

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108203.D
 Acq On : 16 Aug 2018 18:59
 Operator : JU/SJ
 Sample : J4474-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-SV28570L

Quant Time: Aug 17 04:05:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	185739	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	652001	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	283614	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	437428	20.00	ng	0.00
75) Chrysene-d12	14.21	240	404446	20.00	ng	0.00
86) Perylene-d12	15.78	264	359213	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	618659	60.30	ng	0.01
7) Phenol-d6	6.63	99	509885	37.40	ng	0.00
23) Nitrobenzene-d5	7.58	82	1055420	90.33	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	332791	117.64	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1756790	99.45	ng	0.00
78) Terphenyl-d14	13.15	244	1424681	89.56	ng	0.00

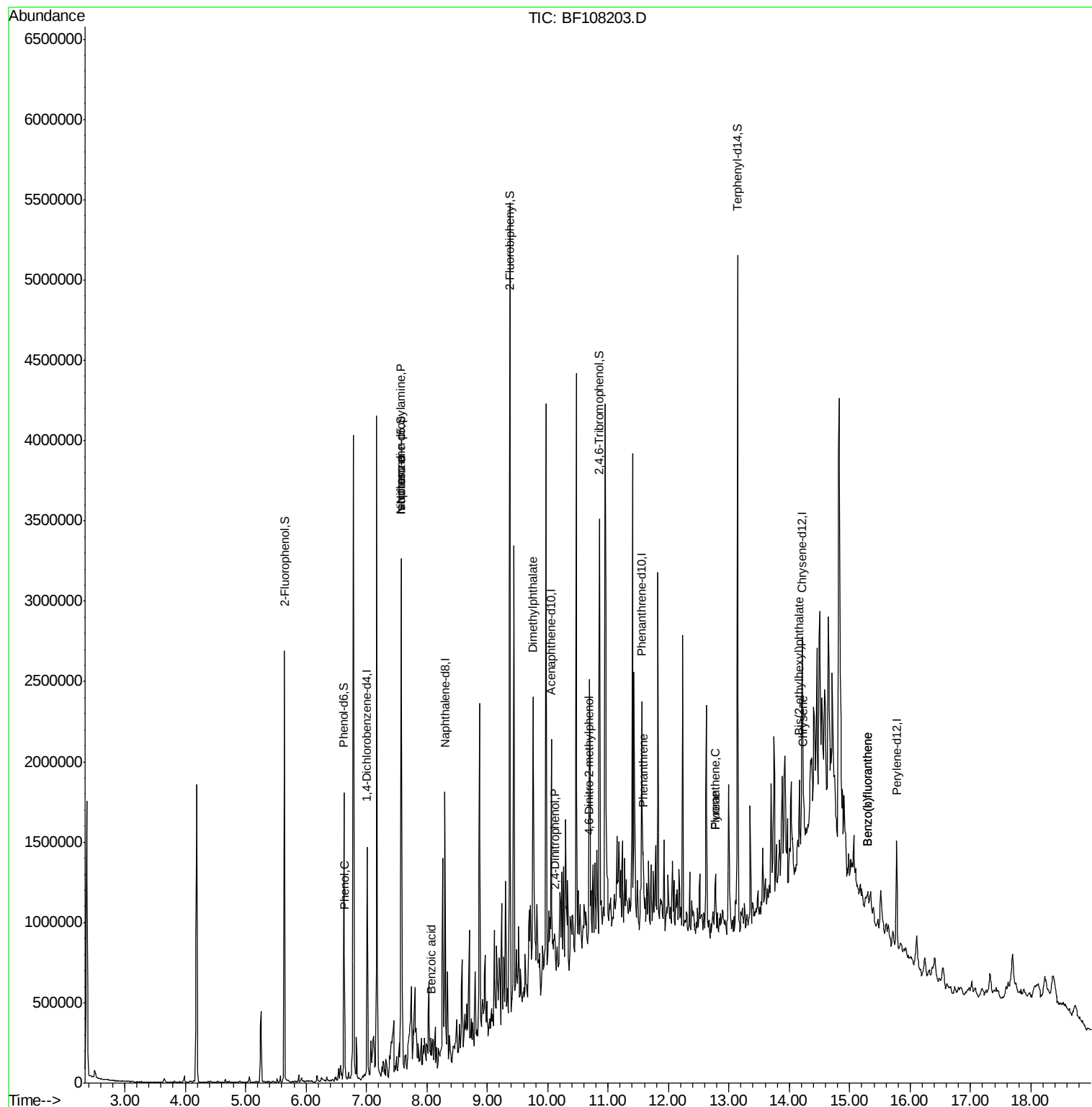
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.64	94	45680	3.239	ng	95
19) n-Nitroso-di-n-propylamine	7.58	70	157578	17.092	ng	# 84
25) Isophorone	7.58	82	1050638	47.176	ng	# 64
32) Benzoic acid	8.07	122	2465	6.351	ng	# 27
49) Dimethylphthalate	9.77	163	233534	11.821	ng	# 98
53) 2,4-Dinitrophenol	10.11	184	108	7.084	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.67	198	113	5.420	ng	# 1
70) Phenanthrene	11.58	178	48654	2.358	ng	# 95
74) Fluoranthene	12.78	202	115980	5.151	ng	93
77) Pyrene	12.78	202	115980	4.529	ng	96
82) Chrysene	14.24	228	47598	2.237	ng	# 94
83) Bis(2-ethylhexyl)phthalate	14.17	149	120275	8.735	ng	96
87) Benzo(b)fluoranthene	15.31	252	71849	3.347	ng	# 71
88) Benzo(k)fluoranthene	15.31	252	71849	3.641	ng	# 74

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

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Quant Time: Aug 17 04:05:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration



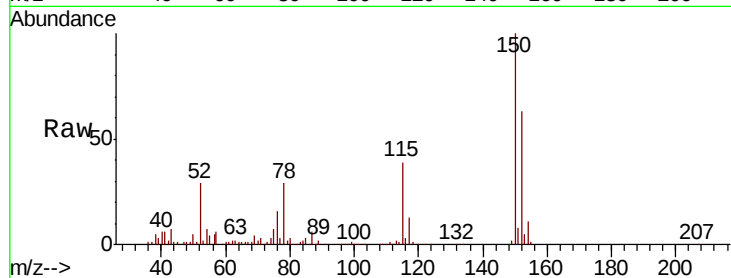


#1

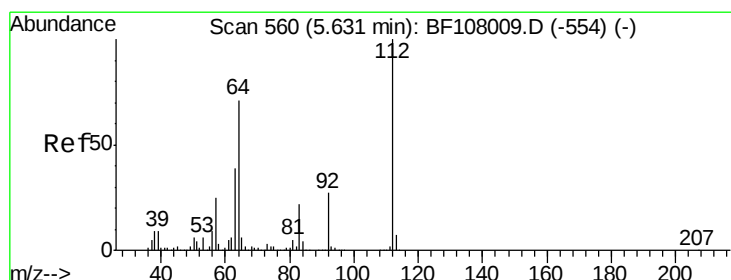
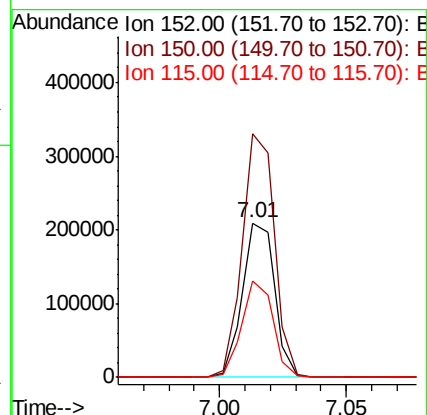
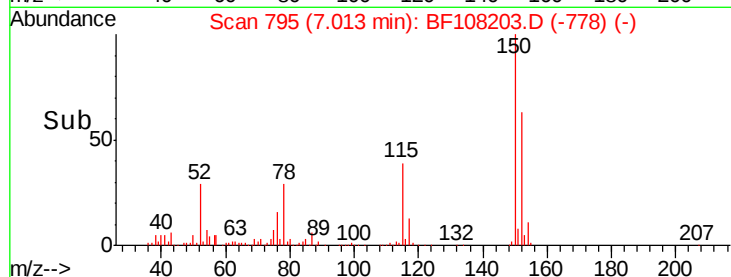
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion:152 Resp: 185739
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 62.4 50.1 75.1



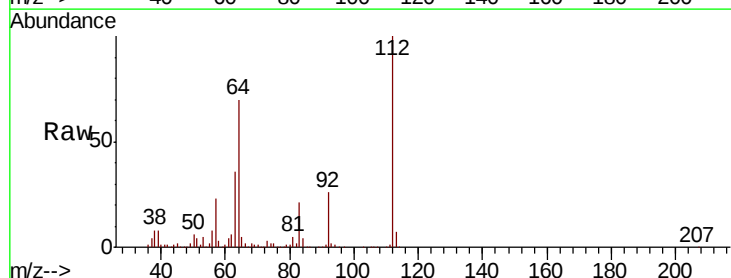
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



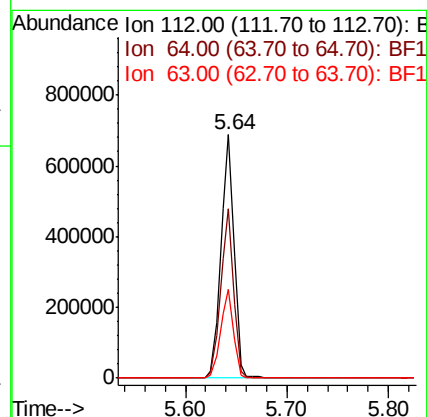
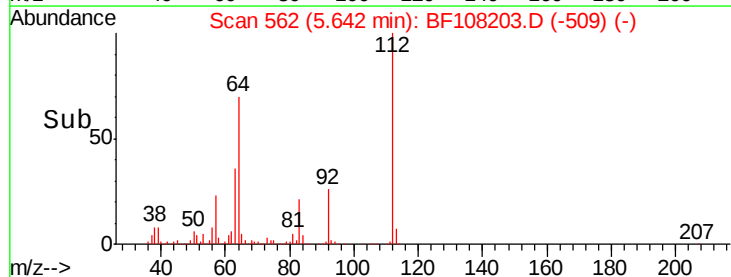
#5

2-Fluorophenol
Concen: 60.303 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:112 Resp: 618659
Ion Ratio Lower Upper
112 100
64 69.5 47.9 71.9
63 36.3 23.7 35.5#



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: 37.400 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SV28570L

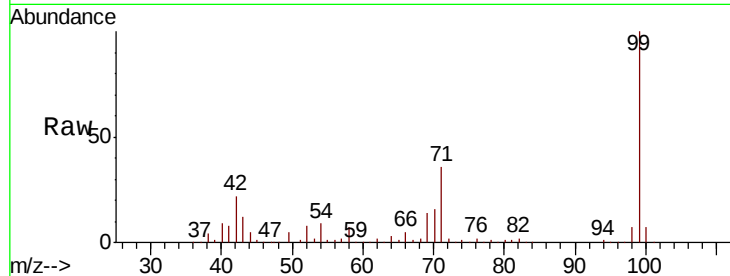
Tgt Ion: 99 Resp: 509885

Ion Ratio Lower Upper

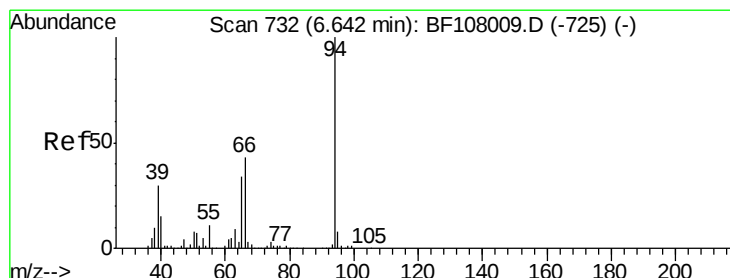
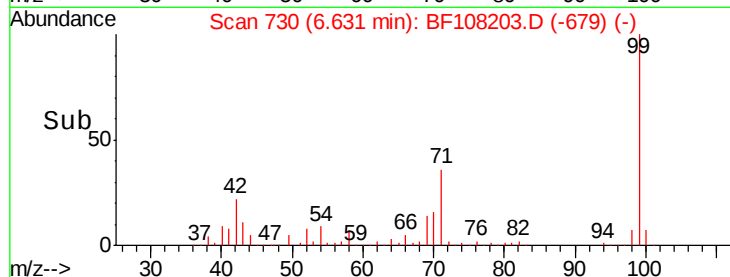
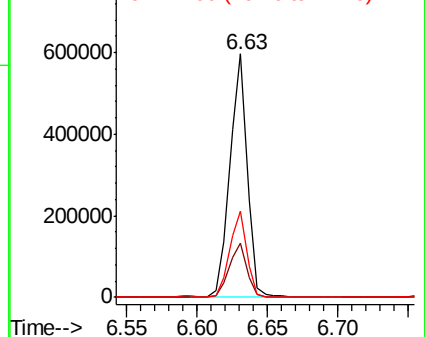
99 100

42 22.2 14.5 21.7#

71 35.5 25.4 38.0



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



#10

Phenol

Concen: 3.239 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

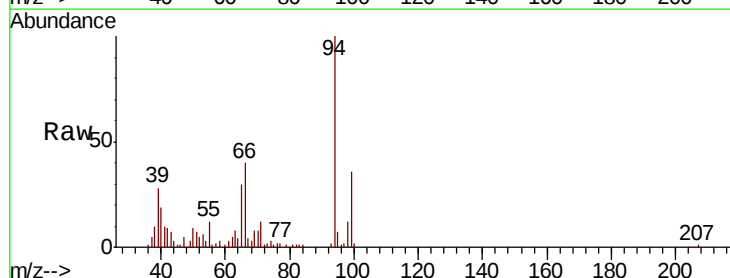
Tgt Ion: 94 Resp: 45680

Ion Ratio Lower Upper

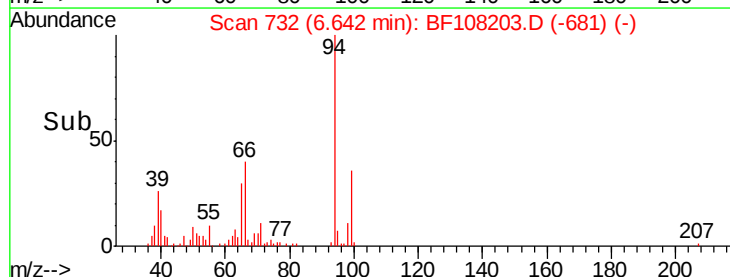
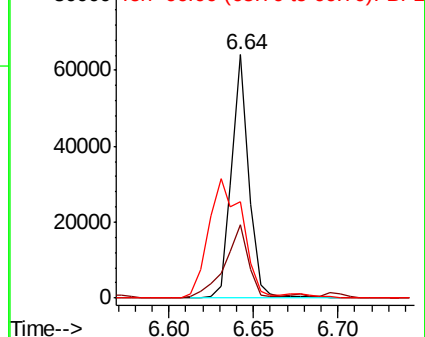
94 100

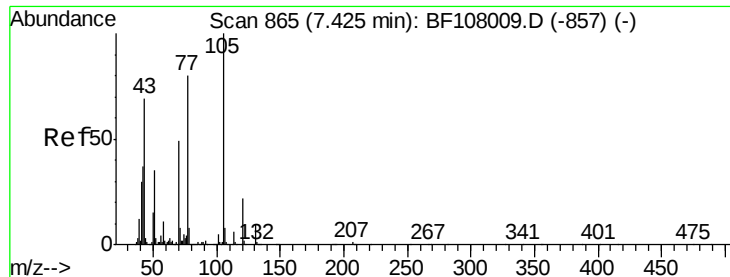
65 30.3 7.9 47.9

66 39.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

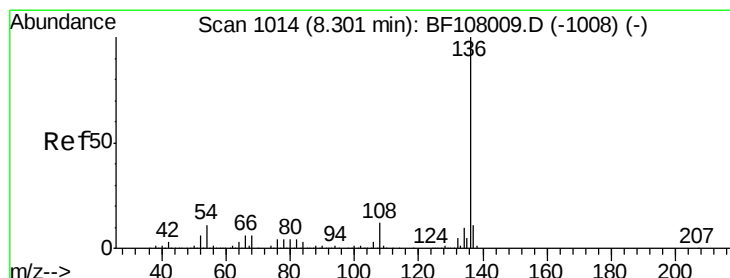
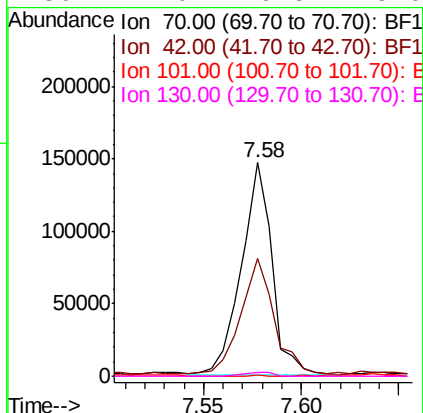
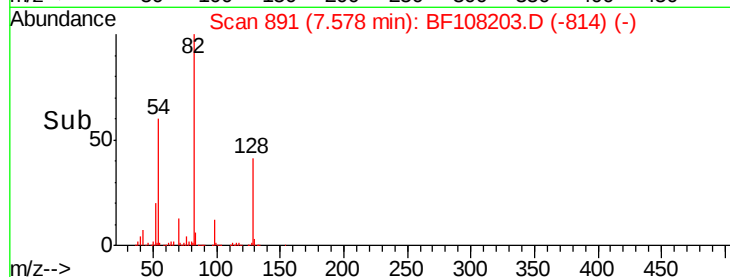
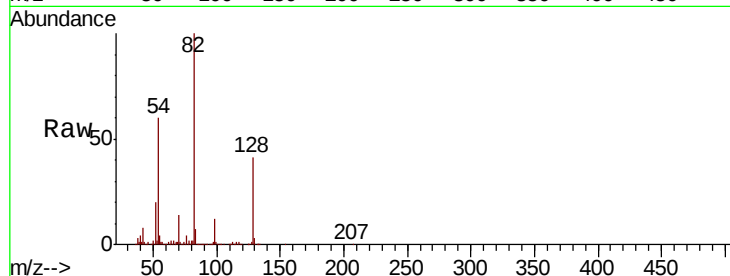




#19
n-Nitroso-di-n-propylamine
Concen: 17.092 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

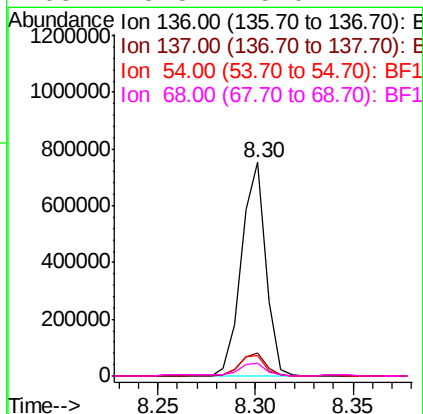
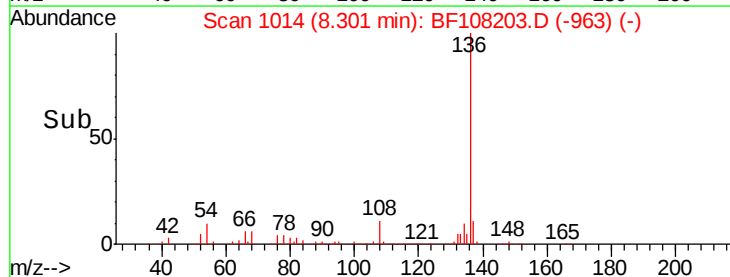
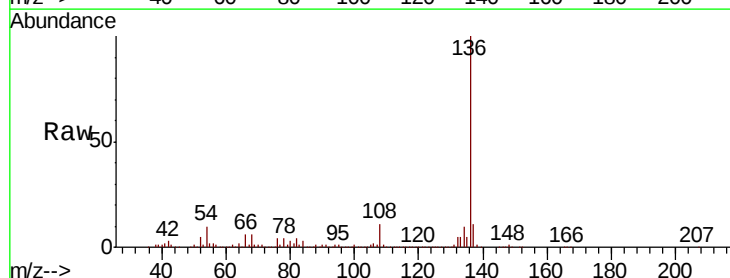
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

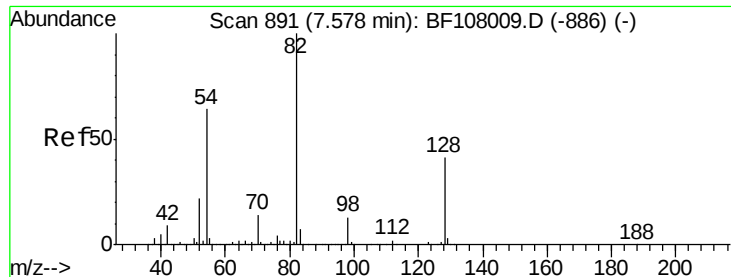
Tgt Ion: 70 Resp: 157578
Ion Ratio Lower Upper
70 100
42 55.2 47.5 71.3
101 0.4 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion: 136 Resp: 652001
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.7 6.6 9.8
68 5.8 5.0 7.4

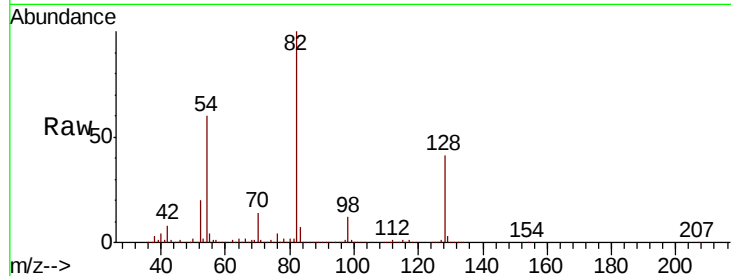




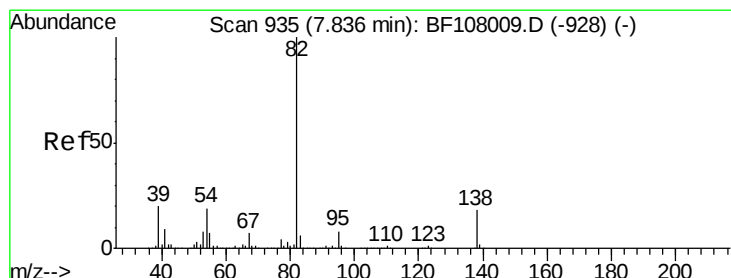
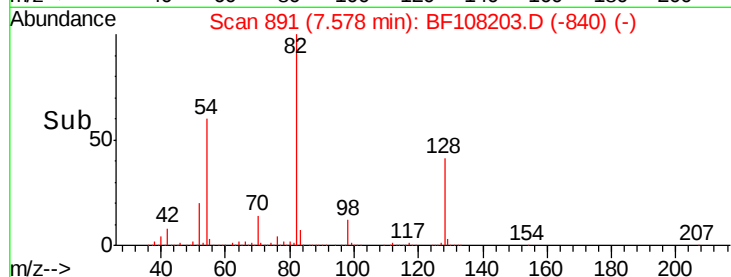
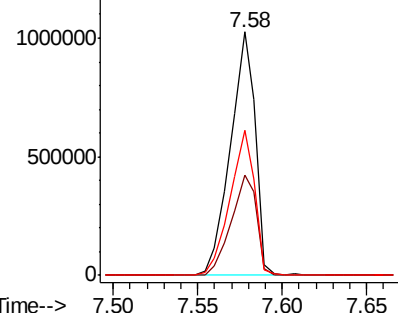
#23
Nitrobenzene-d5
Concen: 90.328 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tgt Ion: 82 Resp: 1055420
Ion Ratio Lower Upper
82 100
128 41.2 36.1 54.1
54 59.8 41.4 62.2

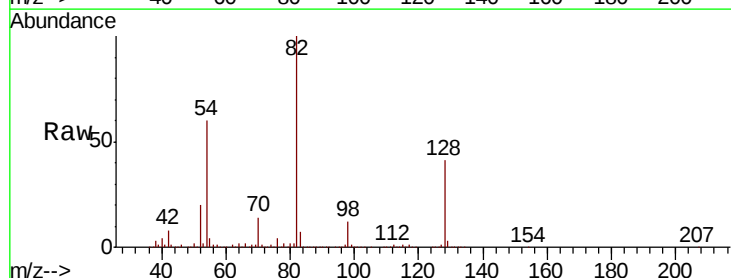


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

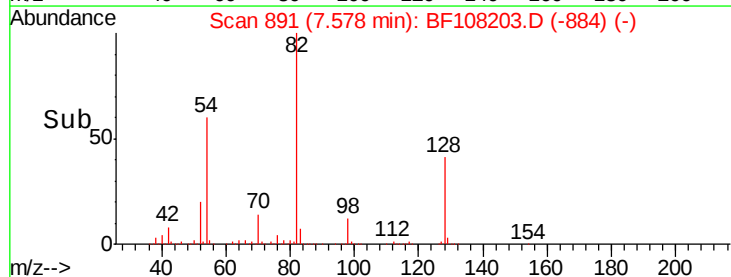
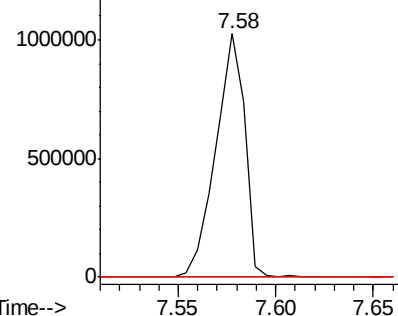


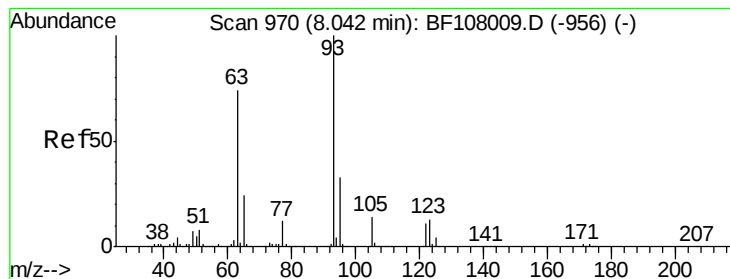
#25
Isophorone
Concen: 47.176 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion: 82 Resp: 1050638
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#32

Benzoic acid

Concen: 6.351 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.02 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SV28570L

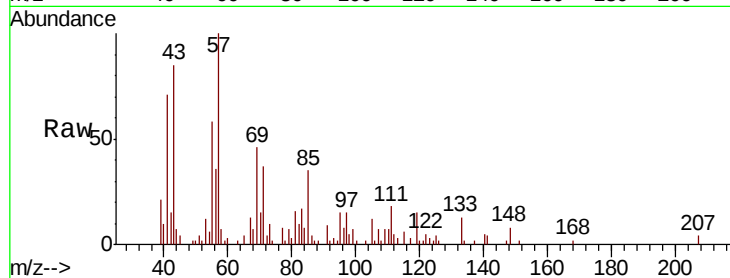
Tgt Ion:122 Resp: 2465

Ion Ratio Lower Upper

122 100

105 220.3 101.1 141.1#

77 139.5 70.7 110.7#

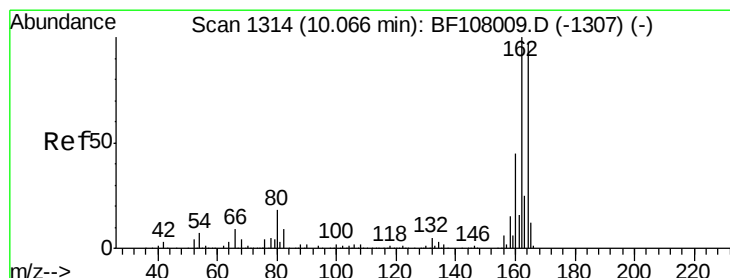
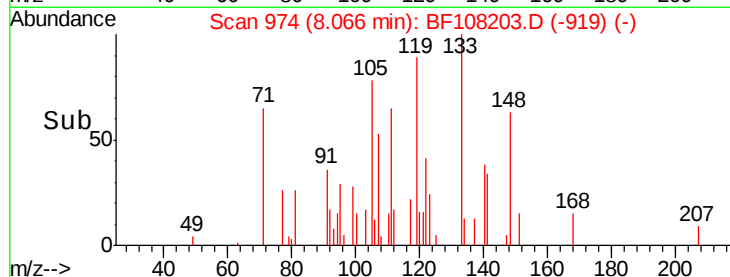
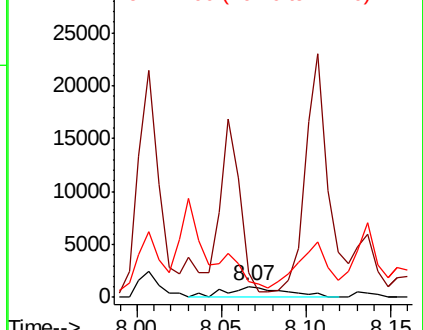


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

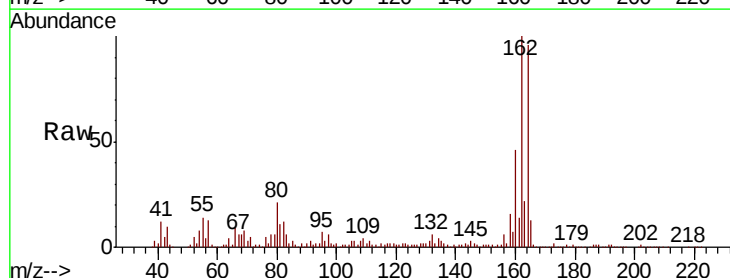
Tgt Ion:164 Resp: 283614

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

160 47.6 38.3 57.5

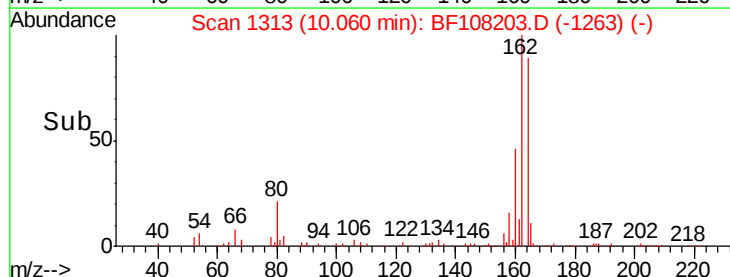
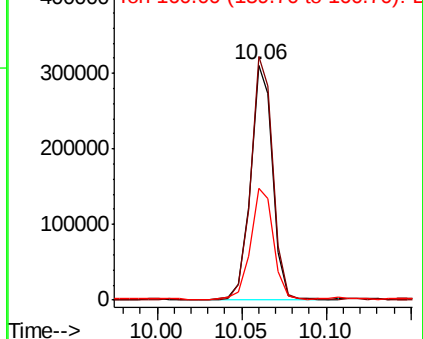


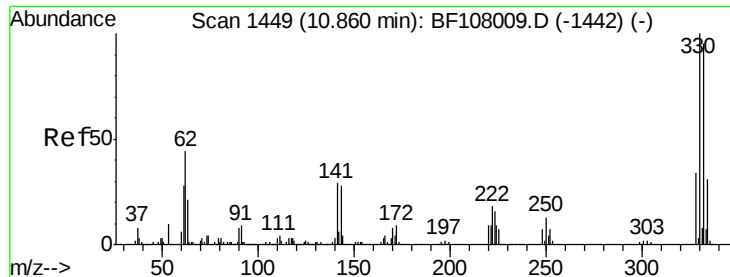
Abundance

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

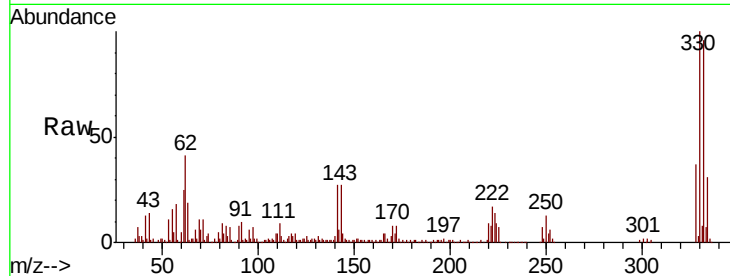




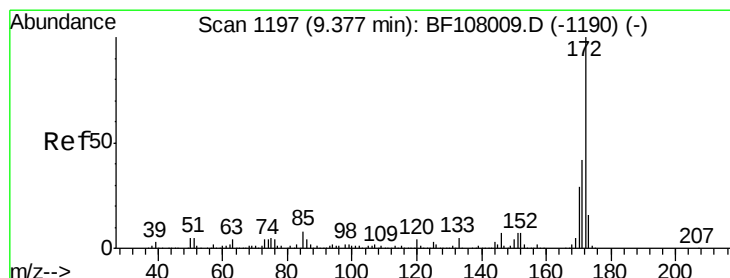
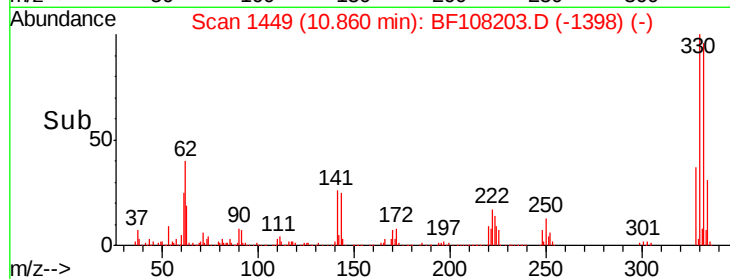
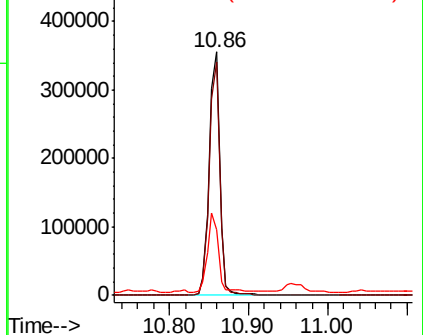
#41
 2,4,6-Tribromophenol
 Concen: 117.636 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108203.D
 Acq: 16 Aug 2018 18:59

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-SV28570L

Tgt Ion:330 Resp: 332791
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 33.2 29.9 44.9

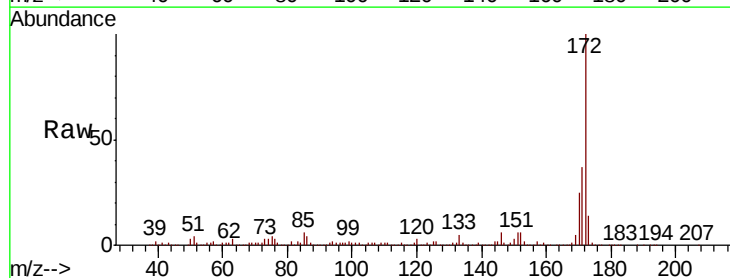


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

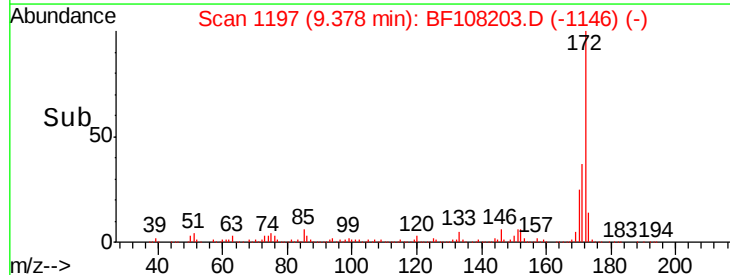
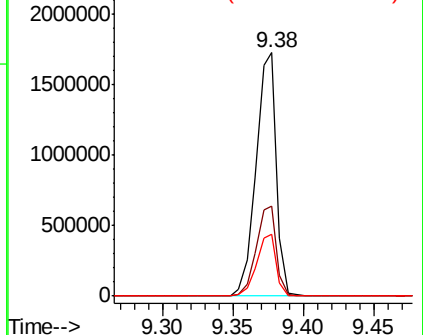


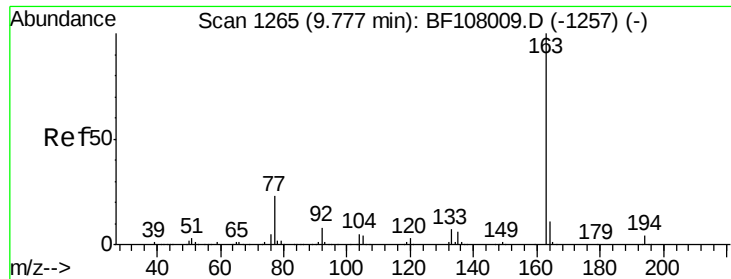
#44
 2-Fluorobiphenyl
 Concen: 99.448 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108203.D
 Acq: 16 Aug 2018 18:59

Tgt Ion:172 Resp: 1756790
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 25.2 19.6 29.4



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

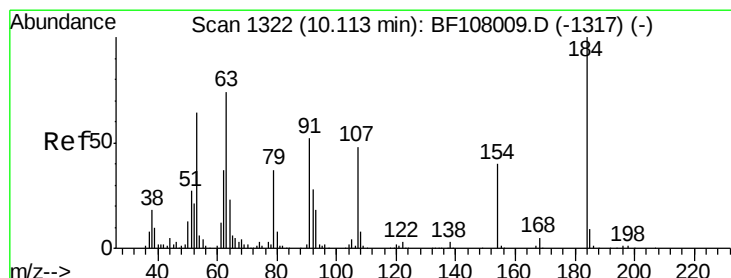
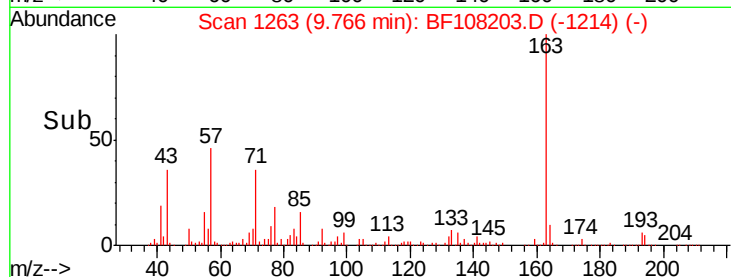
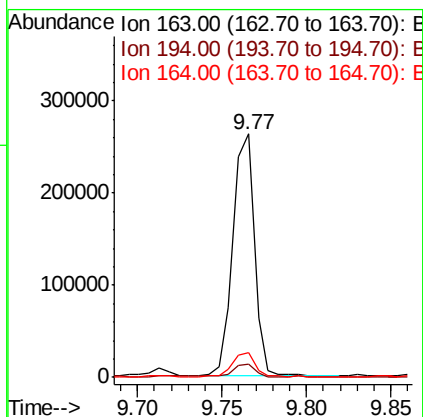
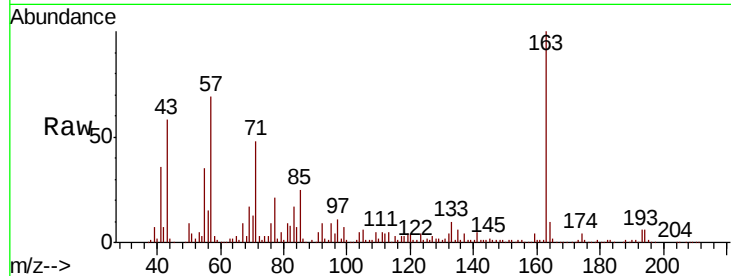




#49
Dimethylphthalate
Concen: 11.821 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

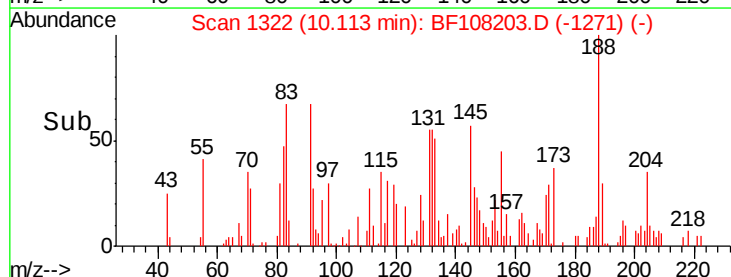
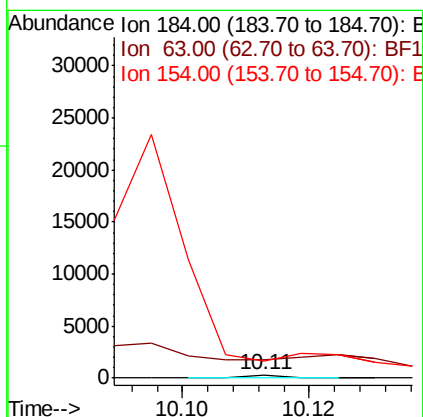
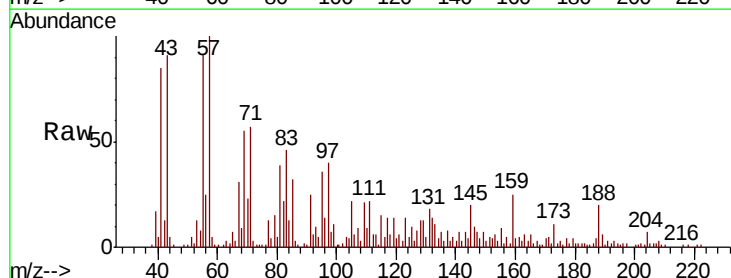
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

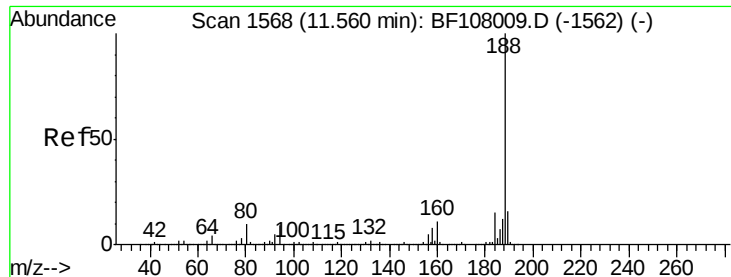
Tgt Ion:163 Resp: 233534
Ion Ratio Lower Upper
163 100
194 5.6 2.7 4.1#
164 10.1 8.2 12.2



#53
2,4-Dinitrophenol
Concen: 7.084 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:184 Resp: 108
Ion Ratio Lower Upper
184 100
63 570.6 54.2 81.2#
154 536.9 184.0 276.0#

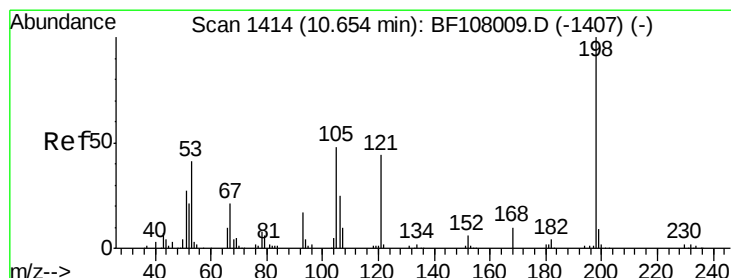
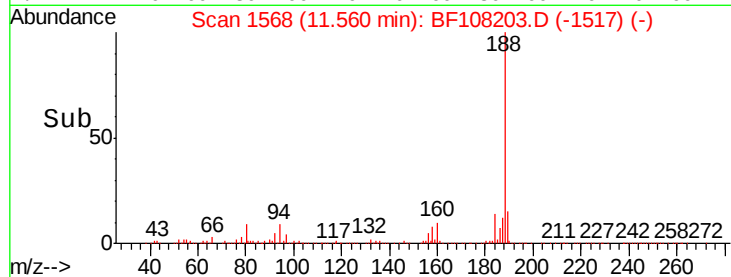
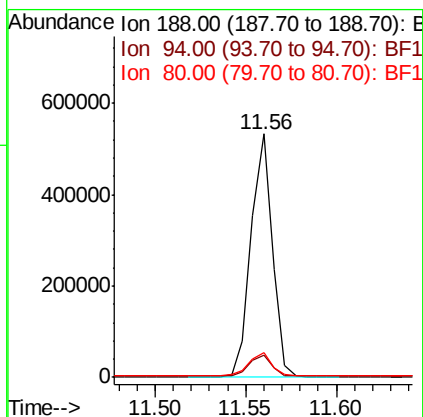
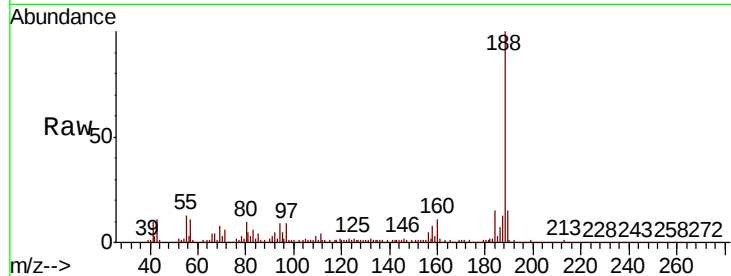




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

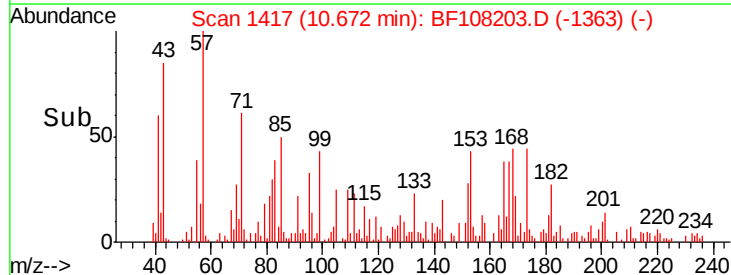
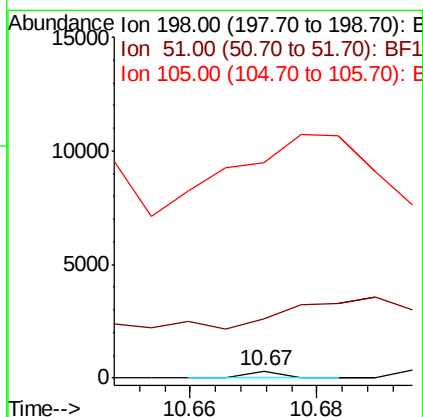
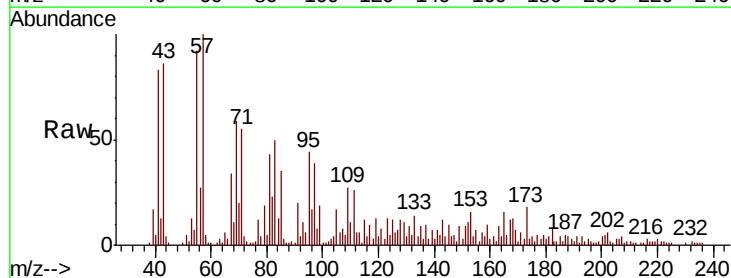
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

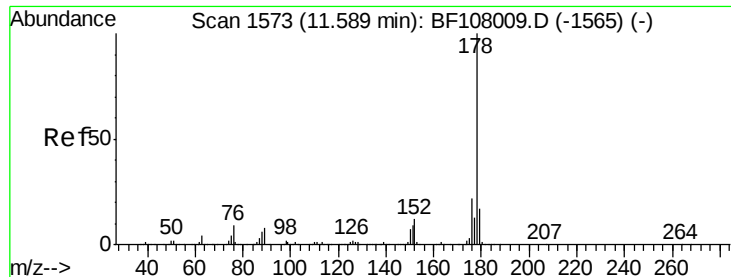
Tgt Ion:188 Resp: 437428
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.420 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion:198 Resp: 113
Ion Ratio Lower Upper
198 100
51 816.0 37.7 77.7#
105 2967.1 36.3 76.3#





#70

Phenanthrene

Concen: 2.358 ng

RT: 11.58 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SV28570L

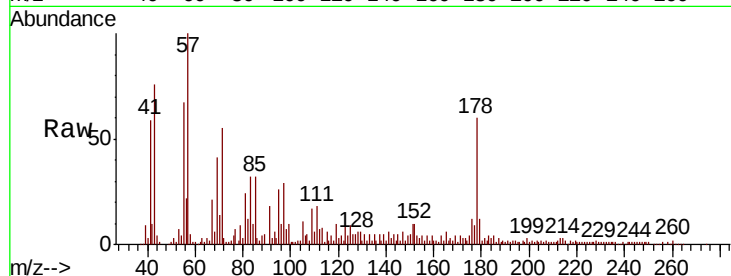
Tgt Ion:178 Resp: 48654

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

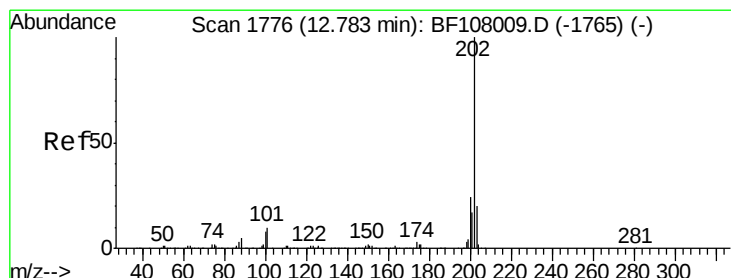
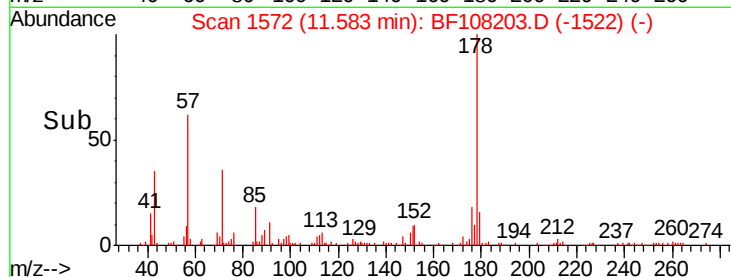
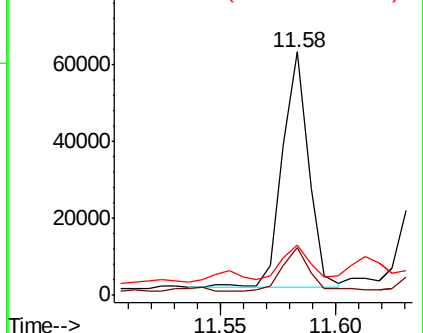
179 20.7 13.0 19.6#



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



#74

Fluoranthene

Concen: 5.151 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

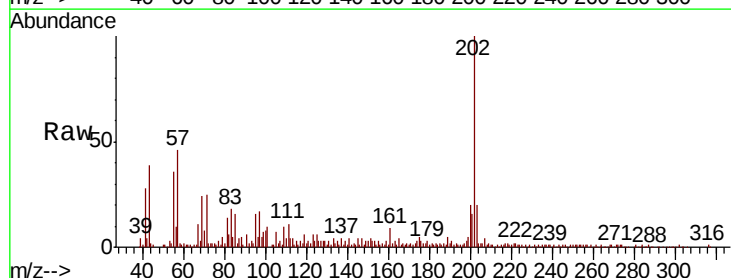
Tgt Ion:202 Resp: 115980

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

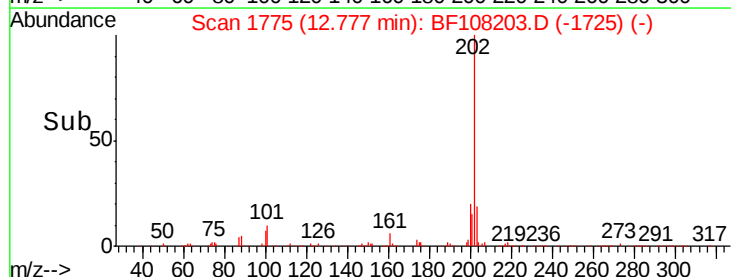
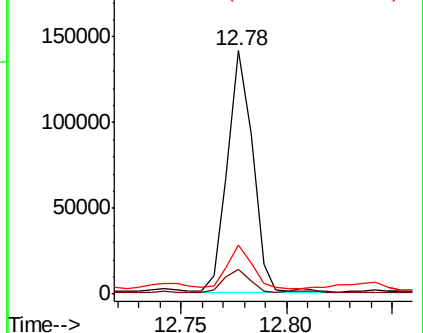
203 19.9 0.0 38.1

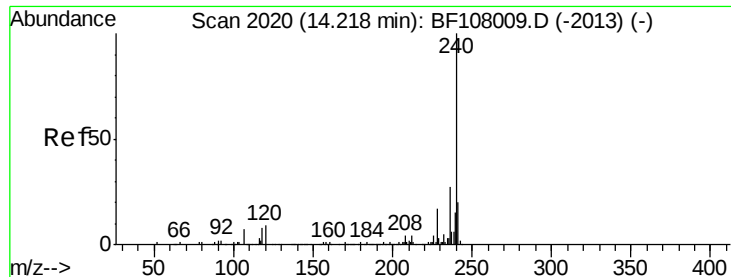


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SV28570L

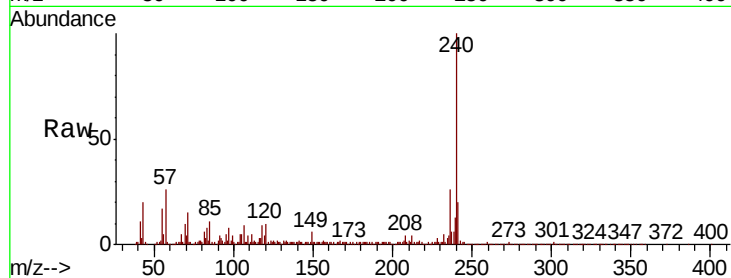
Tgt Ion:240 Resp: 404446

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

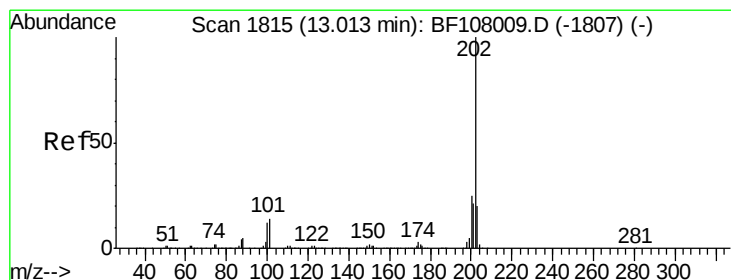
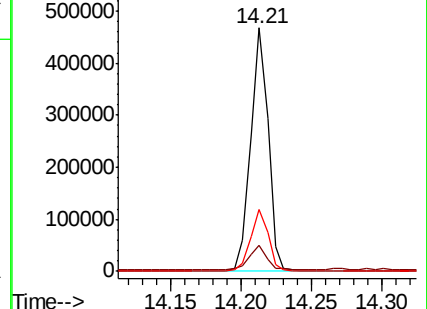
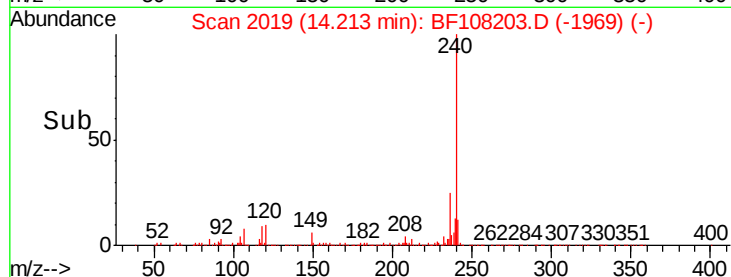
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.529 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.24 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

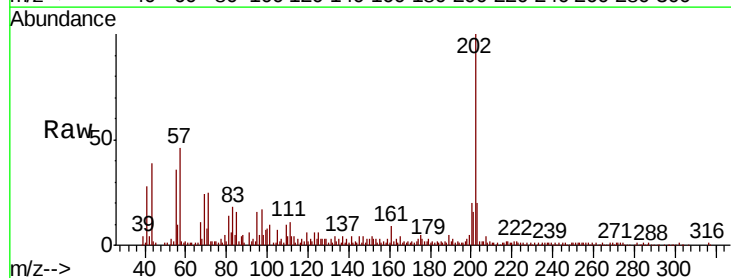
Tgt Ion:202 Resp: 115980

Ion Ratio Lower Upper

202 100

200 20.0 17.4 26.2

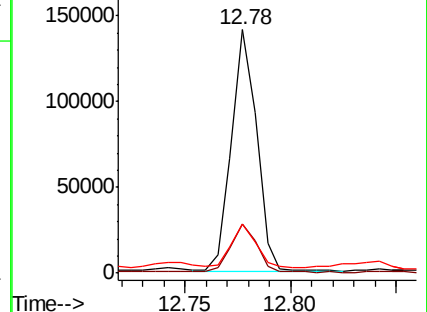
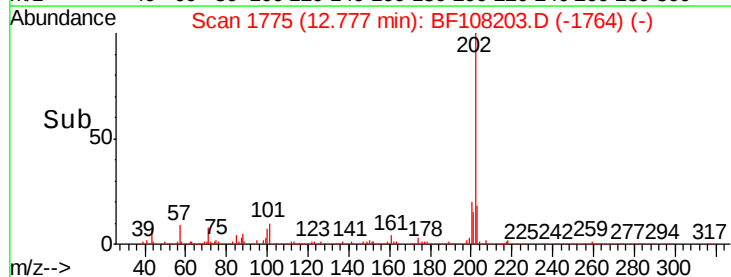
203 19.9 14.3 21.5

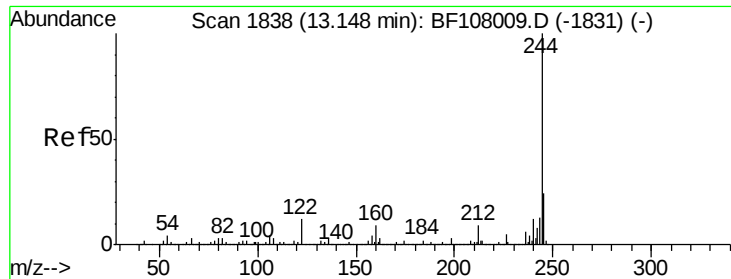


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.563 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SV28570L

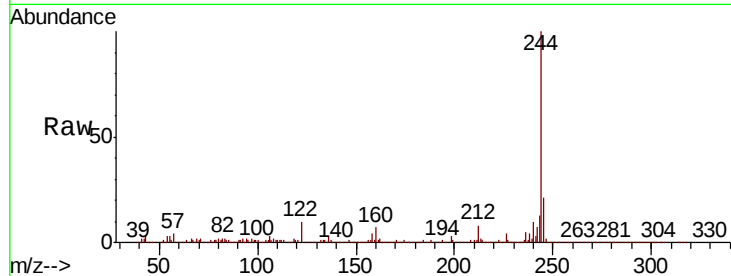
Tgt Ion:244 Resp: 1424681

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

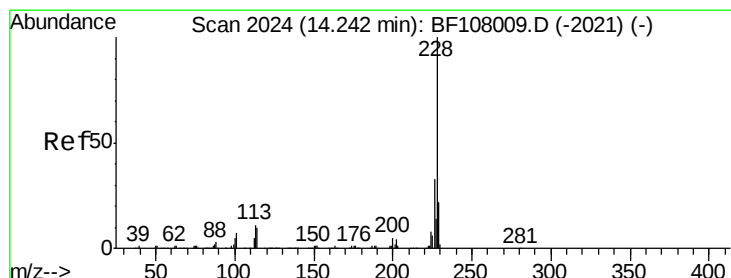
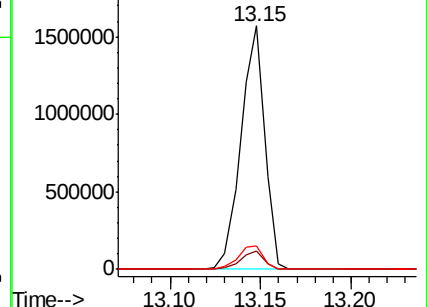
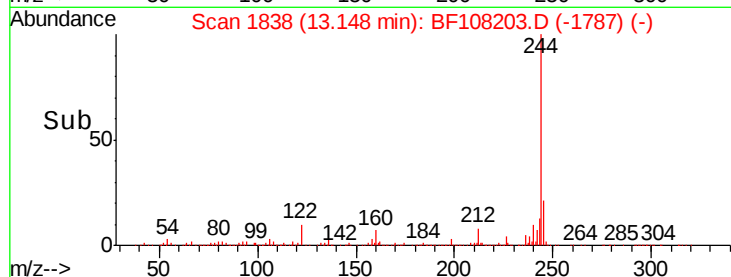
122 9.8 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#82

Chrysene

Concen: 2.237 ng

RT: 14.24 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

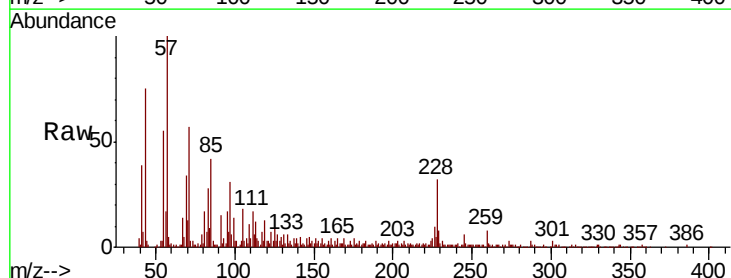
Tgt Ion:228 Resp: 47598

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

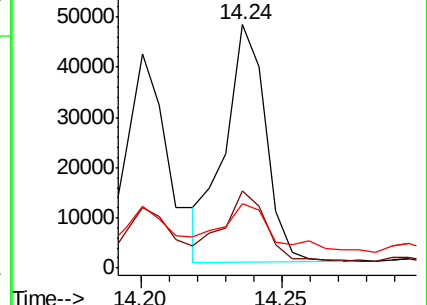
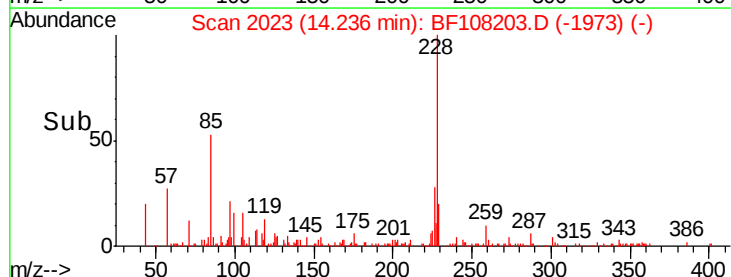
229 26.4 16.2 24.4#

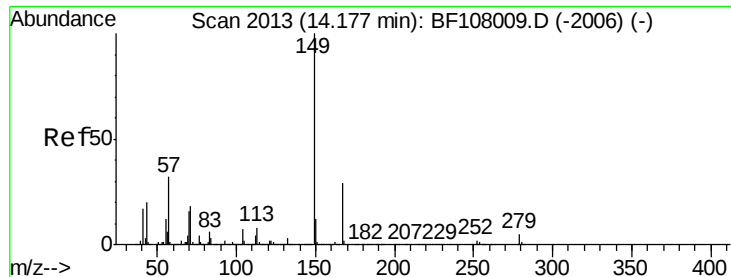


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

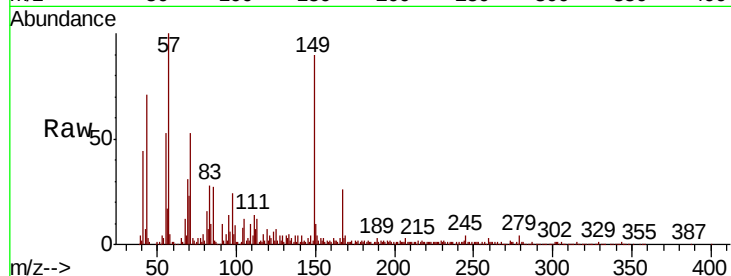




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.735 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108203.D
 Acq: 16 Aug 2018 18:59

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-SV28570L

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.3	31.9
279	4.1	3.0	4.4

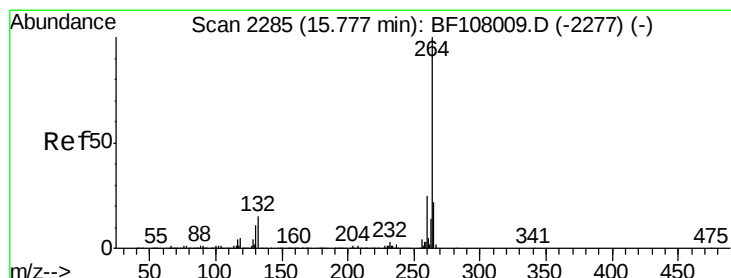
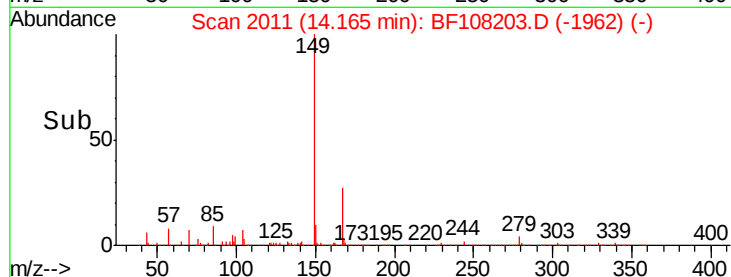
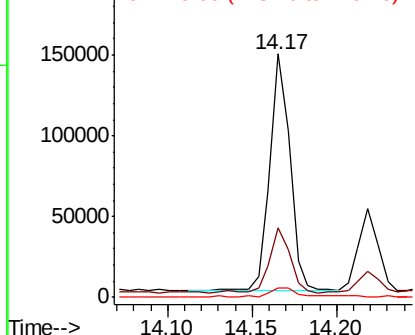


Abundance

Ion 149.00 (148.70 to 149.70): E

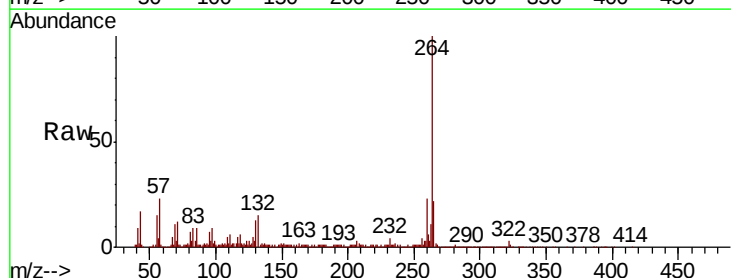
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF108203.D
 Acq: 16 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.5	26.3

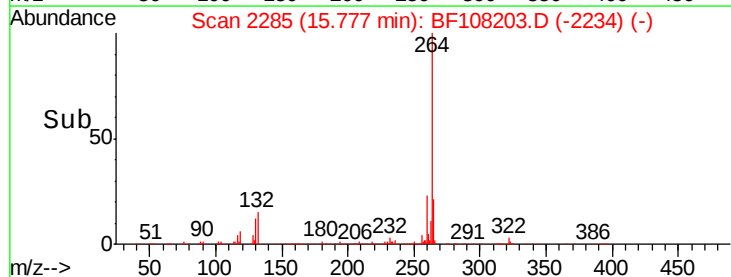
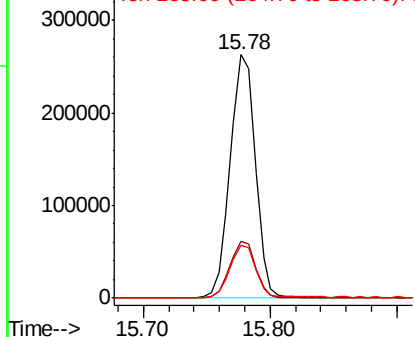


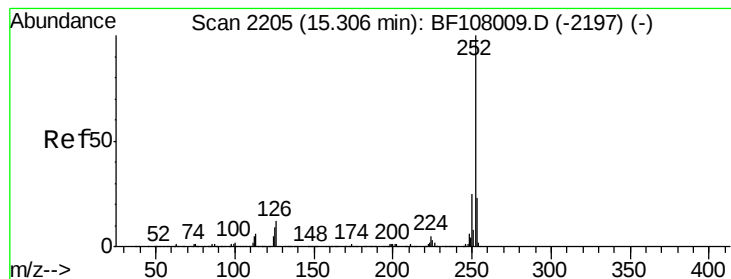
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 3.347 ng

RT: 15.31 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SV28570L

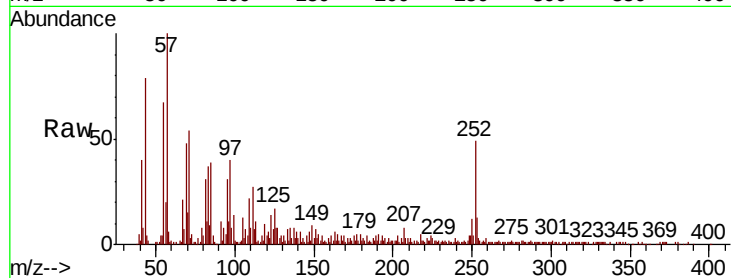
Tgt Ion:252 Resp: 71849

Ion Ratio Lower Upper

252 100

253 27.0 17.0 25.6#

125 34.3 9.0 13.6#

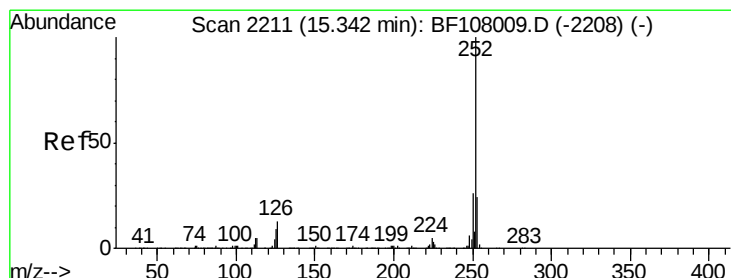
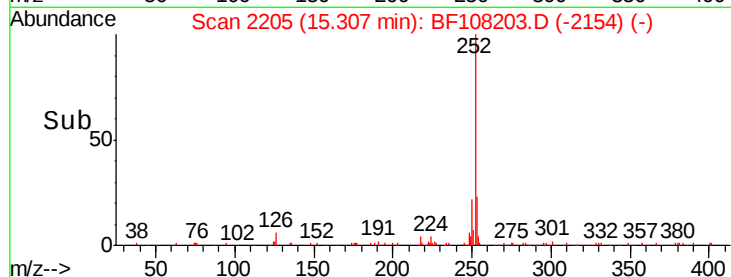
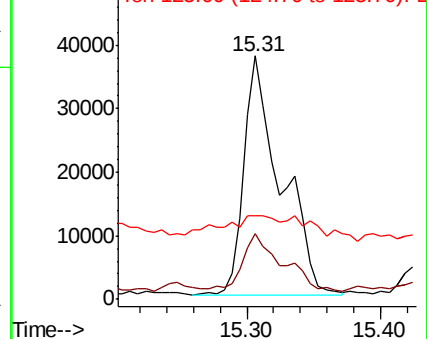


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.641 ng

RT: 15.31 min Scan# 2205

Delta R.T. -0.04 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

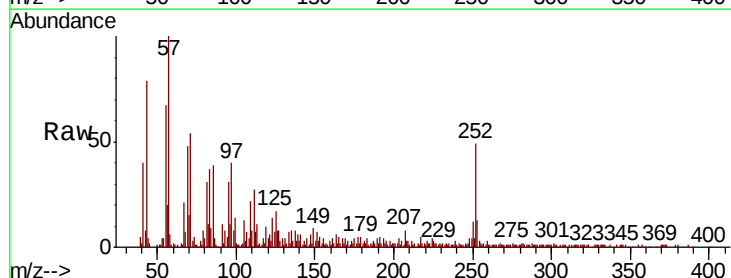
Tgt Ion:252 Resp: 71849

Ion Ratio Lower Upper

252 100

253 27.0 17.9 26.9#

125 34.3 10.2 15.2#



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

