

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119542.D
 Acq On : 26 Mar 2020 21:05
 Operator : CG/JU
 Sample : L2040-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-06

Quant Time: Mar 27 00:45:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

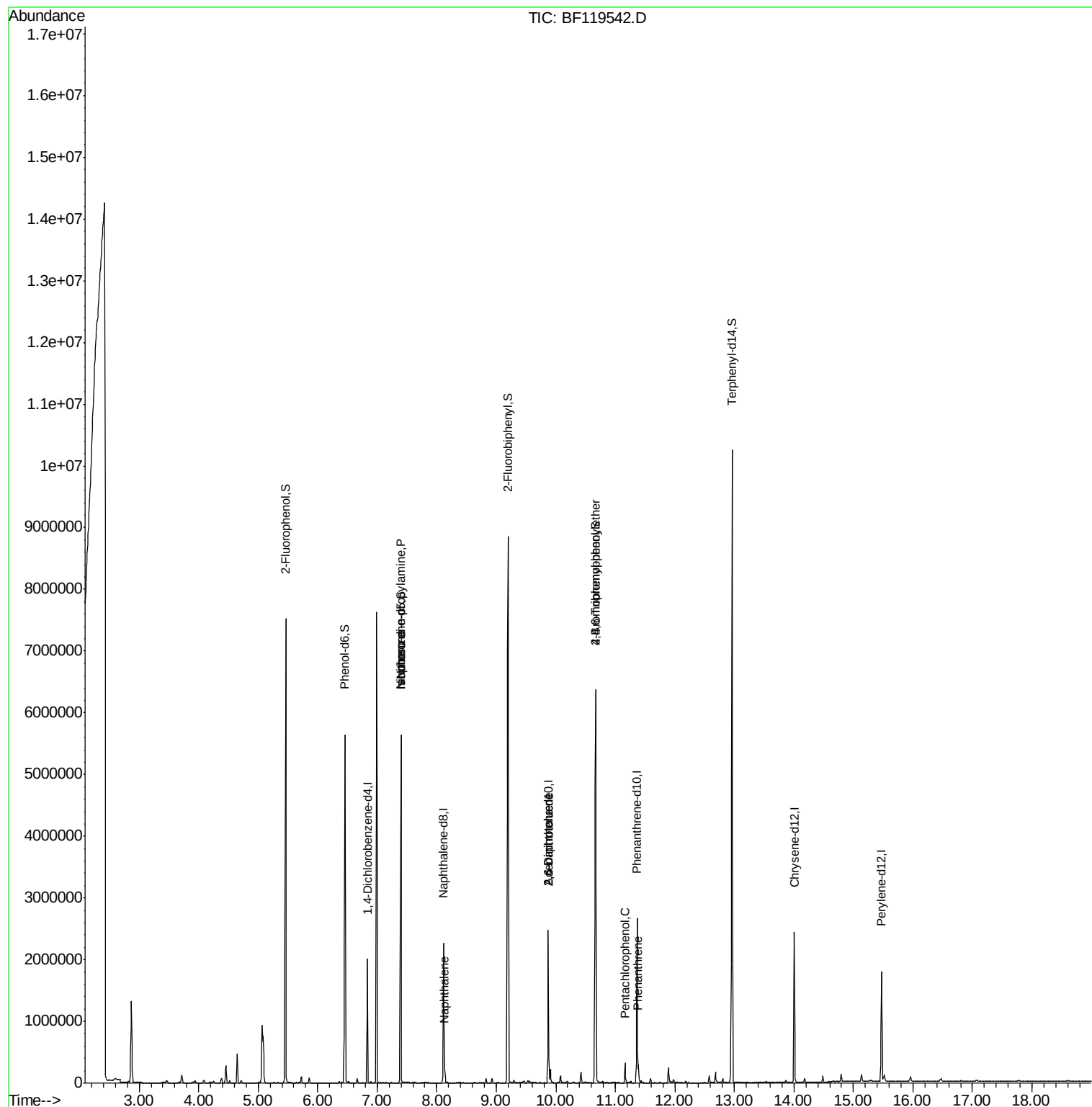
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	262387	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	981806	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	526673	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1055935	20.00	ng	0.00
76) Chrysene-d12	14.01	240	849587	20.00	ng	0.00
87) Perylene-d12	15.47	264	818633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2032738	123.33	ng	0.02
7) Phenol-d6	6.46	99	2219109	105.39	ng	0.00
23) Nitrobenzene-d5	7.40	82	1863560	103.16	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	893450	164.43	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3384011	95.19	ng	0.00
79) Terphenyl-d14	12.96	244	3933068	90.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	251338	19.80	ng	# 70
25) Isophorone	7.40	82	1854981	50.62	ng	# 66
31) Naphthalene	8.13	128	106705	2.11	ng	97
51) 2,6-Dinitrotoluene	9.87	165	67140	8.37	ng	# 19
57) 2,4-Dinitrotoluene	9.87	165	67140	6.65	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	52734	4.39	ng	# 1
70) Pentachlorophenol	11.16	266	36030	4.99	ng	92
71) Phenanthrene	11.39	178	151754	2.77	ng	97

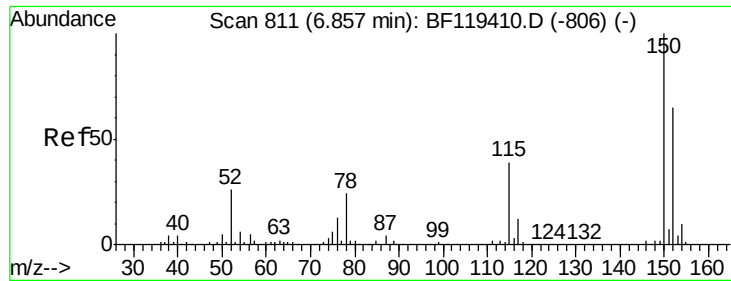
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
Data File : BF119542.D
Acq On : 26 Mar 2020 21:05
Operator : CG/JU
Sample : L2040-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-06

Quant Time: Mar 27 00:45:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 16:30:13 2020
Response via : Initial Calibration



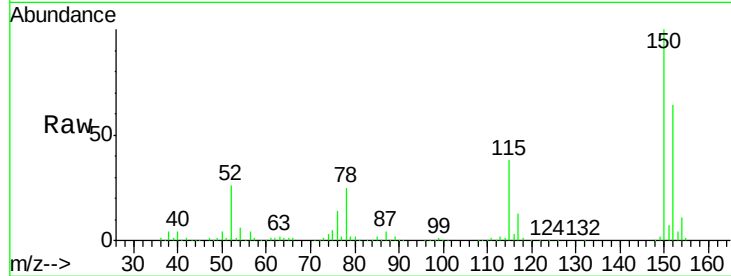


#1

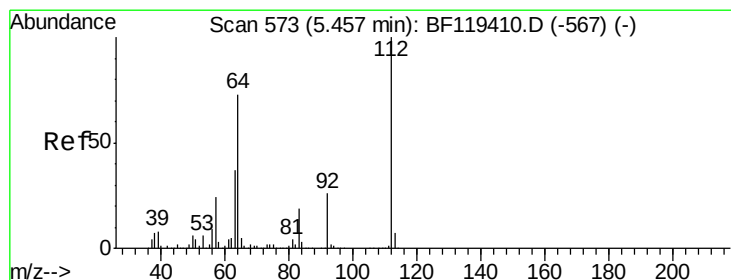
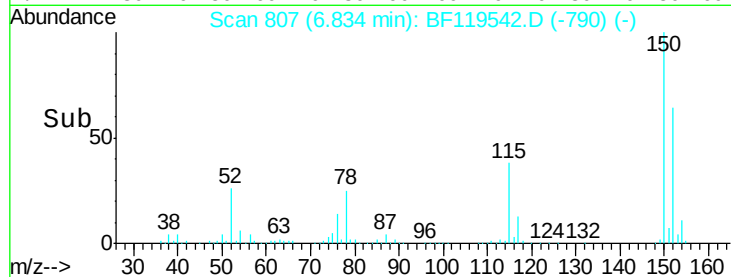
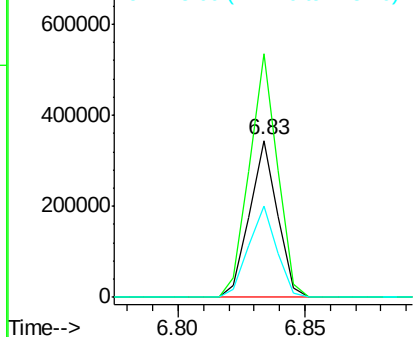
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Instrument :
BNA_F
ClientSampleId :
RO-06

Tgt Ion:152 Resp: 262387
Ion Ratio Lower Upper
152 100
150 155.2 123.9 185.9
115 58.6 47.8 71.6



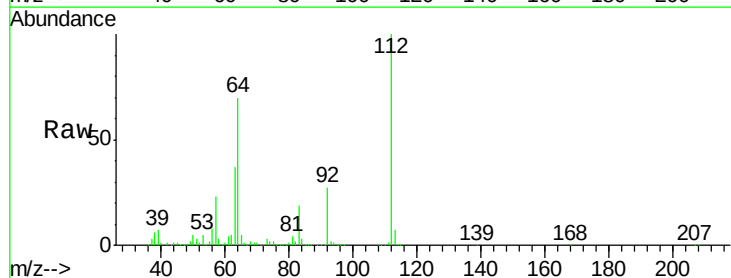
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



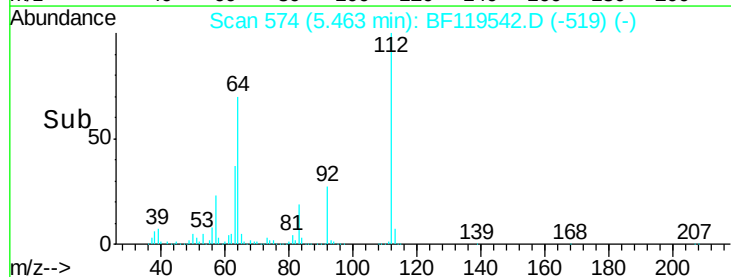
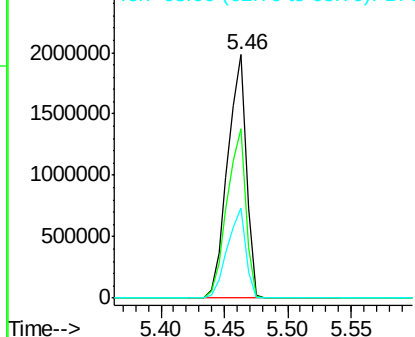
#5

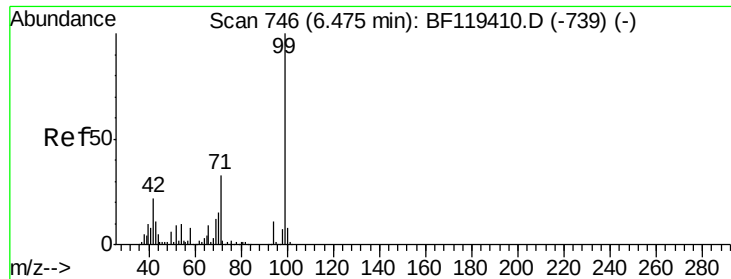
2-Fluorophenol
Concen: 123.33 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Tgt Ion:112 Resp: 2032738
Ion Ratio Lower Upper
112 100
64 69.8 58.1 87.1
63 36.7 29.7 44.5



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: 105.39 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119542.D

Acq: 26 Mar 2020 21:05

Instrument :

BNA_F

ClientSampleId :

RO-06

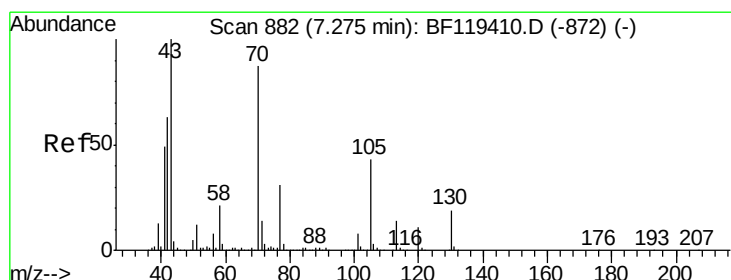
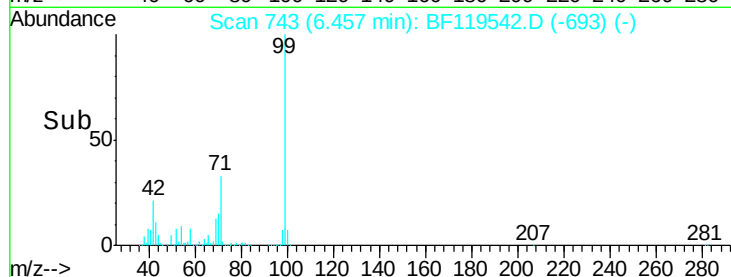
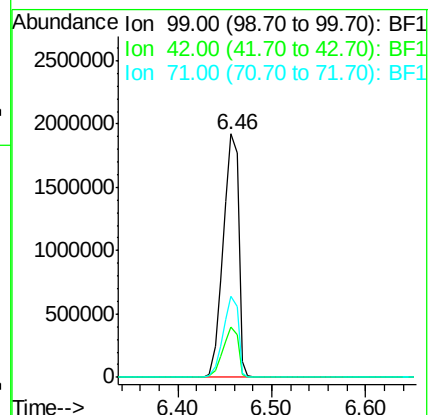
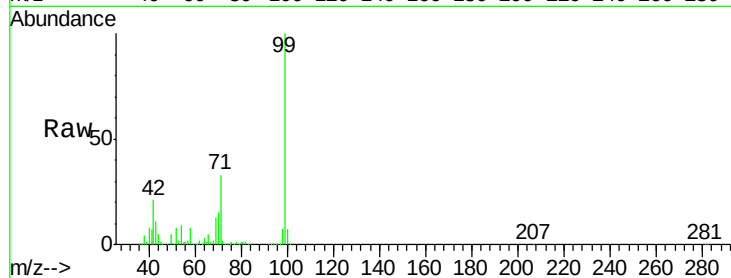
Tgt Ion: 99 Resp: 2219109

Ion Ratio Lower Upper

99 100

42 20.7 17.8 26.6

71 33.5 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.80 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119542.D

Acq: 26 Mar 2020 21:05

Tgt Ion: 70 Resp: 251338

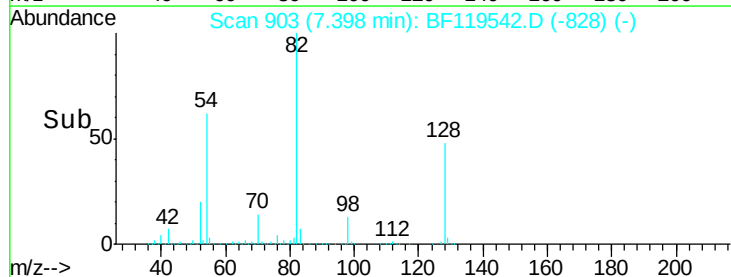
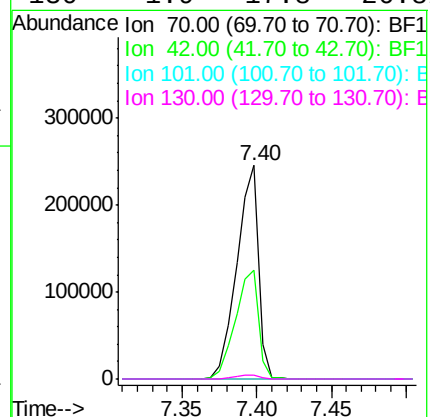
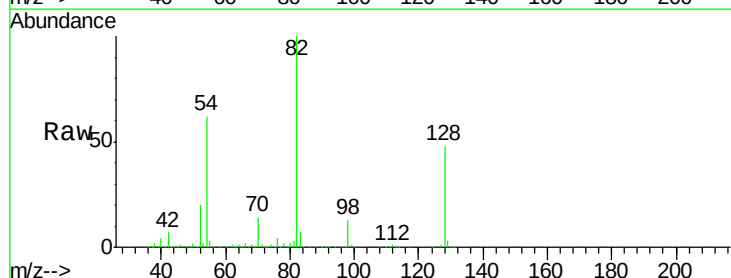
Ion Ratio Lower Upper

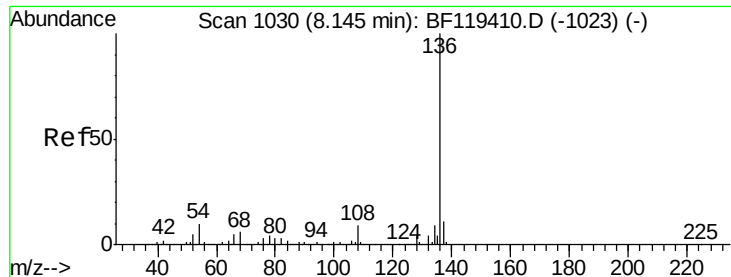
70 100

42 50.9 58.2 87.4#

101 0.0 7.4 11.2#

130 1.9 17.8 26.8#

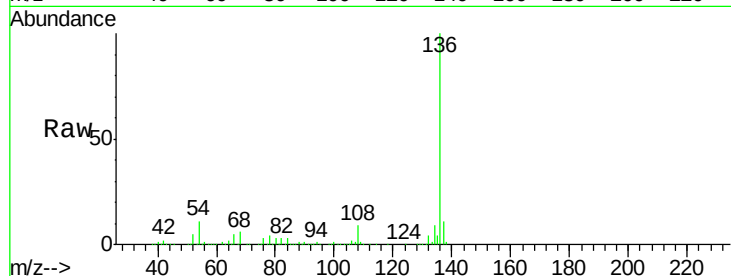




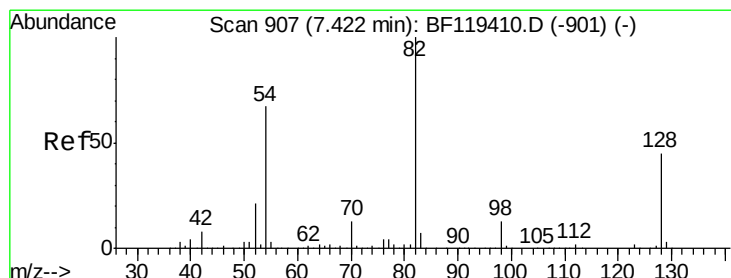
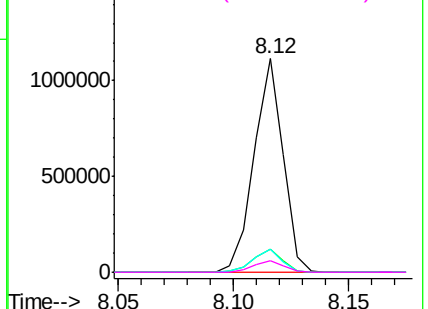
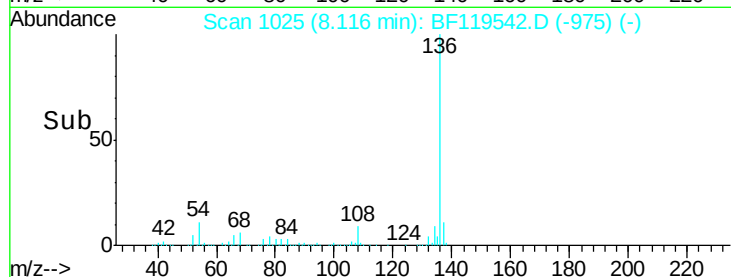
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Instrument :
BNA_F
ClientSampleId :
RO-06

Tgt Ion:	136	Resp:	981806
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.6	8.3	12.5
68	5.7	4.9	7.3

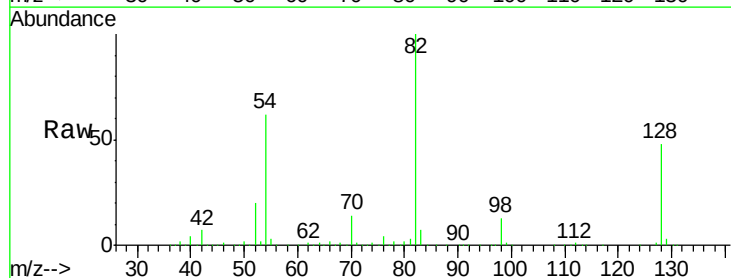


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

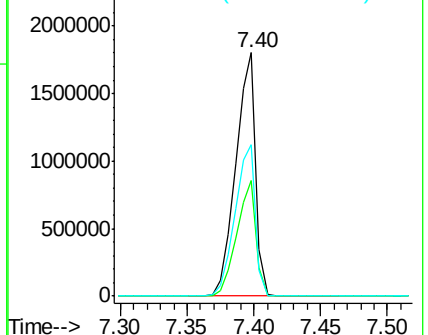
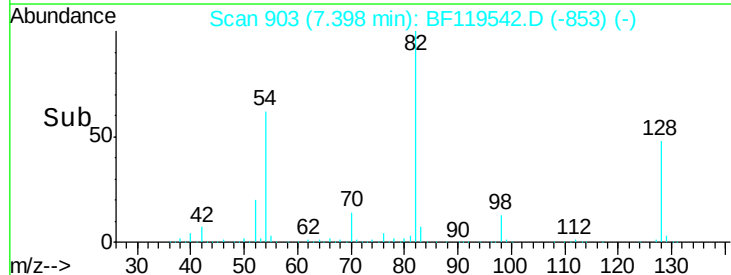


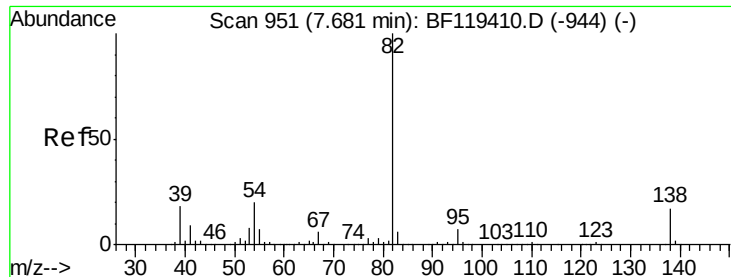
#23
Nitrobenzene-d5
Concen: 103.16 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Tgt Ion:	82	Resp:	1863560
Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.8	53.8
54	62.3	53.4	80.0



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





#25

Isophorone

Concen: 50.62 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119542.D

Acq: 26 Mar 2020 21:05

Instrument :

BNA_F

ClientSampleId :

RO-06

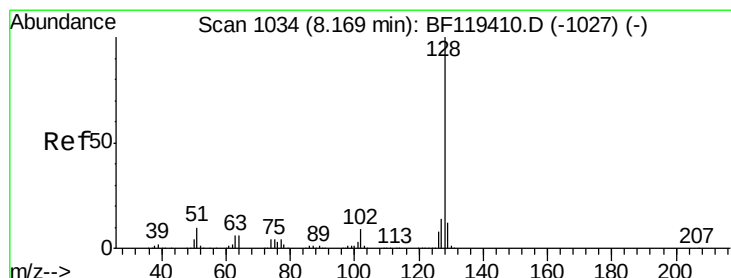
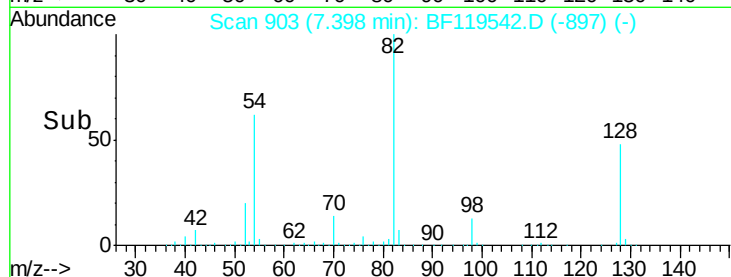
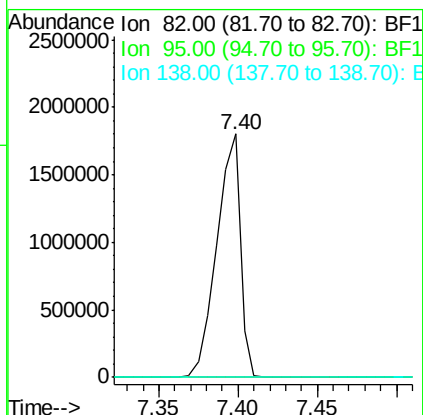
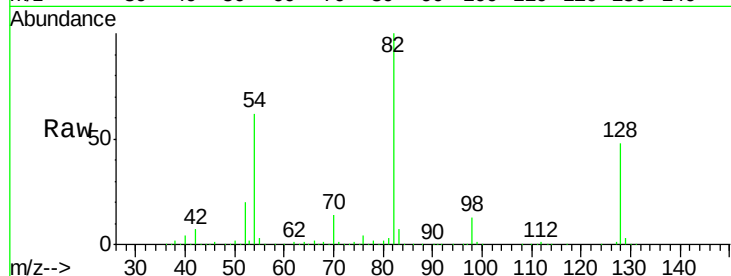
Tgt Ion: 82 Resp: 1854981

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



#31

Naphthalene

Concen: 2.11 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119542.D

Acq: 26 Mar 2020 21:05

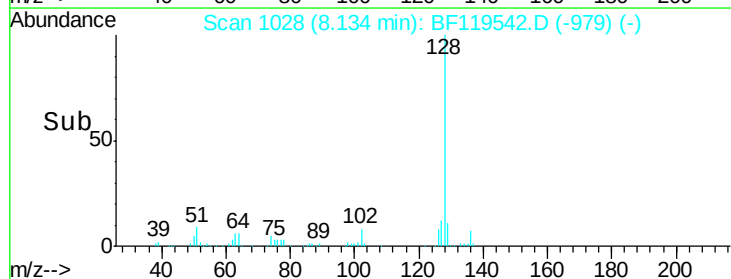
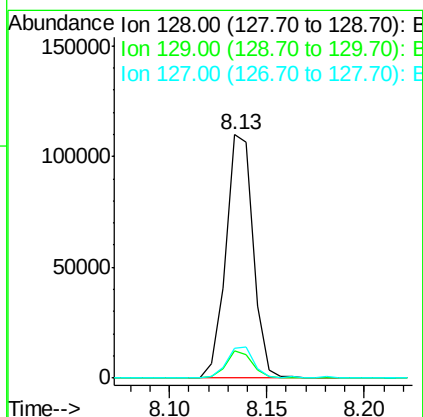
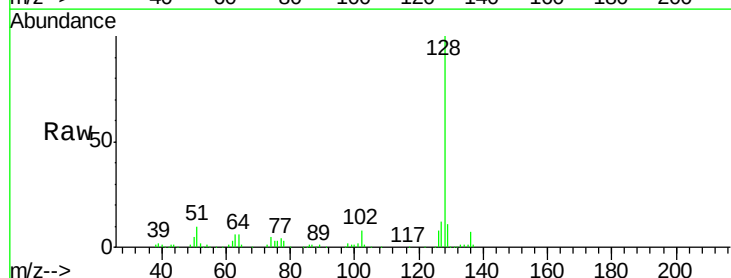
Tgt Ion: 128 Resp: 106705

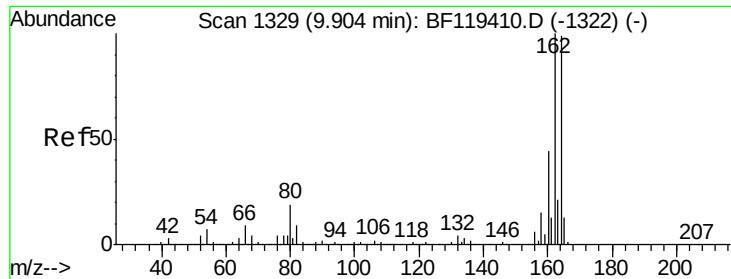
Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

127 12.0 11.0 16.4

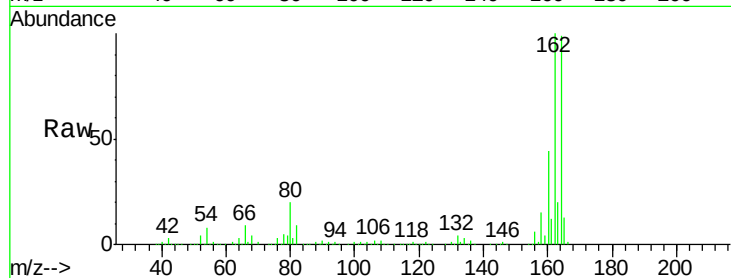




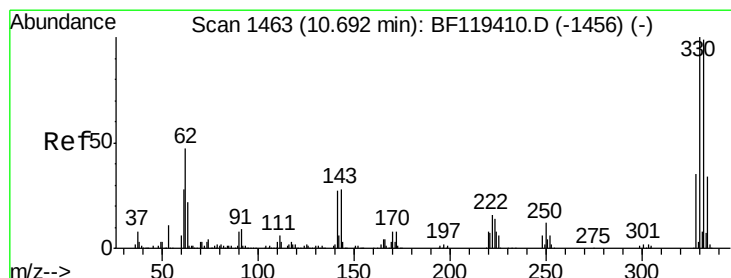
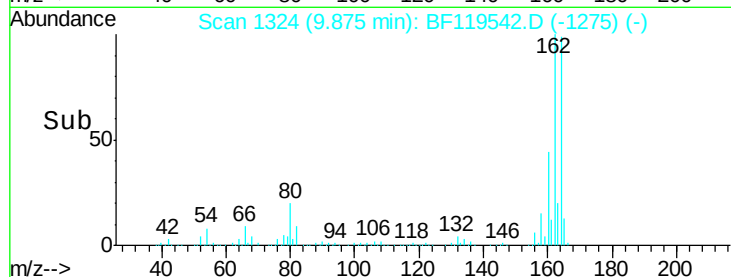
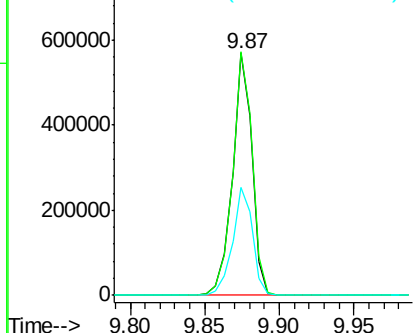
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Instrument :
BNA_F
ClientSampleId :
RO-06

Tgt Ion:164 Resp: 526673
Ion Ratio Lower Upper
164 100
162 100.7 80.7 121.1
160 44.6 35.5 53.3

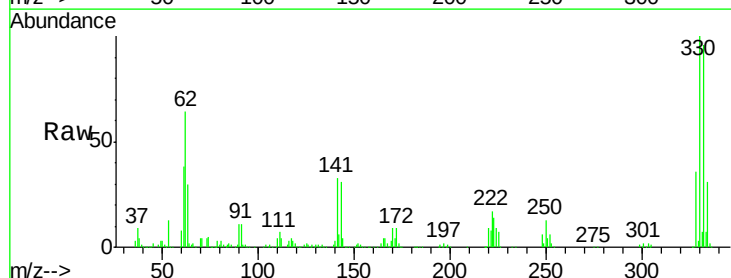


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

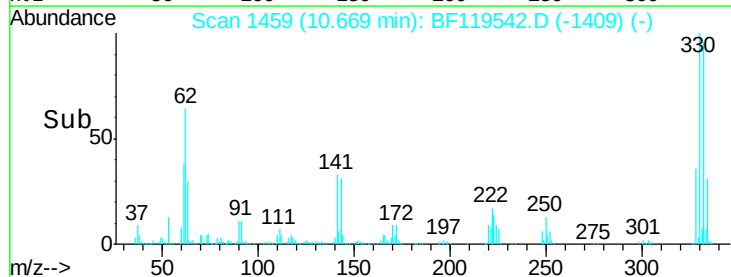
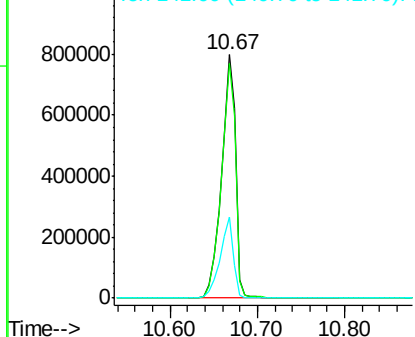


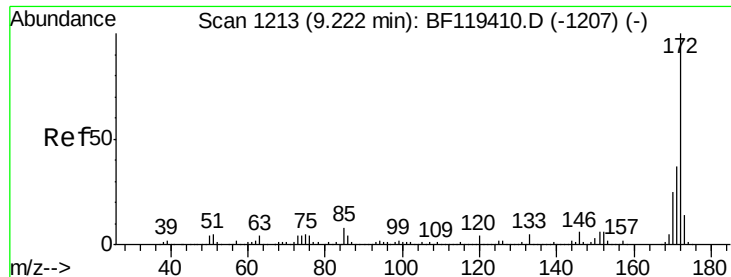
#42
2,4,6-Tribromophenol
Concen: 164.43 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Tgt Ion:330 Resp: 893450
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 31.3 26.6 40.0



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

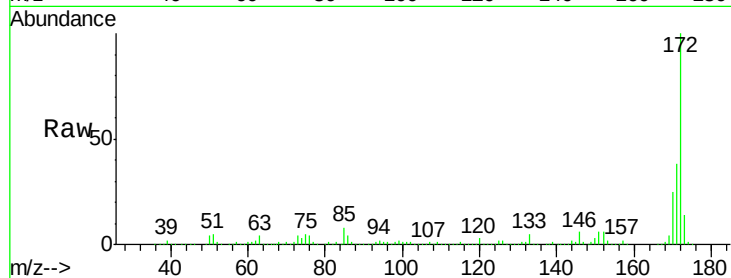




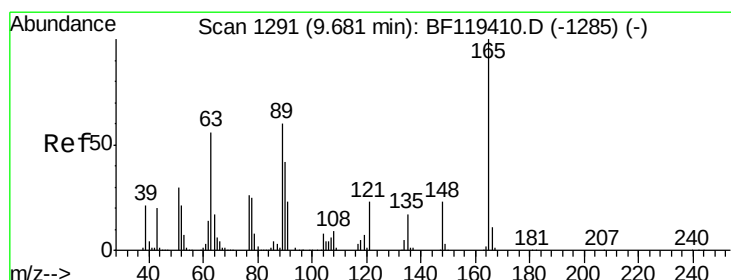
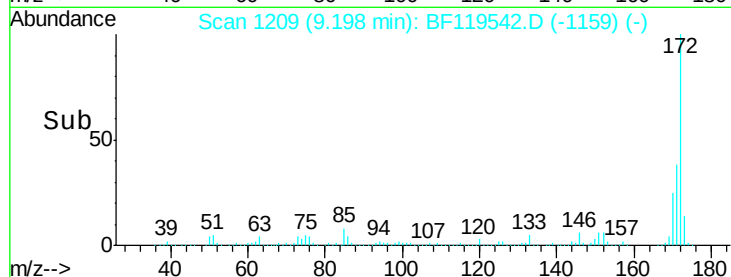
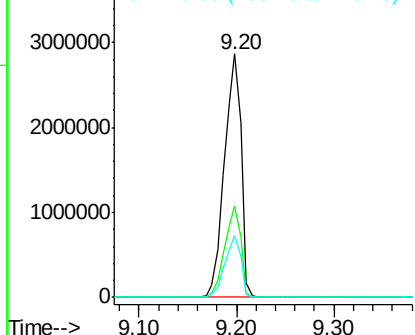
#45
 2-Fluorobiphenyl
 Concen: 95.19 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119542.D
 Acq: 26 Mar 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-06

Tgt Ion:172 Resp: 3384011
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.9 44.9
 170 25.2 20.1 30.1

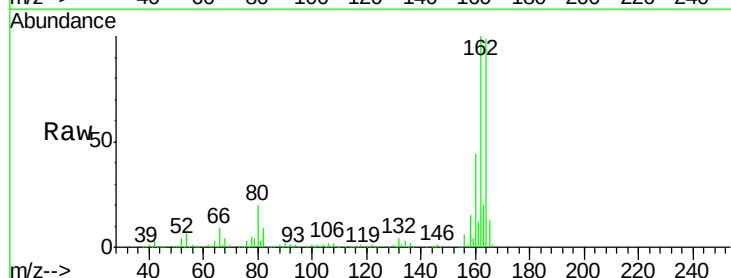


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

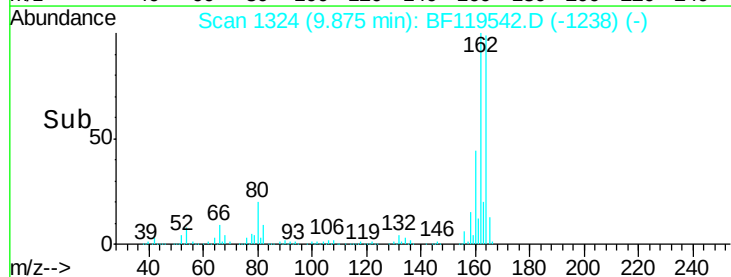
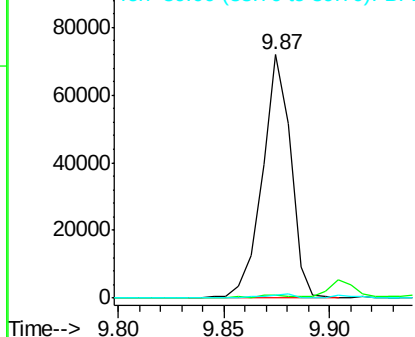


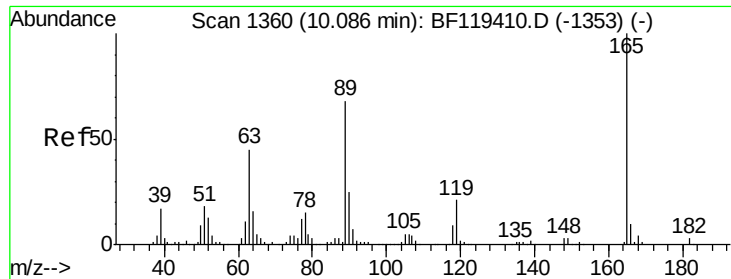
#51
 2,6-Dinitrotoluene
 Concen: 8.37 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119542.D
 Acq: 26 Mar 2020 21:05

Tgt Ion:165 Resp: 67140
 Ion Ratio Lower Upper
 165 100
 63 1.3 57.3 85.9#
 89 1.3 47.8 71.8#



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

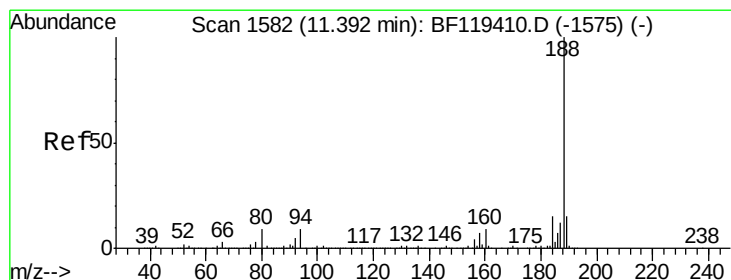
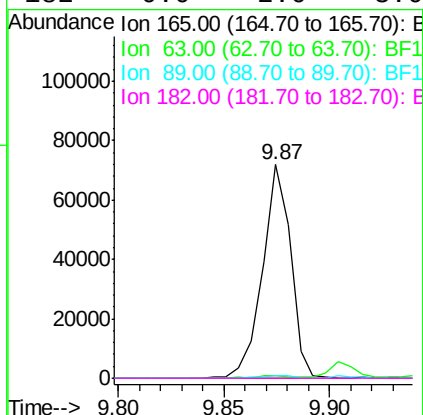
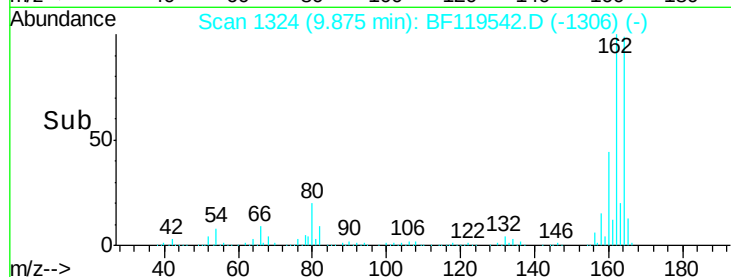
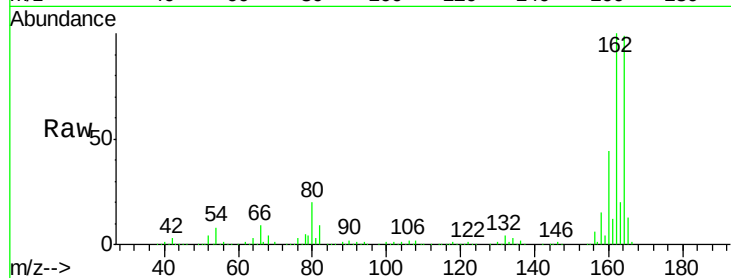




#57
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

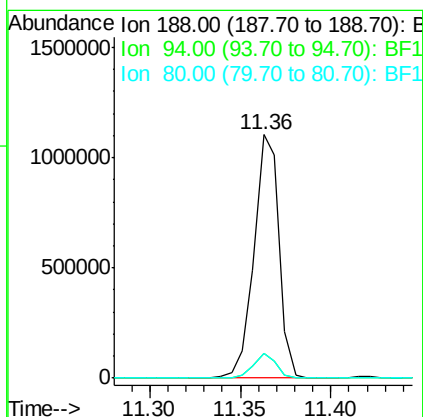
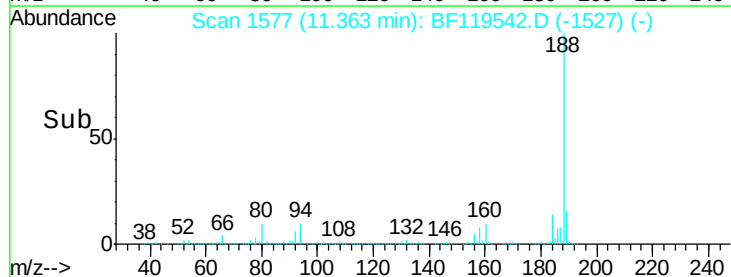
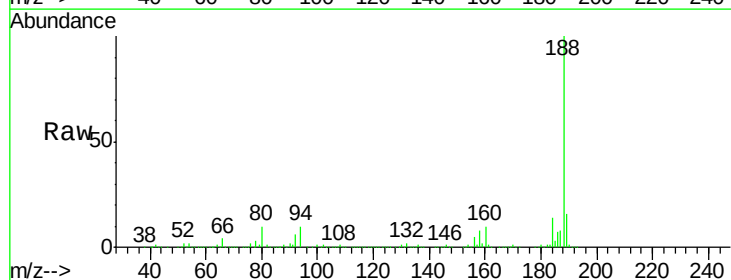
Instrument :
BNA_F
ClientSampleId :
RO-06

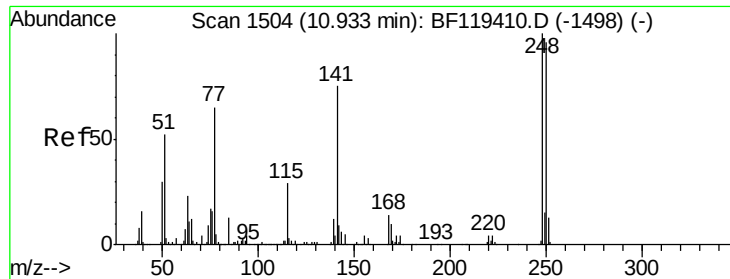
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.3	54.3	81.5#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.1	10.7
80	10.2	7.5	11.3

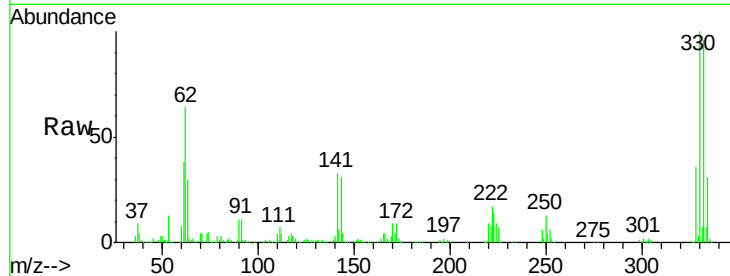




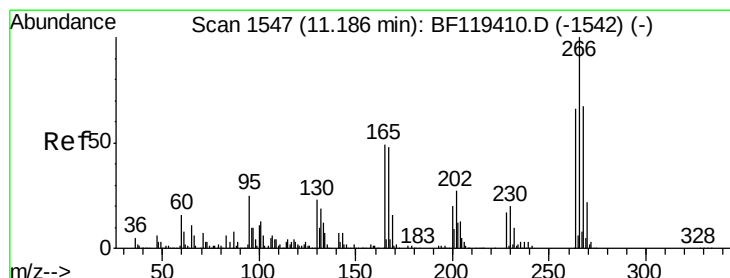
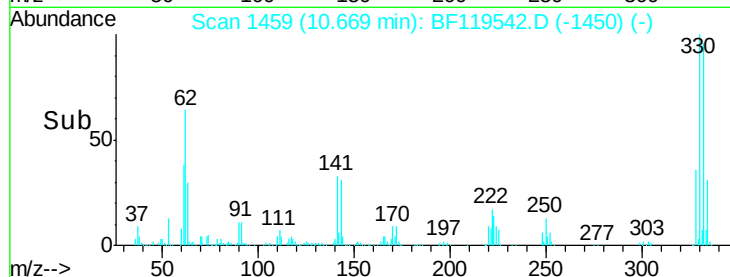
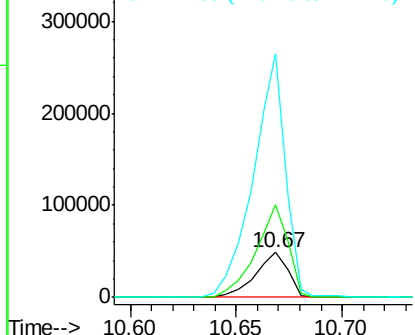
#67
 4-Bromophenyl-phenylether
 Concen: 4.39 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF119542.D
 Acq: 26 Mar 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-06

Tgt Ion:248 Resp: 52734
 Ion Ratio Lower Upper
 248 100
 250 205.5 77.0 115.6#
 141 543.1 59.7 89.5#

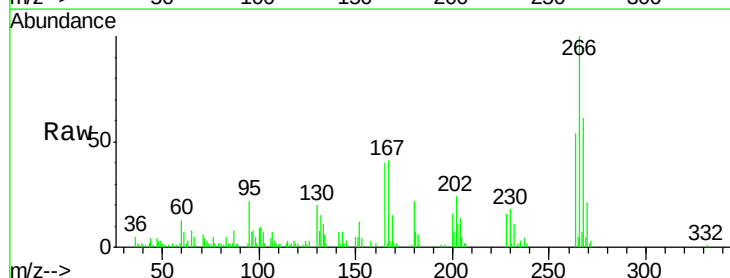


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

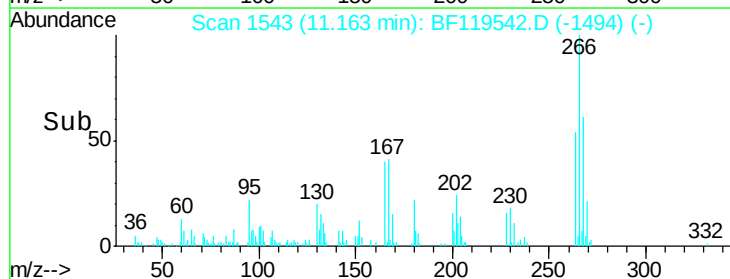
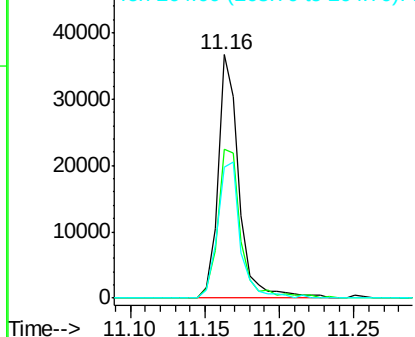


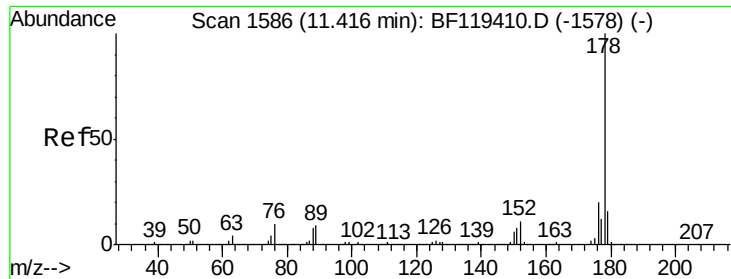
#70
 Pentachlorophenol
 Concen: 4.99 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF119542.D
 Acq: 26 Mar 2020 21:05

Tgt Ion:266 Resp: 36030
 Ion Ratio Lower Upper
 266 100
 268 61.2 53.7 80.5
 264 58.6 52.5 78.7



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

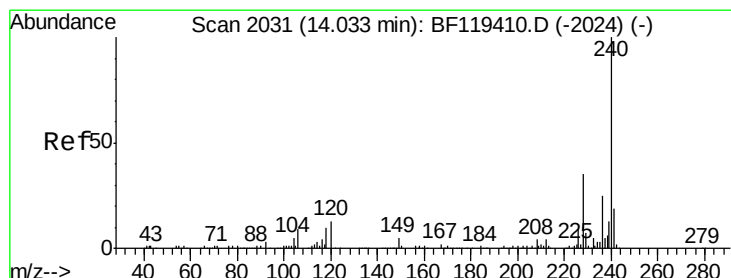
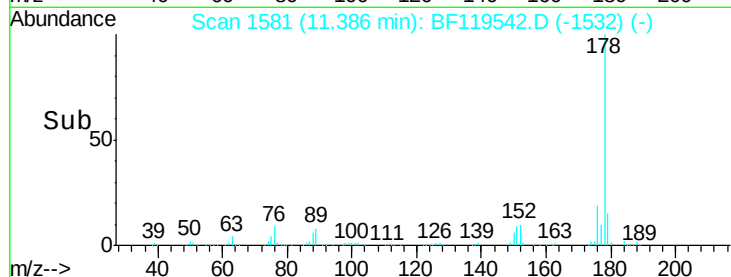
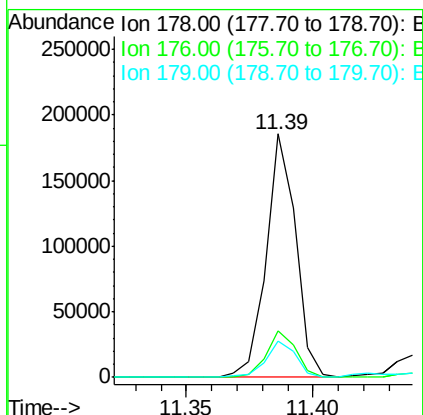
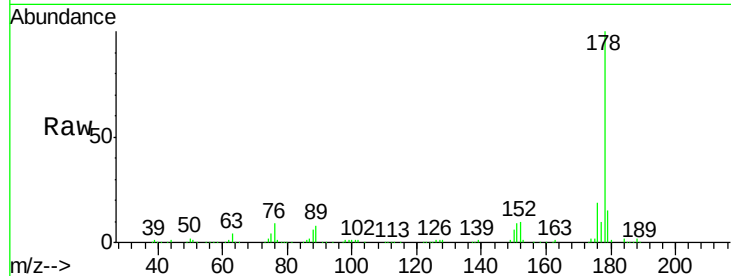




#71
Phenanthrene
Concen: 2.77 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

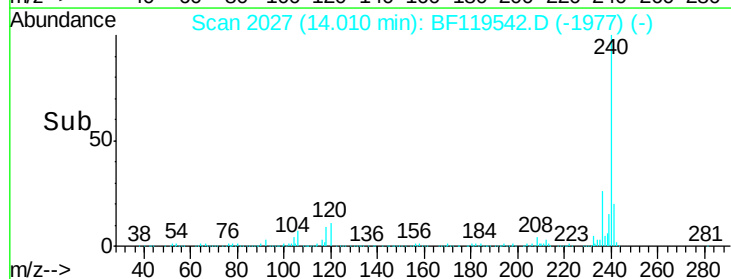
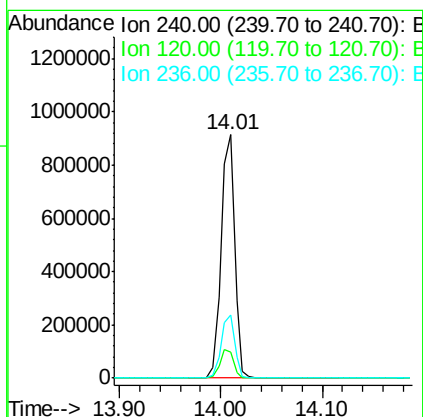
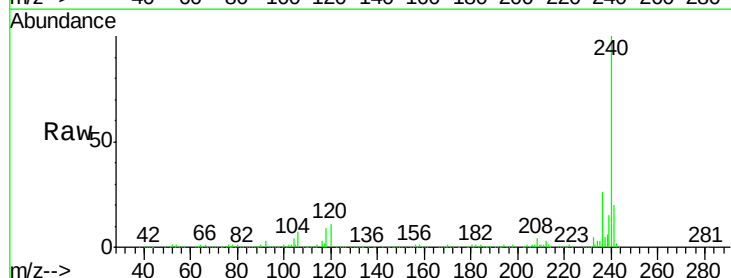
Instrument :
BNA_F
ClientSampleId :
RO-06

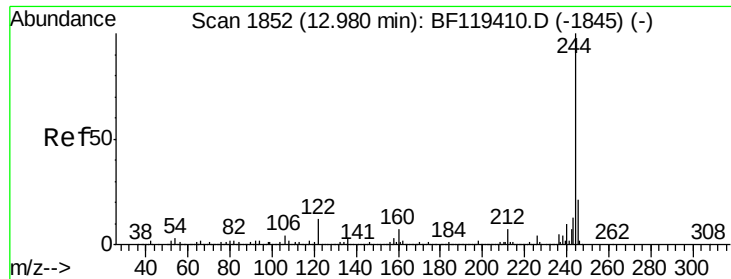
Tgt Ion:178 Resp: 151754
Ion Ratio Lower Upper
178 100
176 19.0 16.2 24.4
179 14.9 12.9 19.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119542.D
Acq: 26 Mar 2020 21:05

Tgt Ion:240 Resp: 849587
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 90.70 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119542.D

Acq: 26 Mar 2020 21:05

Instrument :

BNA_F

ClientSampleId :

RO-06

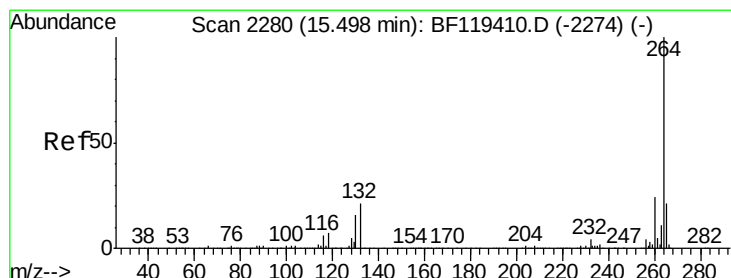
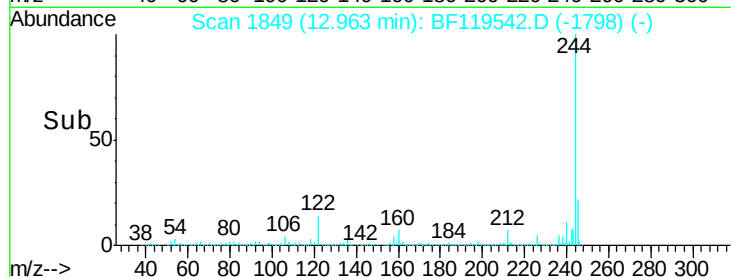
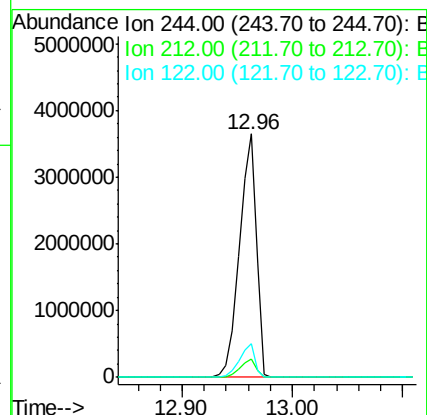
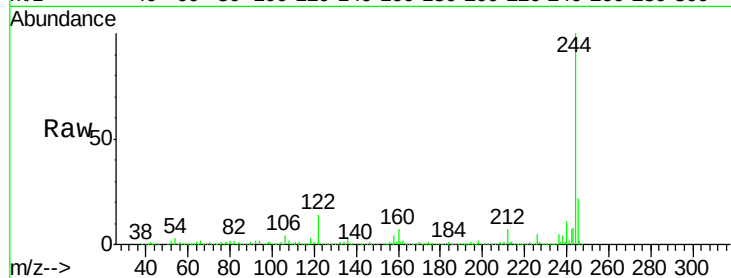
Tgt Ion:244 Resp: 3933068

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 13.7 9.8 14.8



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF119542.D

Acq: 26 Mar 2020 21:05

Tgt Ion:264 Resp: 818633

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.7 16.9 25.3

