

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
 Data File : BF094980.D
 Acq On : 8 May 2017 14:56
 Operator : SJ/MA
 Sample : I2872-15DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Manual Integrations
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 5/9/2017 5:02:18 PM

Quant Time: May 31 13:49:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	109171	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	385045	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	179520	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	318810	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	289918	20.00	ng	-0.01
86) Perylene-d12	20.31	264	245825	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	148373	22.66	ng	0.00
7) Phenol-d6	7.25	99	194483	24.75	ng	-0.03
23) Nitrobenzene-d5	8.61	82	98728	16.17	ng	-0.03
41) 2,4,6-Tribromophenol	13.86	330	36267	24.67	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	224655	18.01	ng	-0.02
78) Terphenyl-d14	17.29	244	200601	15.24	ng	-0.02

Target Compounds					Qvalue
8) 2-Chlorophenol	7.40	128	219212	29.41 ng	91
10) Phenol	7.27	94	289107	34.92 ng	91
11) bis(2-Chloroethyl)ether	7.34	93	279141	40.84 ng	96
12) 1,3-Dichlorobenzene	7.62	146	375430	44.41 ng	99
13) 1,4-Dichlorobenzene	7.74	146	320147	37.34 ng	97
14) 1,2-Dichlorobenzene	7.97	146	134334	16.79 ng	97
24) Nitrobenzene	8.64	77	263842	41.22 ng	94
29) 2,4-Dichlorophenol	9.57	162	235673	44.70 ng	98
36) 4-Chloro-3-methylphenol	10.74	107	205281	36.42 ng	91
43) 2,4,5-Trichlorophenol	11.47	196	121317	30.62 ng	93
46) 2-Chloronaphthalene	11.67	162	395961	32.44 ng	94
48) Acenaphthylene	12.33	152	511275	26.75 ng	98
49) Dimethylphthalate	12.20	163	246556	16.73 ng	97
51) Acenaphthene	12.61	154	182644	16.00 ng	98
55) 4-Nitrophenol	12.97	139	70004m	36.12 ng	
57) Fluorene	13.46	166	196215	14.28 ng	99
59) Diethylphthalate	13.35	149	525075	37.17 ng	100
67) Hexachlorobenzene	14.35	284	170182	49.30 ng	# 89
70) Phenanthrene	15.00	178	286429	15.64 ng	97
73) Di-n-butylphthalate	15.94	149	979959	46.16 ng	99
74) Fluoranthene	16.74	202	243028	12.93 ng	99
77) Pyrene	17.05	202	282232	13.02 ng	99
79) Butylbenzylphthalate	17.95	149	273846	27.15 ng	92
80) Benzo(a)anthracene	18.62	228	313542	18.58 ng	98
82) Chrysene	18.68	228	378187	23.18 ng	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	332495	23.14 ng	99
84) Di-n-octyl phthalate	19.47	149	332040	14.09 ng	96
85) Indeno(1,2,3-cd)pyrene	21.60	276	249126	18.80 ng	98
87) Benzo(b)fluoranthene	19.89	252	294949	19.42 ng	98
88) Benzo(k)fluoranthene	19.93	252	520437m	35.52 ng	
89) Benzo(a)pyrene	20.25	252	322303	22.99 ng	99
90) Dibenzo(a,h)anthracene	21.61	278	262899	22.71 ng	98

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Manual Integrations
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Quant Time: May 31 13:49:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

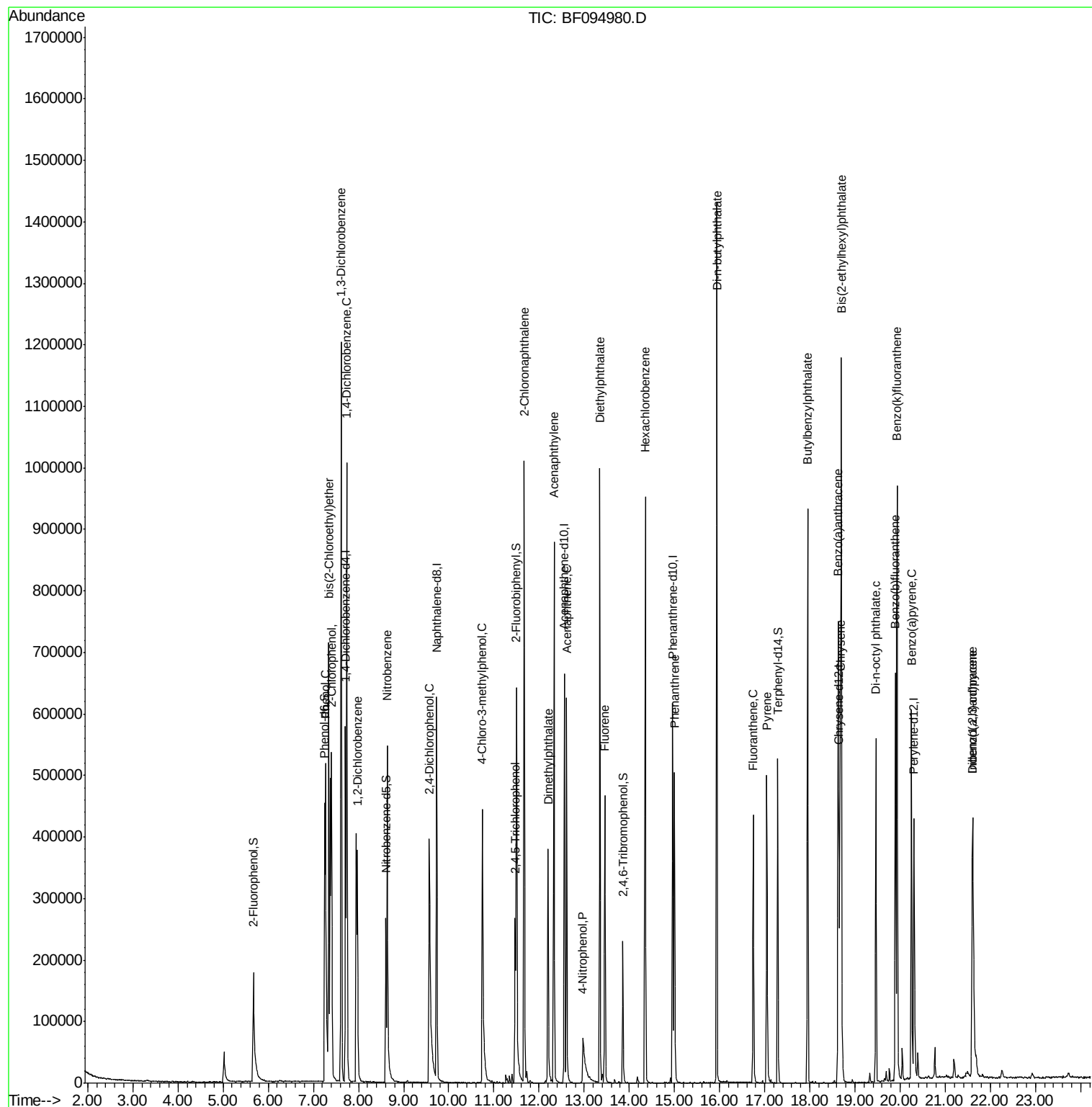
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050817\
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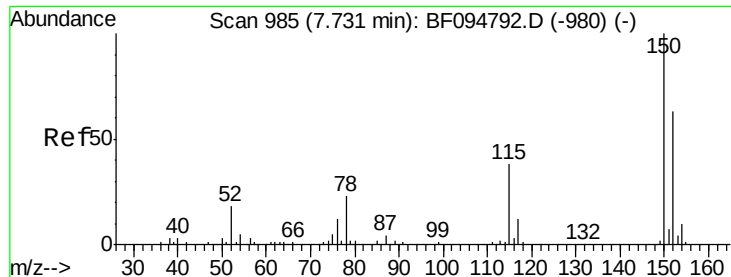
Instrument :
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#1

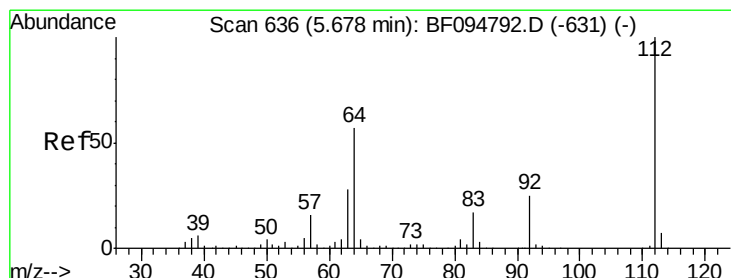
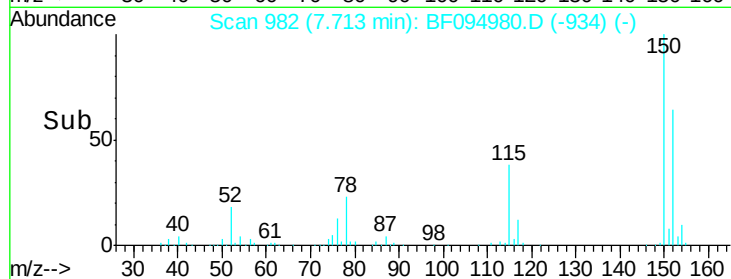
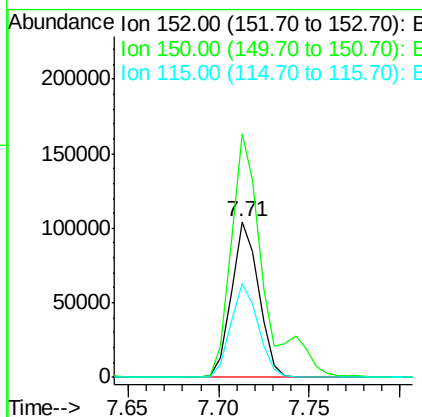
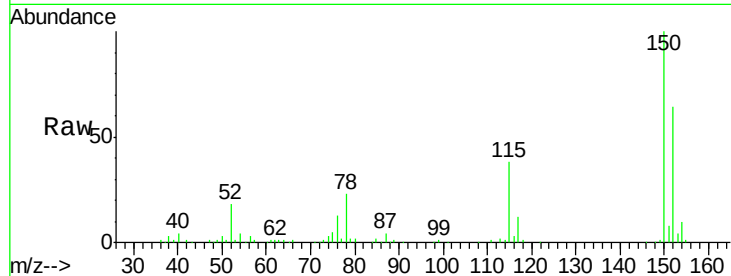
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	60.1	52.2	78.2

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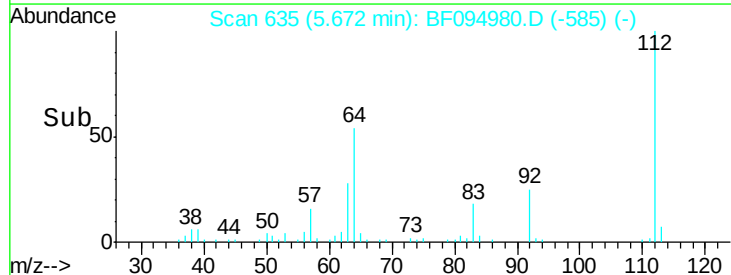
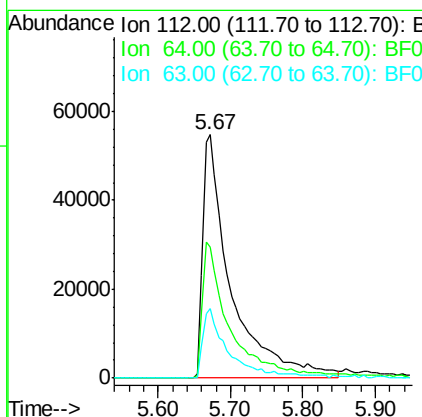
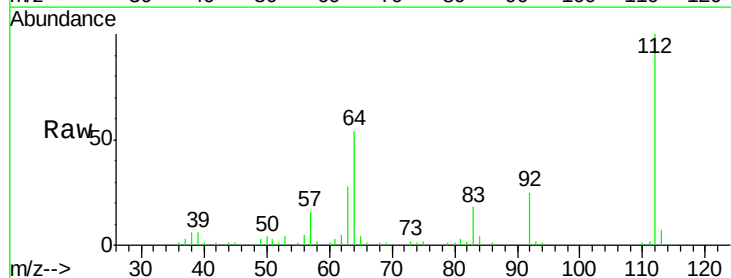
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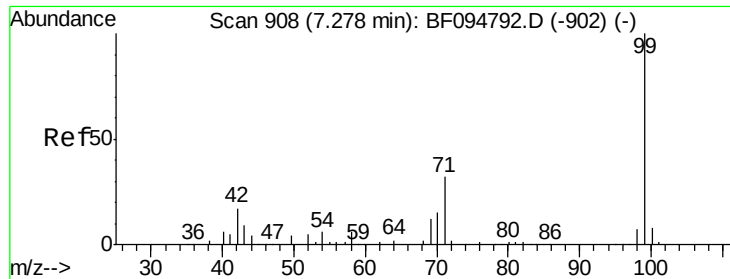


#5

2-Fluorophenol
Concen: 22.66 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.0	69.0
63	28.3	23.4	35.0





#7

Phenol-d6

Concen: 24.75 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF094980.D

Acq: 8 May 2017 14:56

Instrument :

BNA_F

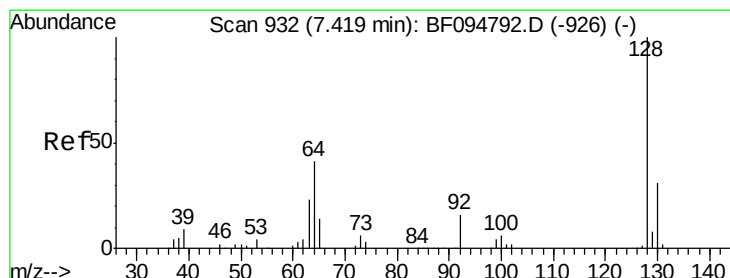
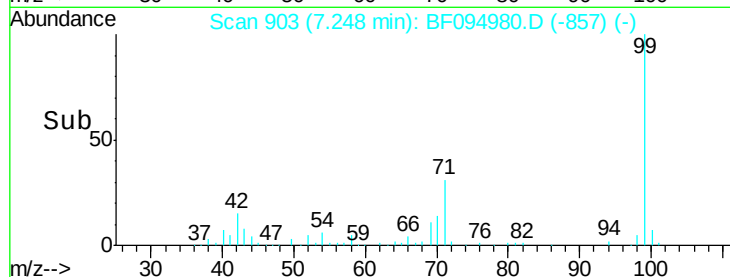
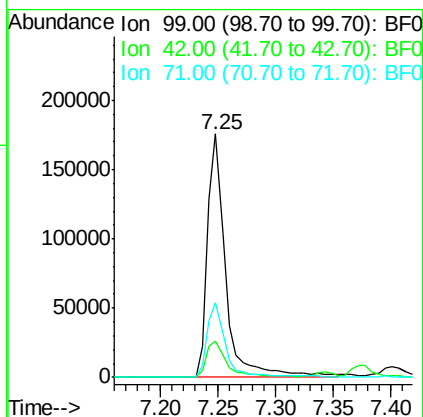
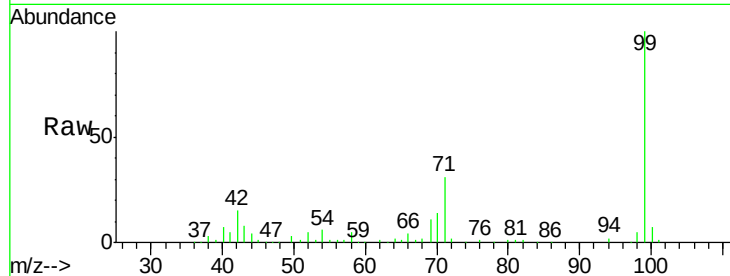
ClientSampleId :

PT-BNA-SOILD

Tgt Ion:	99	Resp:	194483
Ion Ratio	Lower	Upper	
99	100		
42	15.1	13.5	20.3
71	30.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 29.41 ng

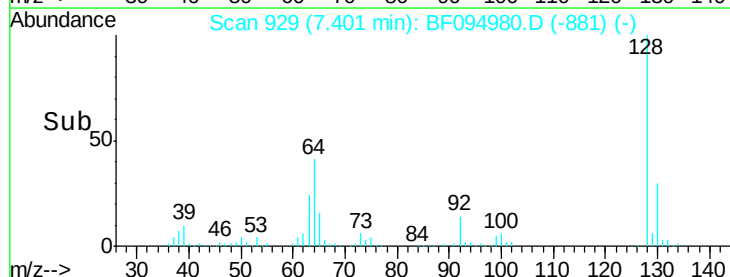
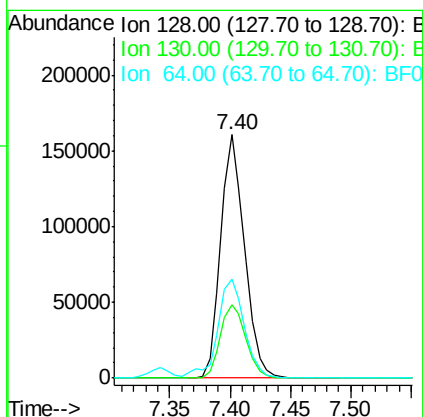
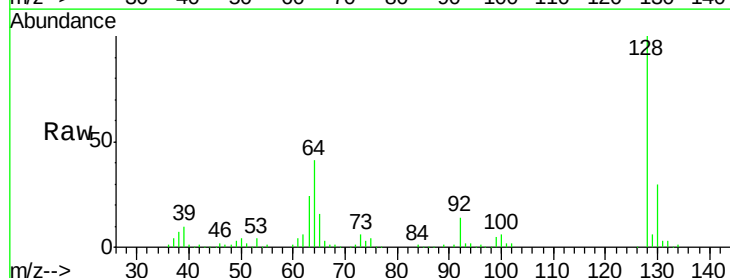
RT: 7.40 min Scan# 929

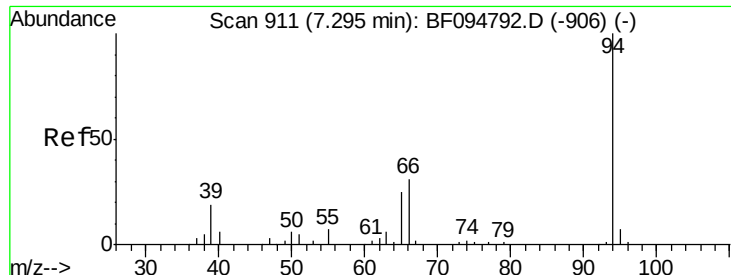
Delta R.T. -0.02 min

Lab File: BF094980.D

Acq: 8 May 2017 14:56

Tgt Ion:	128	Resp:	219212
Ion Ratio	Lower	Upper	
128	100		
130	30.2	12.9	52.9
64	40.9	28.4	68.4





#10

Phenol

Concen: 34.92 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF094980.D

Acq: 8 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOILDL

Tgt Ion: 94 Resp: 289107

Ion Ratio Lower Upper

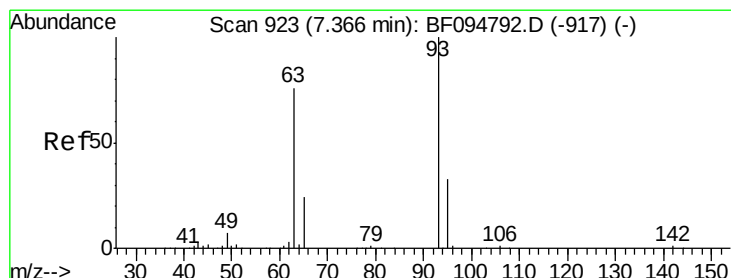
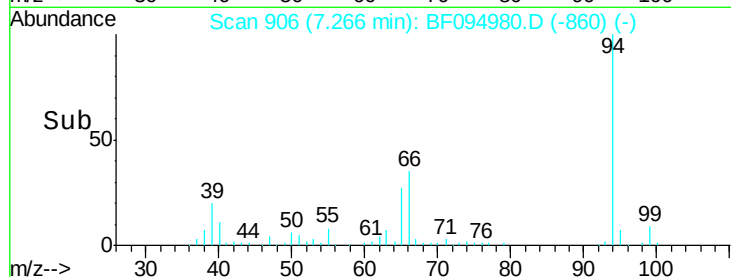
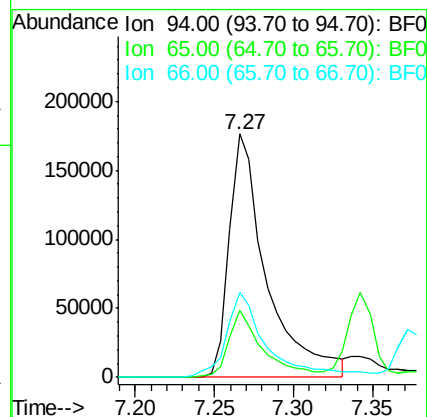
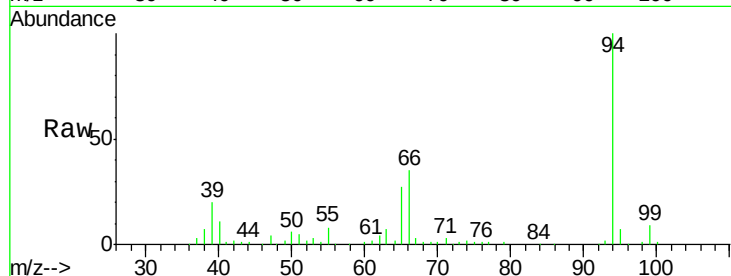
94 100

65 27.5 9.9 49.9

66 34.8 23.1 63.1

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#11

bis(2-Chloroethyl)ether

Concen: 40.84 ng

RT: 7.34 min Scan# 919

Delta R.T. -0.02 min

Lab File: BF094980.D

Acq: 8 May 2017 14:56

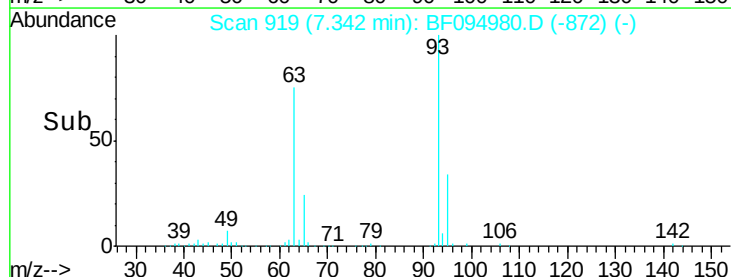
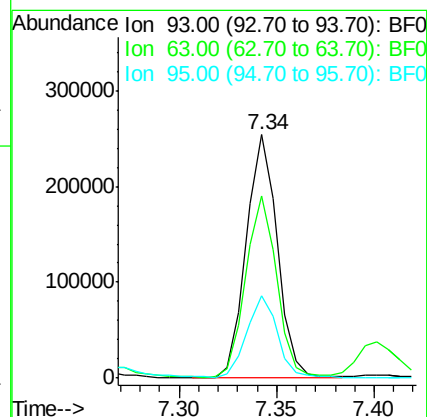
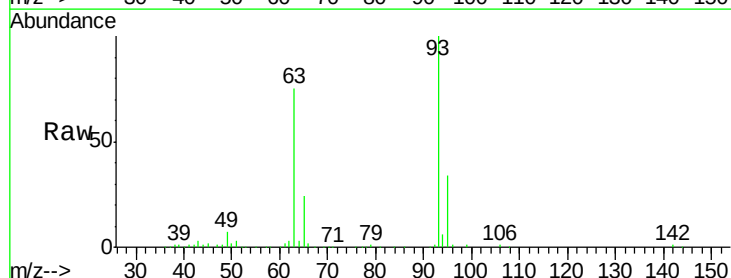
Tgt Ion: 93 Resp: 279141

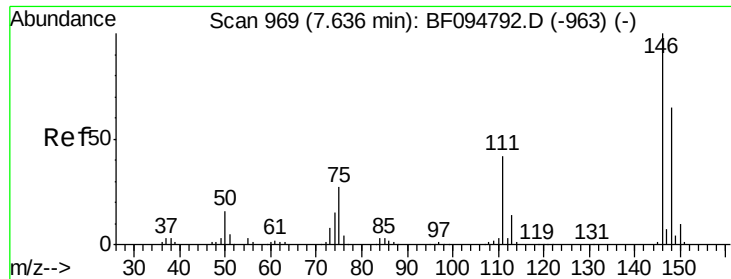
Ion Ratio Lower Upper

93 100

63 75.0 59.2 99.2

95 34.0 12.8 52.8





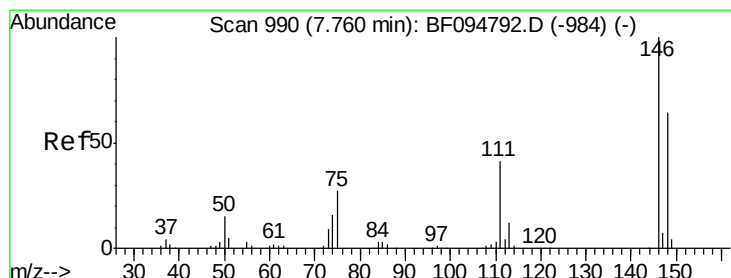
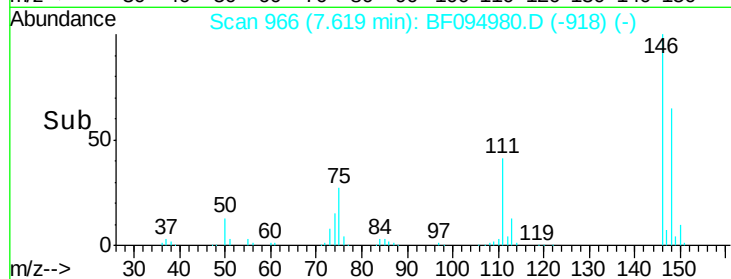
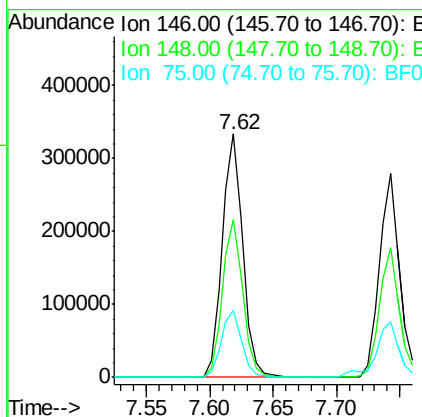
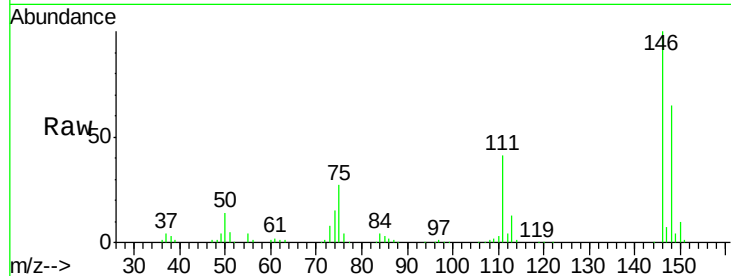
#12
 1,3-Dichlorobenzene
 Concen: 44.41 ng
 RT: 7.62 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Instrument :
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 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	375430		
148	64.8	51.8	77.6	
75	27.3	23.1	34.7	

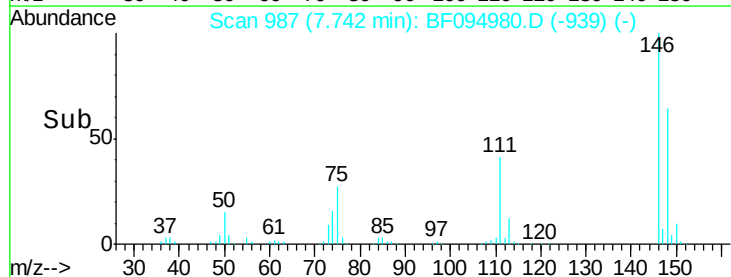
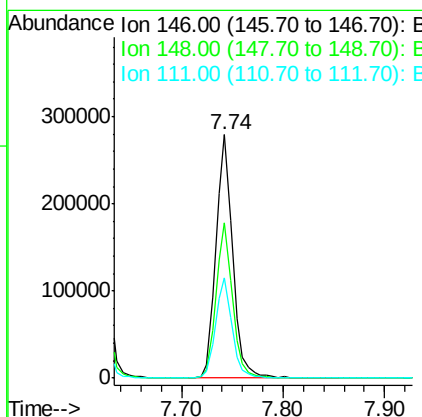
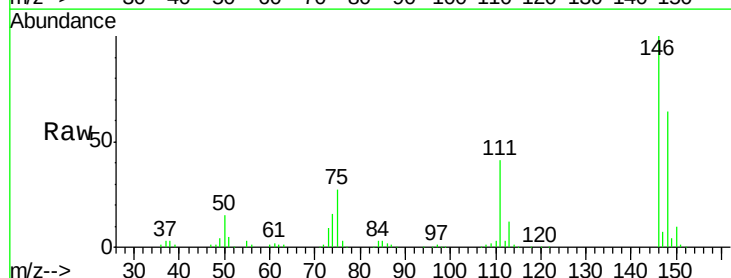
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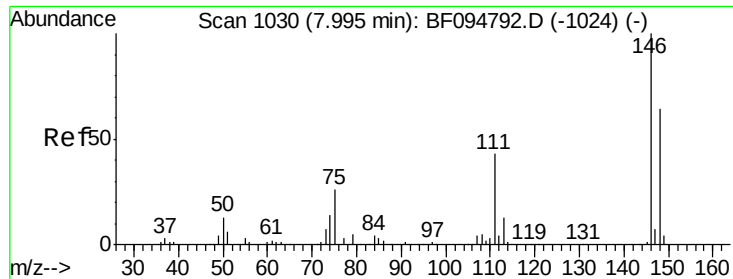
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#13
 1,4-Dichlorobenzene
 Concen: 37.34 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	320147		
148	63.6	52.2	78.2	
111	41.1	30.3	45.5	





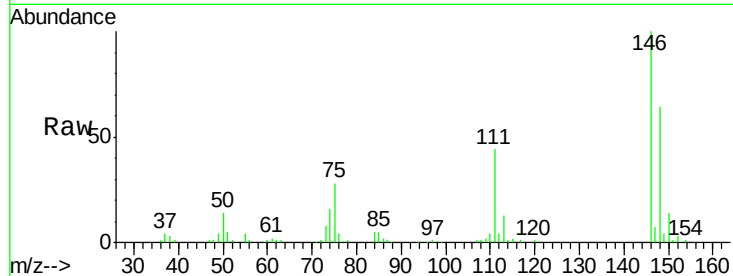
#14
1,2-Dichlorobenzene
Concen: 16.79 ng
RT: 7.97 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :
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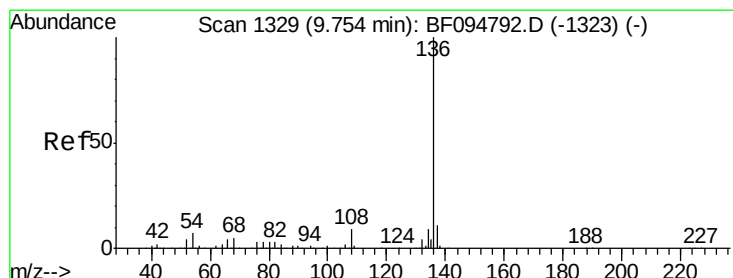
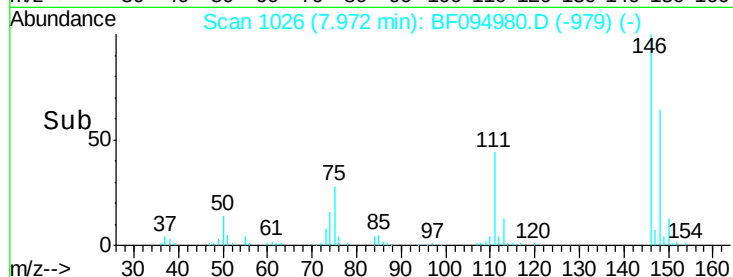
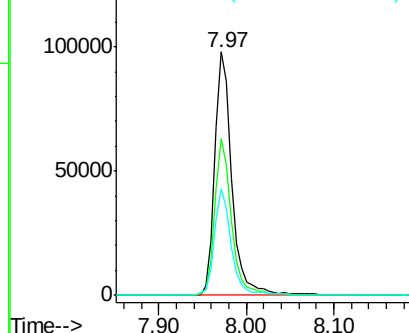
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	43.9	38.2	57.4

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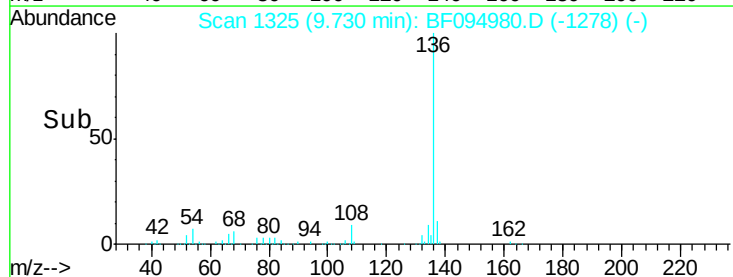
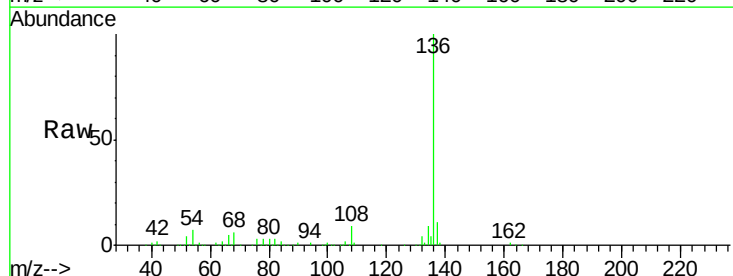
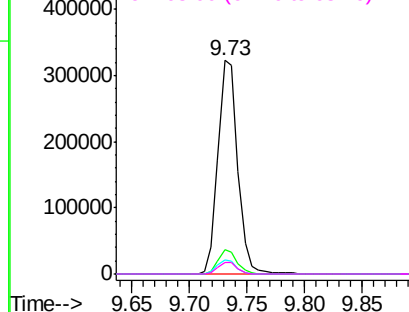
Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

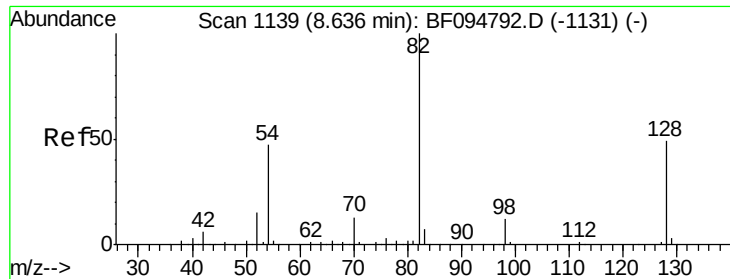


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.9	4.9	7.3
68	5.5	4.1	6.1

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





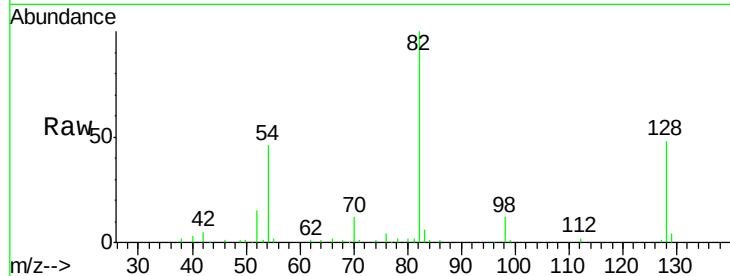
#23
 Nitrobenzene-d5
 Concen: 16.17 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.03 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILDL

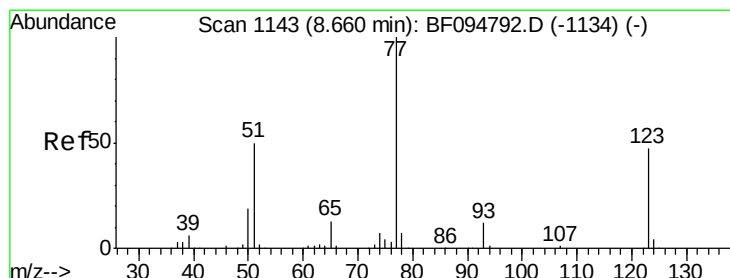
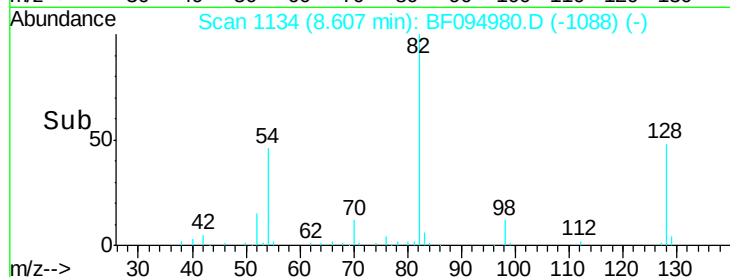
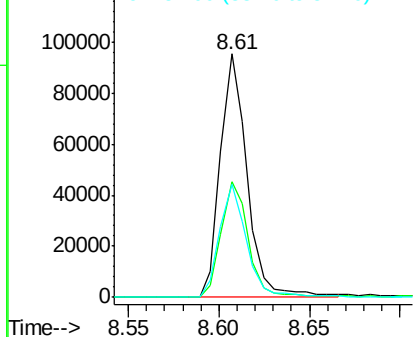
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	46.5	42.2	63.2

Manual Integrations
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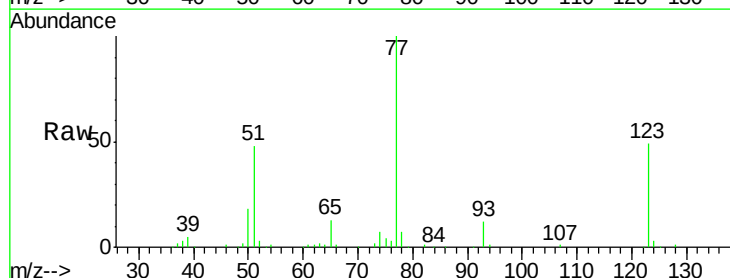


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

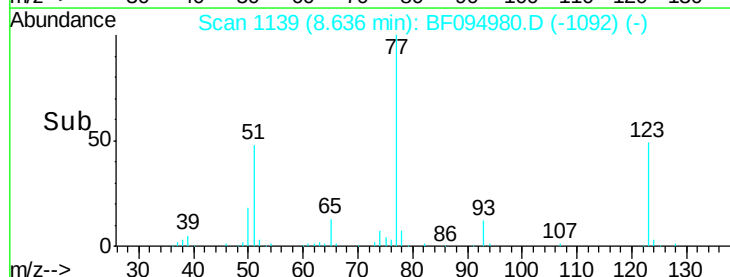
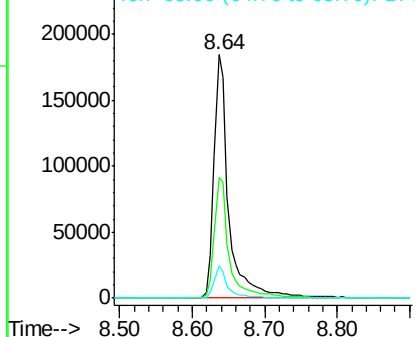


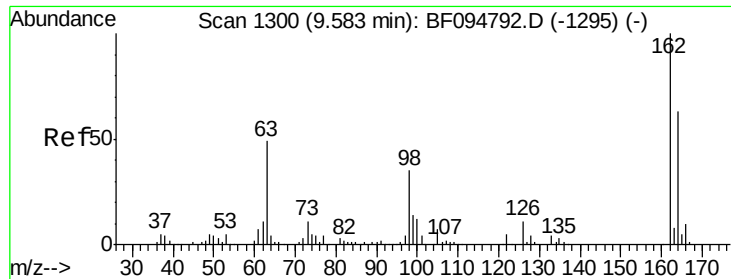
#24
 Nitrobenzene
 Concen: 41.22 ng
 RT: 8.64 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	35.8	53.8
65	13.1	10.6	15.8



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





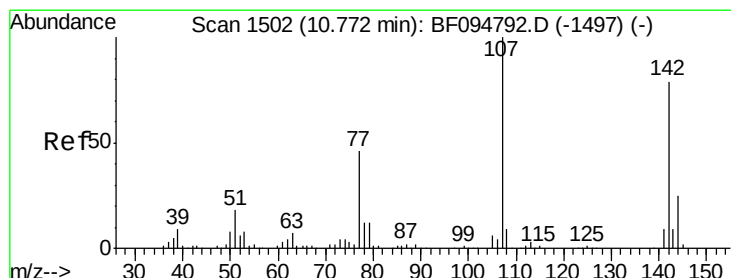
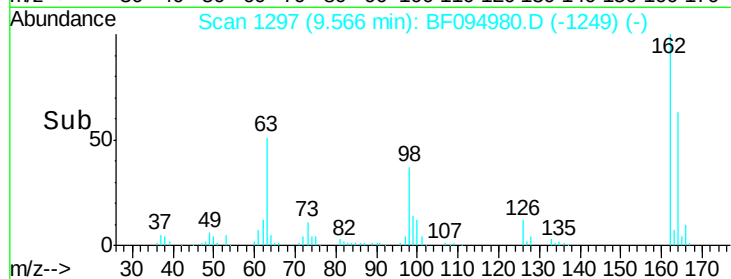
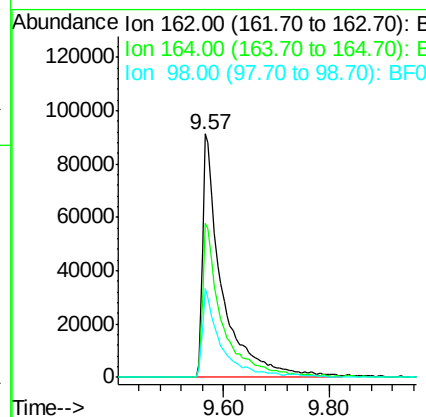
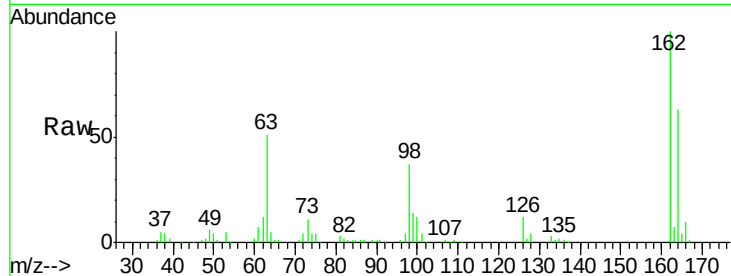
#29
 2,4-Dichlorophenol
 Concen: 44.70 ng
 RT: 9.57 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	235673		
164	63.3	44.6	84.6	
98	36.7	14.8	54.8	

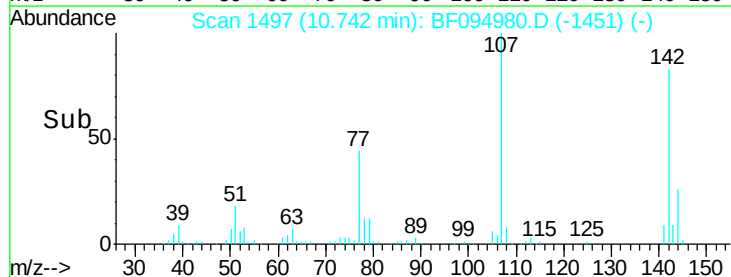
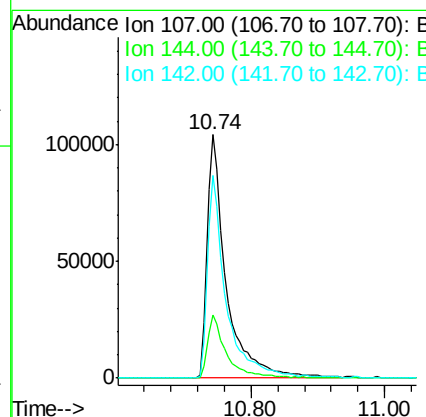
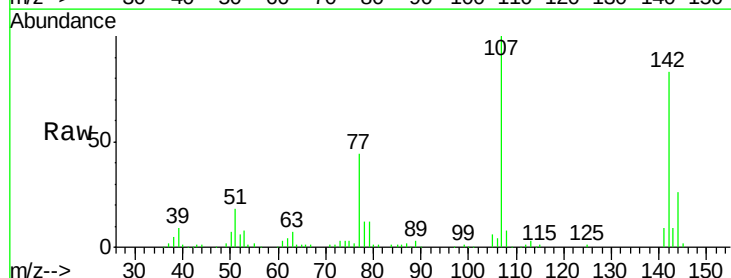
Manual Integrations
 APPROVED

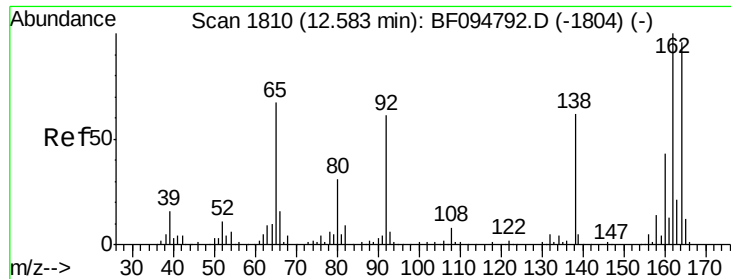
mohammad
 5/9/2017 5:02:18 PM



#36
 4-Chloro-3-methylphenol
 Concen: 36.42 ng
 RT: 10.74 min Scan# 1497
 Delta R.T. -0.03 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	205281		
144	25.7	24.2	36.4	
142	83.0	73.4	110.0	





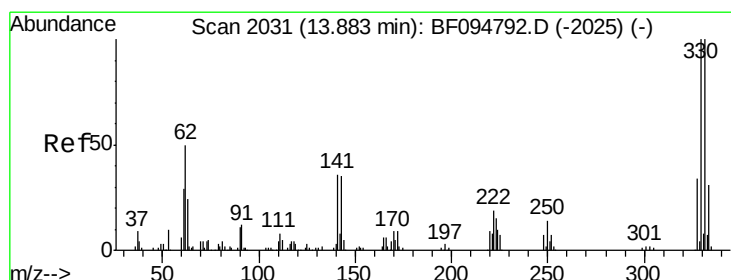
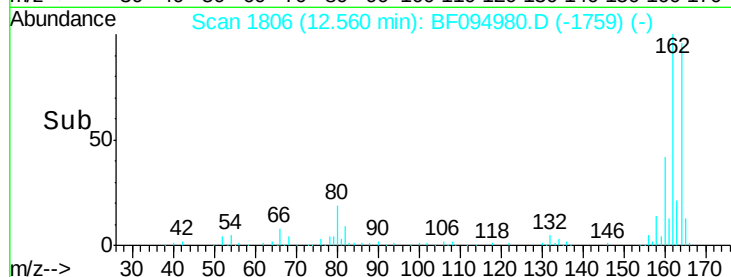
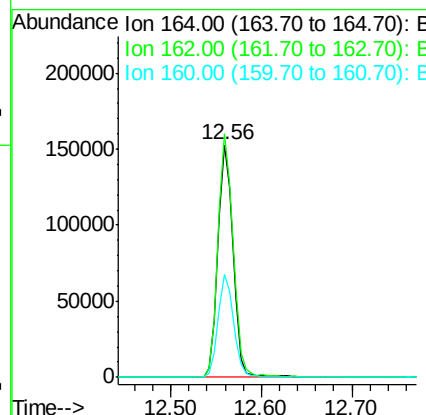
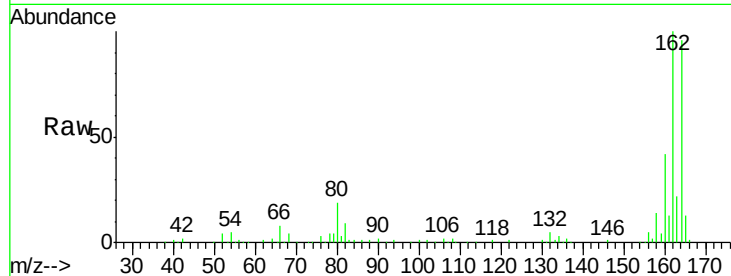
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILDL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	179520		
162	104.7	82.6	123.8	
160	44.3	36.2	54.2	

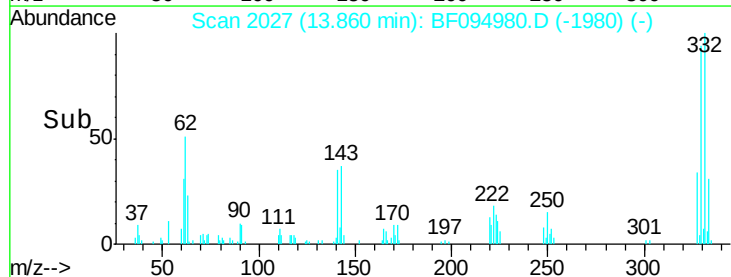
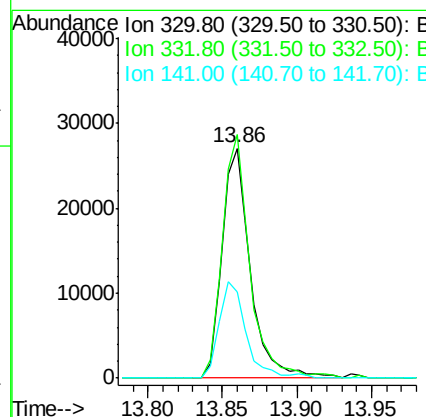
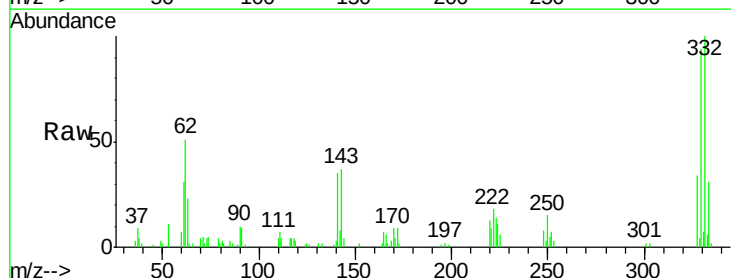
Manual Integrations
 APPROVED

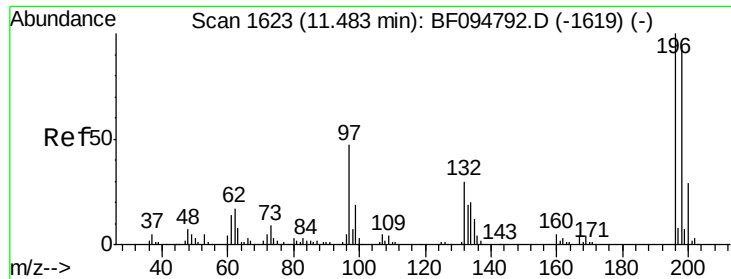
mohammad
 5/9/2017 5:02:18 PM



#41
 2,4,6-Tribromophenol
 Concen: 24.67 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	36267		
332	102.8	76.6	115.0	
141	40.1	31.4	47.2	





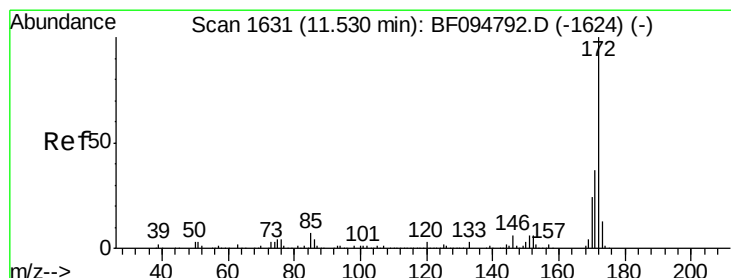
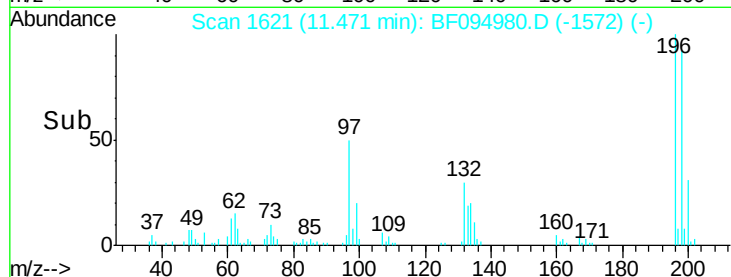
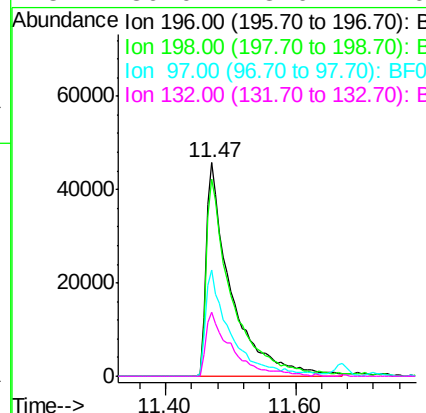
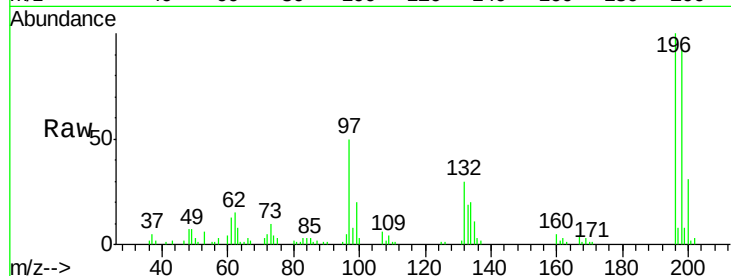
#43
 2,4,5-Trichlorophenol
 Concen: 30.62 ng
 RT: 11.47 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleID :
 PT-BNA-SOILD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	121317		
198	92.1	75.7	113.5	
97	49.7	47.7	71.5	
132	30.0	28.0	42.0	

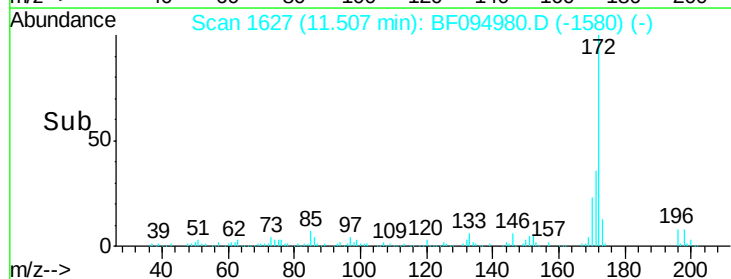
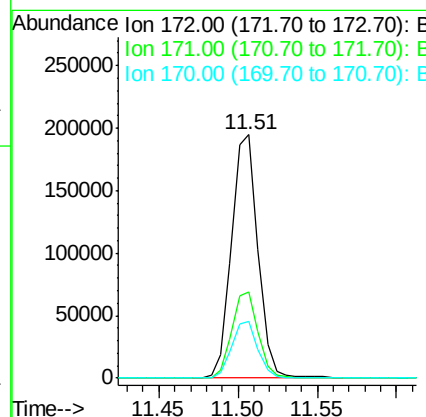
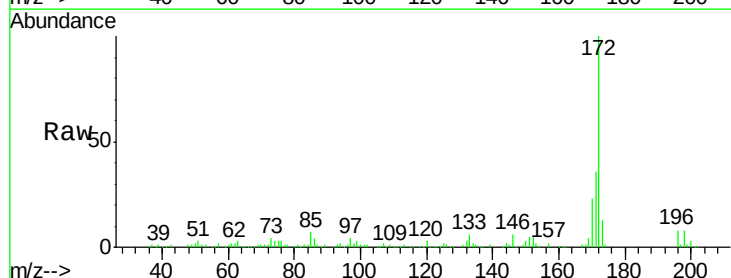
Manual Integrations
 APPROVED

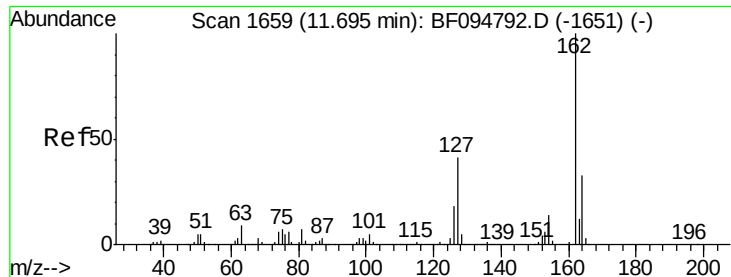
mohammad
 5/9/2017 5:02:18 PM



#44
 2-Fluorobiphenyl
 Concen: 18.01 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	224655		
171	35.6	29.6	44.4	
170	23.3	19.8	29.8	





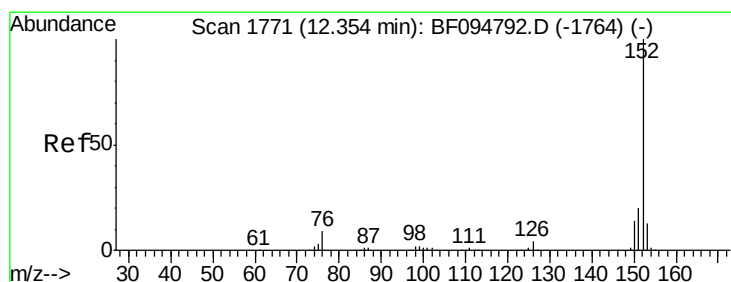
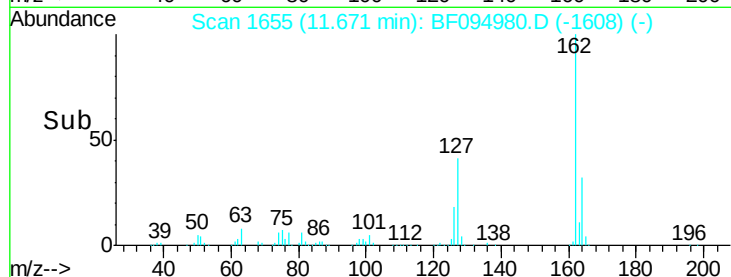
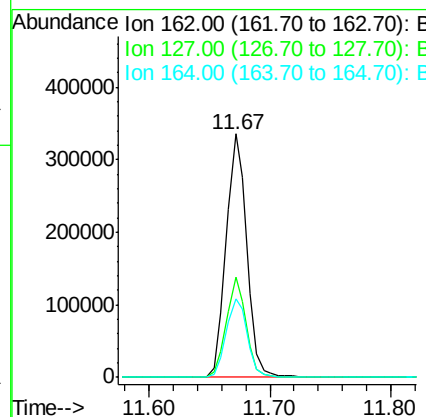
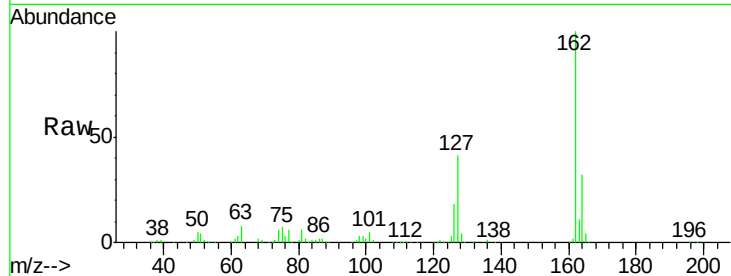
#46
2-Chloronaphthalene
Concen: 32.44 ng
RT: 11.67 min Scan# 1655
Delta R.T. -0.02 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	395961		
127	41.1	28.3	42.5	
164	32.2	27.0	40.4	

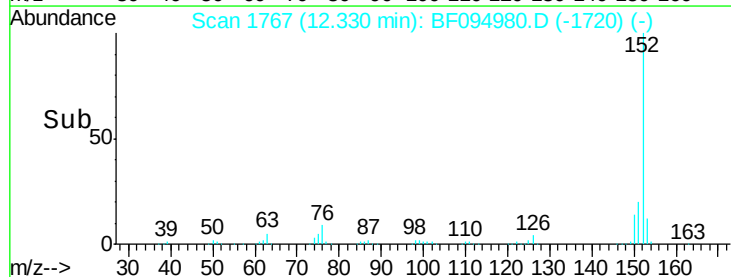
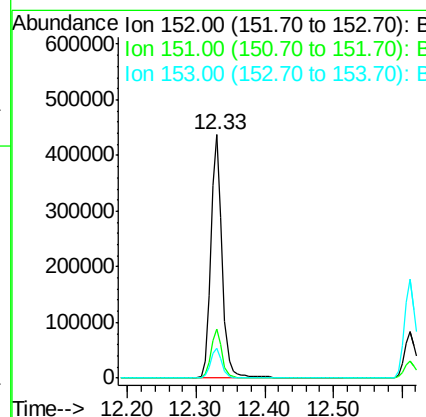
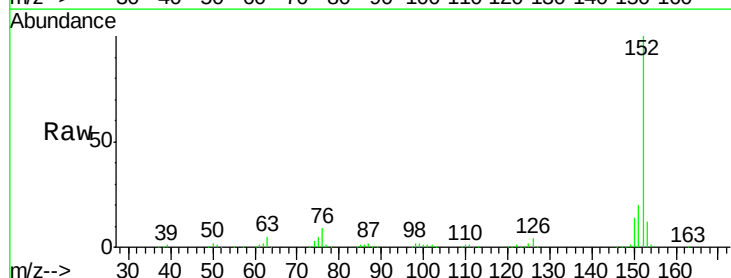
Manual Integrations
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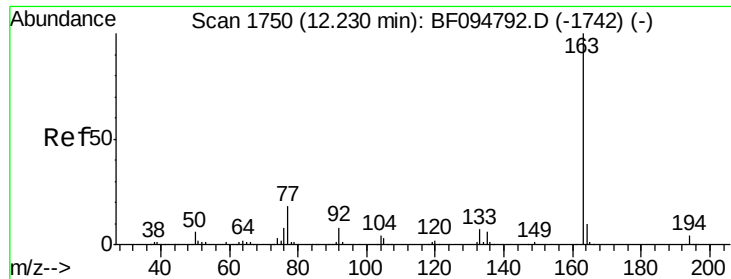
mohammad
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#48
Acenaphthylene
Concen: 26.75 ng
RT: 12.33 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	511275		
151	20.3	16.8	25.2	
153	12.5	10.8	16.2	





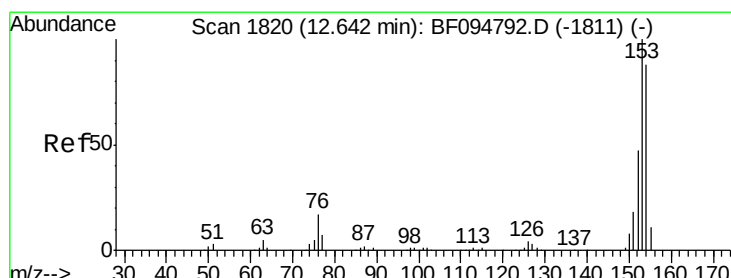
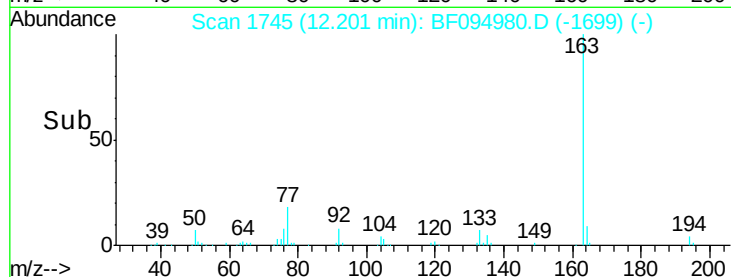
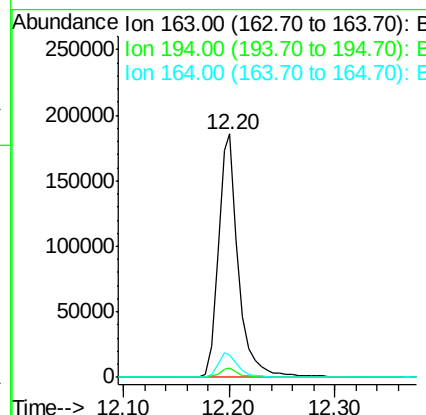
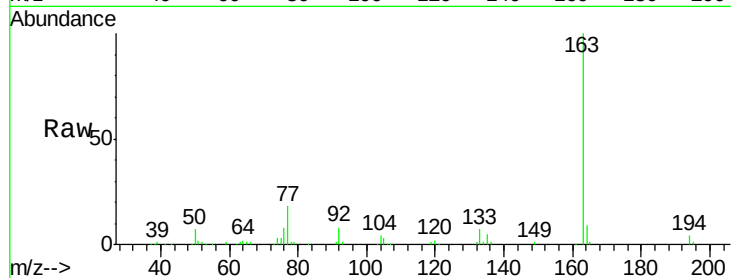
#49
Dimethylphthalate
Concen: 16.73 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	246556		
194	3.7	2.6	4.0	
164	9.2	8.4	12.6	

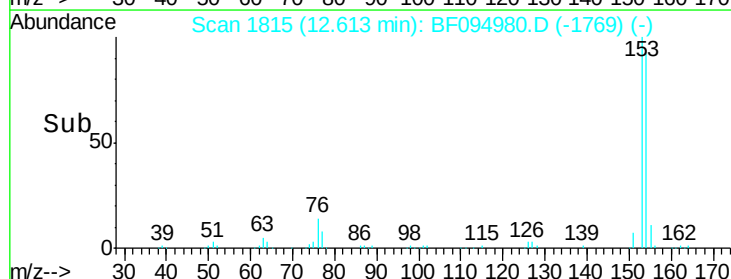
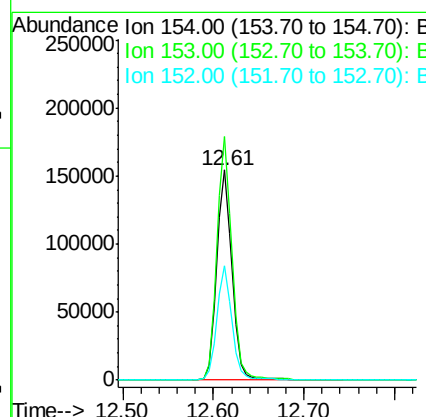
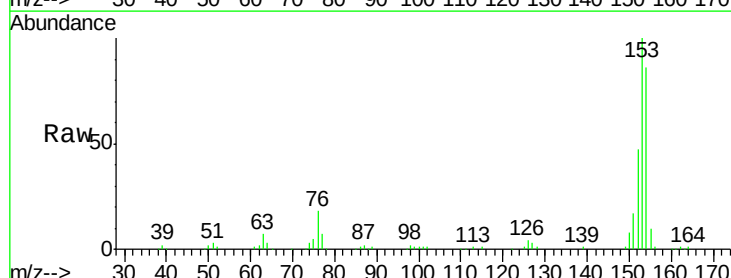
Manual Integrations
APPROVED

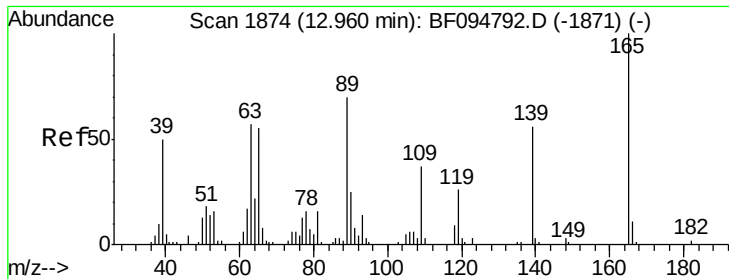
mohammad
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#51
Acenaphthene
Concen: 16.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	182644		
153	115.9	90.5	135.7	
152	54.3	43.6	65.4	





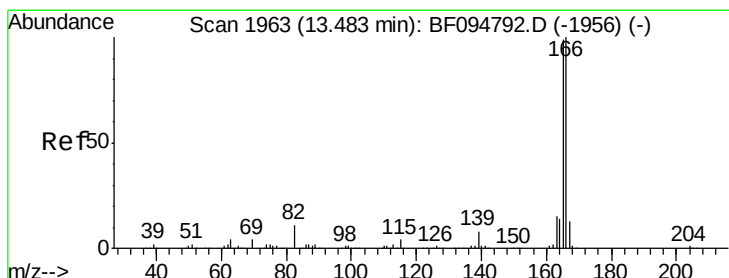
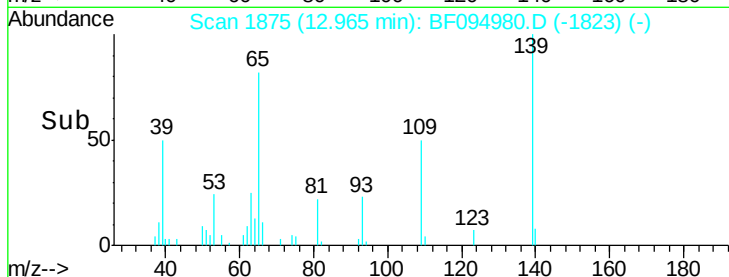
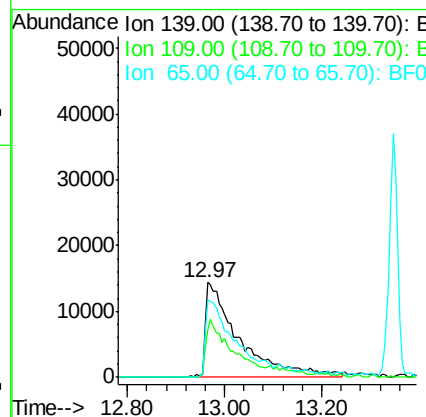
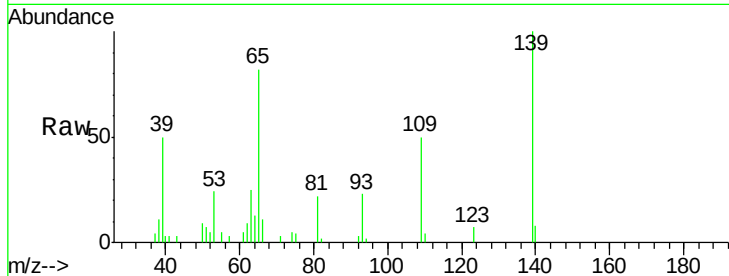
#55
4-Nitrophenol
Concen: 36.12 ng m
RT: 12.97 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	50.3	34.1	74.1
65	81.5	31.4	71.4

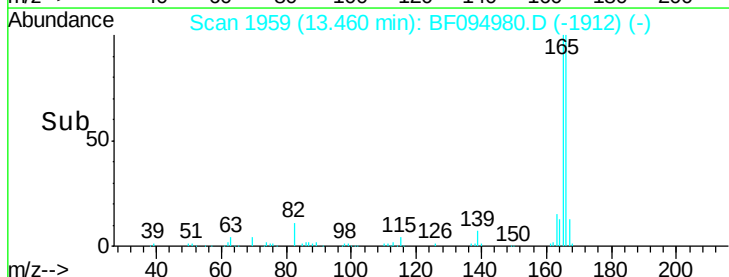
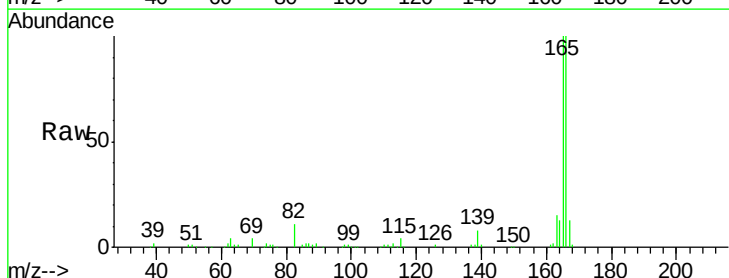
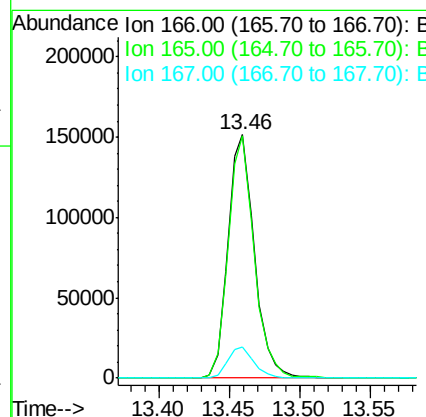
Manual Integrations
APPROVED

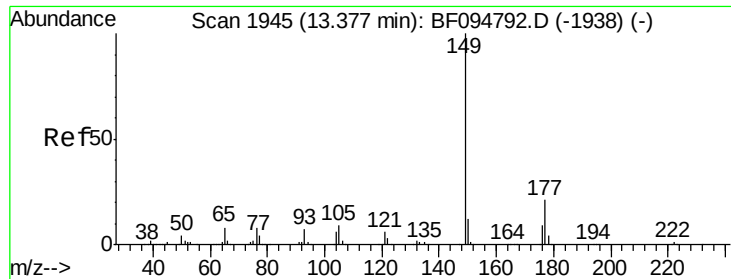
mohammad
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#57
Fluorene
Concen: 14.28 ng
RT: 13.46 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	12.7	10.6	16.0





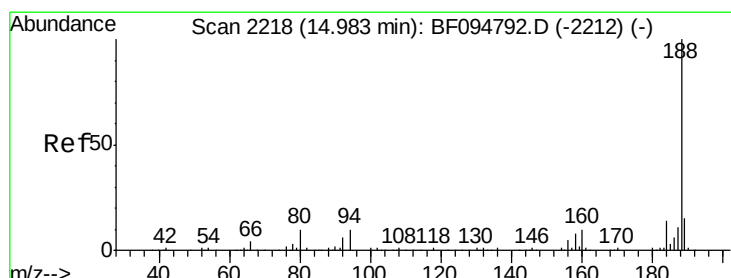
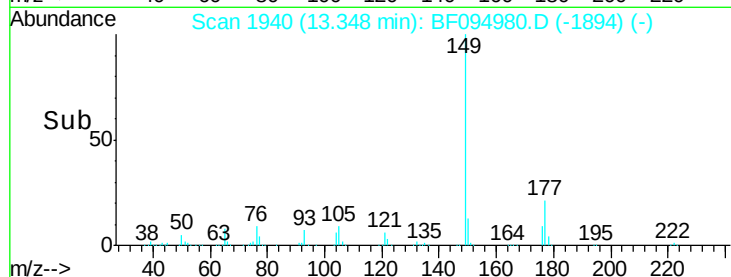
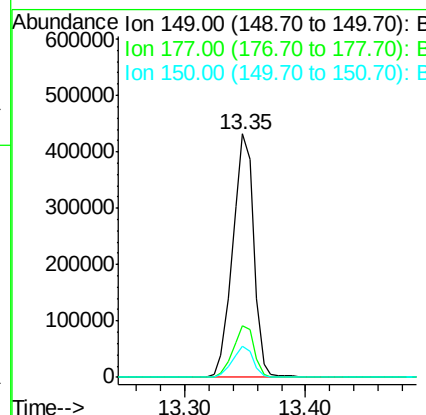
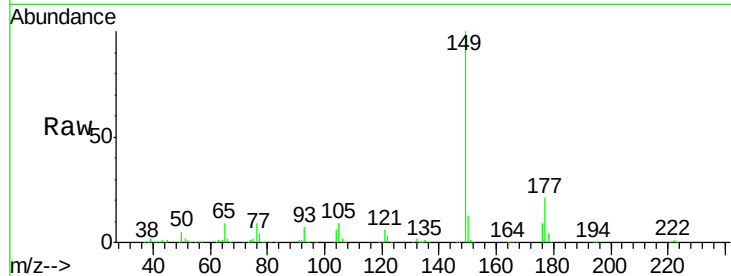
#59
Diethylphthalate
Concen: 37.17 ng
RT: 13.35 min Scan# 1940
Delta R.T. -0.03 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.6	10.2	15.2

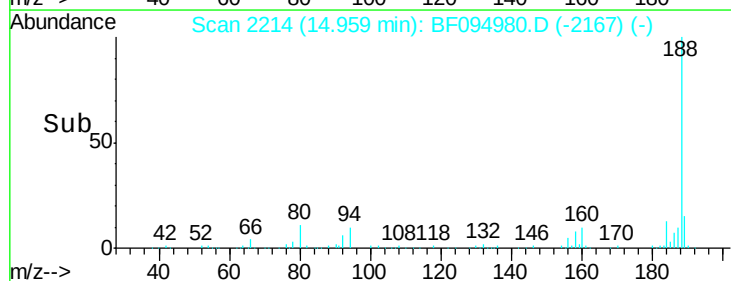
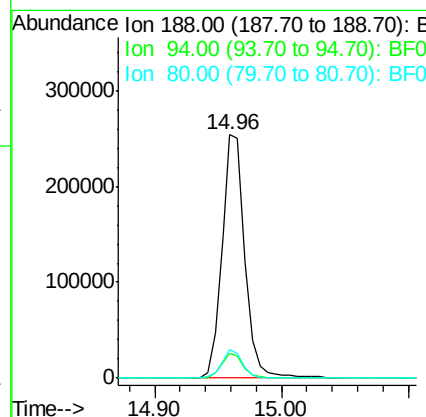
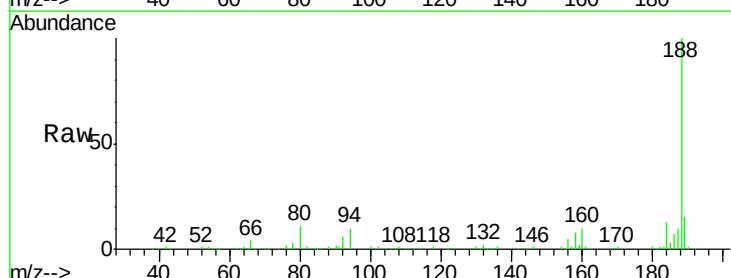
Manual Integrations
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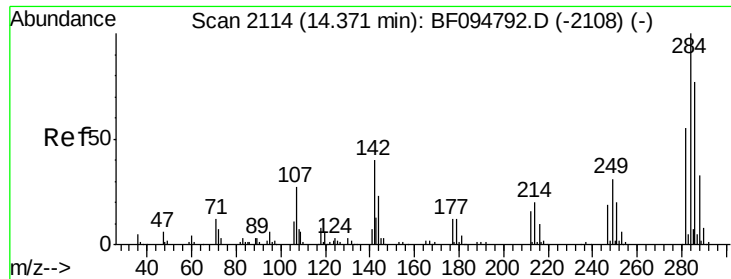
mohammad
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.5	10.2	15.2





#67

Hexachlorobenzene

Concen: 49.30 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF094980.D

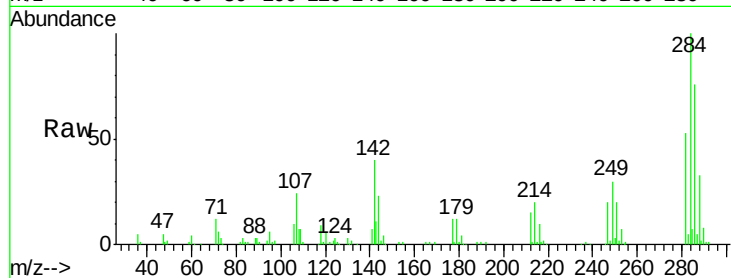
Acq: 8 May 2017 14:56

Instrument :

BNA_F

ClientSampleId :

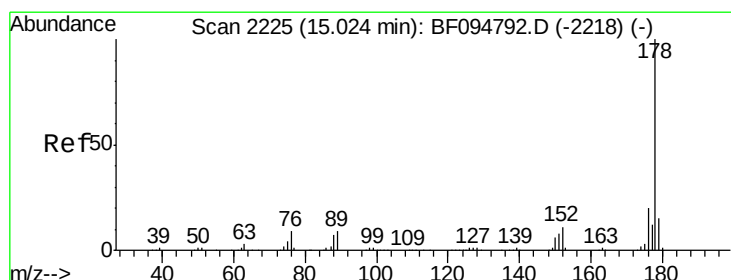
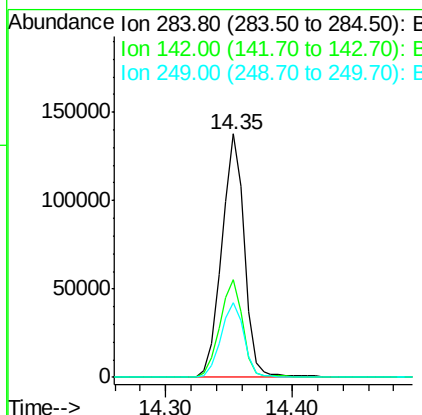
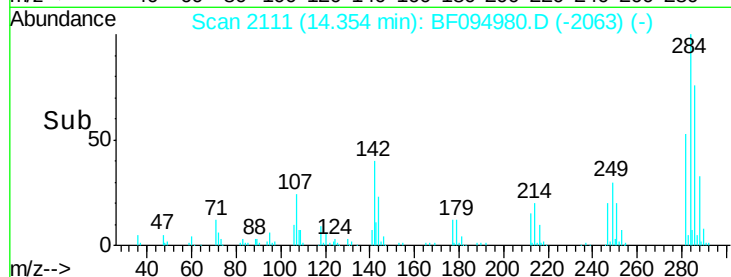
PT-BNA-SOILD



Tgt Ion:	284	Resp:	170182
Ion Ratio	Lower	Upper	
284	100		
142	39.9	22.8	34.2#
249	30.5	24.0	36.0

Manual Integrations
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5/9/2017 5:02:18 PM



#70

Phenanthrene

Concen: 15.64 ng

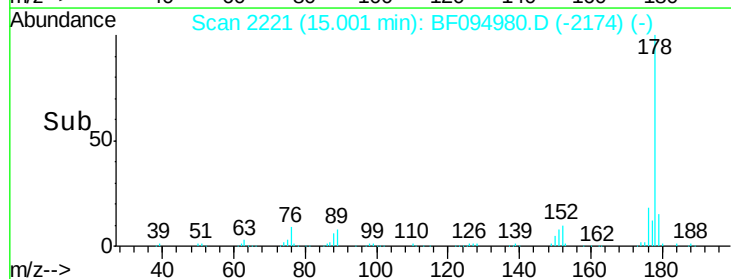
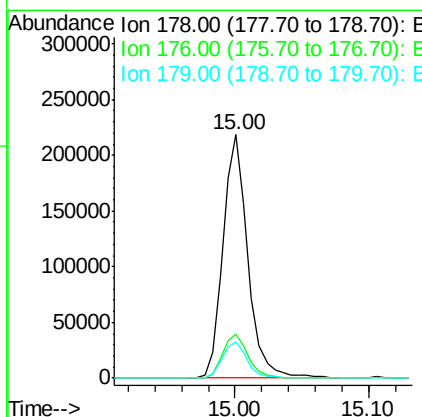
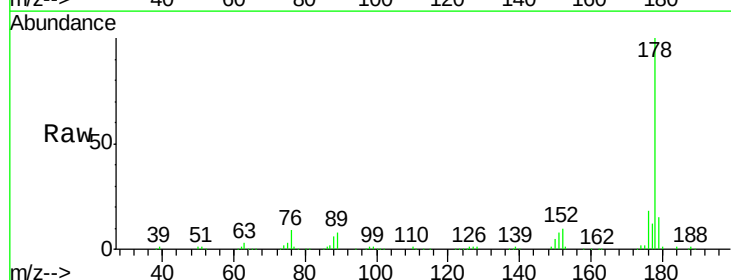
RT: 15.00 min Scan# 2221

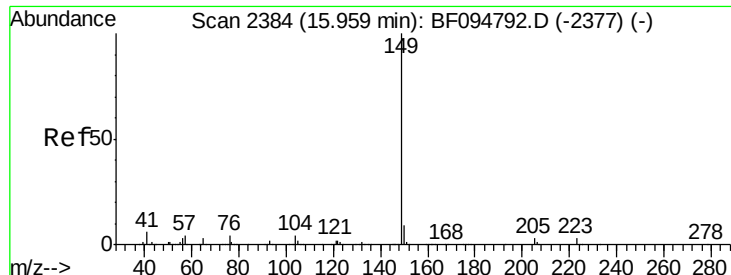
Delta R.T. -0.02 min

Lab File: BF094980.D

Acq: 8 May 2017 14:56

Tgt Ion:	178	Resp:	286429
Ion Ratio	Lower	Upper	
178	100		
176	18.3	16.2	24.4
179	14.9	12.6	19.0





#73

Di-n-butylphthalate

Concen: 46.16 ng

RT: 15.94 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BF094980.D

Acq: 8 May 2017 14:56

Instrument :

BNA_F

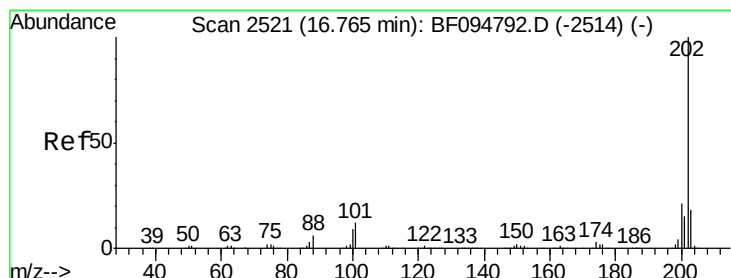
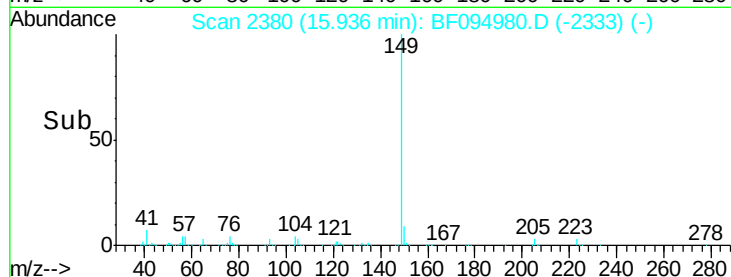
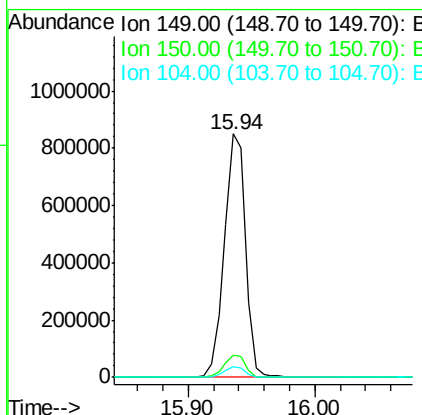
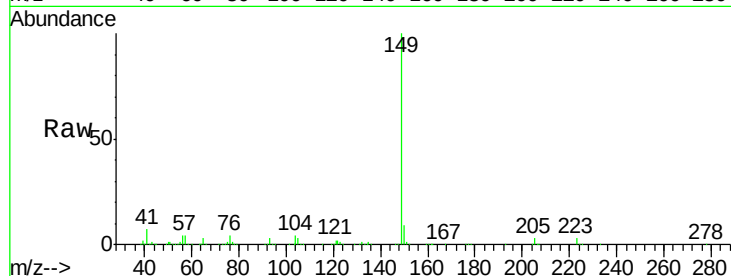
ClientSampleId :

PT-BNA-SOILD

Tgt Ion:	149	Resp:	979959
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.4	4.0	6.0

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#74

Fluoranthene

Concen: 12.93 ng

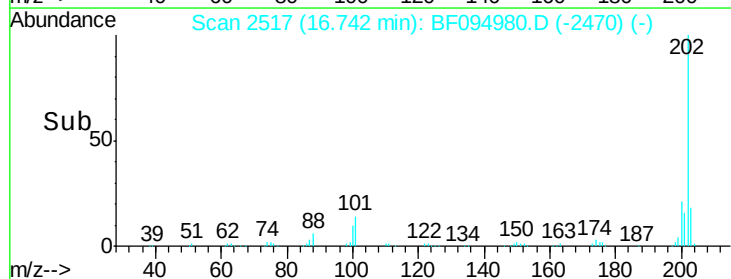
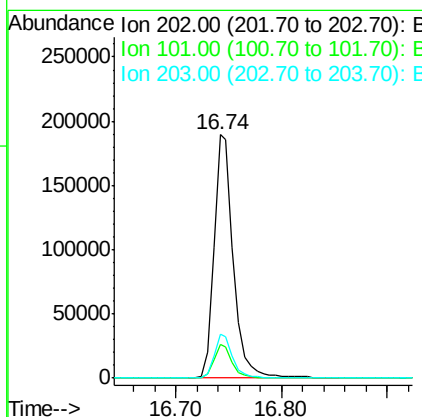
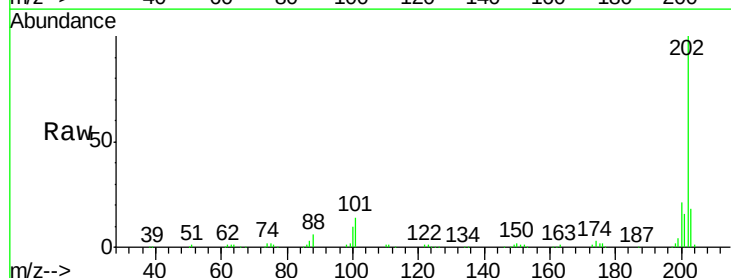
RT: 16.74 min Scan# 2517

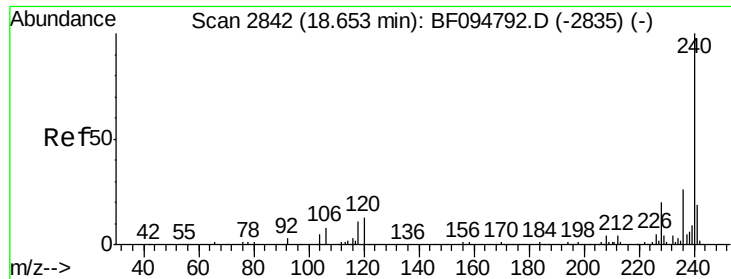
Delta R.T. -0.02 min

Lab File: BF094980.D

Acq: 8 May 2017 14:56

Tgt Ion:	202	Resp:	243028
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.2
203	18.2	0.0	38.1





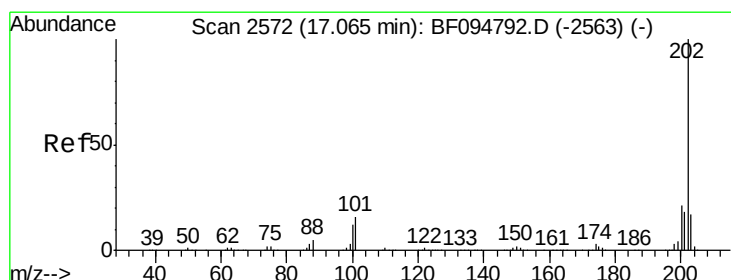
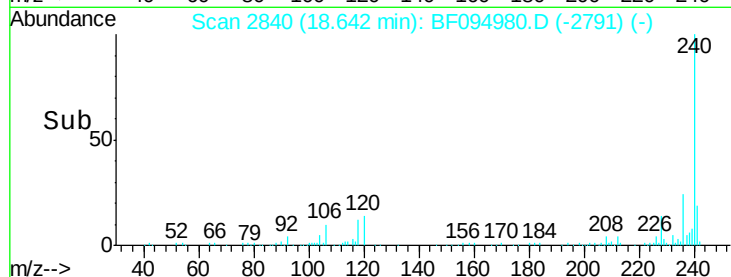
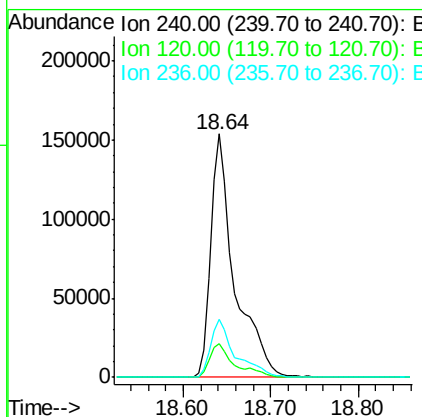
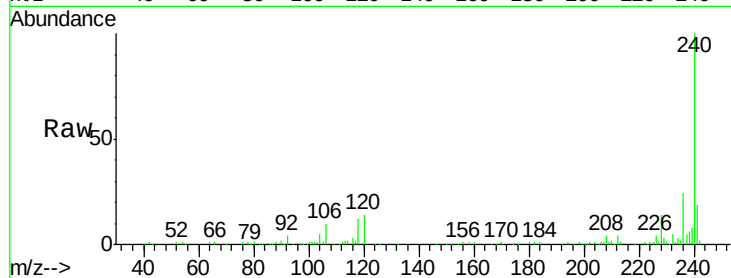
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	289918		
120	13.8	5.8	8.8#	
236	24.1	20.5	30.7	

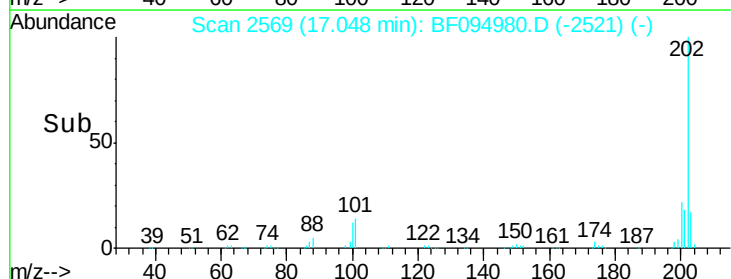
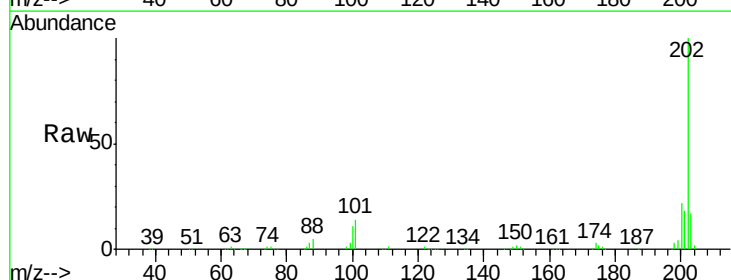
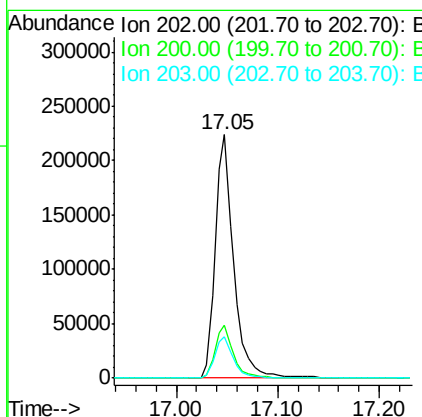
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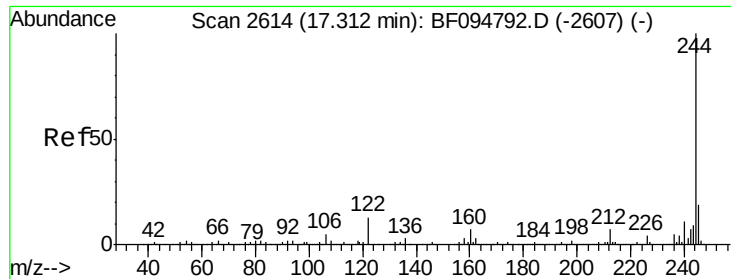
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#77
Pyrene
Concen: 13.02 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	282232		
200	21.9	17.6	26.4	
203	16.9	14.4	21.6	





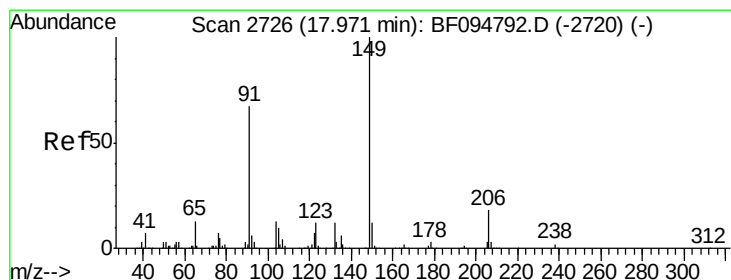
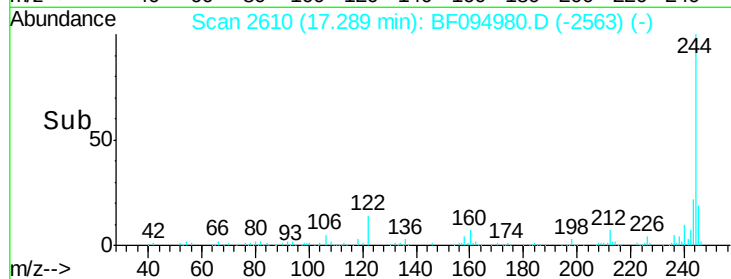
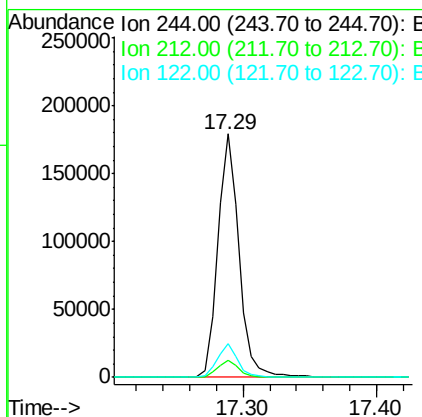
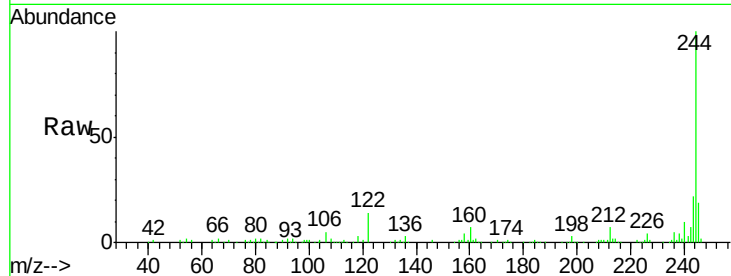
#78
 Terphenyl-d14
 Concen: 15.24 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	6.0	9.0
122	13.8	10.3	15.5

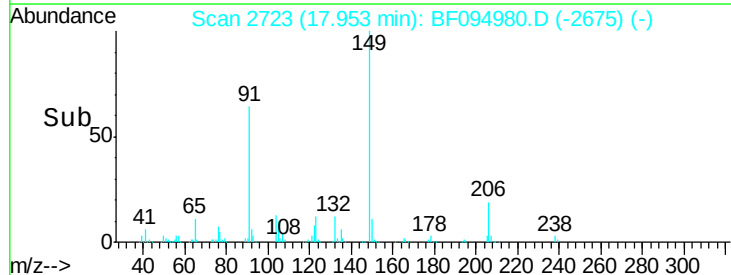
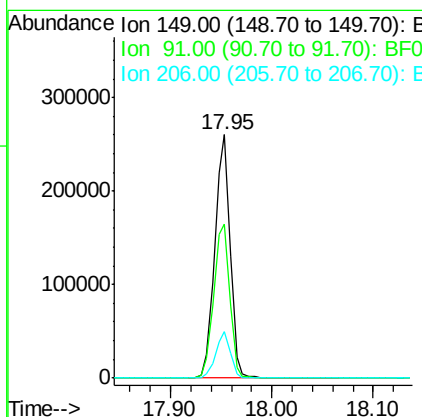
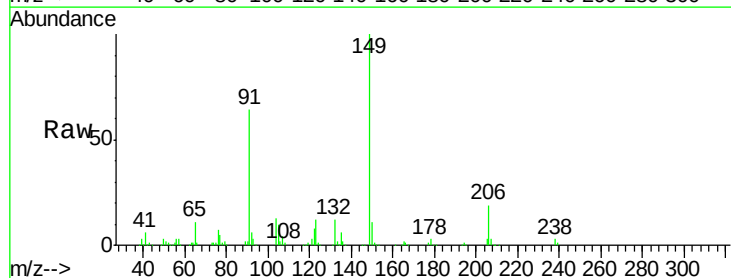
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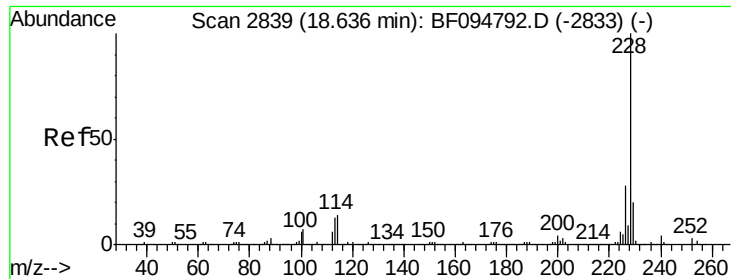
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#79
 Butylbenzylphthalate
 Concen: 27.15 ng
 RT: 17.95 min Scan# 2723
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	63.5	45.0	67.4
206	19.2	17.0	25.6





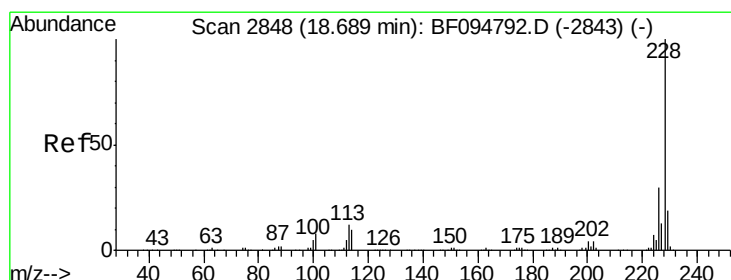
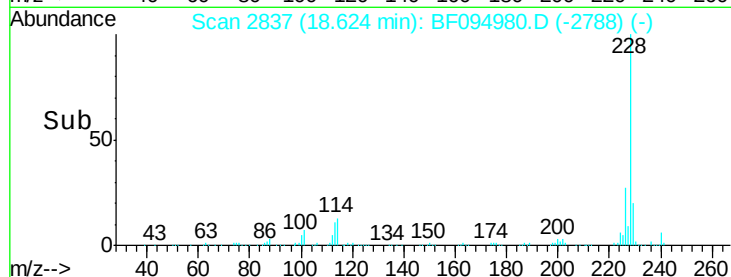
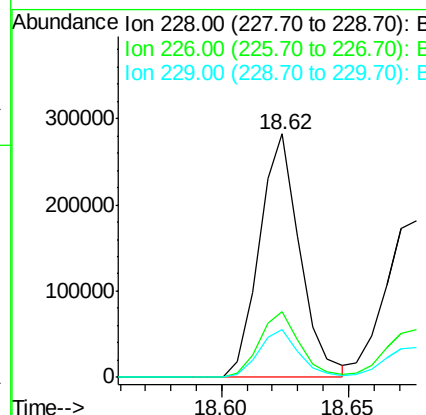
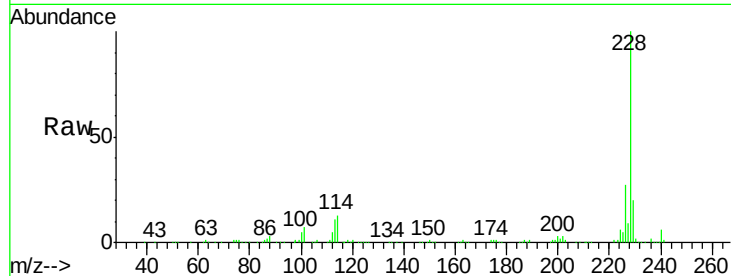
#80
Benzo(a)anthracene
Concen: 18.58 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.6	16.3	24.5

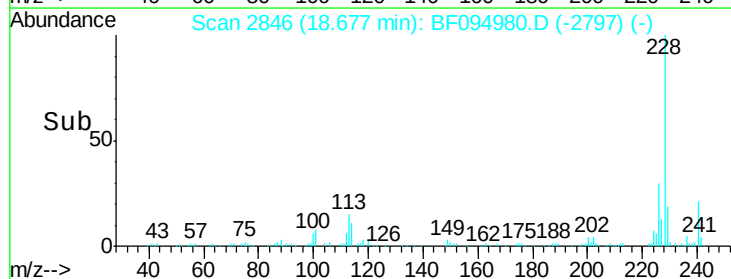
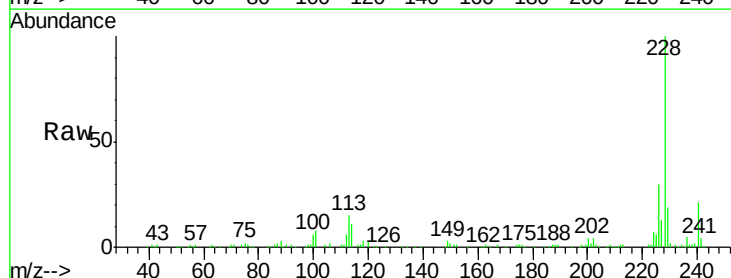
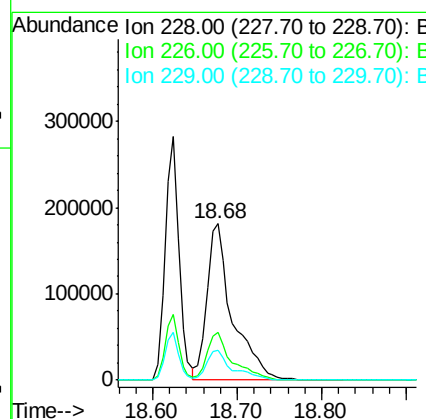
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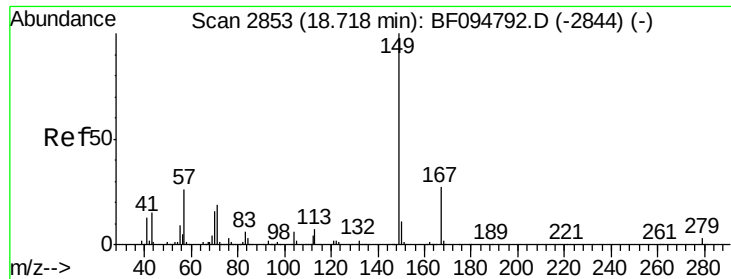
mohammad
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#82
Chrysene
Concen: 23.18 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.2	15.8	23.6





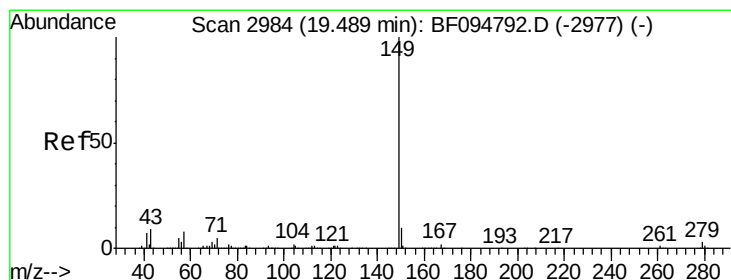
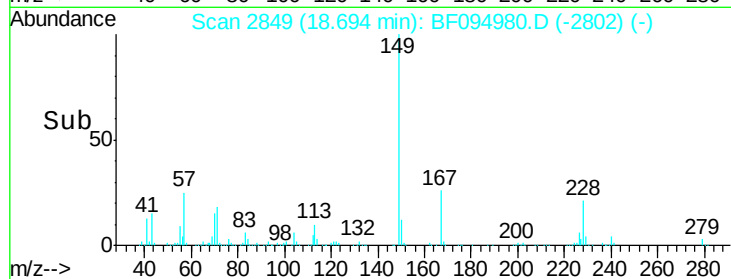
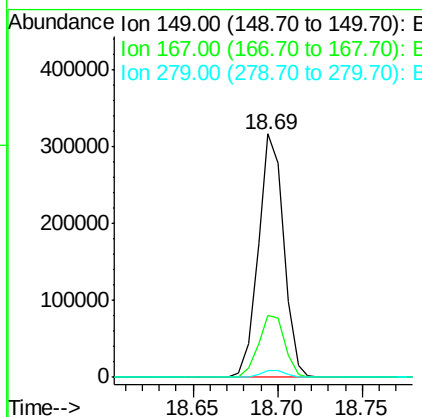
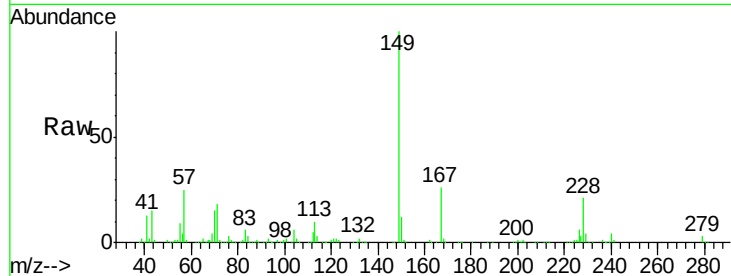
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.14 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	332495		
167	25.6	21.0	31.4	
279	2.7	1.9	2.9	

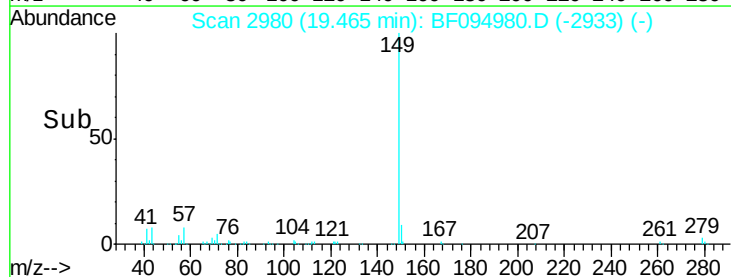
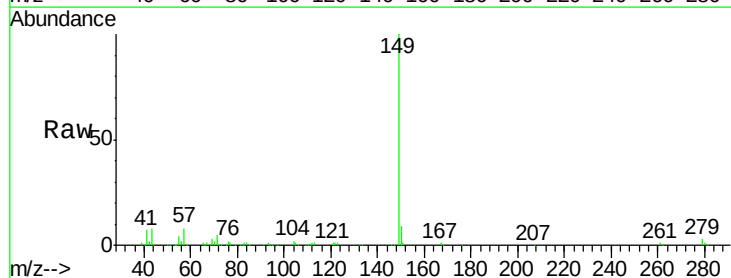
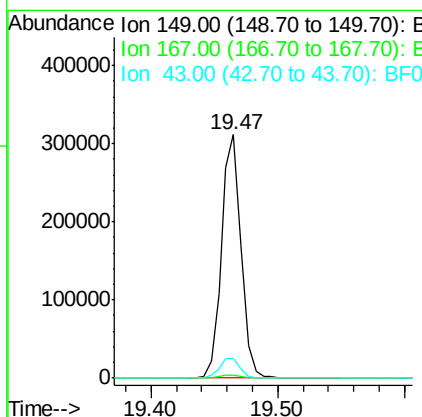
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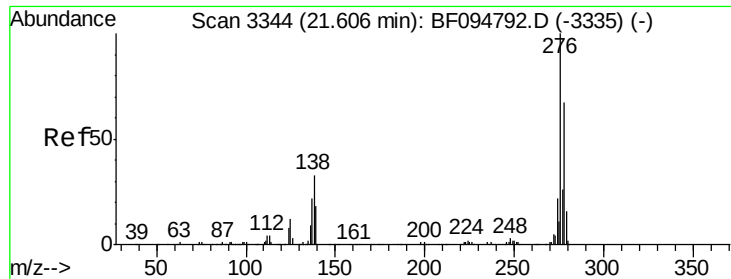
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#84
 Di-n-octyl phthalate
 Concen: 14.09 ng
 RT: 19.47 min Scan# 2980
 Delta R.T. -0.02 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	332040		
167	1.5	1.2	1.8	
43	8.9	8.5	12.7	





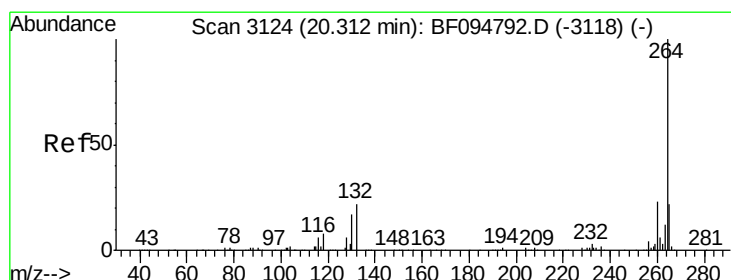
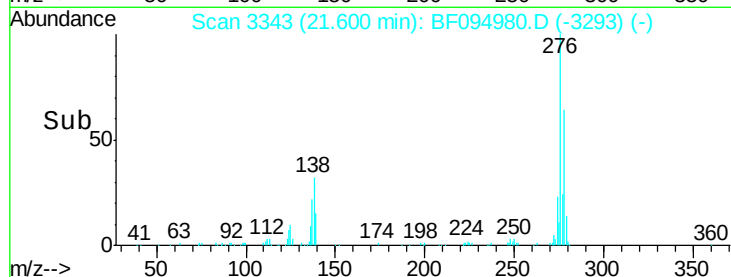
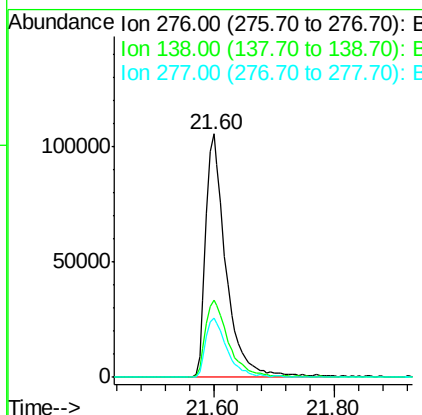
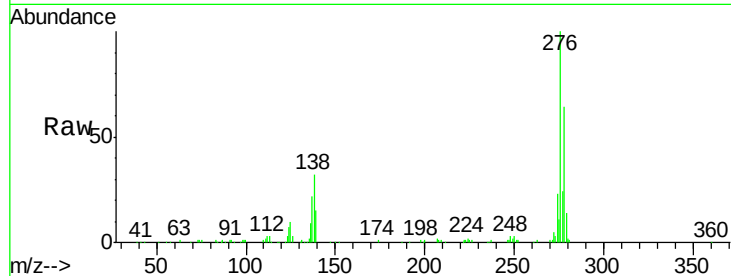
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.80 ng
 RT: 21.60 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.2	27.8	41.6
277	25.9	20.2	30.4

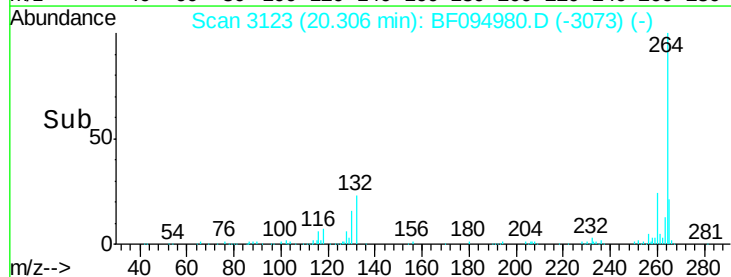
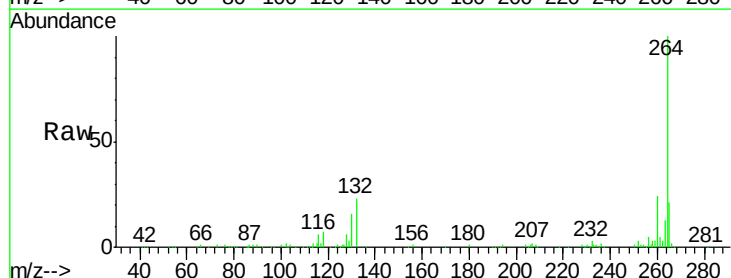
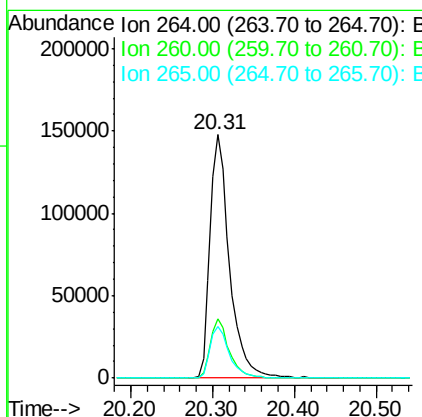
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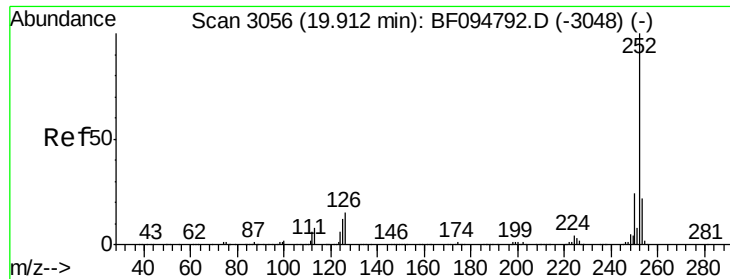
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094980.D
 Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.0	17.2	25.8





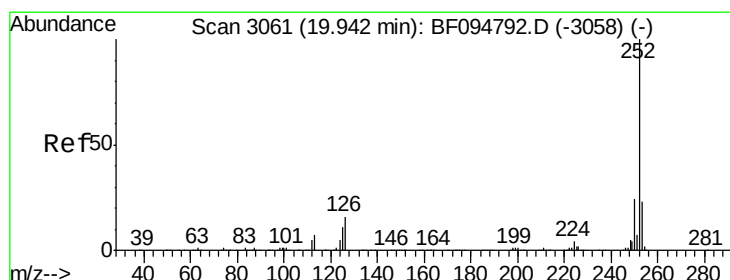
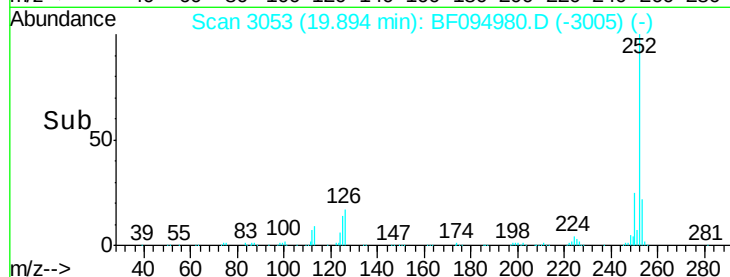
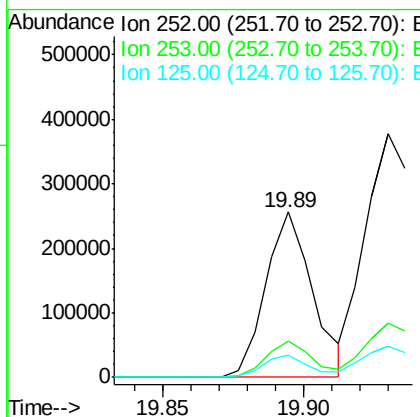
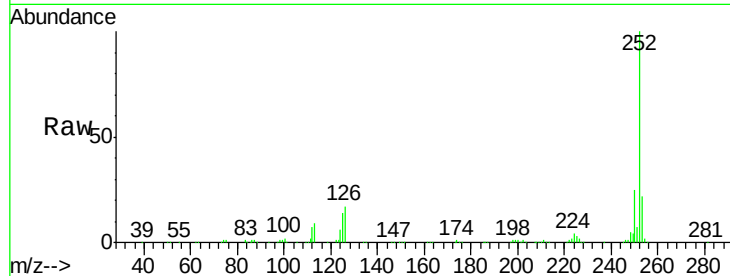
#87
Benzo(b)fluoranthene
Concen: 19.42 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOILD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.5	9.8	14.8

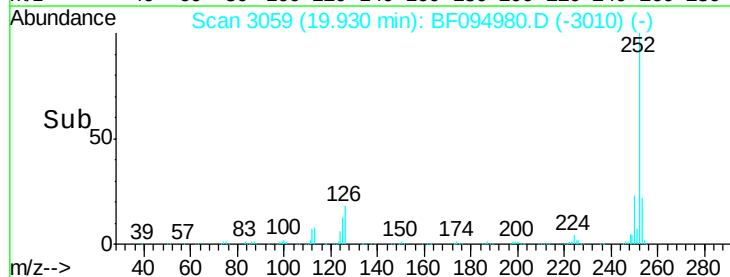
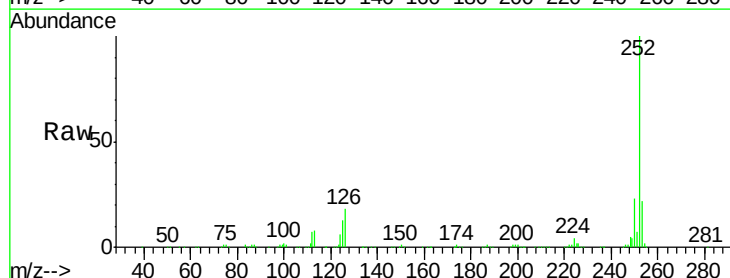
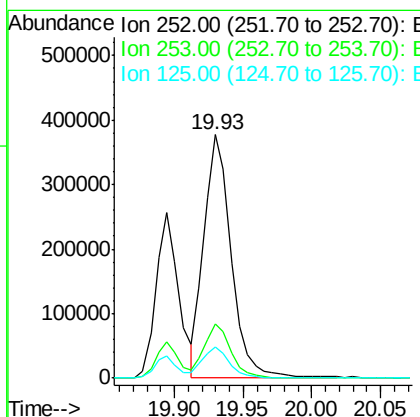
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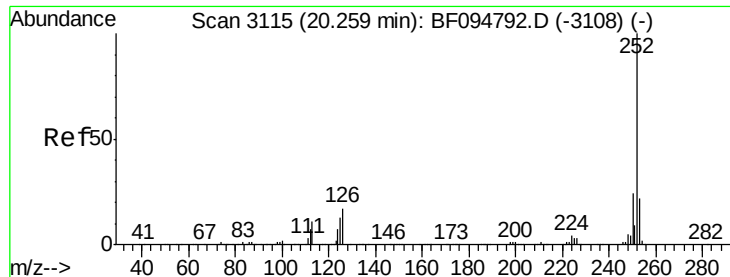
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#88
Benzo(k)fluoranthene
Concen: 35.52 ng m
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094980.D
Acq: 8 May 2017 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.0	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 22.99 ng

RT: 20.25 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BF094980.D

Acq: 8 May 2017 14:56

Instrument :

BNA_F

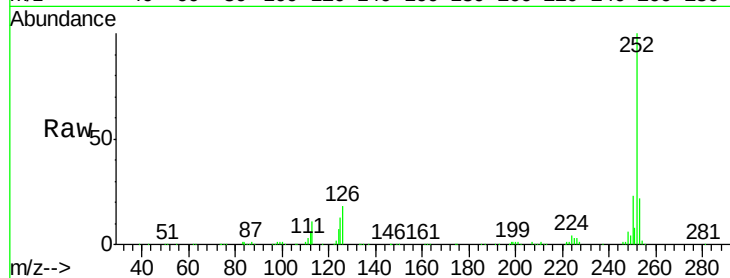
ClientSampleId :

PT-BNA-SOILDL

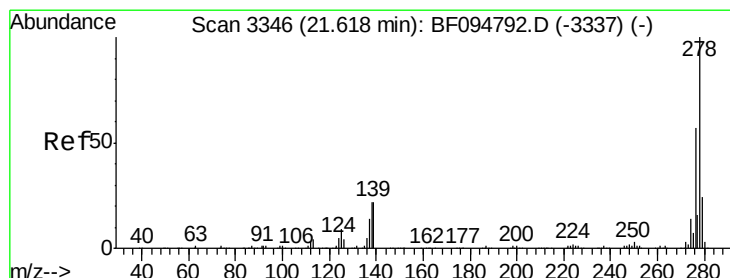
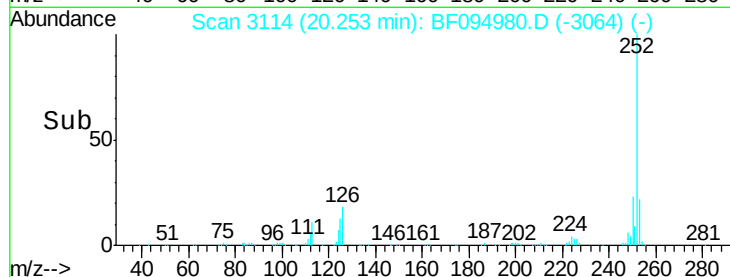
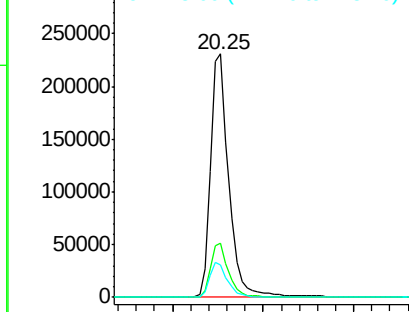
Tgt Ion:	252	Resp:	322303
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	13.1	11.0	16.4

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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



#90

Dibenzo(a,h)anthracene

Concen: 22.71 ng

RT: 21.61 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BF094980.D

Acq: 8 May 2017 14:56

Tgt Ion:	278	Resp:	262899
Ion Ratio	Lower	Upper	
278	100		
139	21.9	16.6	24.8
279	22.9	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

