

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021819\
 Data File : BF112610.D
 Acq On : 18 Feb 2019 19:28
 Operator : JU/SJ
 Sample : K1518-15DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

Quant Time: Feb 19 00:05:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	101220	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	416577	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	210314	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	392367	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	261917	20.00	ng	-0.01
87) Perylene-d12	15.47	264	241519	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	214025	44.91	ng	-0.02
7) Phenol-d6	6.47	99	275564	41.61	ng	-0.02
23) Nitrobenzene-d5	7.39	82	178399	24.68	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	89170	36.43	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	363635	24.45	ng	-0.03
79) Terphenyl-d14	12.93	244	353237	25.40	ng	-0.02

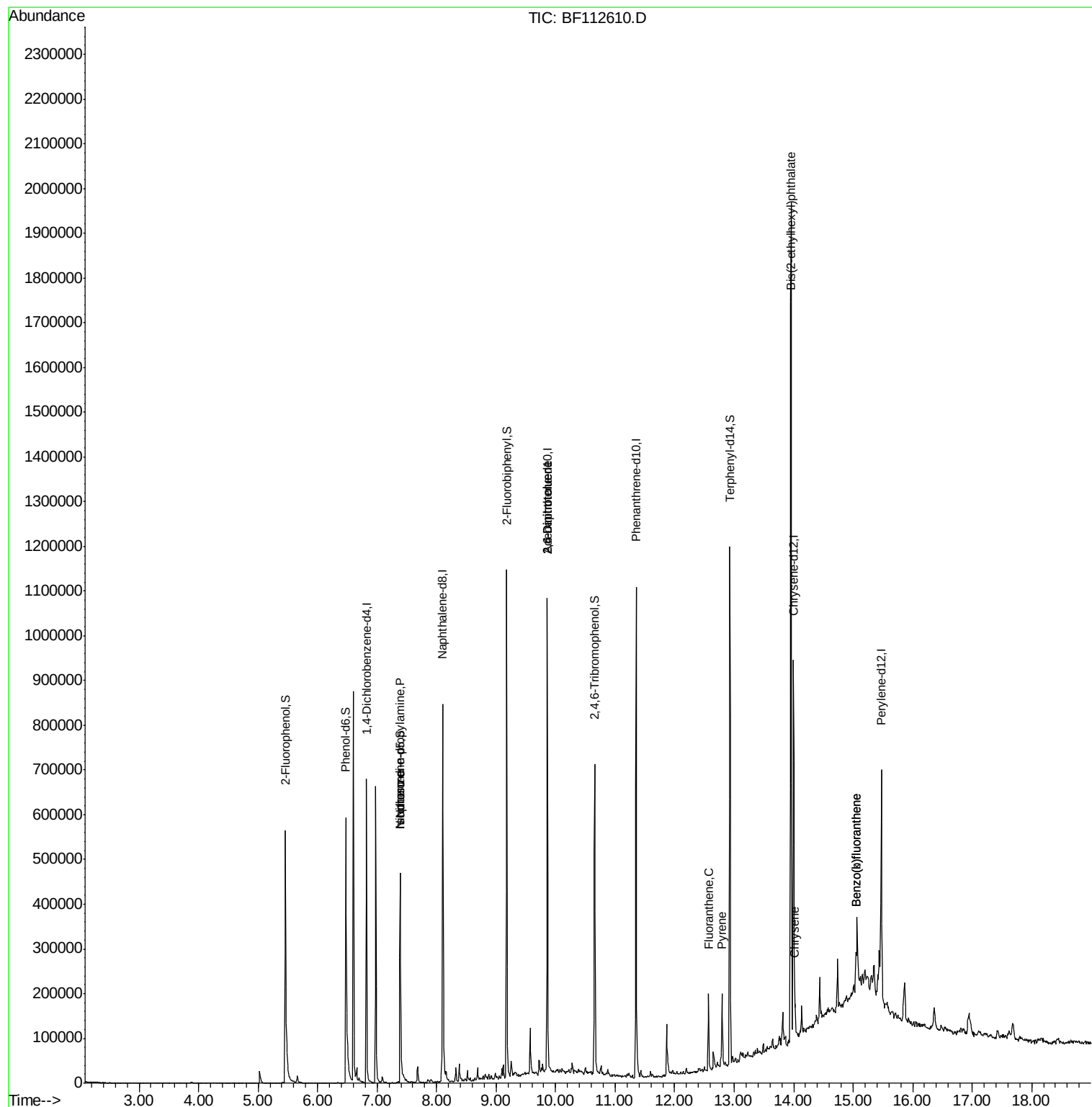
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	24457	5.356	ng	# 76
25) Isophorone	7.39	82	178399	15.729	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	27366	7.478	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	27366	5.874	ng	# 32
75) Fluoranthene	12.57	202	68008	3.108	ng	99
78) Pyrene	12.80	202	62066	3.423	ng	99
83) Chrysene	14.03	228	30421	2.070	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	544095	43.690	ng	99
88) Benzo(b)fluoranthene	15.04	252	54763	3.791	ng	# 93
89) Benzo(k)fluoranthene	15.04	252	54763	3.958	ng	# 94

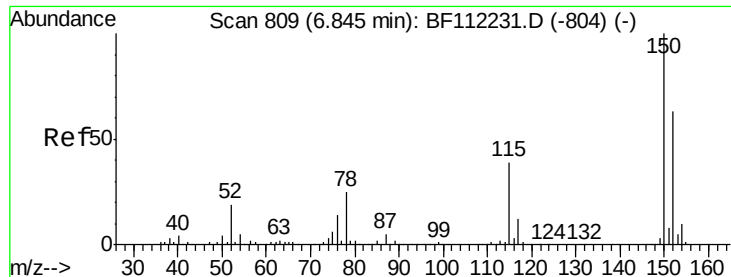
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021819\
Data File : BF112610.D
Acq On : 18 Feb 2019 19:28
Operator : JU/SJ
Sample : K1518-15DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Quant Time: Feb 19 00:05:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



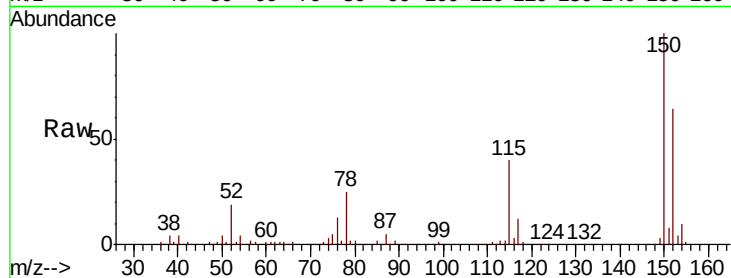


#1

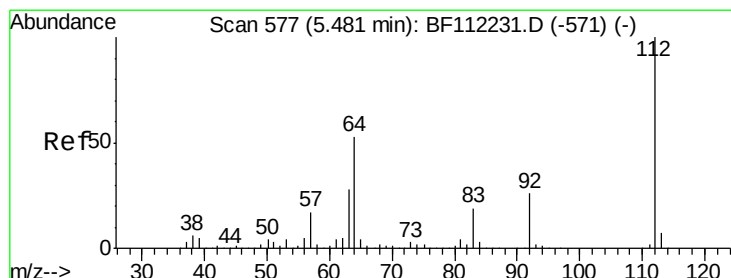
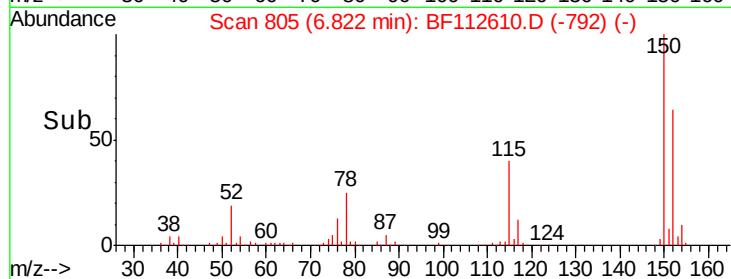
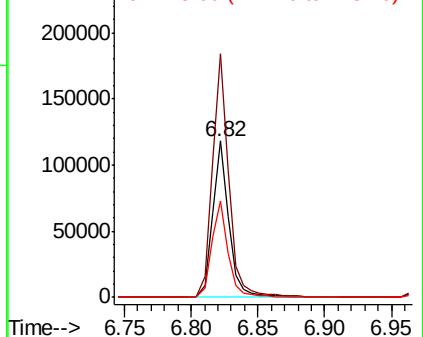
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112610.D
Acq: 18 Feb 2019 19:28

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion:152 Resp: 101220
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.0
115 62.0 45.5 68.3



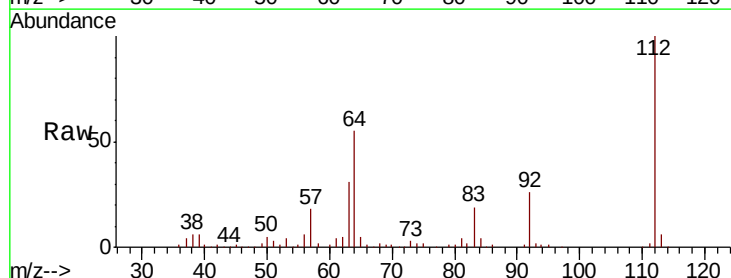
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



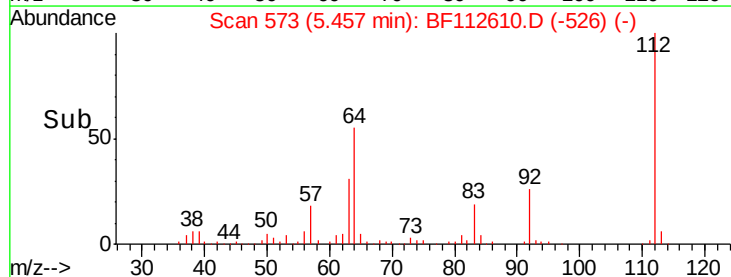
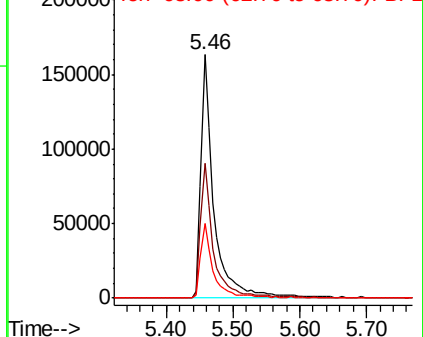
#5

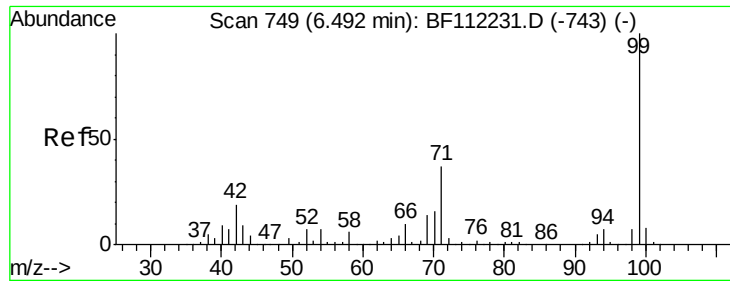
2-Fluorophenol
Concen: 44.912 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112610.D
Acq: 18 Feb 2019 19:28

Tgt Ion:112 Resp: 214025
Ion Ratio Lower Upper
112 100
64 55.3 45.7 68.5
63 30.6 23.6 35.4



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: 41.615 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112610.D

Acq: 18 Feb 2019 19:28

Instrument :

BNA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

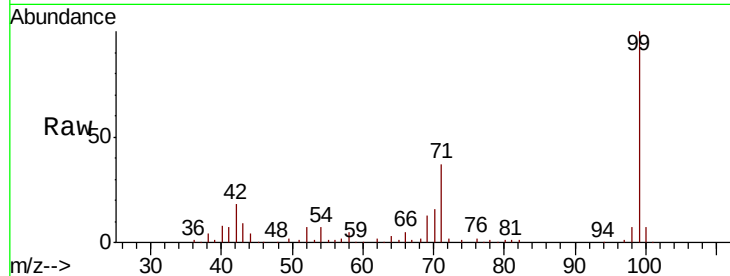
Tgt Ion: 99 Resp: 275564

Ion Ratio Lower Upper

99 100

42 18.3 15.1 22.7

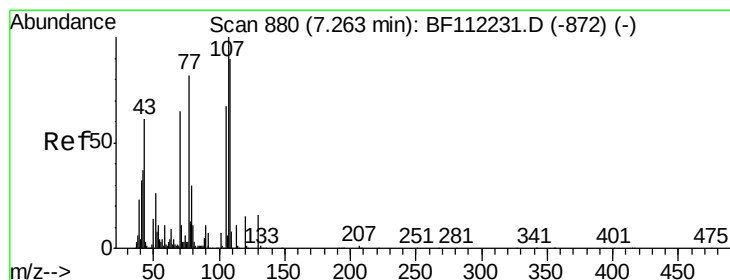
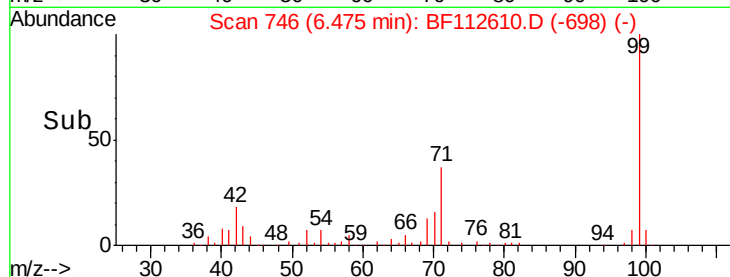
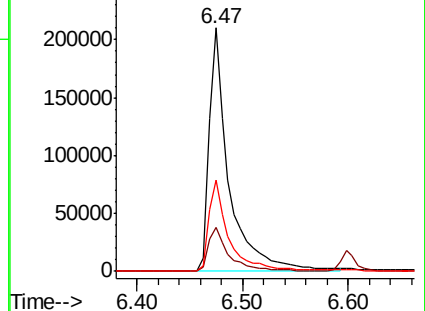
71 37.5 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.356 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF112610.D

Acq: 18 Feb 2019 19:28

Tgt Ion: 70 Resp: 24457

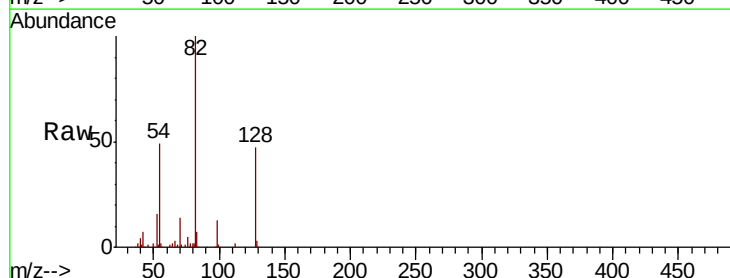
Ion Ratio Lower Upper

70 100

42 48.1 47.6 71.4

101 0.0 7.9 11.9#

130 1.8 18.4 27.6#

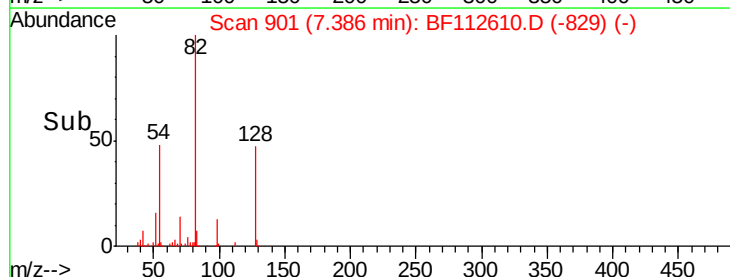
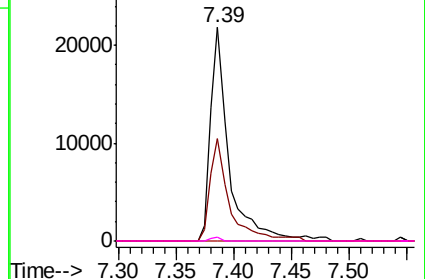


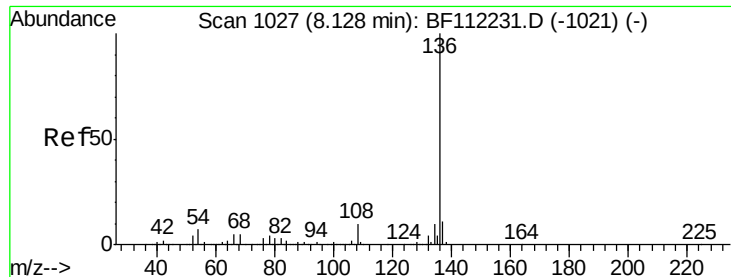
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

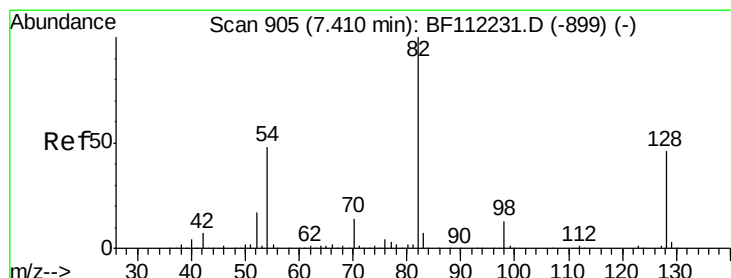
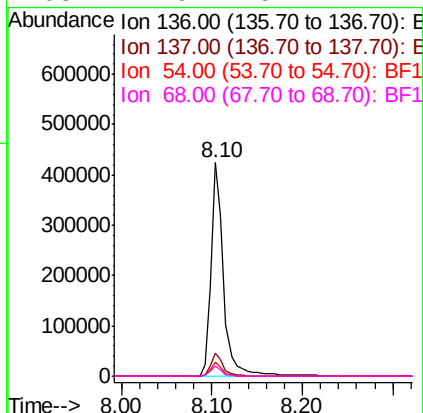
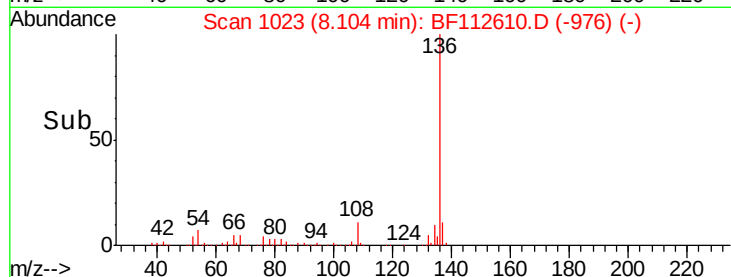
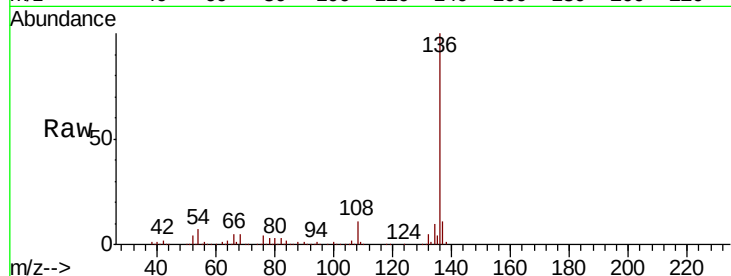




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112610.D
Acq: 18 Feb 2019 19:28

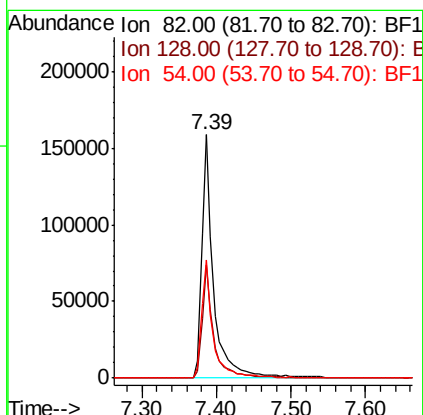
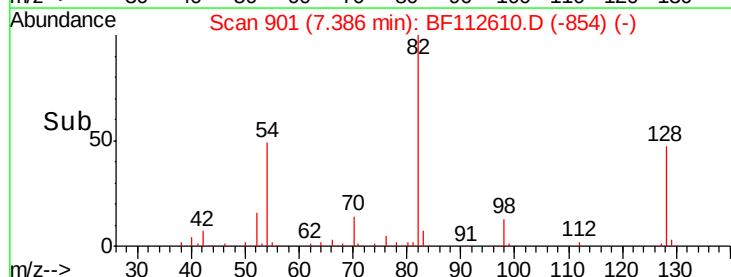
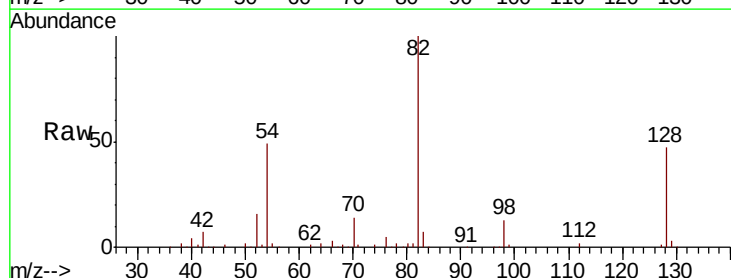
Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

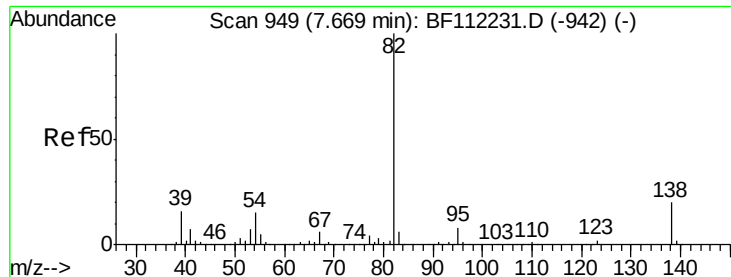
Tgt Ion:	136	Resp:	416577
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.5	5.9	8.9
68	4.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 24.676 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112610.D
Acq: 18 Feb 2019 19:28

Tgt Ion:	82	Resp:	178399
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.8	56.8
54	48.6	39.7	59.5





#25

Isophorone

Concen: 15.729 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.28 min

Lab File: BF112610.D

Acq: 18 Feb 2019 19:28

Instrument :

BNA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

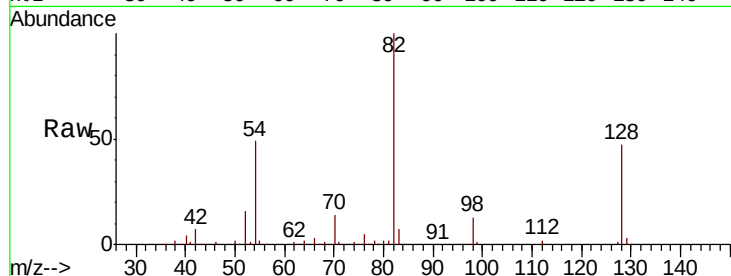
Tgt Ion: 82 Resp: 178399

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

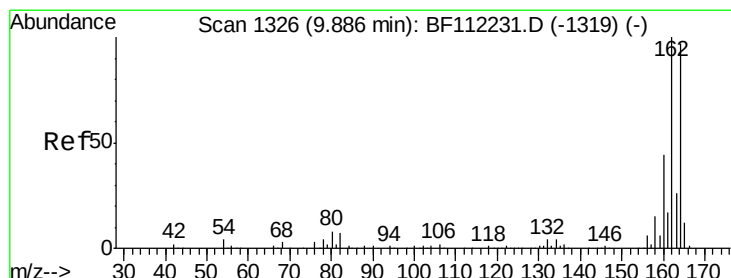
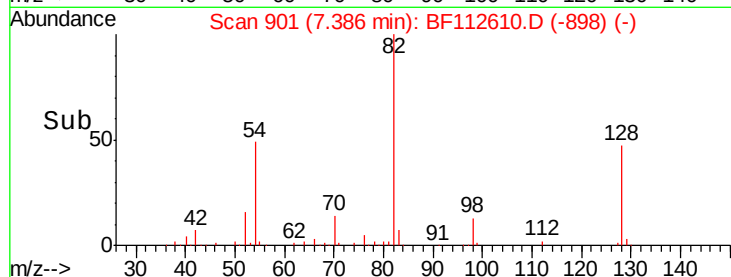
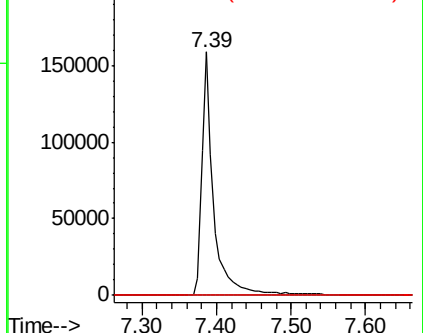
138 0.0 15.4 23.0#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF112610.D

Acq: 18 Feb 2019 19:28

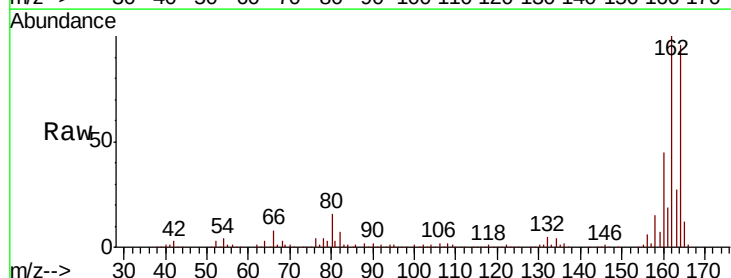
Tgt Ion: 164 Resp: 210314

Ion Ratio Lower Upper

164 100

162 103.8 82.2 123.4

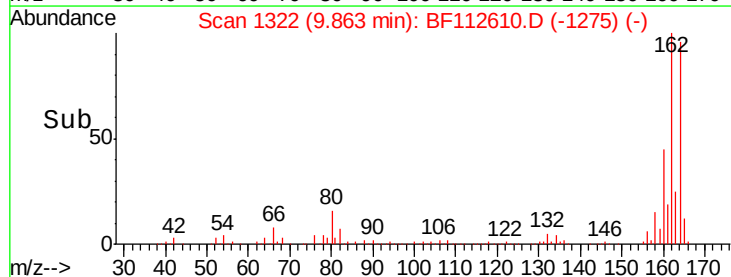
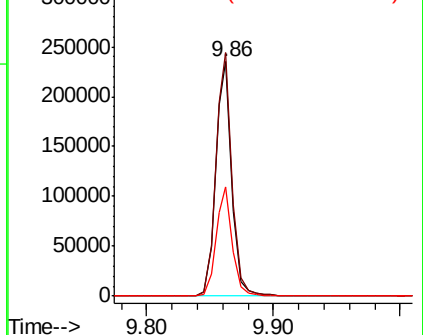
160 46.3 36.2 54.4

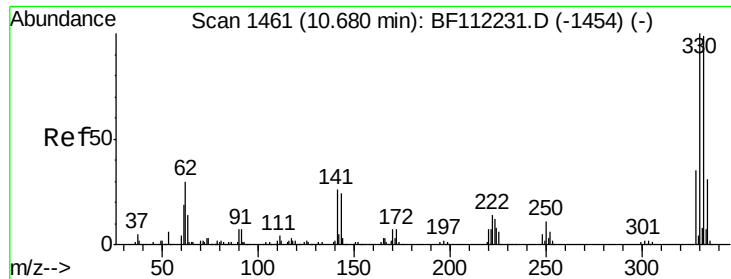


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

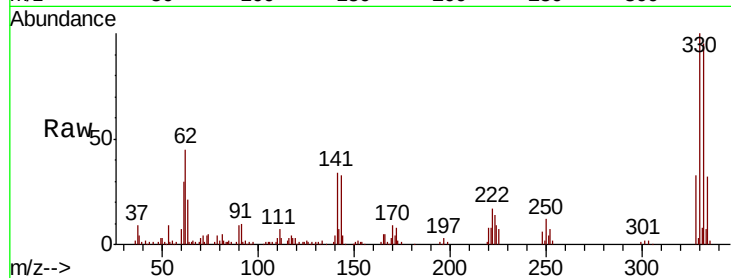




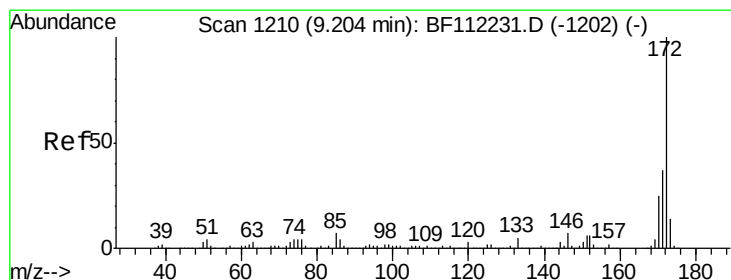
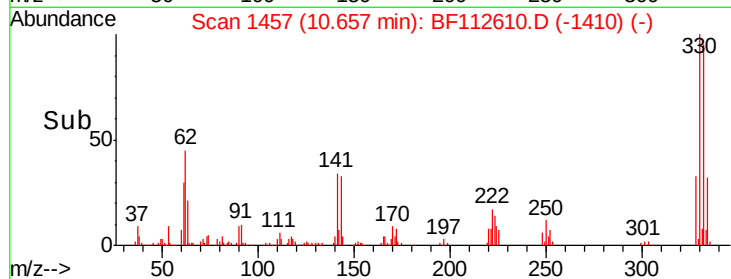
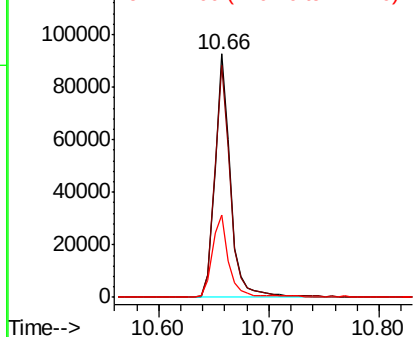
#42
 2,4,6-Tribromophenol
 Concen: 36.426 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112610.D
 Acq: 18 Feb 2019 19:28

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion:330 Resp: 89170
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 35.5 24.3 36.5

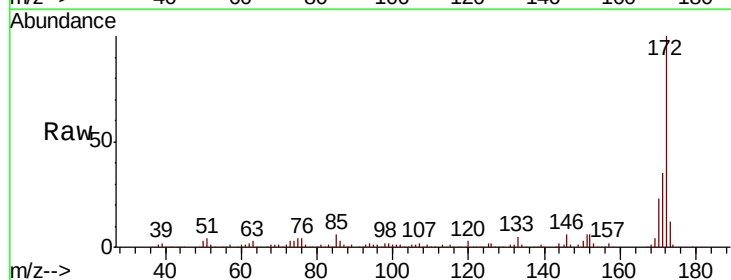


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

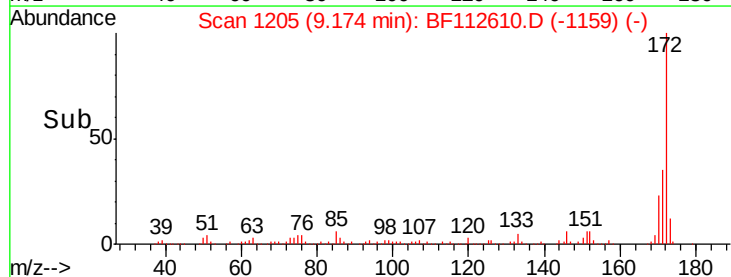
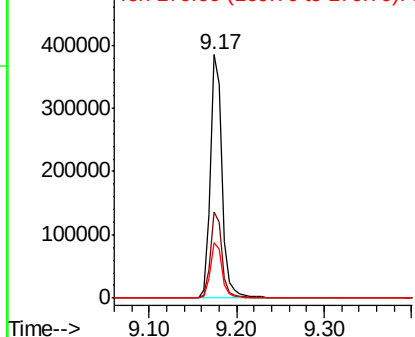


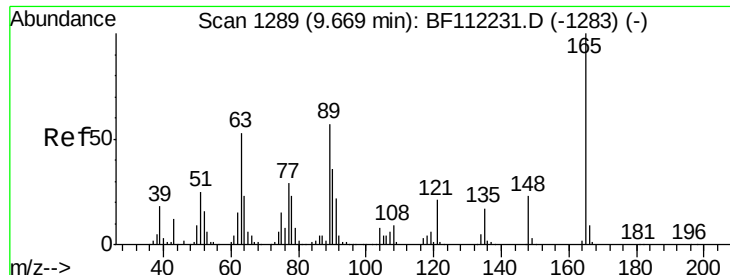
#45
 2-Fluorobiphenyl
 Concen: 24.454 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112610.D
 Acq: 18 Feb 2019 19:28

Tgt Ion:172 Resp: 363635
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.5 45.7
 170 22.9 20.2 30.4



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





#51

2,6-Dinitrotoluene

Concen: 7.478 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.19 min

Lab File: BF112610.D

Acq: 18 Feb 2019 19:28

Instrument :

BNA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

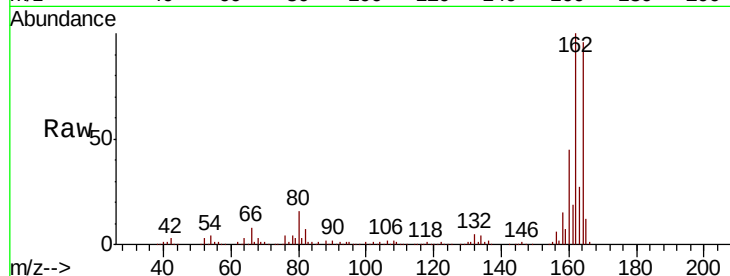
Tgt Ion:165 Resp: 27366

Ion Ratio Lower Upper

165 100

63 2.1 33.8 50.8#

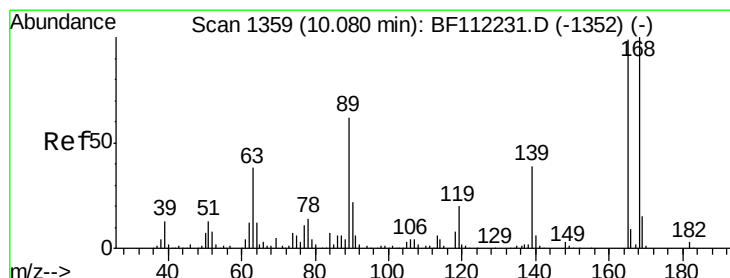
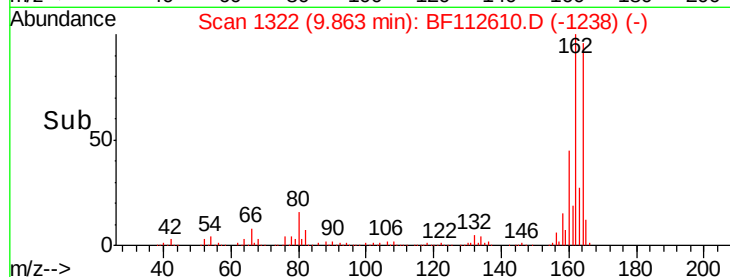
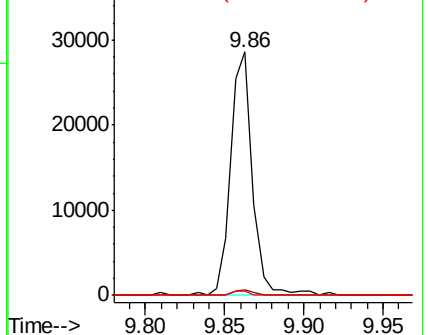
89 1.7 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 5.874 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.22 min

Lab File: BF112610.D

Acq: 18 Feb 2019 19:28

Tgt Ion:165 Resp: 27366

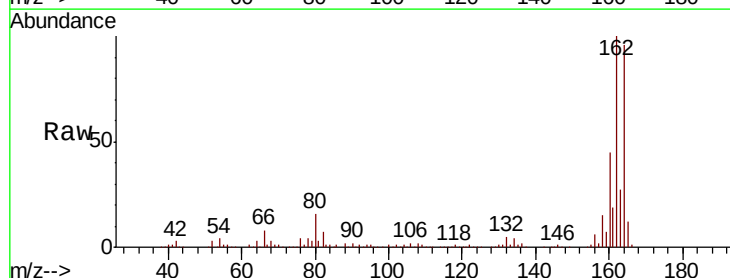
Ion Ratio Lower Upper

165 100

63 2.1 27.9 41.9#

89 1.7 47.9 71.9#

182 0.0 2.2 3.4#

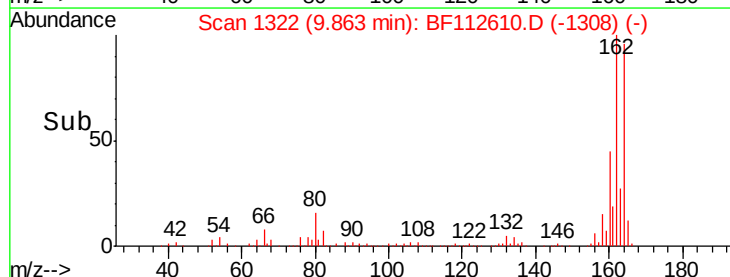
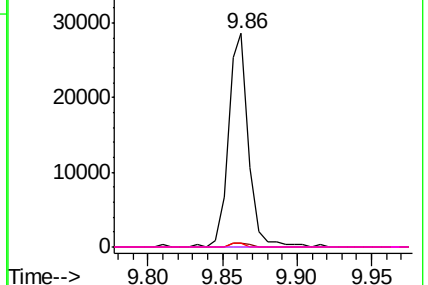


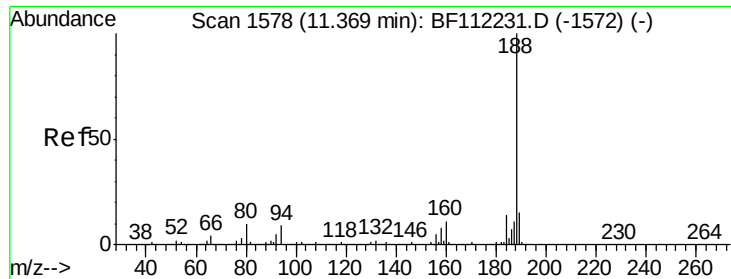
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112610.D

Acq: 18 Feb 2019 19:28

Instrument :

BNA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

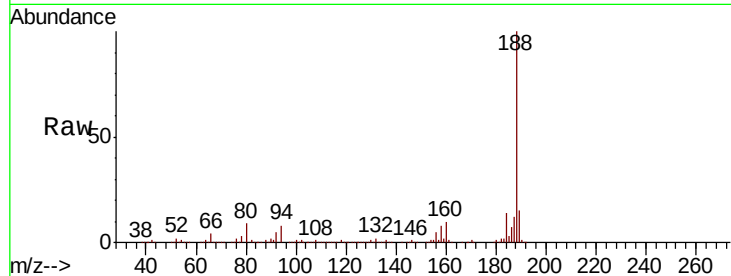
Tgt Ion:188 Resp: 392367

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

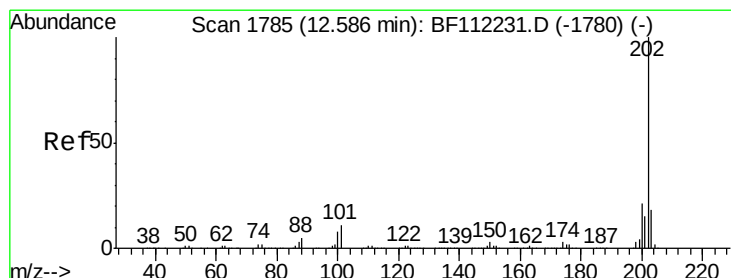
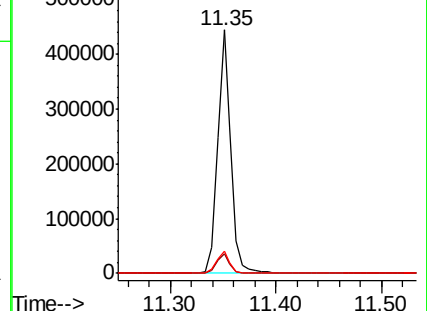
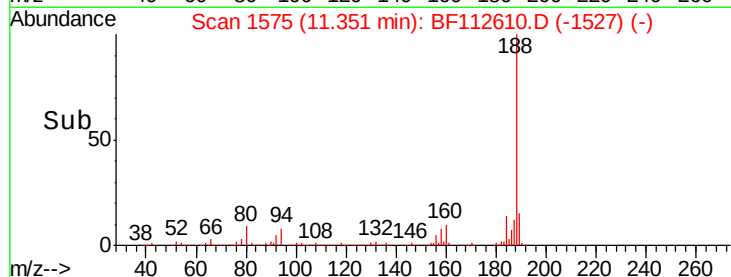
80 9.0 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 3.108 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF112610.D

Acq: 18 Feb 2019 19:28

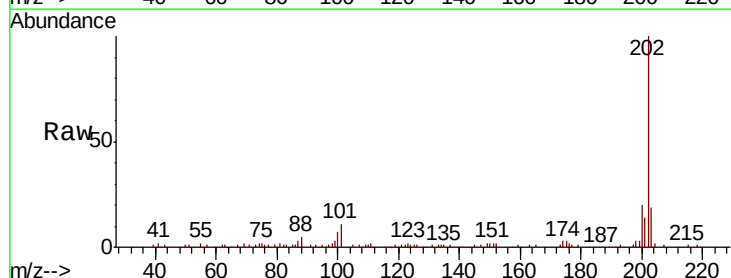
Tgt Ion:202 Resp: 68008

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.8

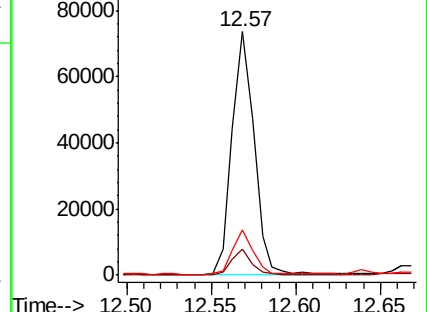
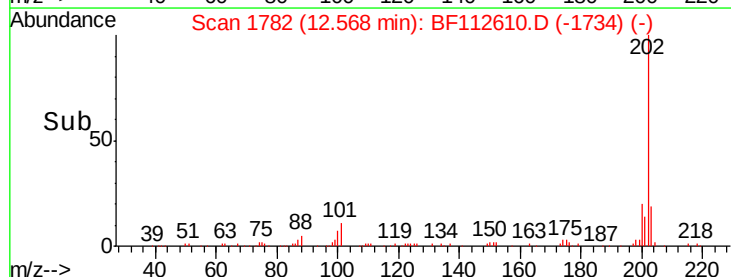
203 18.6 0.0 38.4

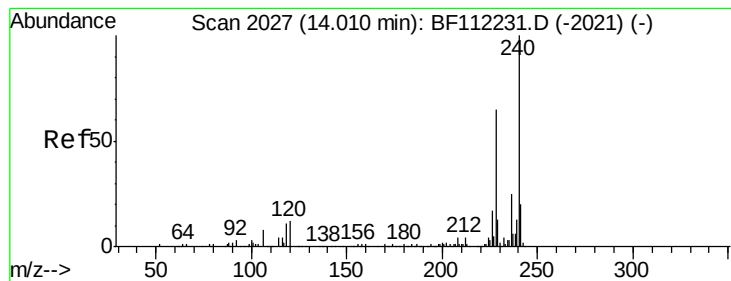


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112610.D

Acq: 18 Feb 2019 19:28

Instrument :

BNA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-8

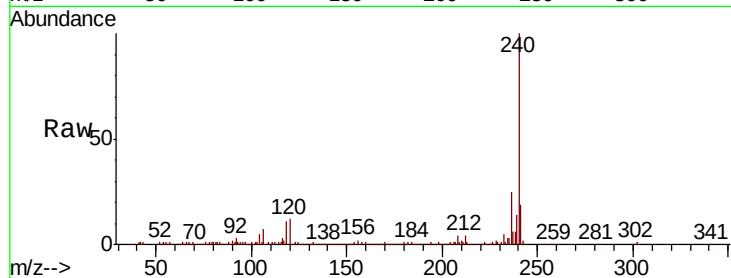
Tgt Ion:240 Resp: 261917

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.6

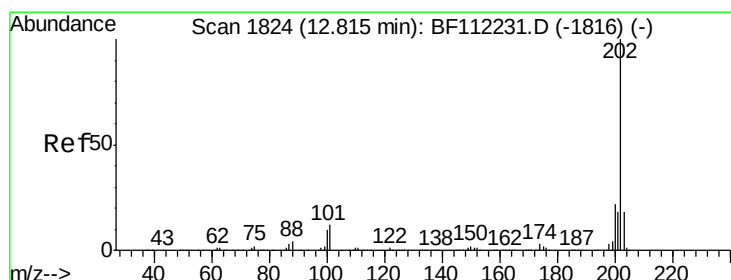
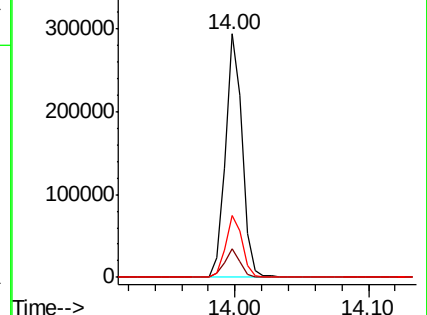
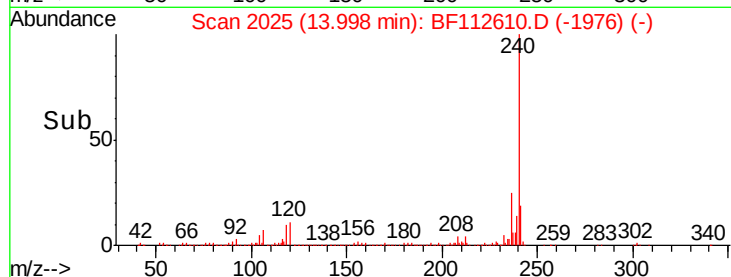
236 25.4 20.7 31.1



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



#78

Pyrene

Concen: 3.423 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF112610.D

Acq: 18 Feb 2019 19:28

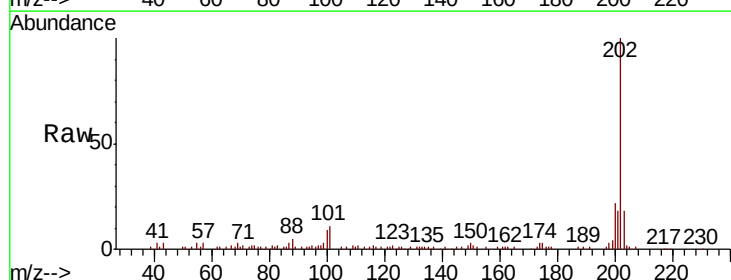
Tgt Ion:202 Resp: 62066

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

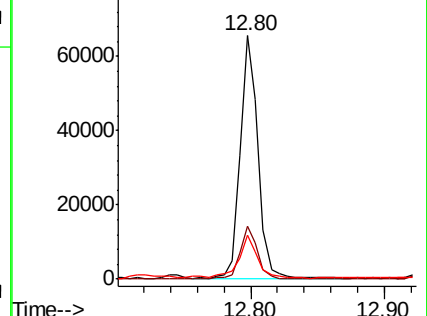
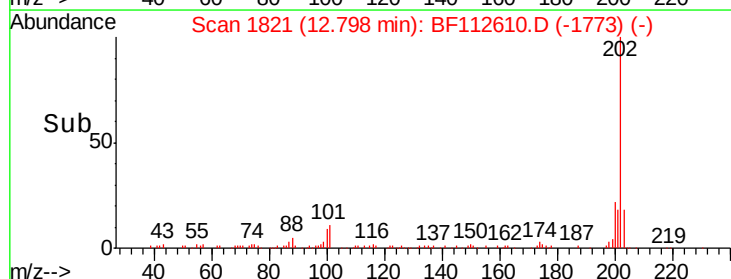
203 18.0 14.6 22.0

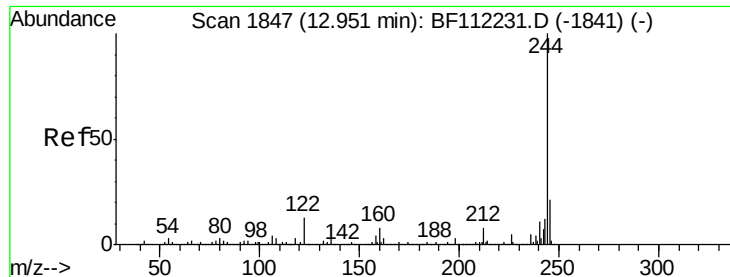


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

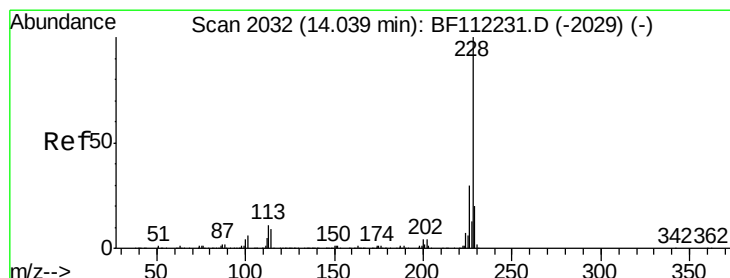
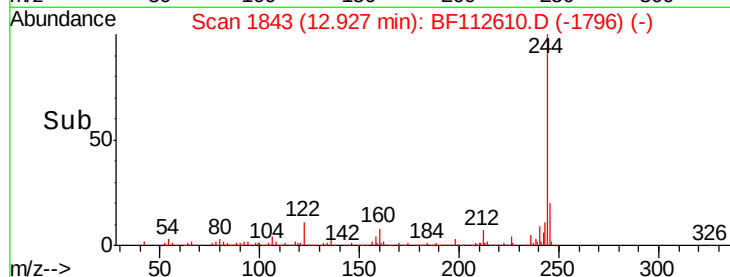
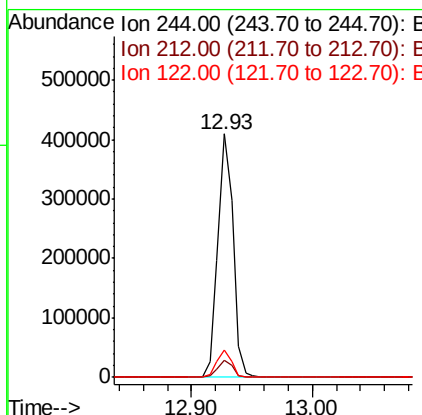
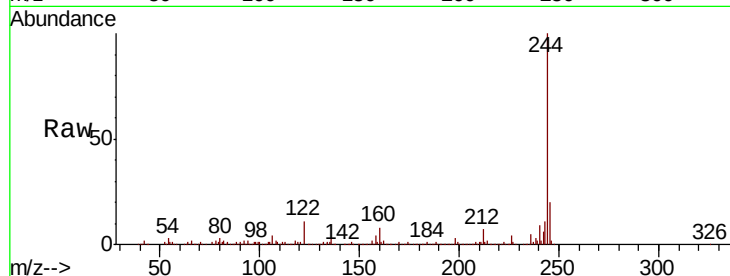




#79
 Terphenyl-d14
 Concen: 25.401 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF112610.D
 Acq: 18 Feb 2019 19:28

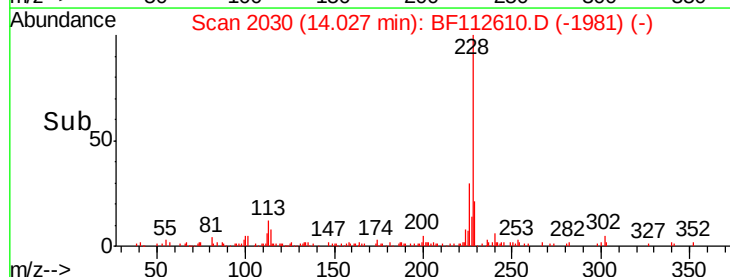
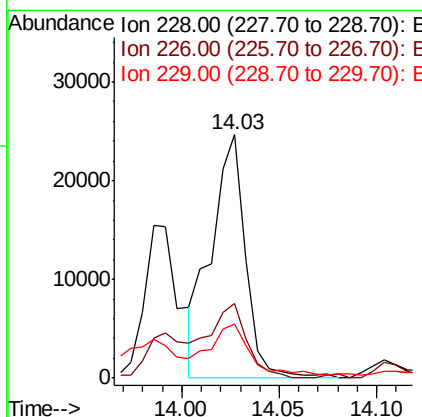
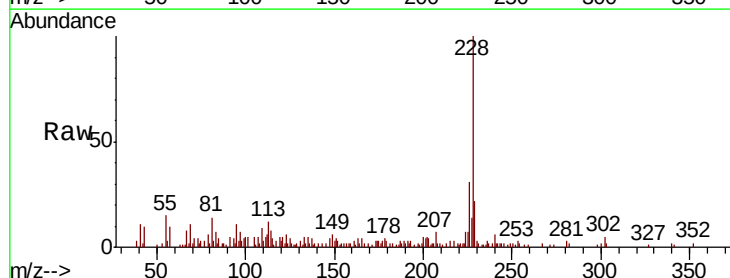
Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

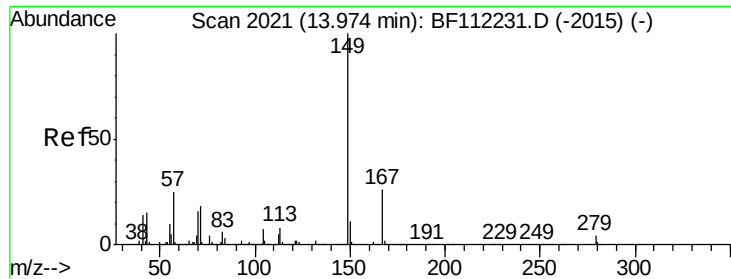
Tgt Ion:244 Resp: 353237
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.2 9.8 14.6



#83
 Chrysene
 Concen: 2.070 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112610.D
 Acq: 18 Feb 2019 19:28

Tgt Ion:228 Resp: 30421
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 22.5 16.6 24.8

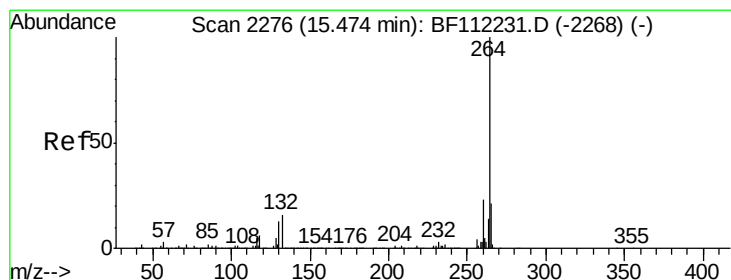
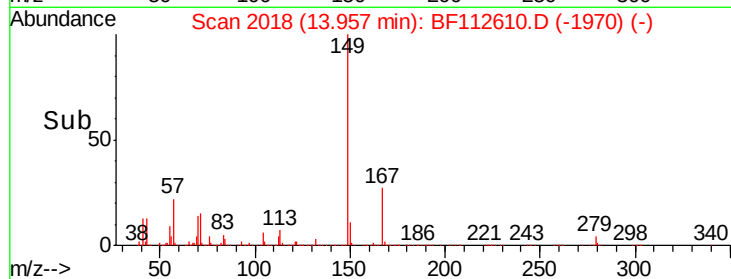
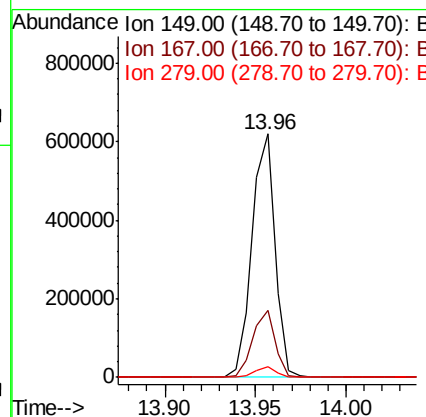
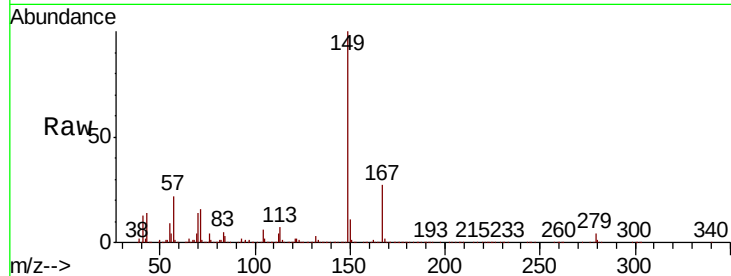




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.690 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.02 min
 Lab File: BF112610.D
 Acq: 18 Feb 2019 19:28

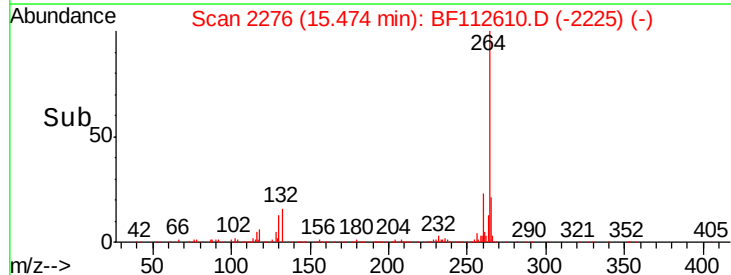
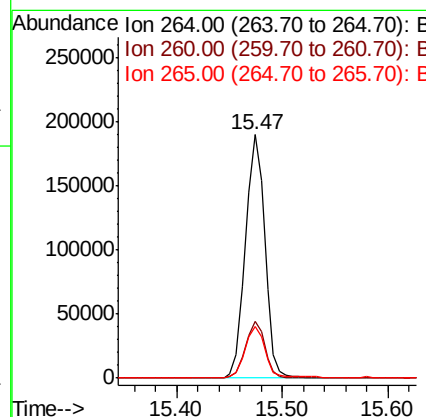
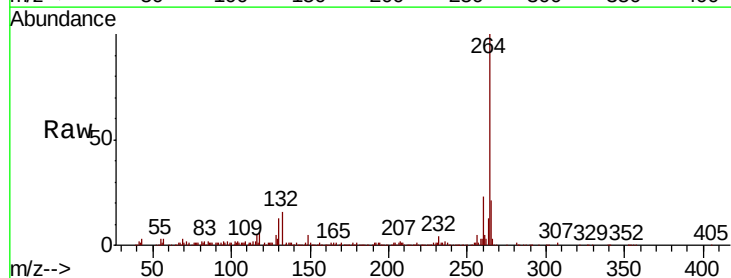
Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-8

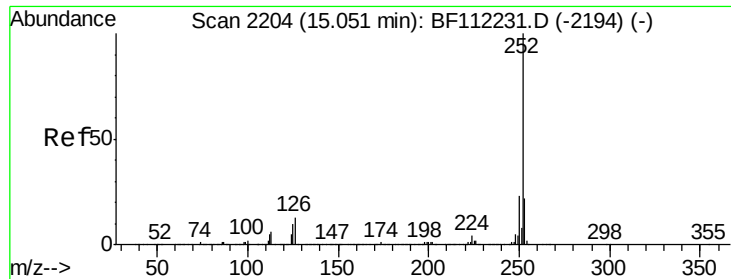
Tgt Ion:149 Resp: 544095
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.5 33.7
 279 4.3 3.8 5.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF112610.D
 Acq: 18 Feb 2019 19:28

Tgt Ion:264 Resp: 241519
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 21.4 17.0 25.4

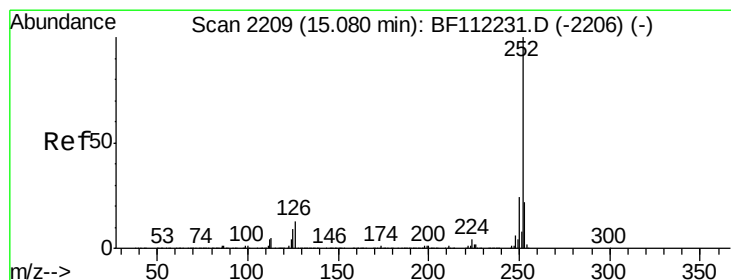
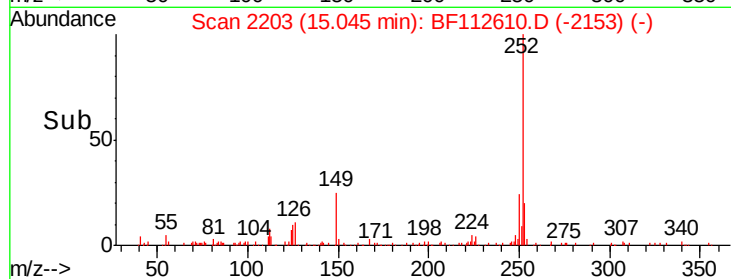
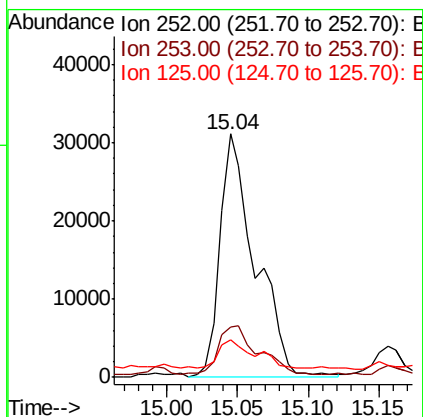
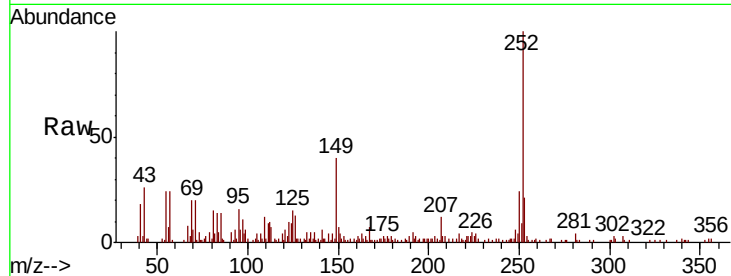




#88
Benzo(b)fluoranthene
Concen: 3.791 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112610.D
Acq: 18 Feb 2019 19:28

Instrument :
BNA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion:252 Resp: 54763
Ion Ratio Lower Upper
252 100
253 20.5 18.0 27.0
125 15.3 8.7 13.1#



#89
Benzo(k)fluoranthene
Concen: 3.958 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112610.D
Acq: 18 Feb 2019 19:28

Tgt Ion:252 Resp: 54763
Ion Ratio Lower Upper
252 100
253 20.5 18.0 27.0
125 15.3 9.1 13.7#

