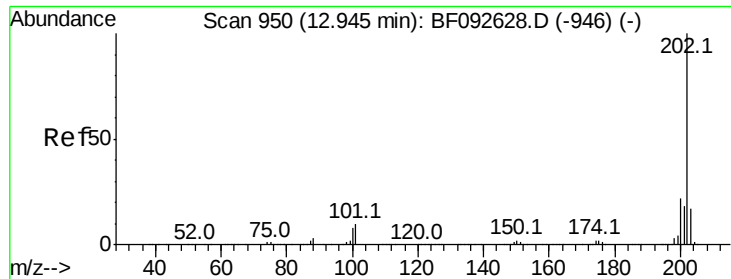
mohammad
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.9	19.3#
236	25.8	20.9	31.3





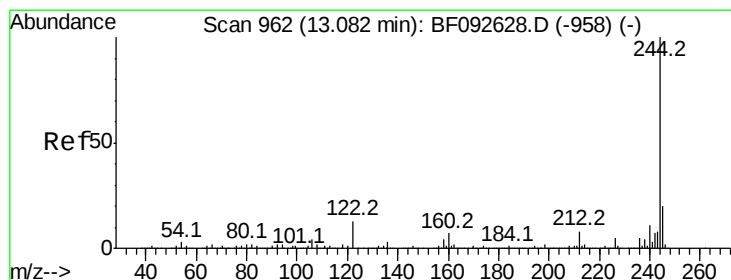
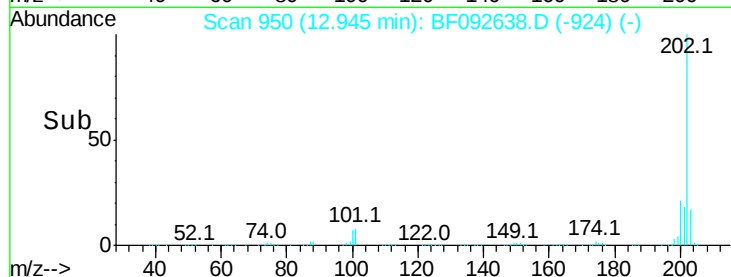
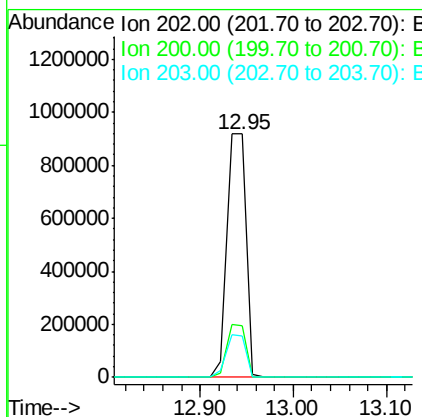
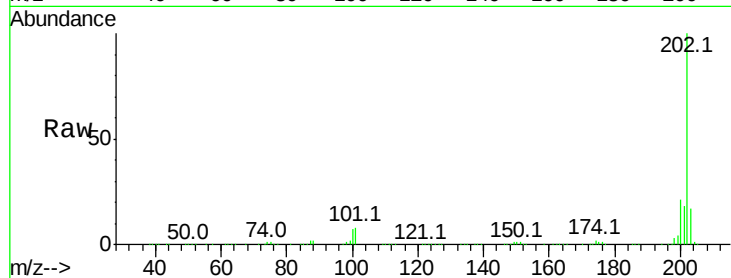
#77
Pvrene
Concen: 32.66 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Instrument :
BNA_F
ClientSampleId :
0024DL

Tot Ion:202 Resp: 1314149
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.1 14.7 22.1

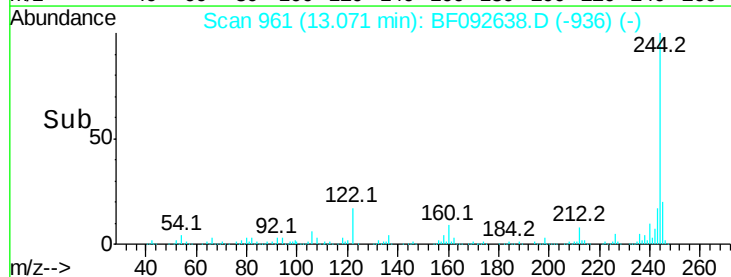
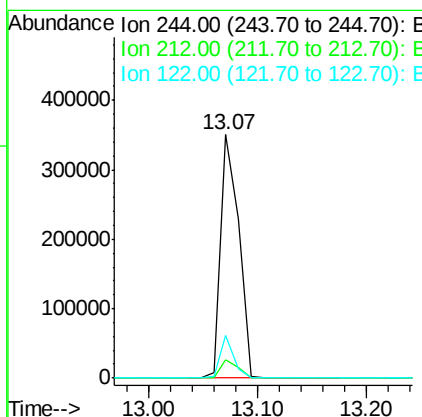
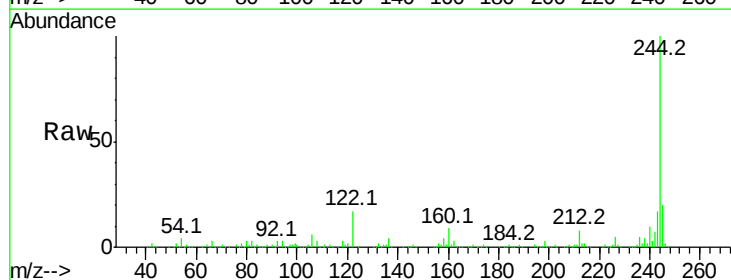
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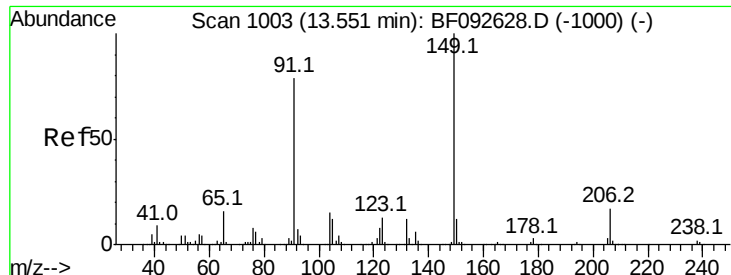
mohammad
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#78
Terphenyl-d14
Concen: 17.78 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion:244 Resp: 406743
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 17.3 11.4 17.2#





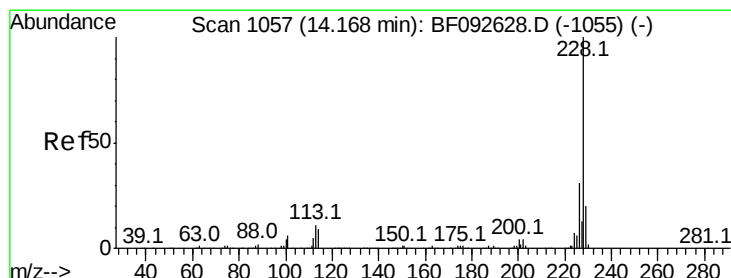
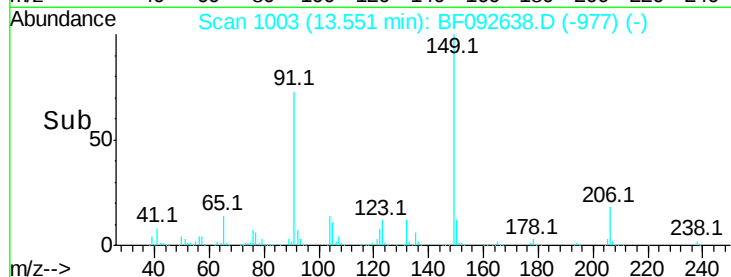
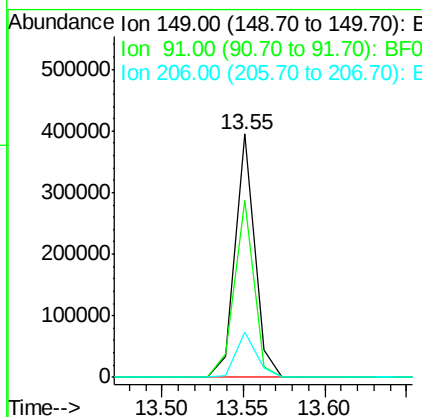
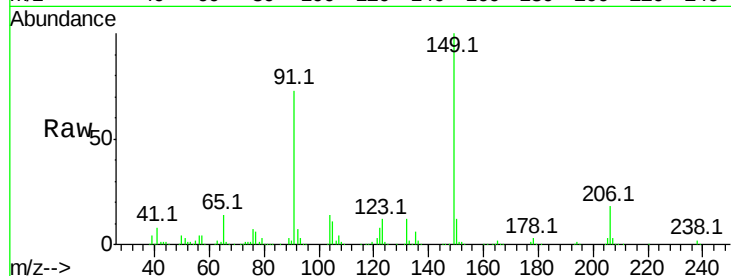
#79
Butylbenzylphthalate
Concen: 19.86 ng
RT: 13.55 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Instrument :
BNA_F
ClientSampleId :
0024DL

Tot Ion:	149	Resp:	324568
Ion Ratio	Lower	Upper	
149	100		
91	72.8	63.9	95.9
206	18.5	14.6	21.8

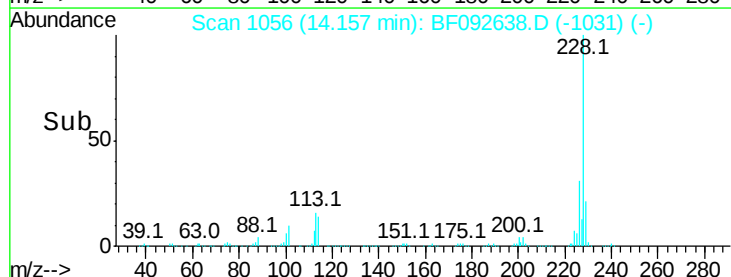
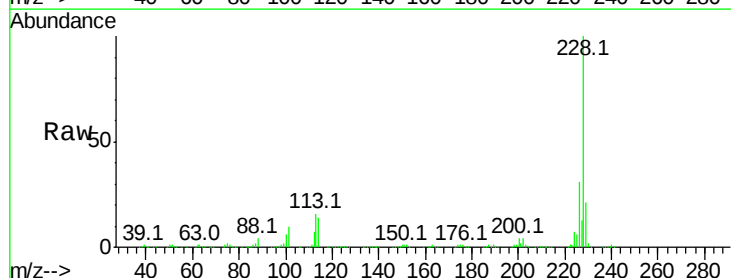
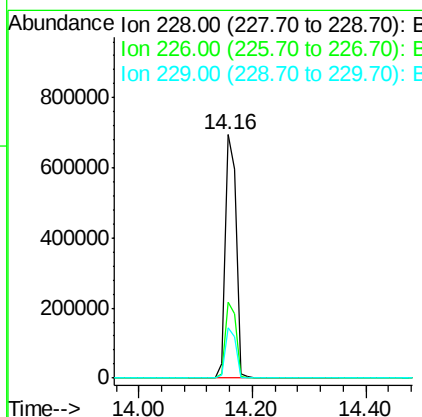
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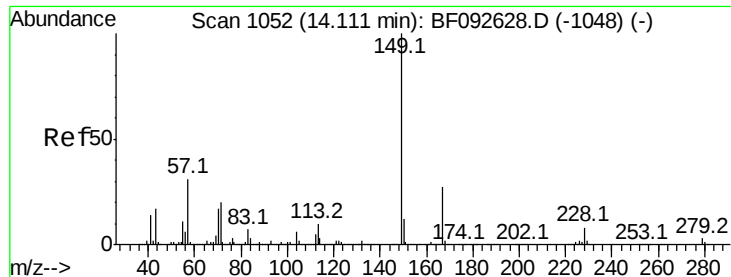
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#82
Chrysene
Concen: 30.37 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion:	228	Resp:	935206
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.4	38.0
229	20.5	16.2	24.2





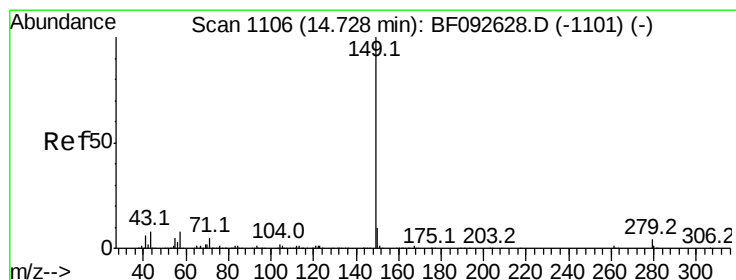
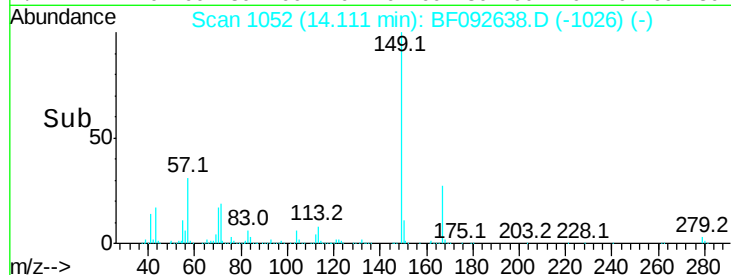
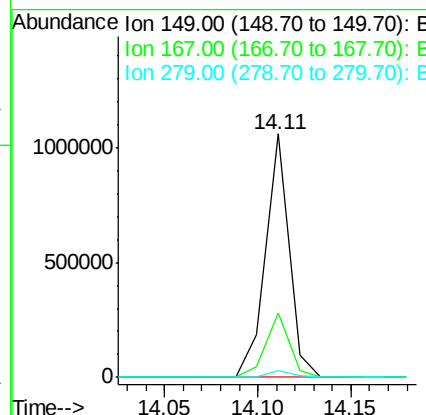
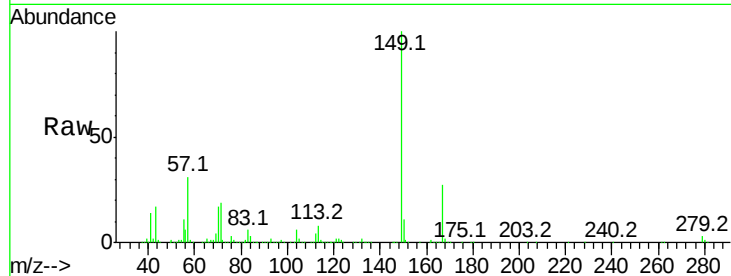
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.25 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 0024DL

Tot Ion	Ratio	Resp	Lower	Upper
149	100	921690		
167	26.7	20.2	30.4	
279	2.8	1.8	2.8#	

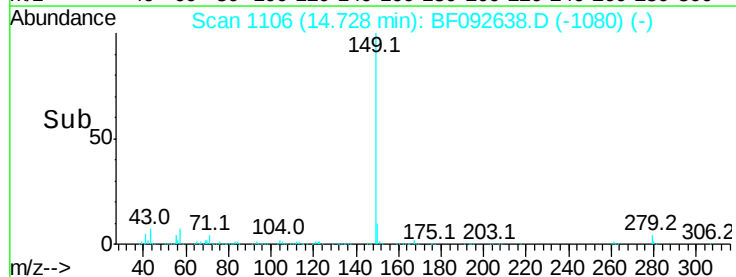
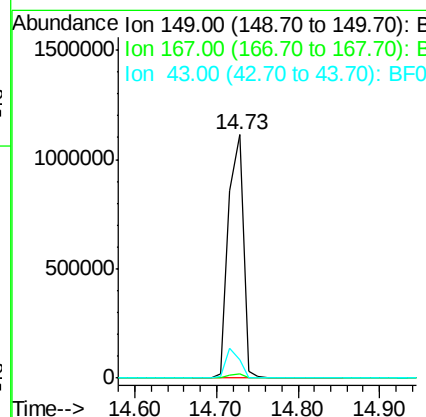
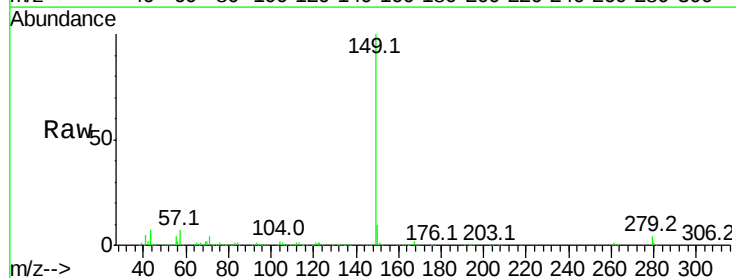
Manual Integrations
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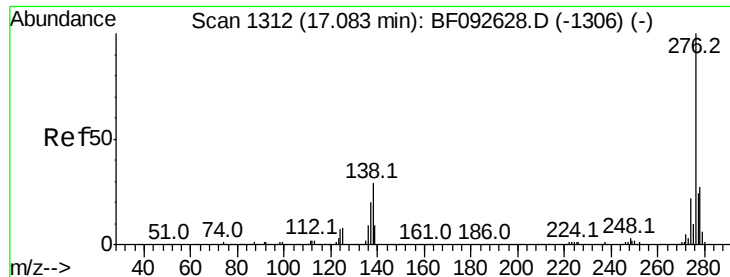
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 38.36 ng
 RT: 14.73 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF092638.D
 Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1395778		
167	1.5	1.3	1.9	
43	11.1	8.9	13.3	





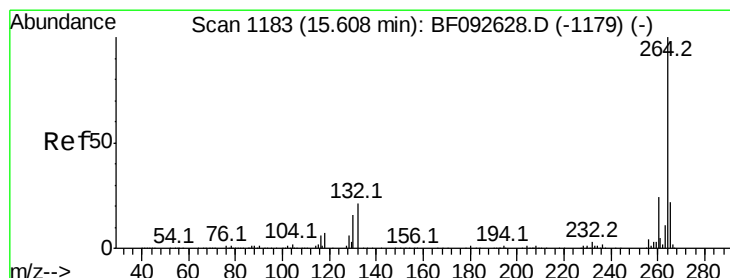
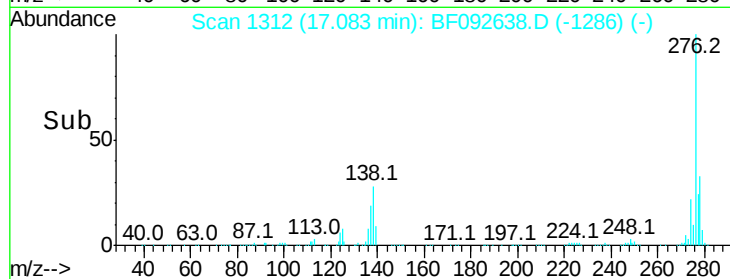
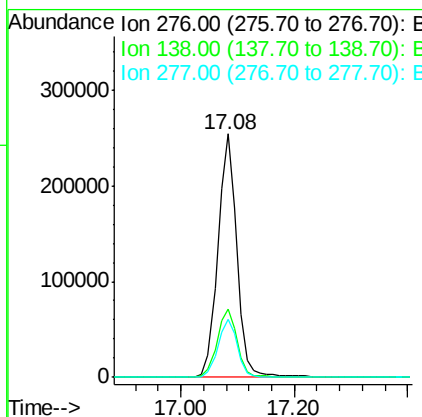
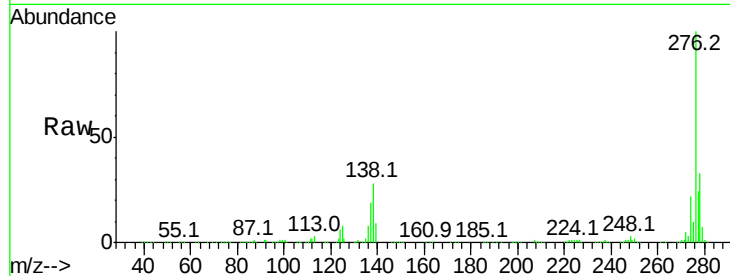
#85
Indeno(1,2,3-cd)pyrene
Concen: 24.67 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Instrument :
BNA_F
ClientSampleId :
0024DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.8	32.6
277	24.4	20.2	30.4

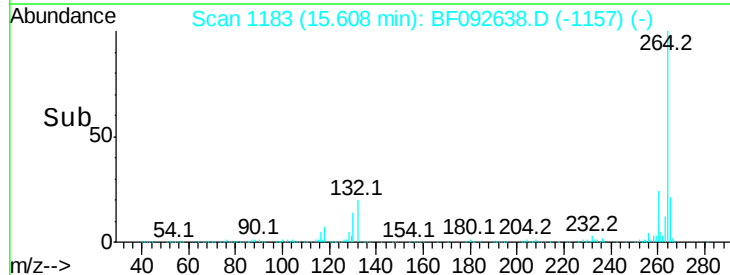
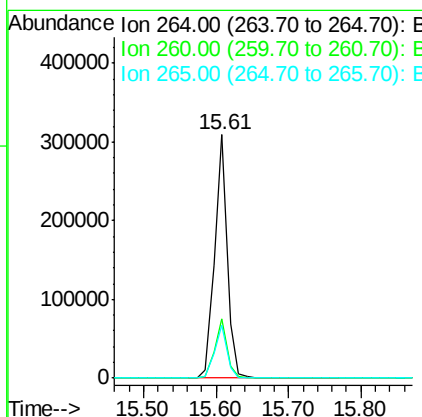
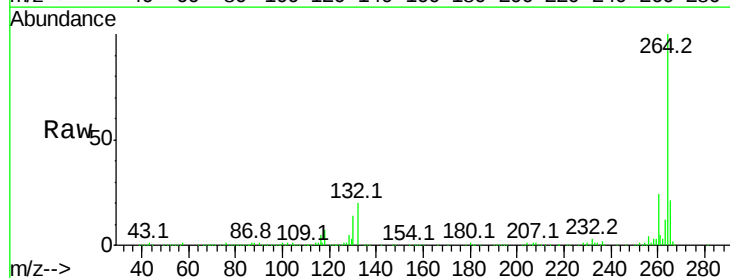
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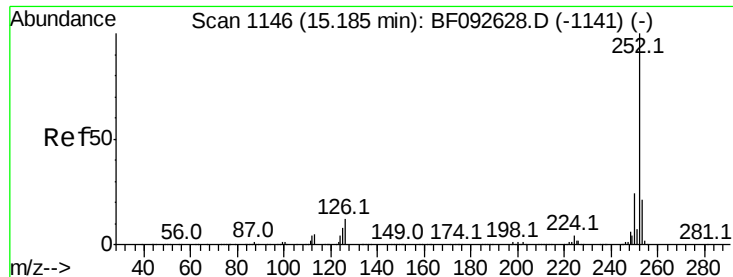
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 49.62 ng m

RT: 15.19 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Instrument :

BNA_F

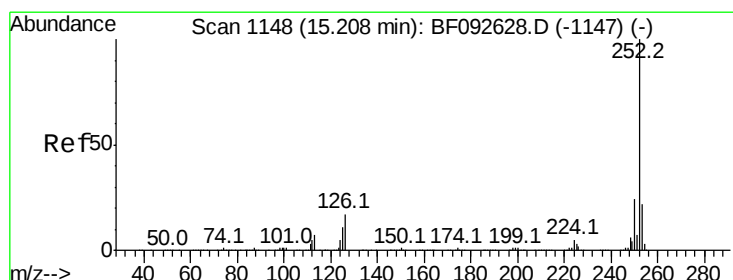
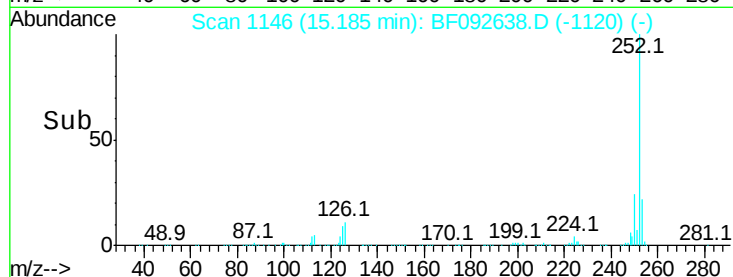
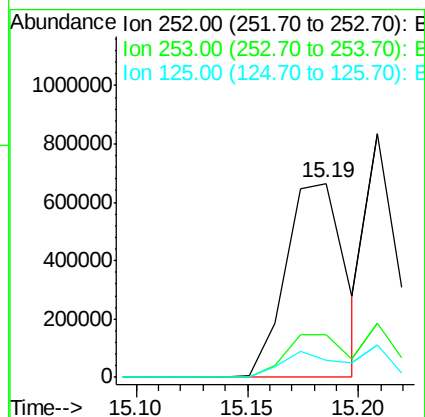
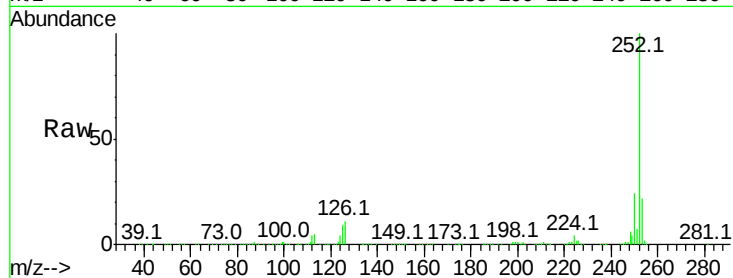
ClientSampled :

0024DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	8.7	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 38.25 ng m

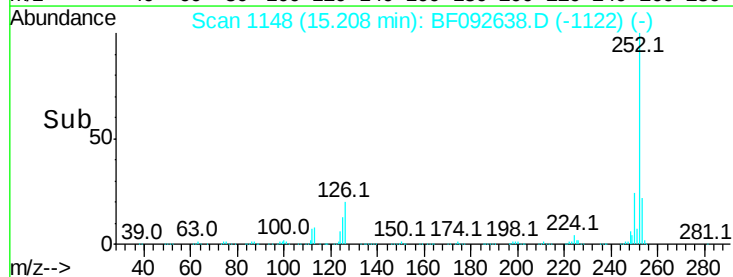
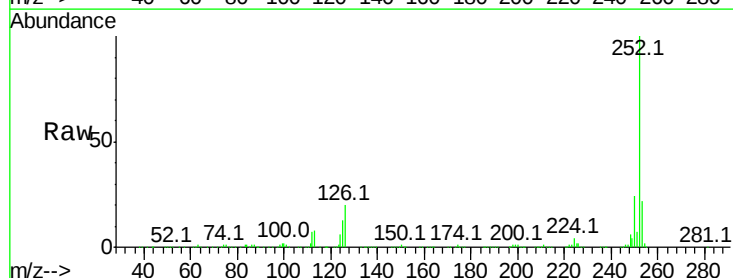
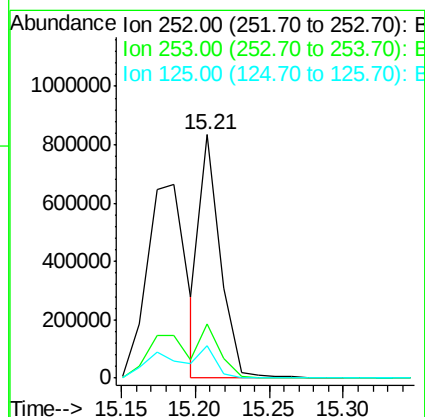
RT: 15.21 min Scan# 1148

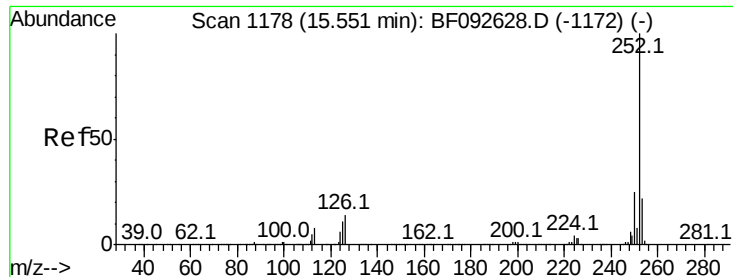
Delta R.T. -0.00 min

Lab File: BF092638.D

Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	13.4	8.9	13.3





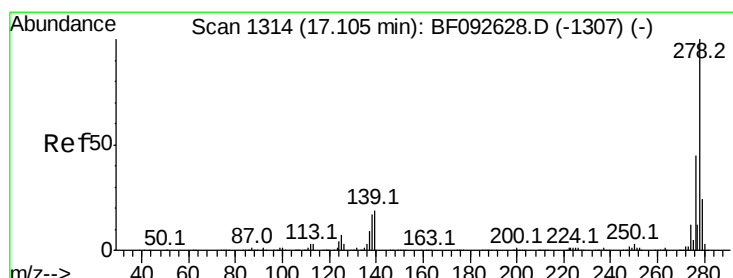
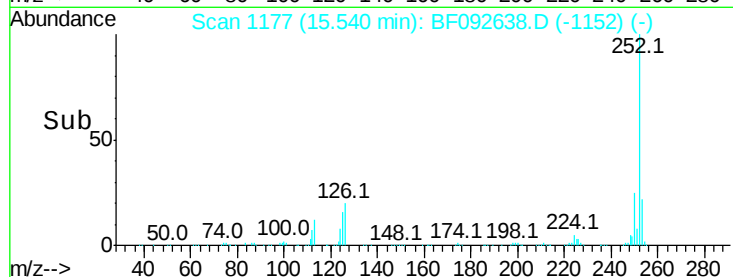
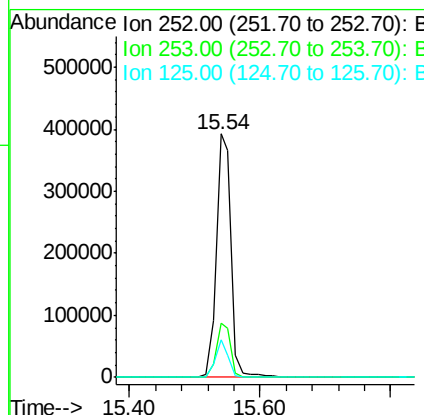
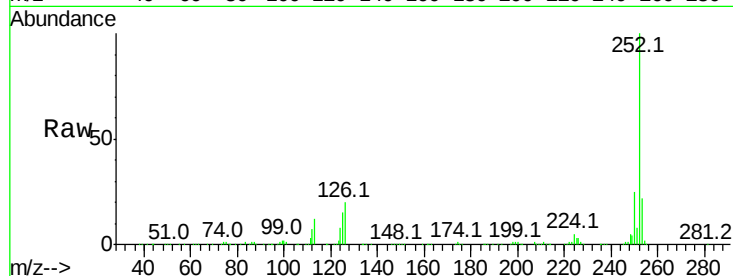
#89
Benzo(a)pyrene
Concen: 29.27 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Instrument :
BNA_F
ClientSampleId :
0024DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	15.5	10.0	15.0#

Manual Integrations
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#90
Dibenzo(a,h)anthracene
Concen: 19.26 ng
RT: 17.09 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF092638.D
Acq: 30 Jan 2017 17:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.8	22.2
279	23.2	19.8	29.6

