

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
 Data File : BF115004.D
 Acq On : 13 Jun 2019 15:38
 Operator : HP/JU
 Sample : K3343-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-008

Quant Time: Jun 14 03:46:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	278114	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1050334	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	466534	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	713704	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	476653	20.00	ng	0.00
87) Perylene-d12	15.15	264	507174	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	546	0.03	ng	0.02
7) Phenol-d6	6.29	99	26031	1.30	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1166905	66.87	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.00	172	2140725	77.77	ng	0.00
79) Terphenyl-d14	12.73	244	1551867	61.24	ng	0.00

Target Compounds

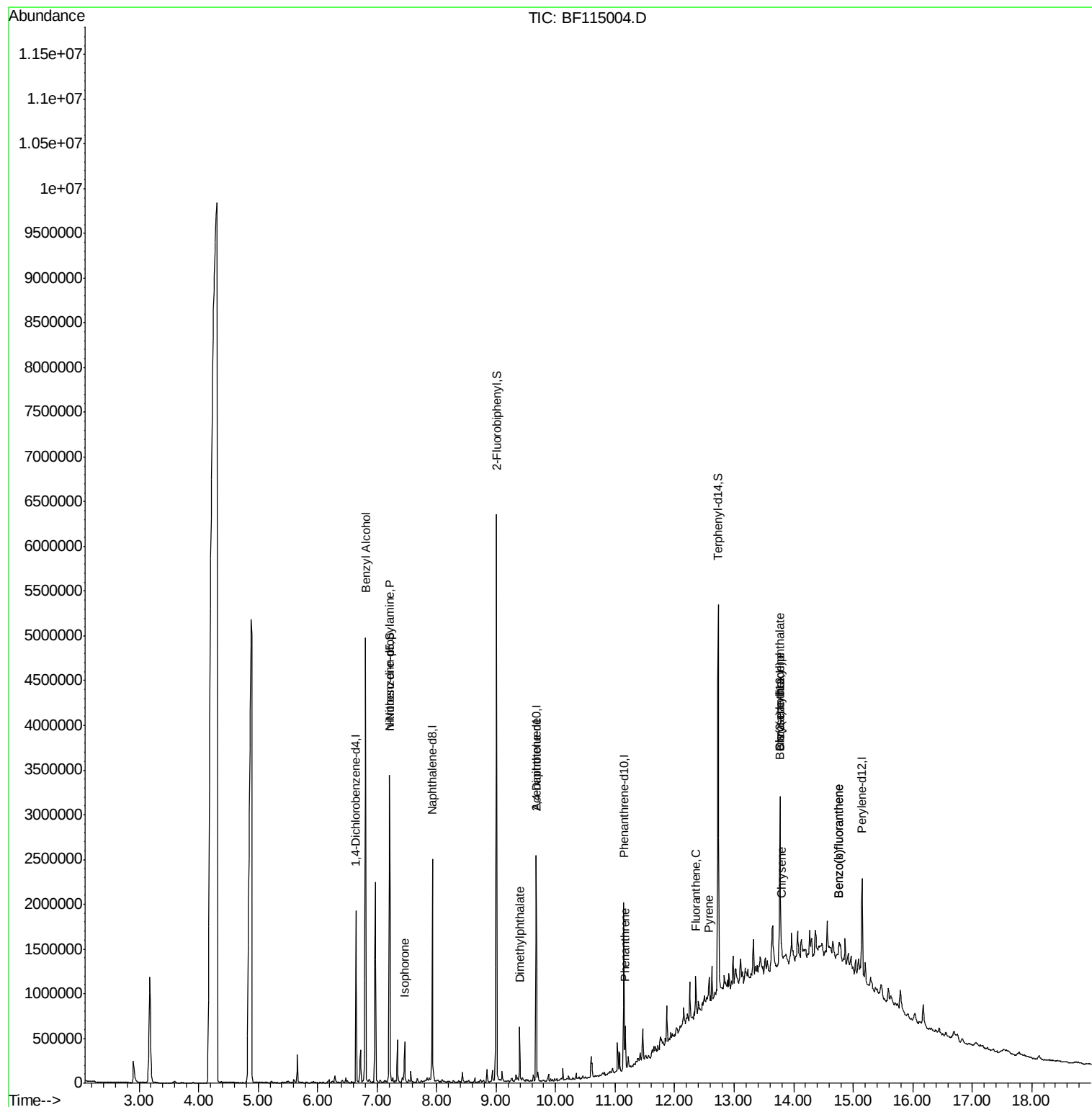
						Qvalue
9) Benzaldehyde	6.19	77	2192	Below Cal	#	71
15) Benzyl Alcohol	6.80	79	37225	2.473 ng	#	51
19) n-Nitroso-di-n-propylamine	7.21	70	155247	12.718 ng	#	77
25) Isophorone	7.46	82	161783	4.950 ng		96
50) Dimethylphthalate	9.40	163	239692	6.832 ng		98
57) 2,4-Dinitrotoluene	9.67	165	60882	6.010 ng	#	29
58) Fluorene	10.22	166	11678	Below Cal	#	95
71) Phenanthrene	11.17	178	174697	4.741 ng		96
75) Fluoranthene	12.35	202	166137	4.409 ng		99
78) Pyrene	12.57	202	137277	3.161 ng		97
81) Benzo(a)anthracene	13.76	228	71770	2.012 ng		98
83) Chrysene	13.80	228	77619	2.188 ng		96
84) Bis(2-ethylhexyl)phthalate	13.77	149	162443	6.777 ng		100
88) Benzo(b)fluoranthene	14.77	252	119953	3.558 ng	#	74
89) Benzo(k)fluoranthene	14.77	252	119953	4.053 ng	#	73

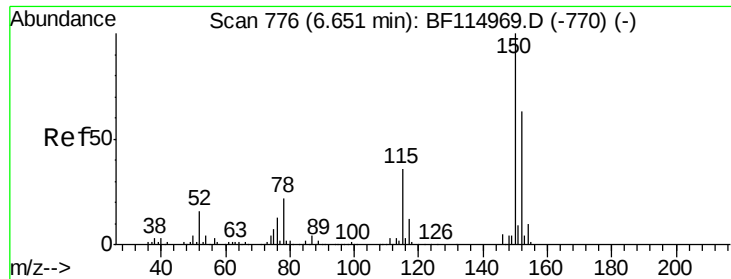
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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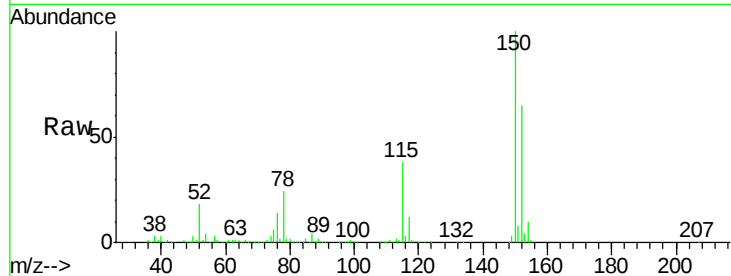


#1

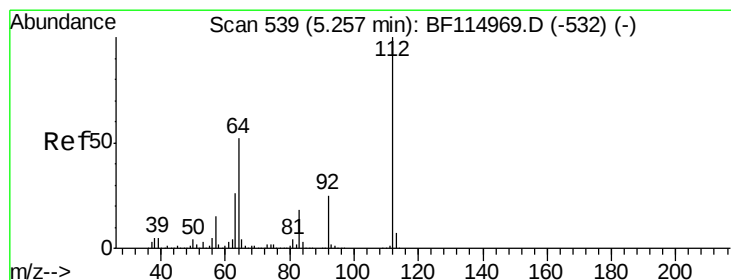
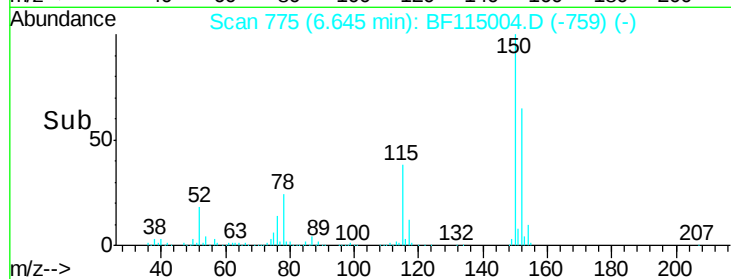
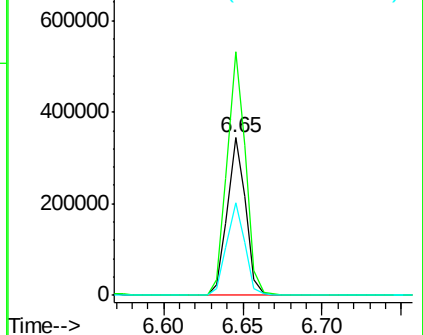
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-008

Tgt Ion:152 Resp: 278114
Ion Ratio Lower Upper
152 100
150 154.6 127.4 191.0
115 59.2 46.0 69.0



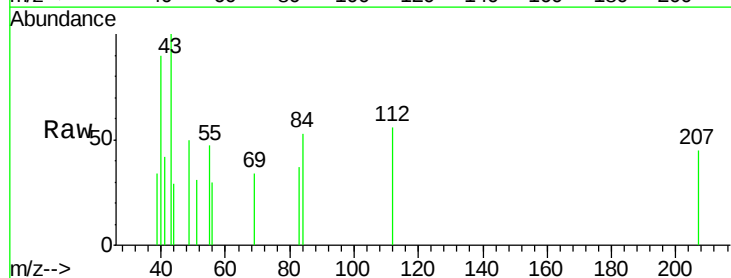
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



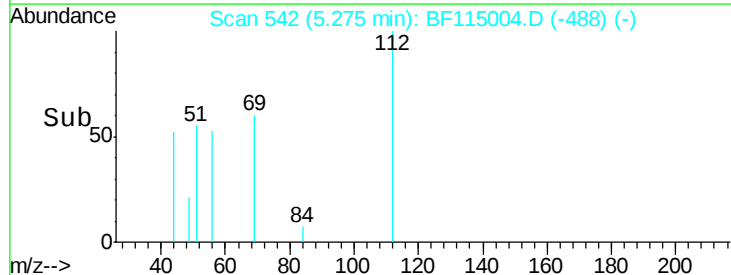
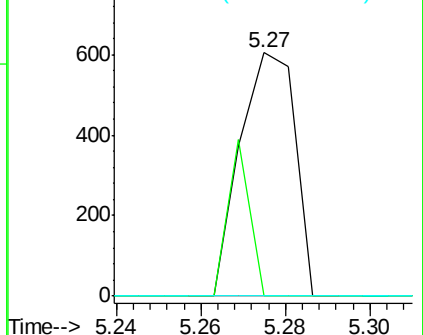
#5

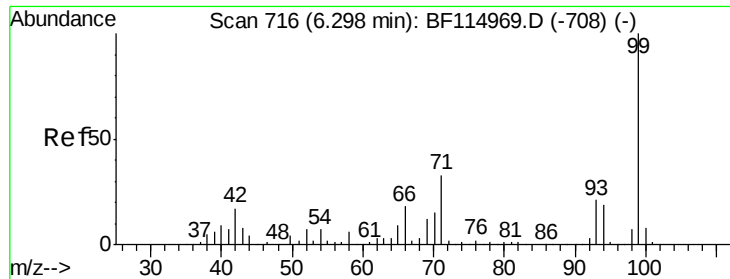
2-Fluorophenol
Concen: 0.033 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.02 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Tgt Ion:112 Resp: 546
Ion Ratio Lower Upper
112 100
64 0.0 41.6 62.4#
63 0.0 20.9 31.3#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 1.296 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-008

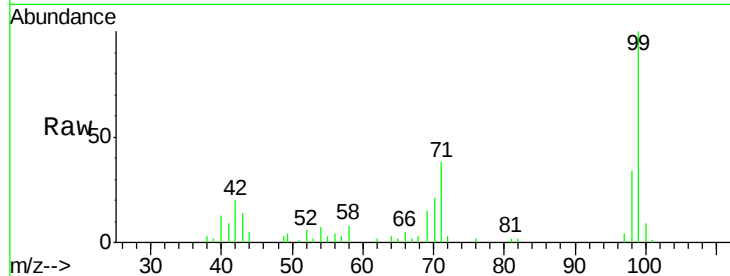
Tgt Ion: 99 Resp: 26031

Ion Ratio Lower Upper

99 100

42 19.7 13.4 20.2

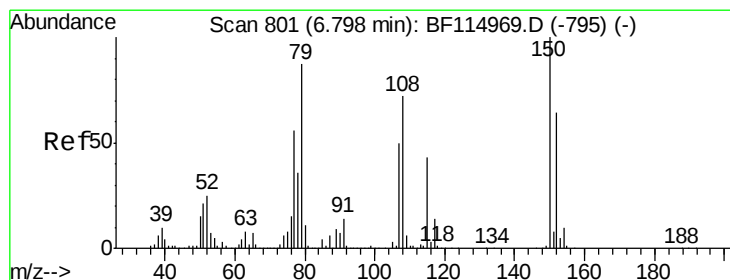
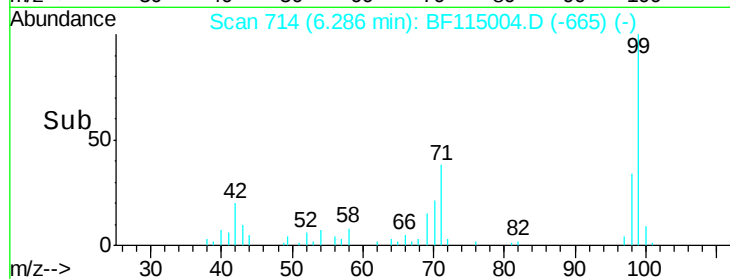
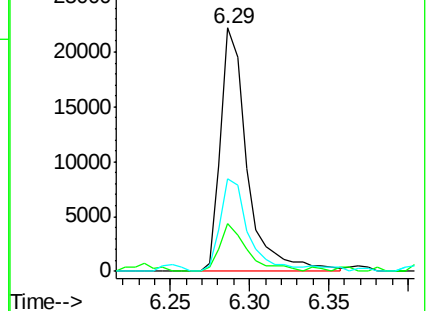
71 38.1 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.473 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

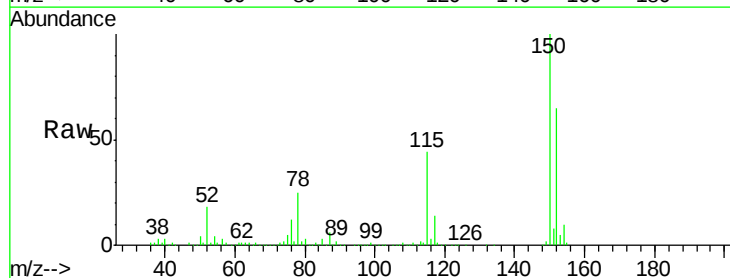
Tgt Ion: 79 Resp: 37225

Ion Ratio Lower Upper

79 100

108 38.0 66.0 99.0#

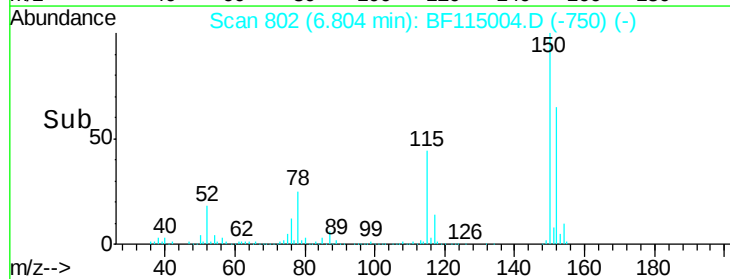
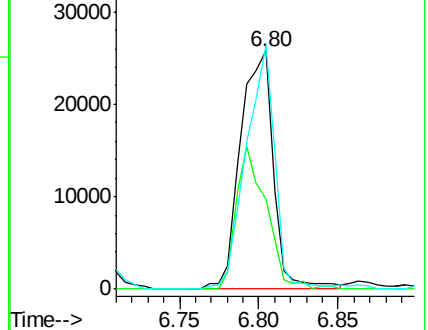
77 102.2 51.1 76.7#

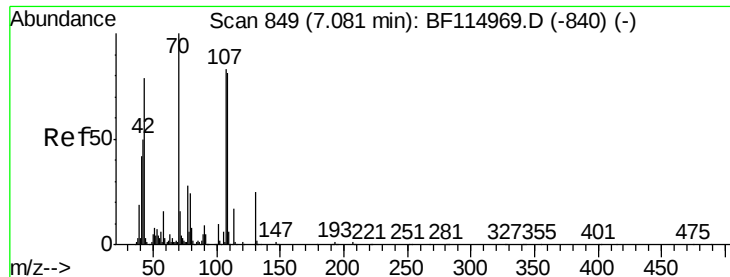


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF1

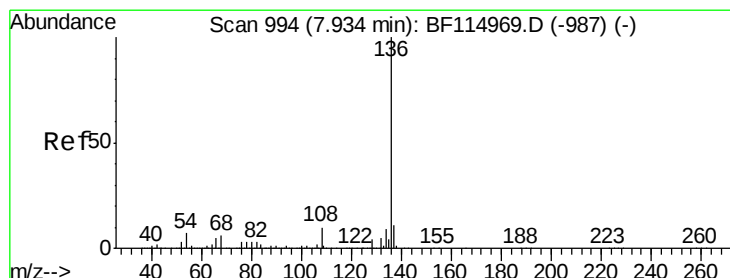
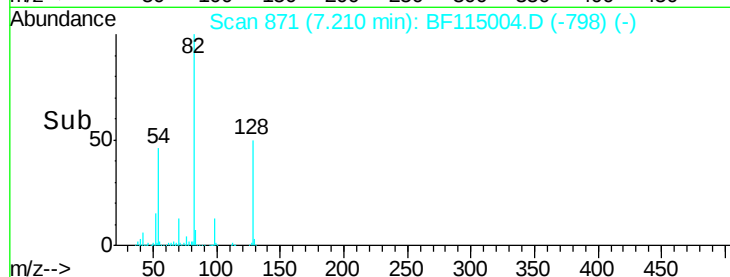
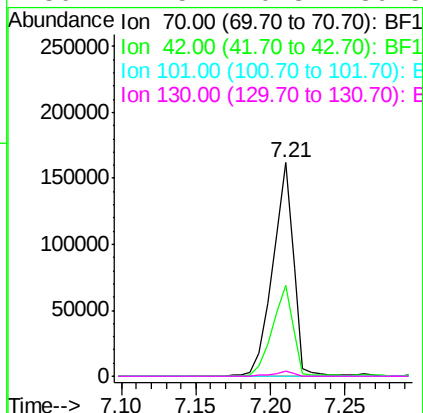
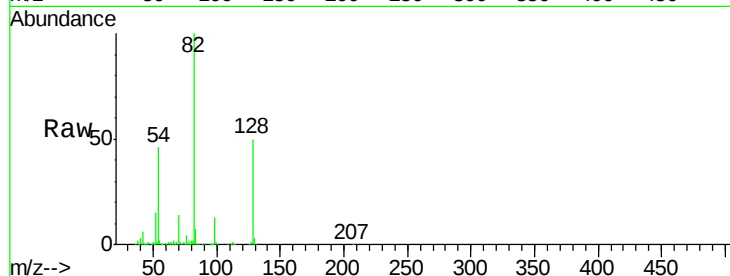




#19
n-Nitroso-di-n-propylamine
Concen: 12.718 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.13 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

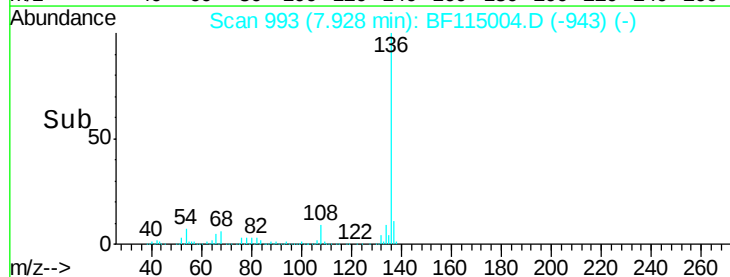
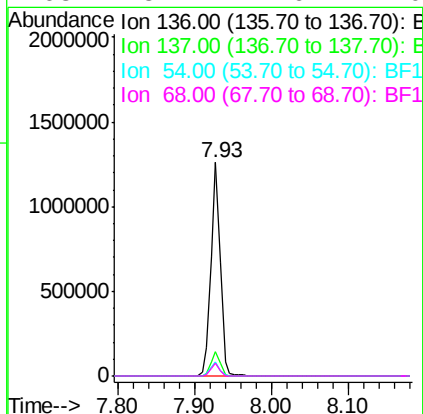
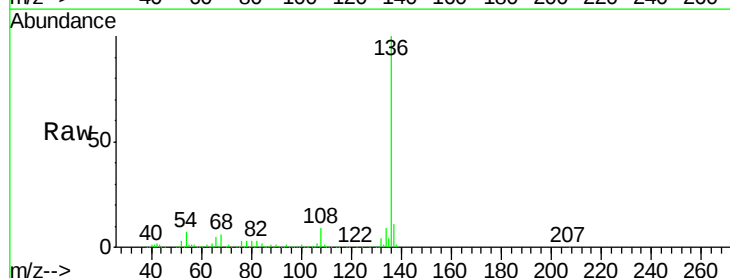
Instrument :
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FK-0D015-03-008

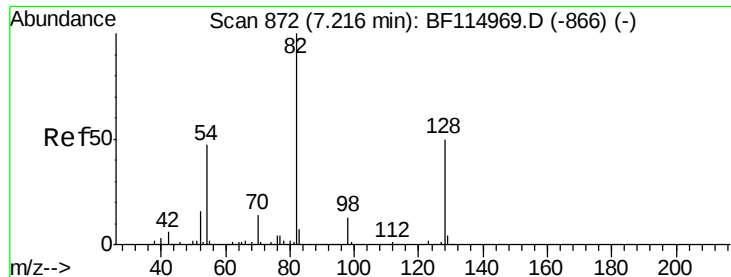
Tgt Ion:	70	Resp:	155247
Ion	Ratio	Lower	Upper
70	100		
42	42.6	40.3	60.5
101	0.0	8.2	12.4#
130	2.5	20.3	30.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Tgt Ion:	136	Resp:	1050334
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.4	8.0
68	5.7	4.6	7.0

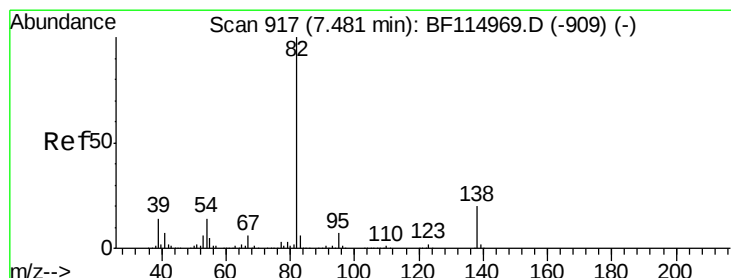
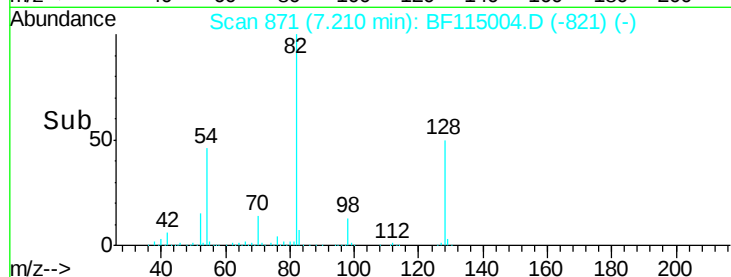
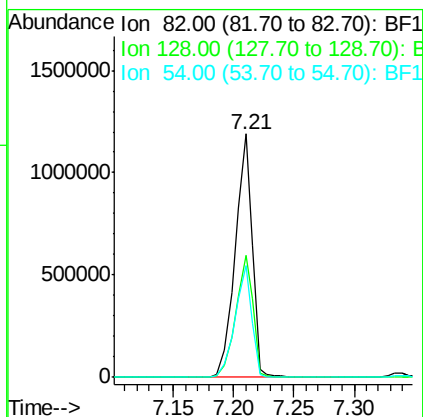
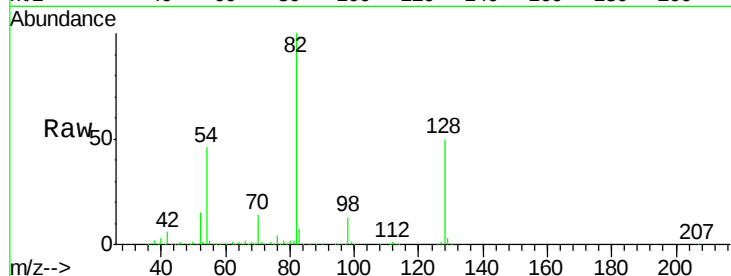




#23
 Nitrobenzene-d5
 Concen: 66.873 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115004.D
 Acq: 13 Jun 2019 15:38

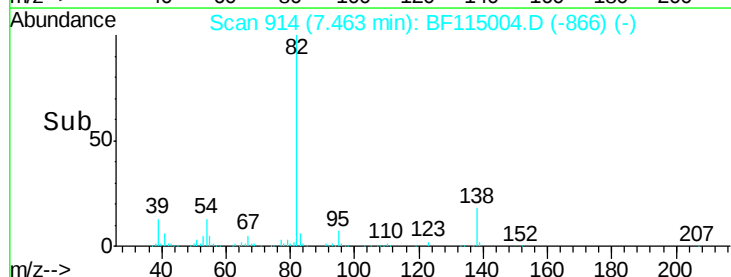
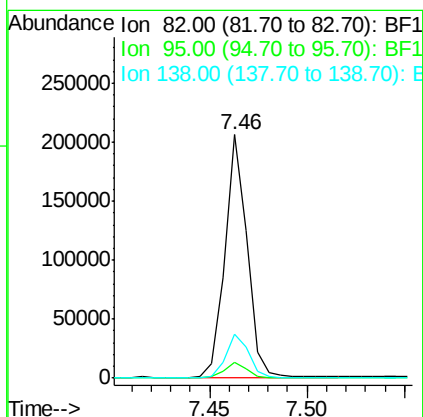
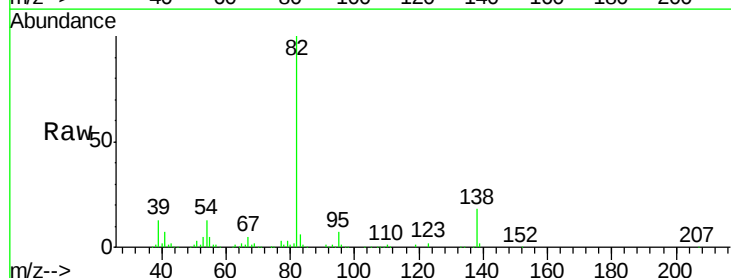
Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-008

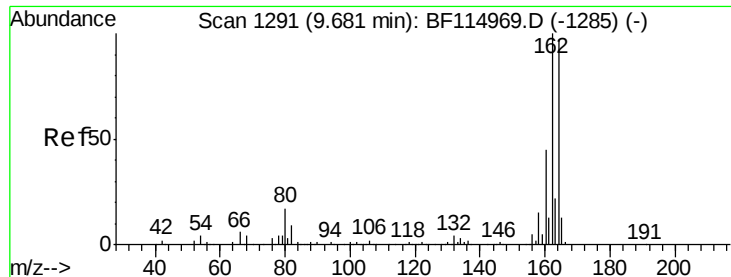
Tgt Ion: 82 Resp: 1166905
 Ion Ratio Lower Upper
 82 100
 128 50.0 39.9 59.9
 54 45.8 37.3 55.9



#25
 Isophorone
 Concen: 4.950 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BF115004.D
 Acq: 13 Jun 2019 15:38

Tgt Ion: 82 Resp: 161783
 Ion Ratio Lower Upper
 82 100
 95 6.6 5.6 8.4
 138 17.9 16.1 24.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-008

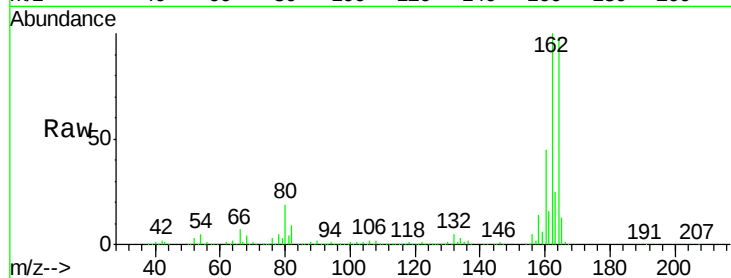
Tgt Ion:164 Resp: 466534

Ion Ratio Lower Upper

164 100

162 102.4 82.6 124.0

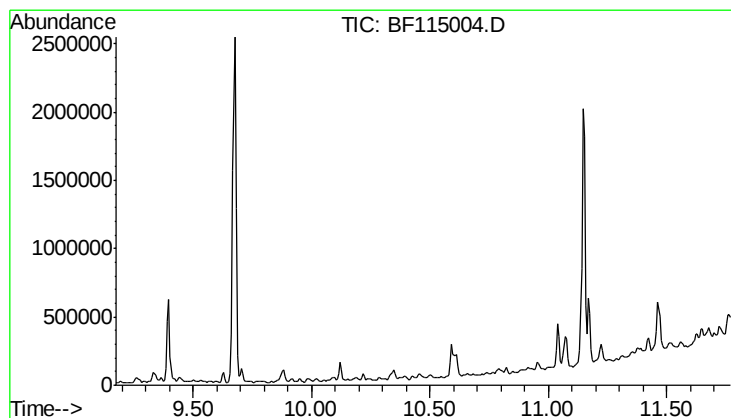
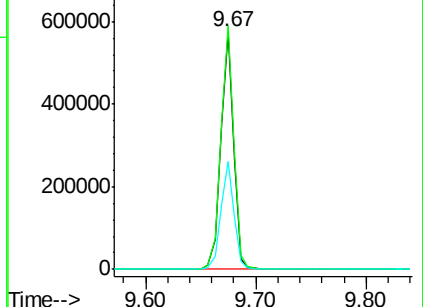
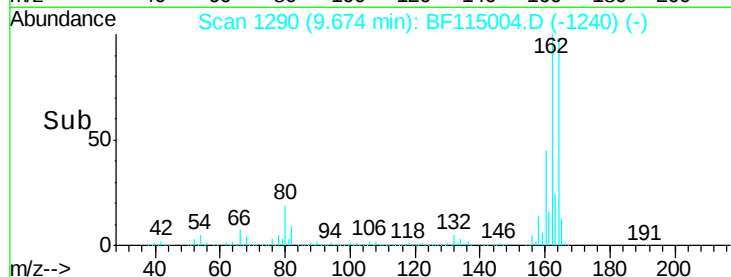
160 45.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.47 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

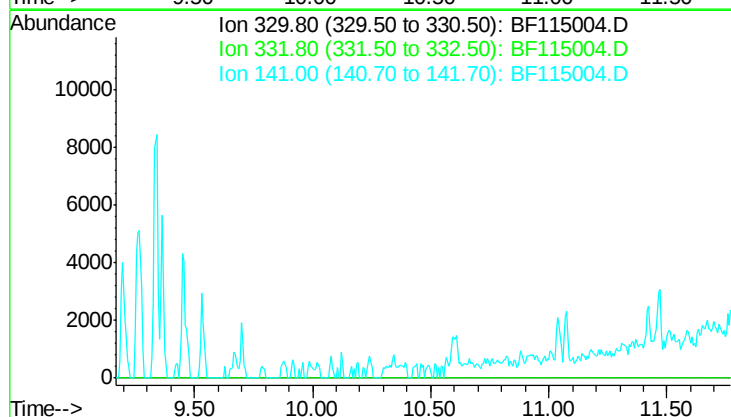
Tgt Ion: 330

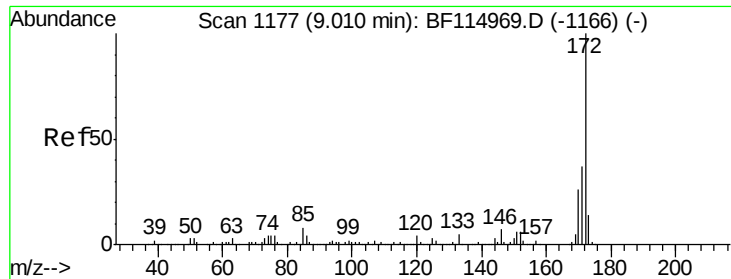
Sig Exp Ratio

330 100

332 97.0

141 34.0

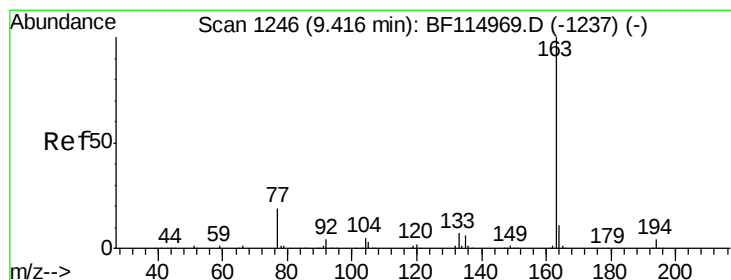
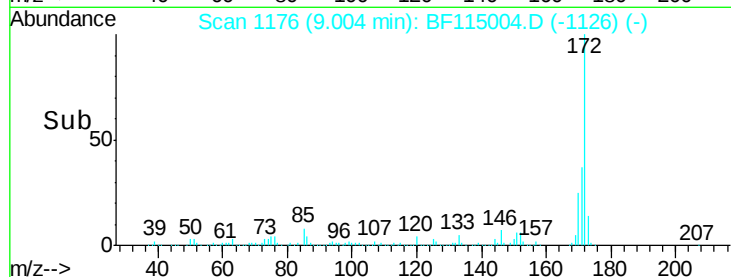
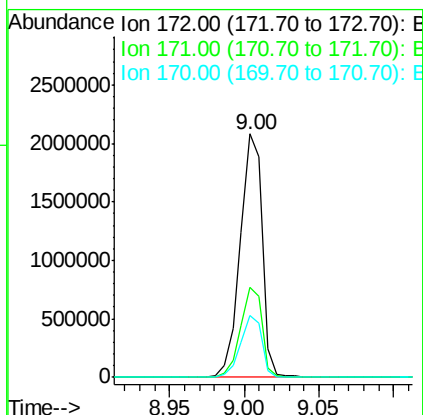
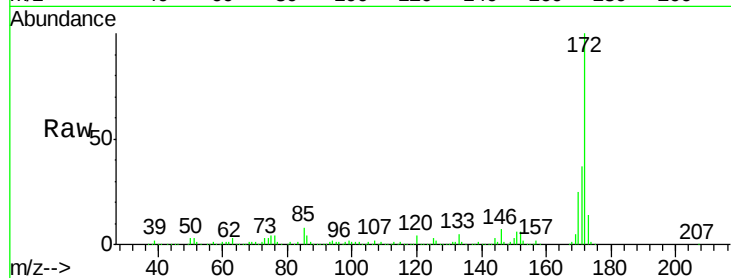




#45
2-Fluorobiphenyl
Concen: 77.769 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

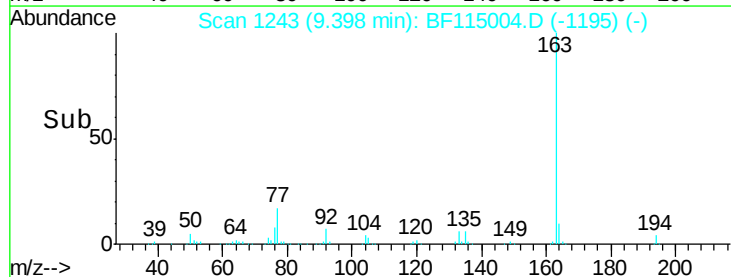
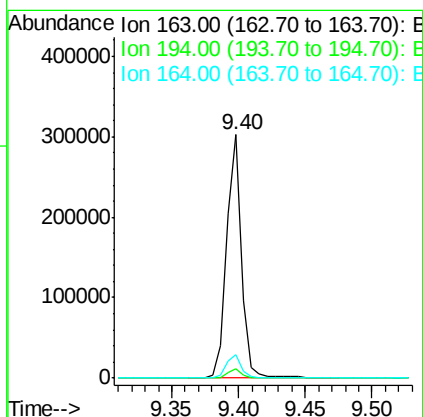
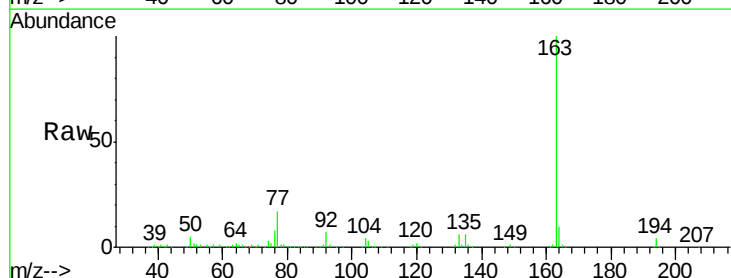
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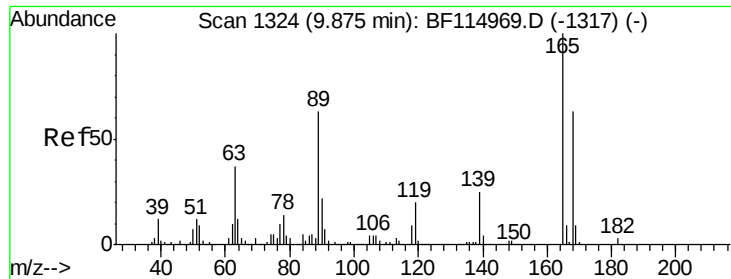
Tgt Ion:172 Resp: 2140725
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.2 20.6 31.0



#50
Dimethylphthalate
Concen: 6.832 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Tgt Ion:163 Resp: 239692
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 8.6 12.8

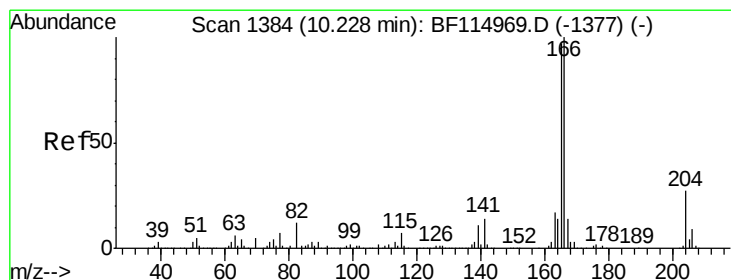
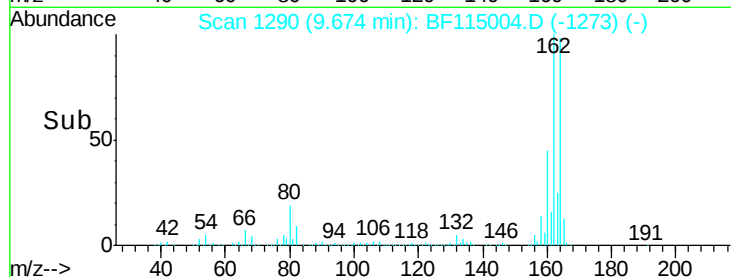
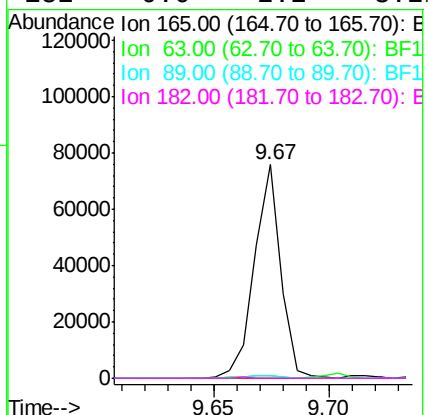
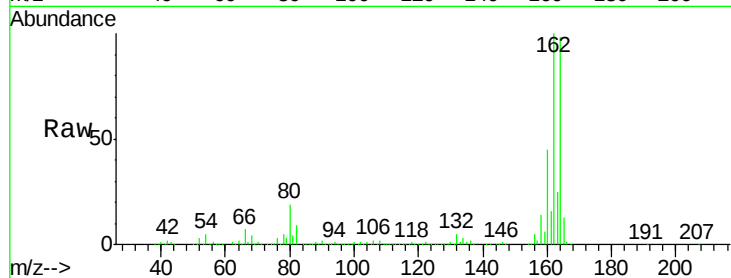




#57
 2,4-Dinitrotoluene
 Concen: 6.010 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.20 min
 Lab File: BF115004.D
 Acq: 13 Jun 2019 15:38

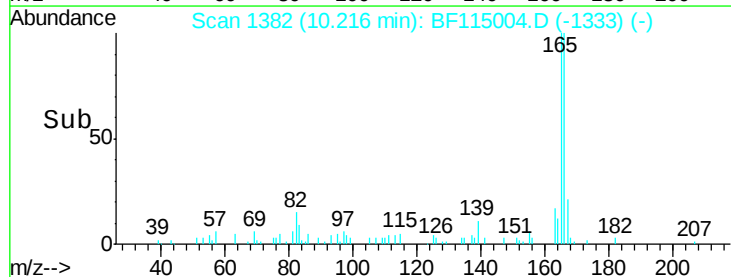
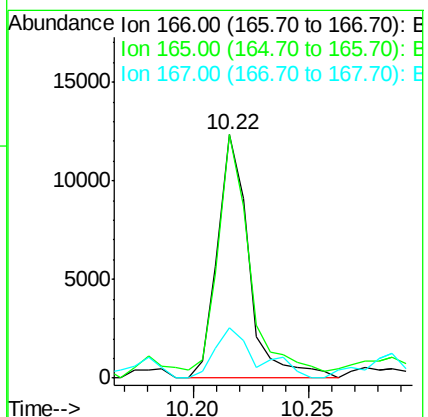
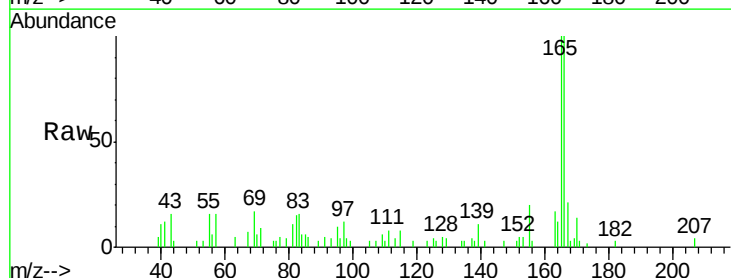
Instrument :
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 FK-0D015-03-008

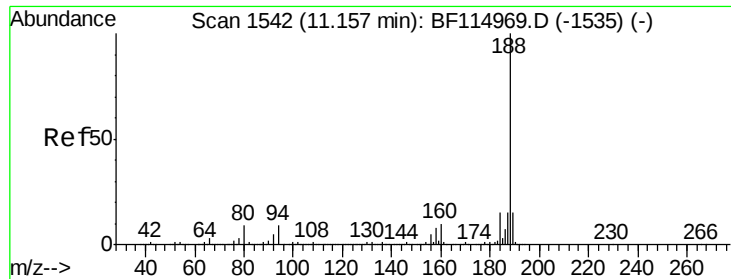
Tgt Ion:	165	Resp:	60882
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.3	50.6	75.8#
182	0.0	2.2	3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF115004.D
 Acq: 13 Jun 2019 15:38

Tgt Ion:	166	Resp:	11678
Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.6	116.4
167	20.7	11.0	16.4#

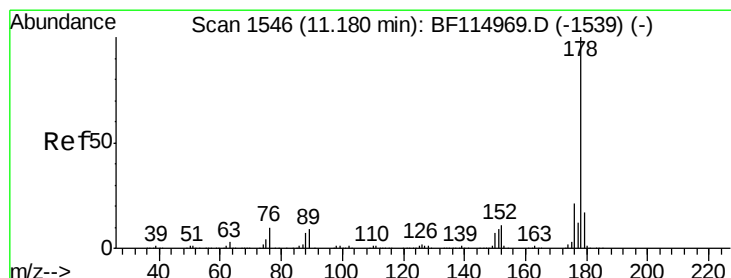
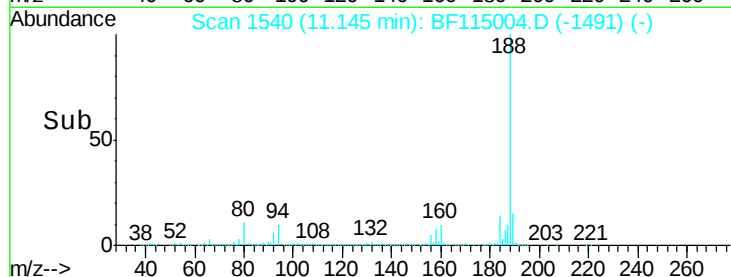
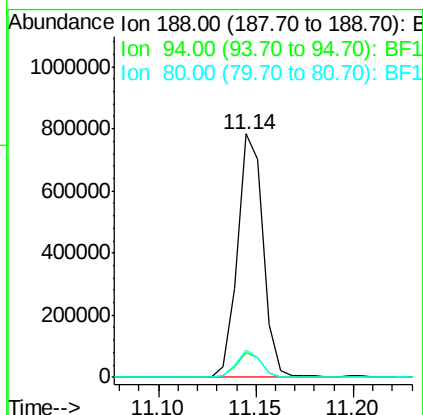
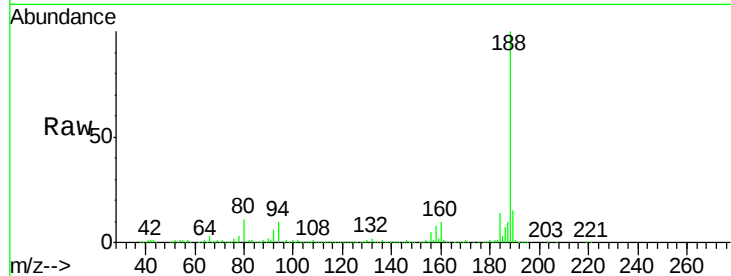




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

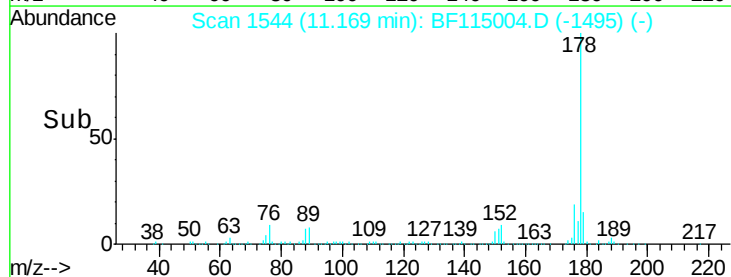
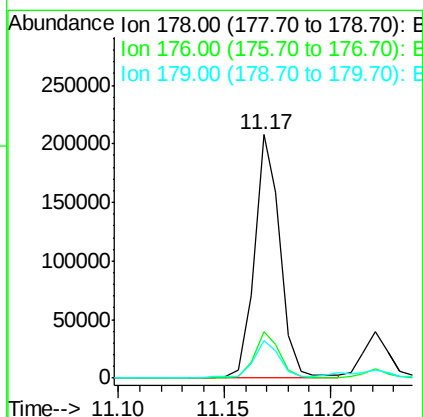
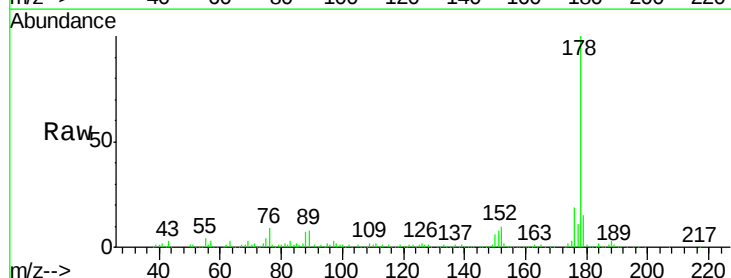
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-008

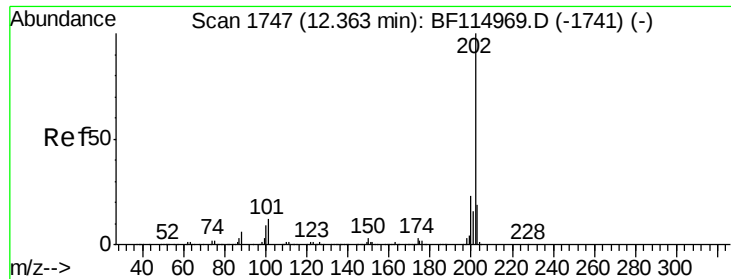
Tgt Ion:188 Resp: 713704
Ion Ratio Lower Upper
188 100
94 10.2 7.2 10.8
80 11.3 7.4 11.2#



#71
Phenanthrene
Concen: 4.741 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Tgt Ion:178 Resp: 174697
Ion Ratio Lower Upper
178 100
176 19.0 16.9 25.3
179 15.4 13.4 20.0





#75

Fluoranthene

Concen: 4.409 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

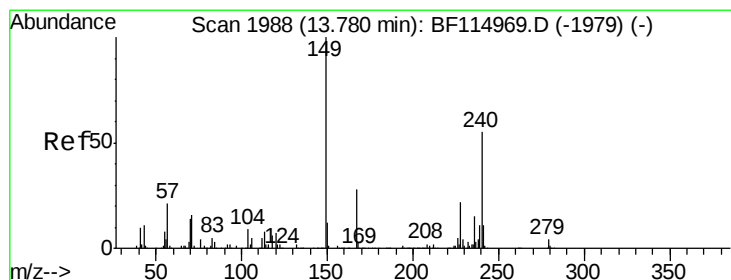
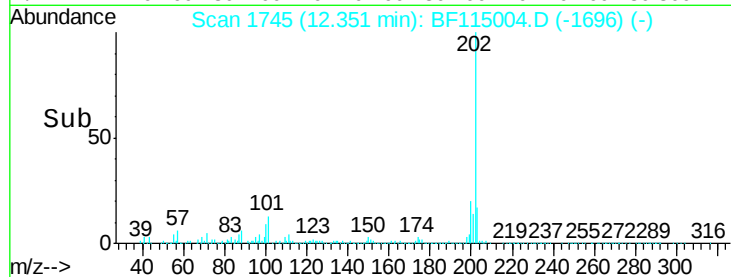
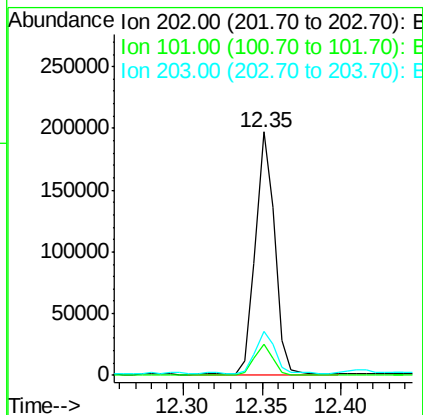
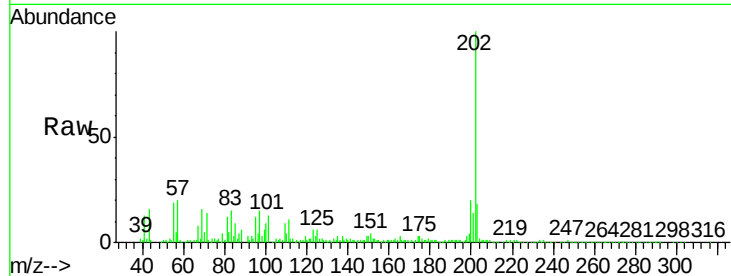
Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-008

Tgt Ion:	202	Resp:	166137
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.4
203	18.0	0.0	38.6



#76

Chrysene-d12

Concen: 20.000 ng

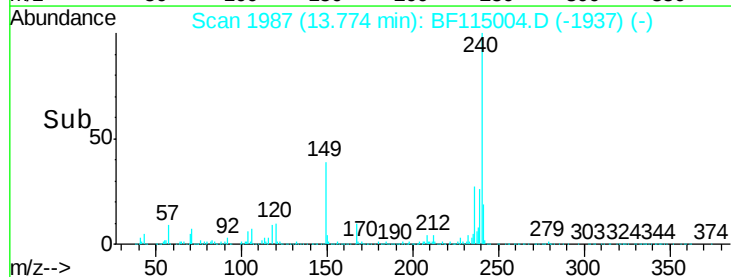
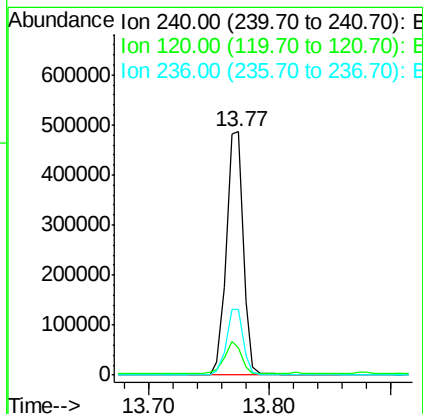
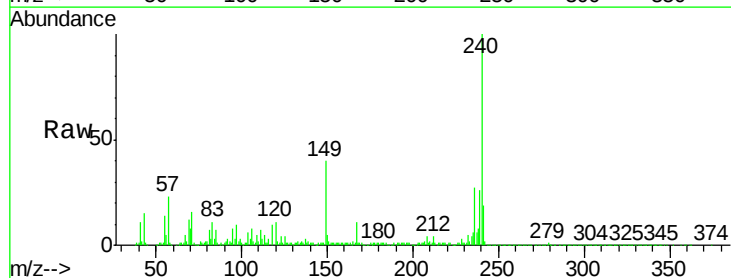
RT: 13.77 min Scan# 1987

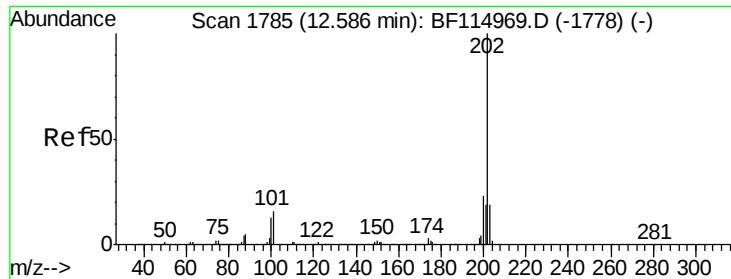
Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Tgt Ion:	240	Resp:	476653
Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.0	15.0
236	26.9	21.6	32.4

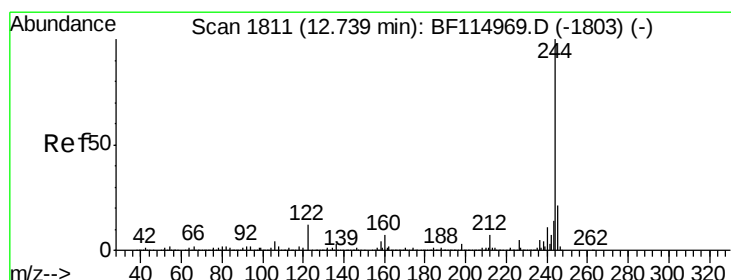
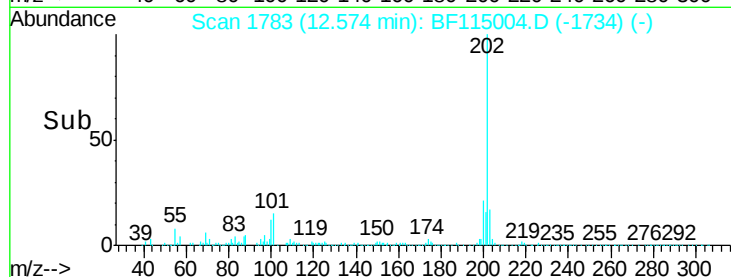
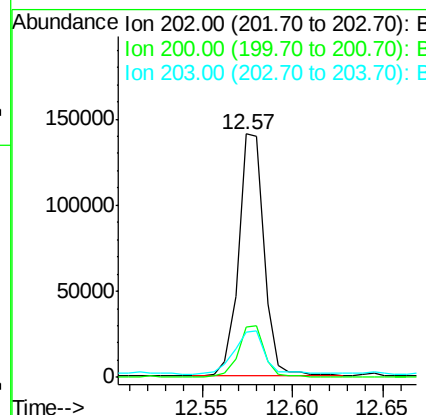
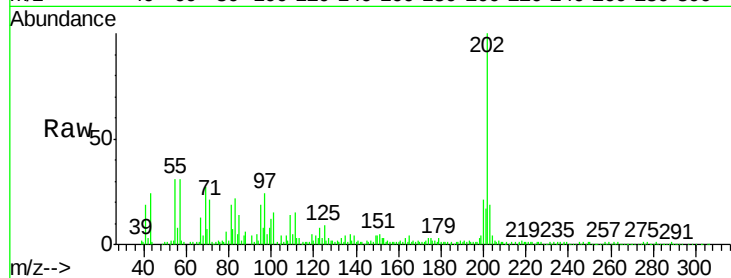




#78
Pyrene
Concen: 3.161 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

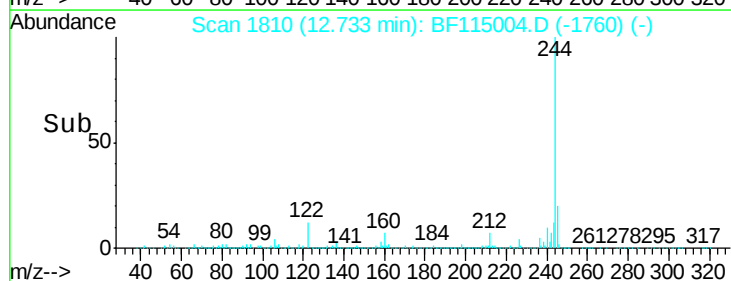
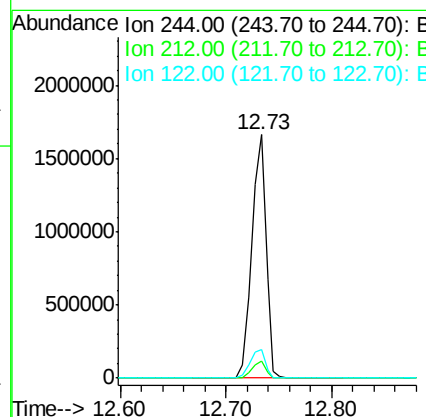
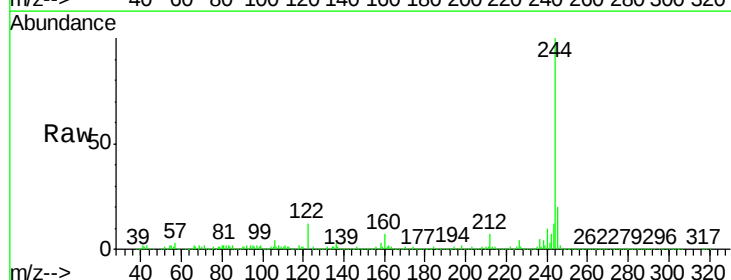
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-008

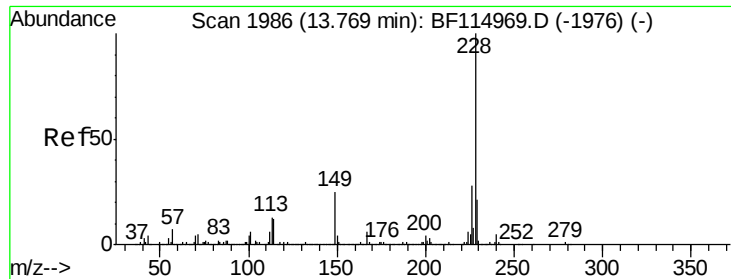
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.4	27.6
203	18.5	14.9	22.3



#79
Terphenyl-d14
Concen: 61.237 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.8	9.4	14.0





#81

Benzo(a)anthracene

Concen: 2.012 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-008

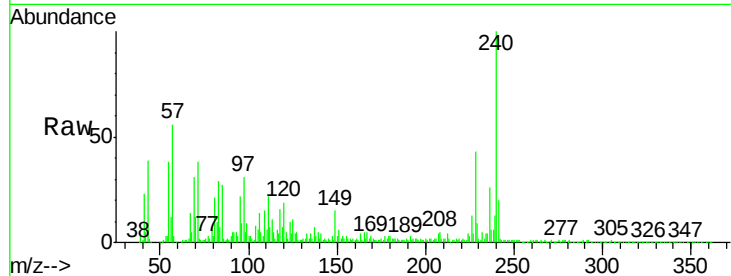
Tgt Ion:228 Resp: 71770

Ion Ratio Lower Upper

228 100

226 29.3 22.0 33.0

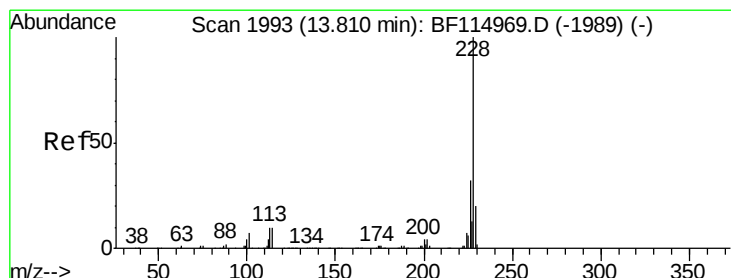
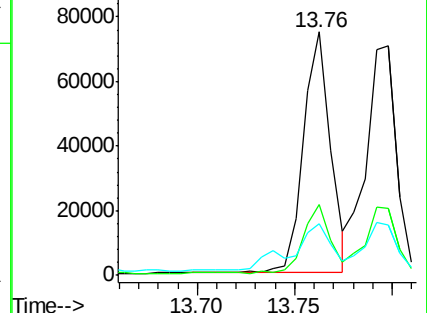
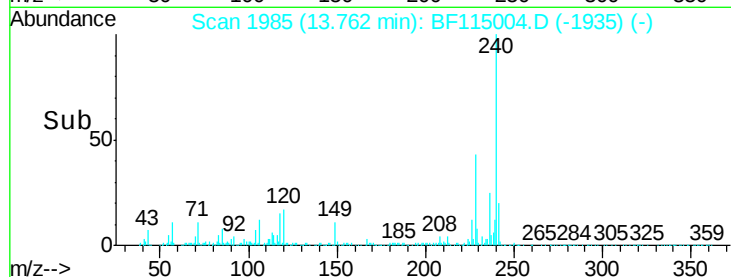
229 21.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.188 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

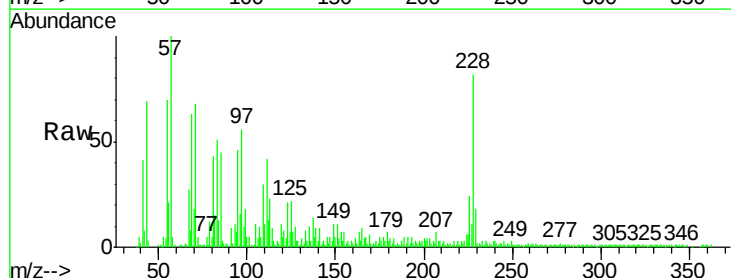
Tgt Ion:228 Resp: 77619

Ion Ratio Lower Upper

228 100

226 28.9 25.4 38.0

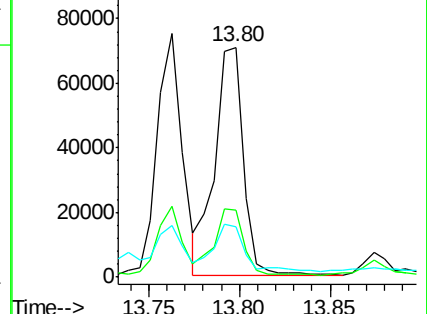
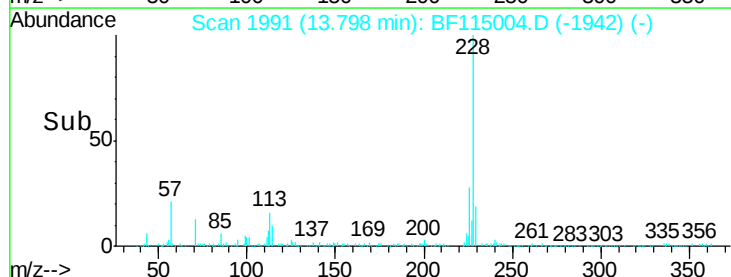
229 21.8 16.4 24.6

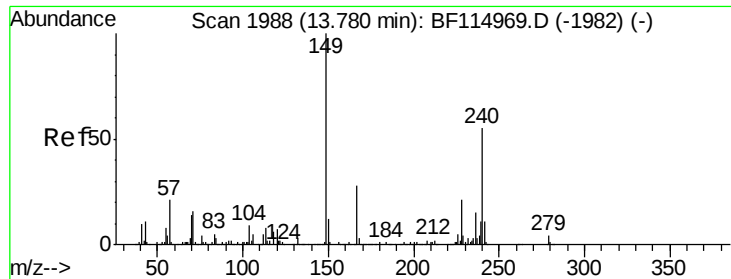


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.777 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-008

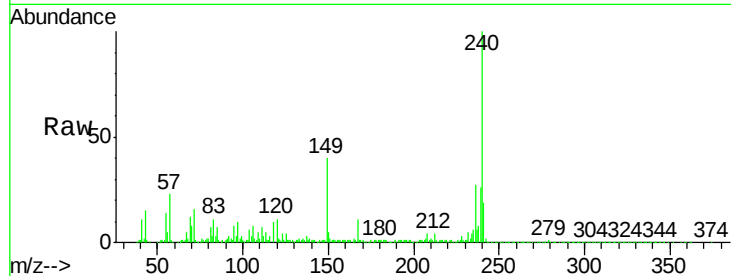
Tgt Ion:149 Resp: 162443

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

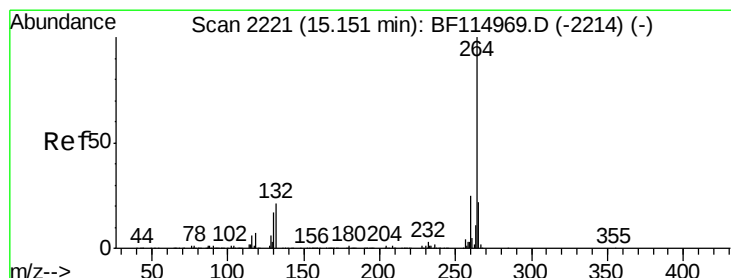
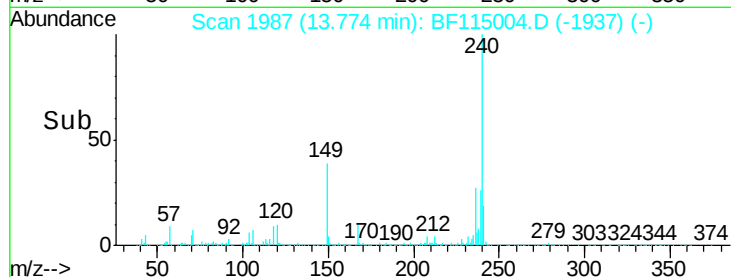
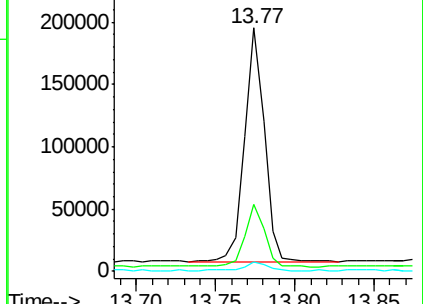
279 3.7 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

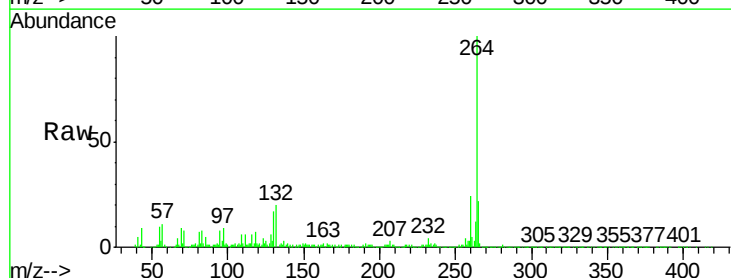
Tgt Ion:264 Resp: 507174

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

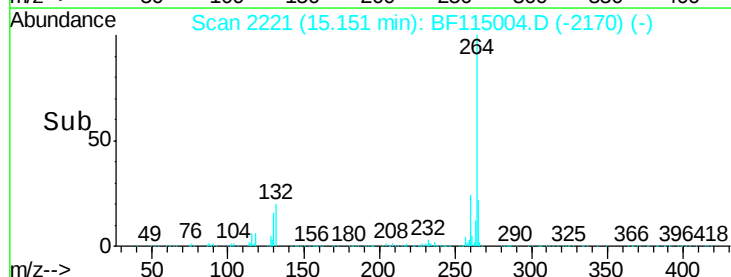
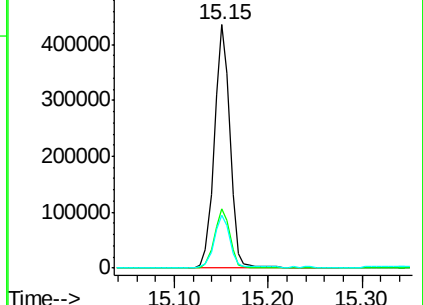
265 21.8 17.6 26.4

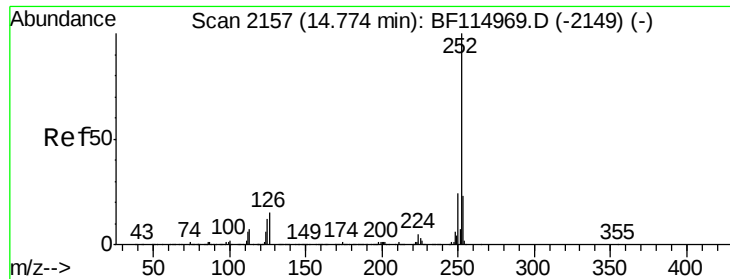


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 3.558 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

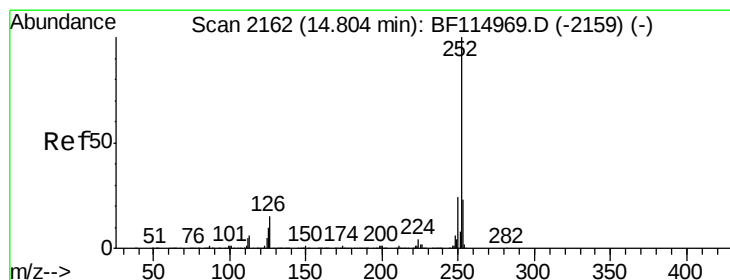
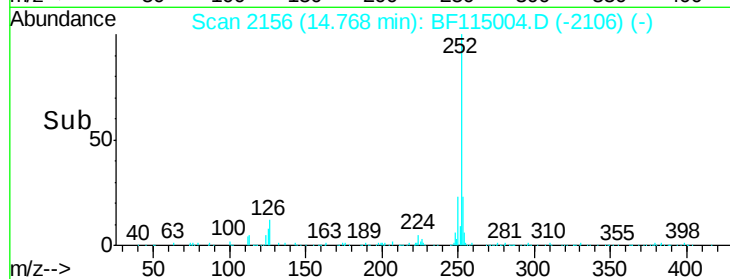
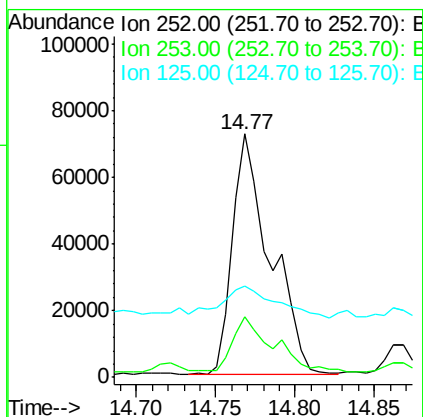
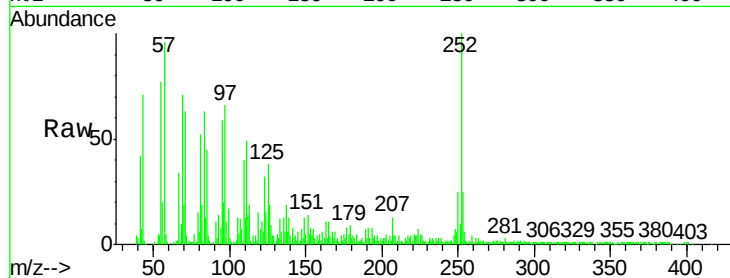
Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-008

Tgt Ion:	252	Resp:	119953
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.1	27.1
125	37.8	9.4	14.0#



#89

Benzo(k)fluoranthene

Concen: 4.053 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Tgt Ion:	252	Resp:	119953
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.0	27.0
125	37.8	8.2	12.4#

