

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119543.D
 Acq On : 26 Mar 2020 21:32
 Operator : CG/JU
 Sample : L2040-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-11986

Quant Time: Mar 27 00:45:30 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

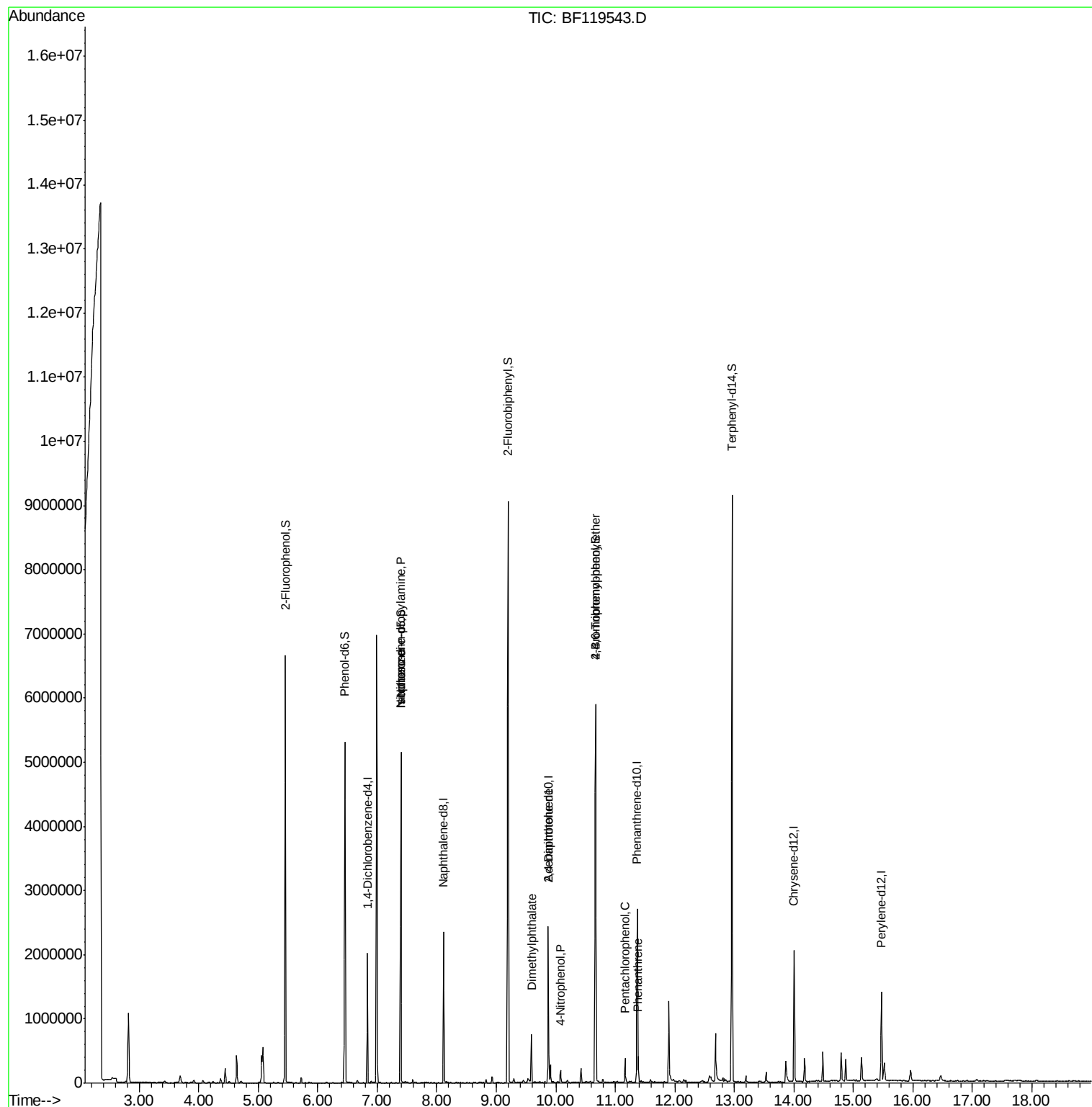
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	260636	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	961402	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	498843	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	962077	20.00	ng	0.00
76) Chrysene-d12	14.01	240	747045	20.00	ng	0.00
87) Perylene-d12	15.47	264	654802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1802314	110.08	ng	0.02
7) Phenol-d6	6.46	99	1977613	94.56	ng	0.00
23) Nitrobenzene-d5	7.40	82	1609457	90.98	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	746606	145.07	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2928905	86.98	ng	0.00
79) Terphenyl-d14	12.96	244	3439681	90.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	213741	16.95	ng	# 71
25) Isophorone	7.40	82	1603178	44.68	ng	# 66
50) Dimethylphthalate	9.59	163	297444	8.39	ng	100
56) 4-Nitrophenol	10.08	139	17742	2.35	ng	# 11
57) 2,4-Dinitrotoluene	9.87	165	64550	6.75	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	45810	4.18	ng	# 1
70) Pentachlorophenol	11.16	266	39913	6.07	ng	100
71) Phenanthrene	11.39	178	129458	2.60	ng	97

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

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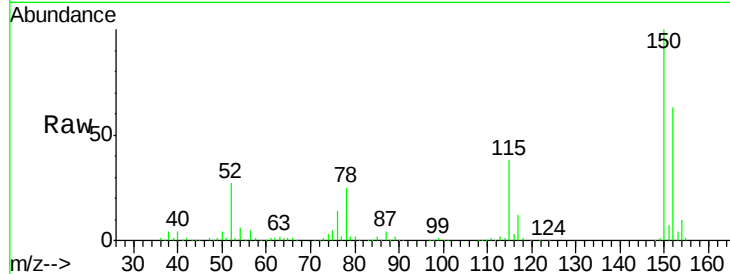


#1

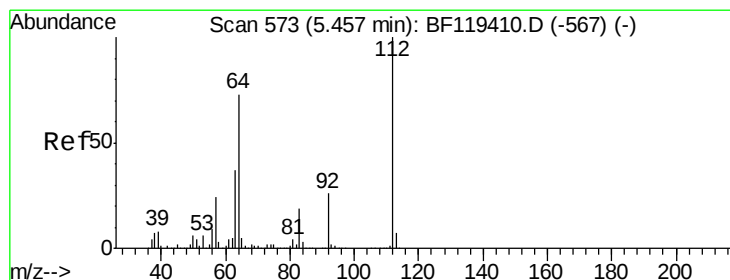
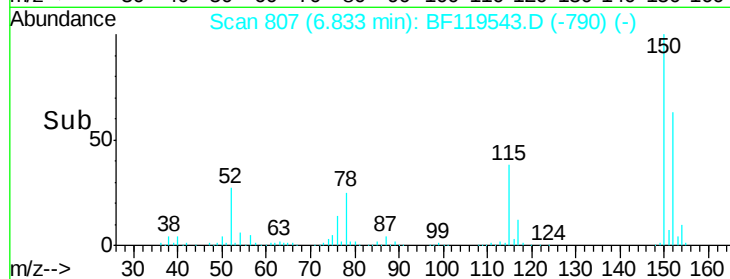
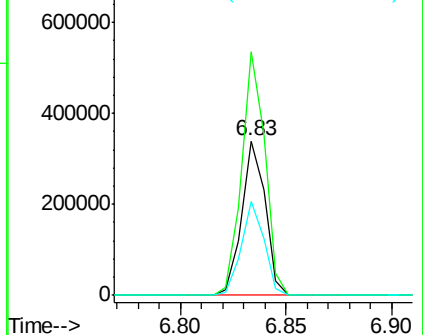
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

Instrument :
BNA_F
ClientSampleId :
RO-11986

Tgt Ion:152 Resp: 260636
Ion Ratio Lower Upper
152 100
150 157.6 123.9 185.9
115 60.5 47.8 71.6



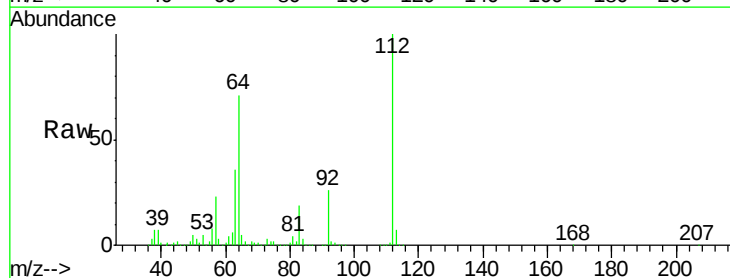
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



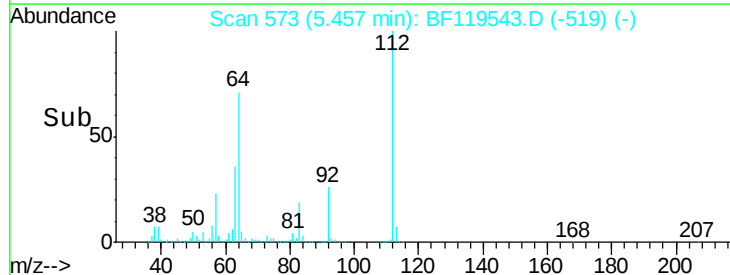
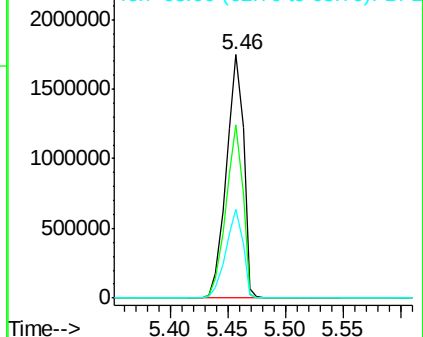
#5

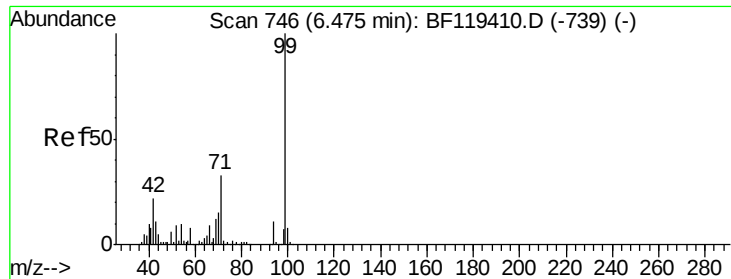
2-Fluorophenol
Concen: 110.08 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

Tgt Ion:112 Resp: 1802314
Ion Ratio Lower Upper
112 100
64 71.1 58.1 87.1
63 36.3 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: 94.56 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

Instrument :

BNA_F

ClientSampleId :

RO-11986

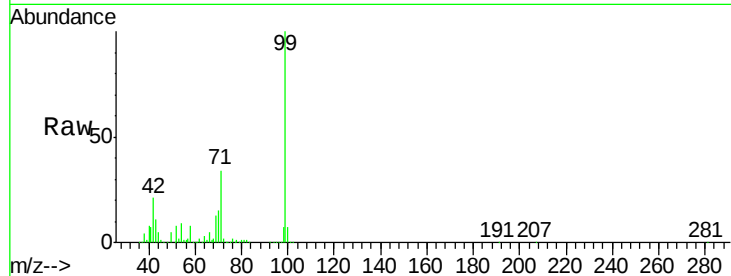
Tgt Ion: 99 Resp: 1977613

Ion Ratio Lower Upper

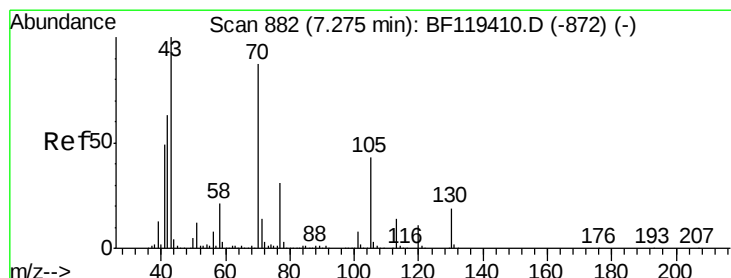
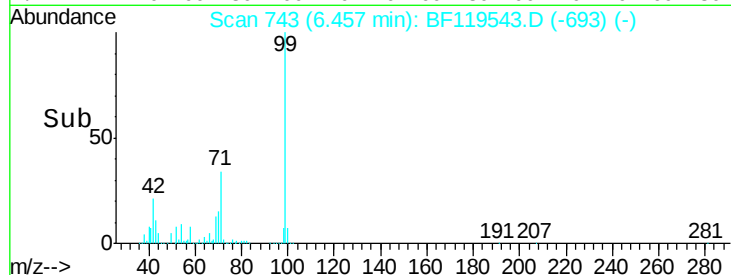
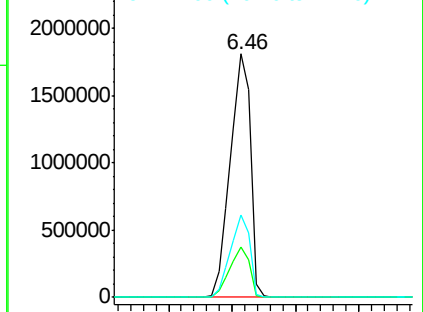
99 100

42 20.9 17.8 26.6

71 33.7 26.0 39.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.95 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

Tgt Ion: 70 Resp: 213741

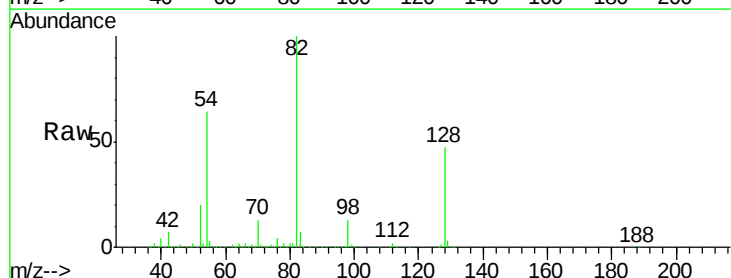
Ion Ratio Lower Upper

70 100

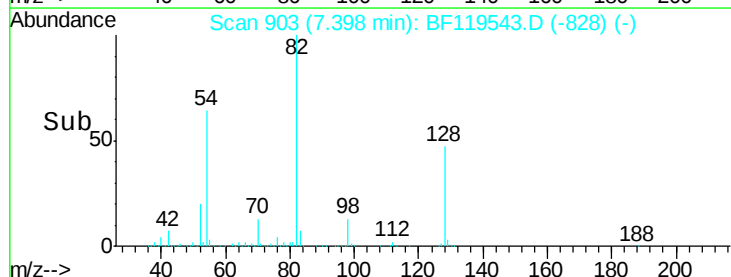
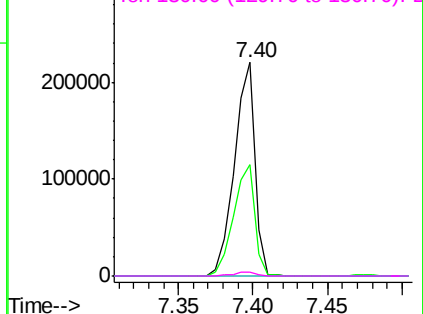
42 52.2 58.2 87.4#

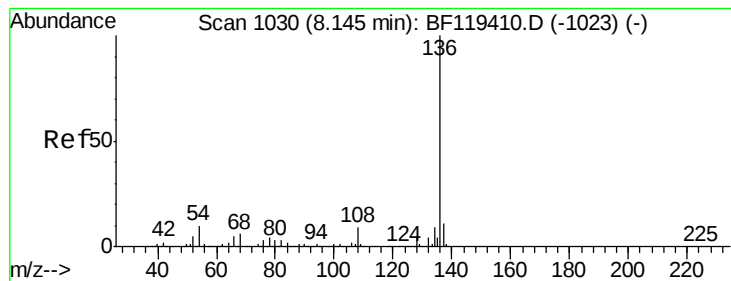
101 0.0 7.4 11.2#

130 1.9 17.8 26.8#



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: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

Instrument :

BNA_F

ClientSampleId :

RO-11986

Tgt Ion:136 Resp: 961402

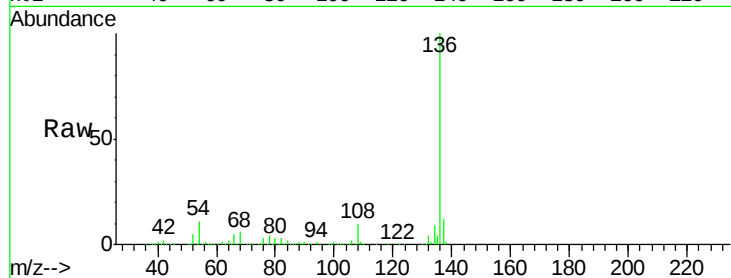
Ion Ratio Lower Upper

136 100

137 11.7 8.4 12.6

54 11.0 8.3 12.5

68 5.9 4.9 7.3

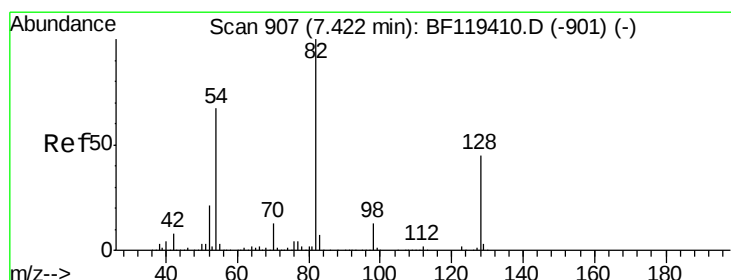
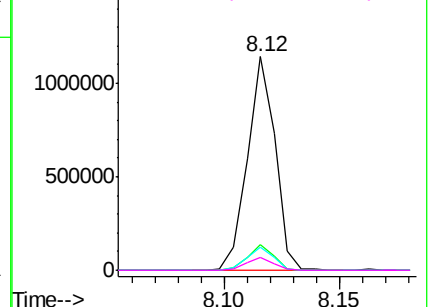
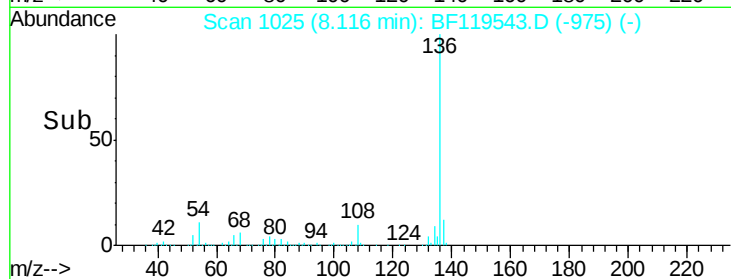


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.98 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

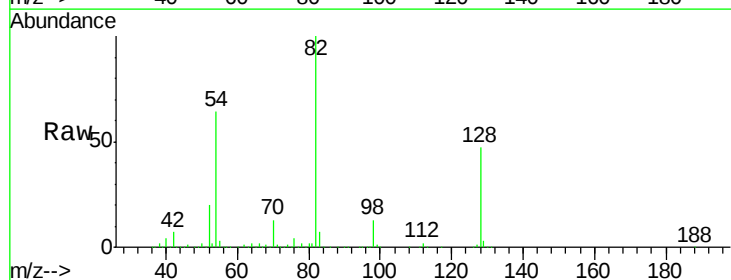
Tgt Ion: 82 Resp: 1609457

Ion Ratio Lower Upper

82 100

128 46.9 35.8 53.8

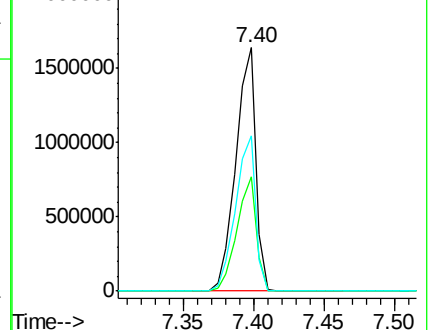
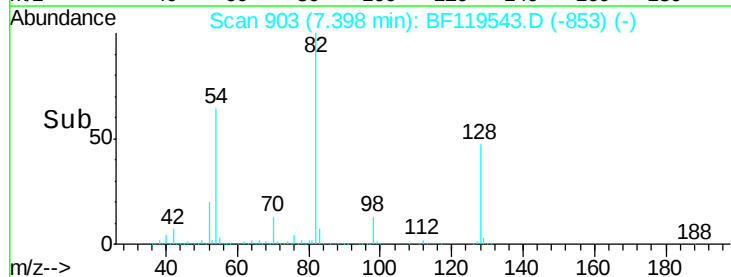
54 63.9 53.4 80.0

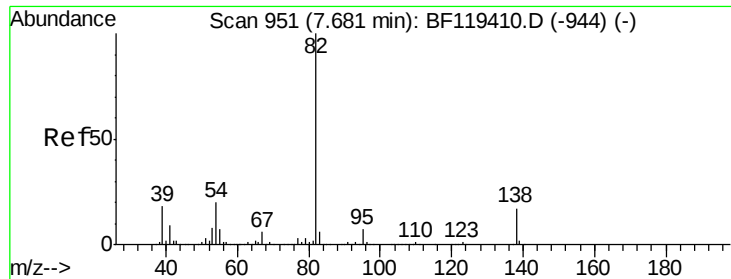


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

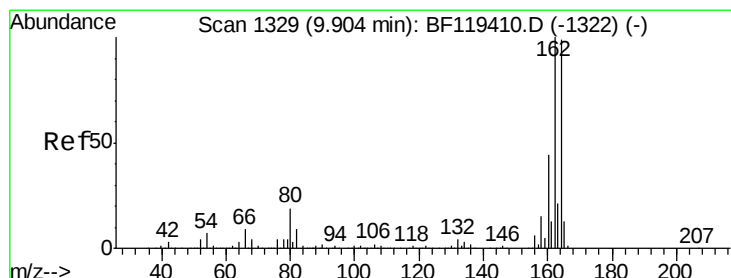
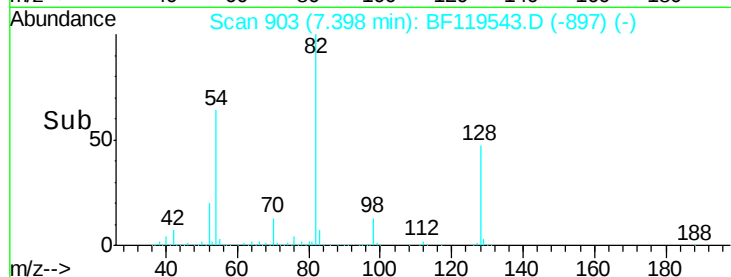
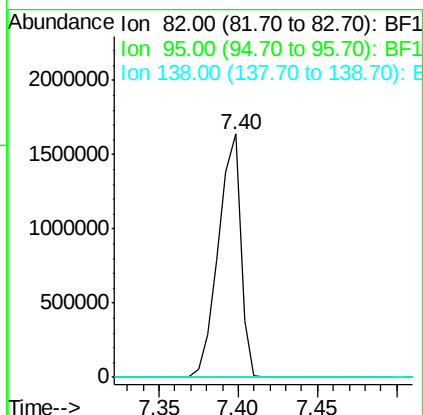
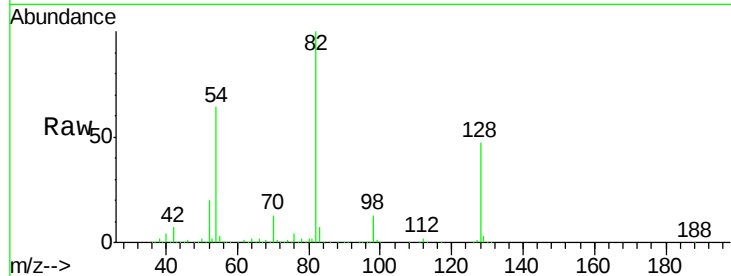




#25
Isophorone
Concen: 44.68 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.26 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

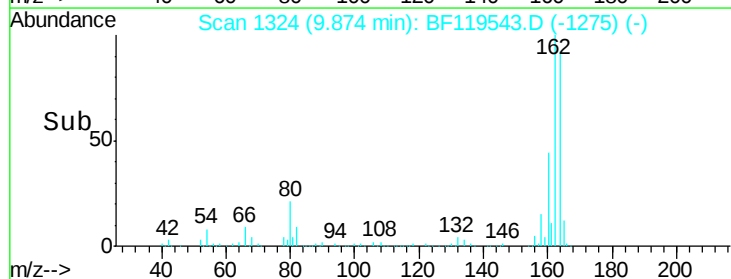
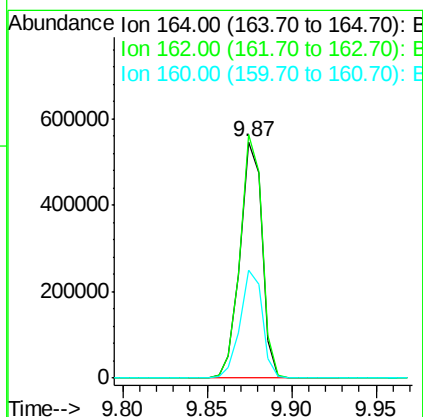
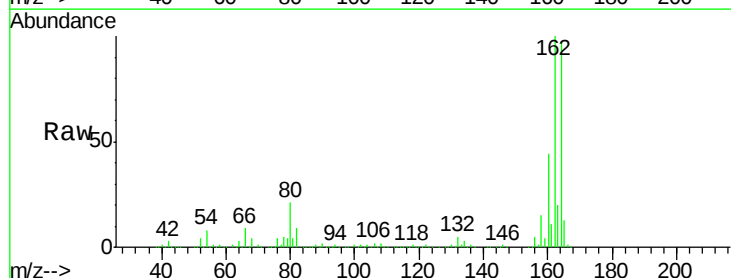
Instrument :
BNA_F
ClientSampleId :
RO-11986

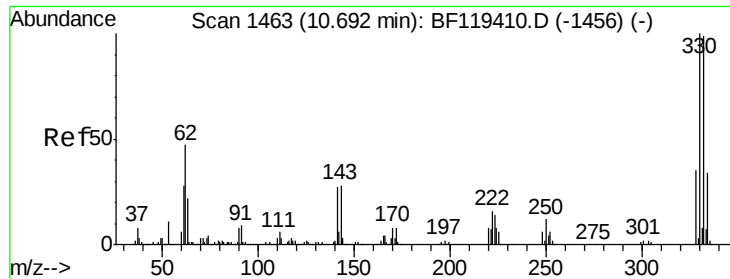
Tgt Ion: 82 Resp: 1603178
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

Tgt Ion: 164 Resp: 498843
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 45.5 35.5 53.3

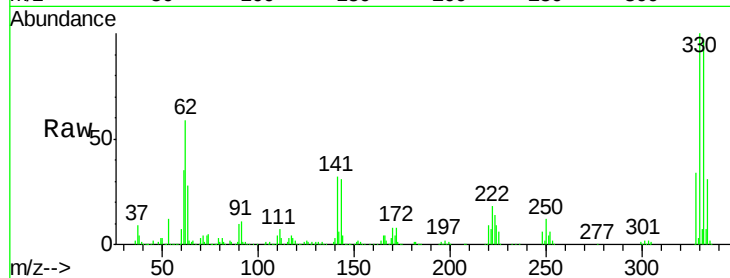




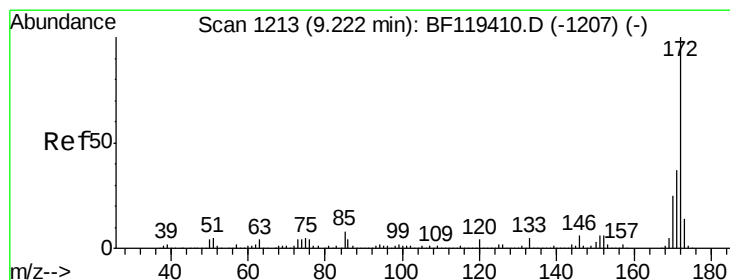
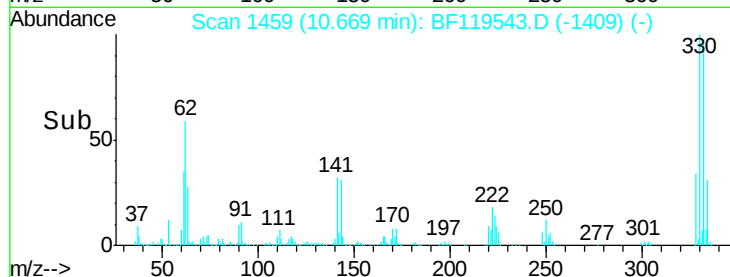
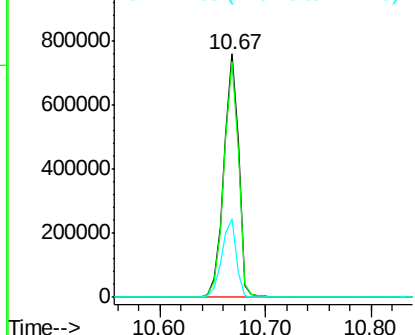
#42
 2,4,6-Tribromophenol
 Concen: 145.07 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119543.D
 Acq: 26 Mar 2020 21:32

Instrument :
 BNA_F
 ClientSampleId :
 RO-11986

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	32.1	26.6	40.0

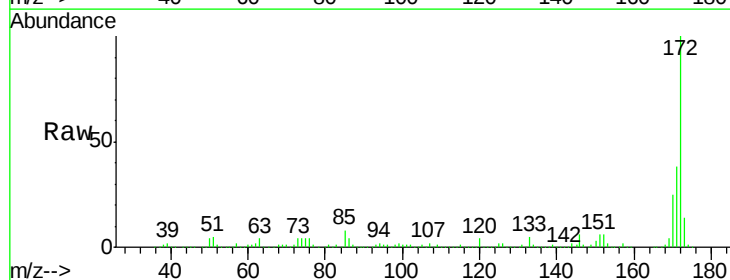


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

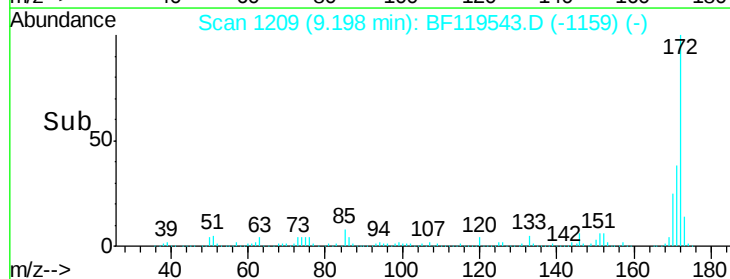
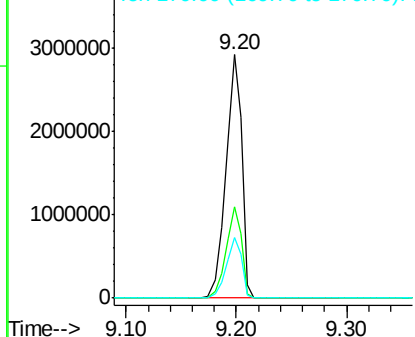


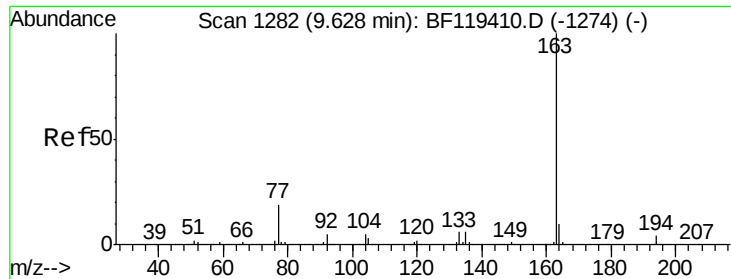
#45
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119543.D
 Acq: 26 Mar 2020 21:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.9	44.9
170	24.9	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

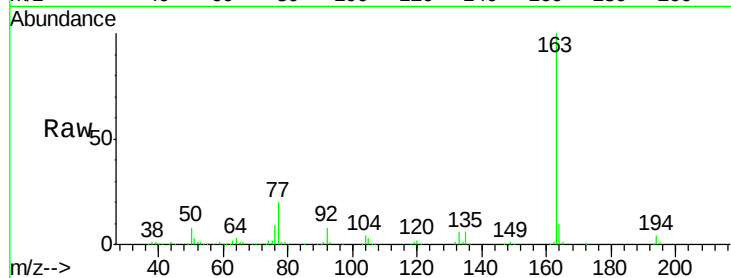




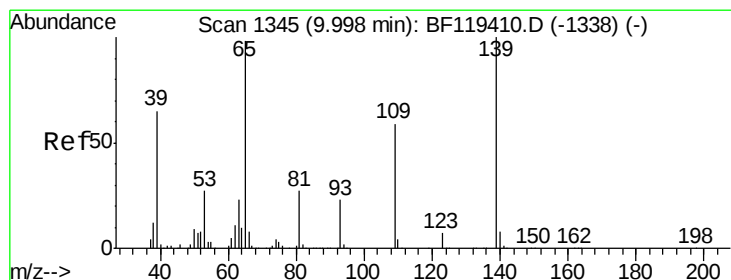
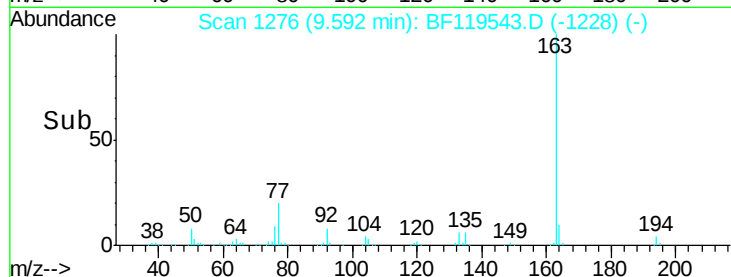
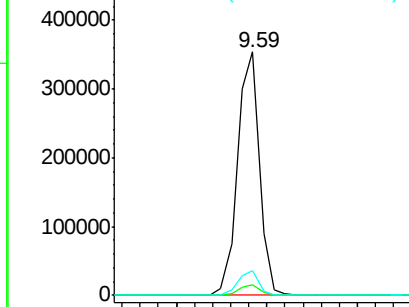
#50
 Dimethylphthalate
 Concen: 8.39 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF119543.D
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Instrument :
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 RO-11986

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.0	8.1	12.1

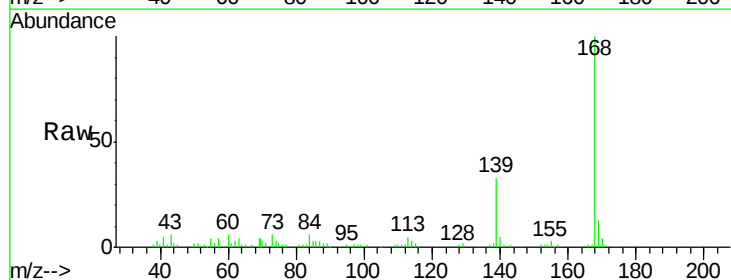


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

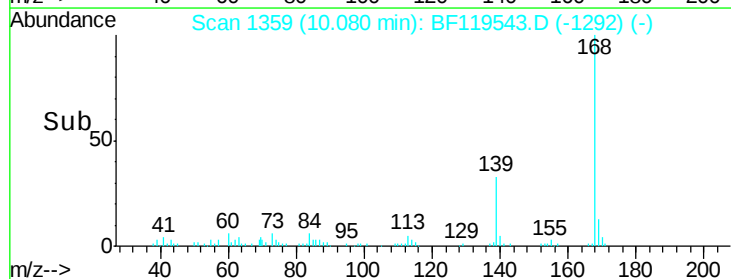
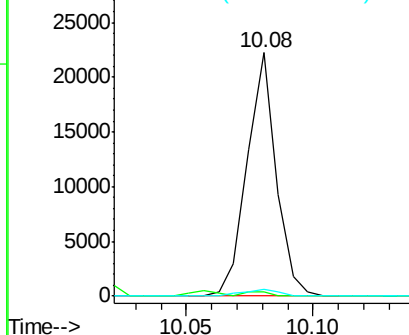


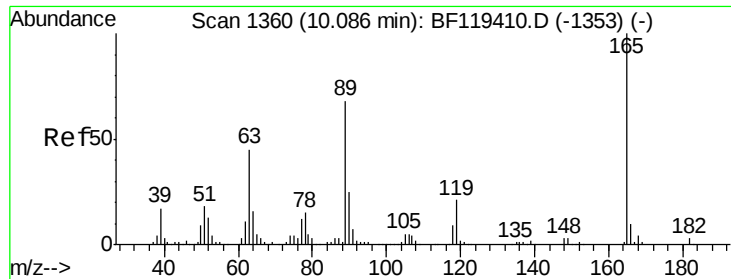
#56
 4-Nitrophenol
 Concen: 2.35 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.09 min
 Lab File: BF119543.D
 Acq: 26 Mar 2020 21:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.7	39.6	79.6#
65	2.6	78.3	118.3#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

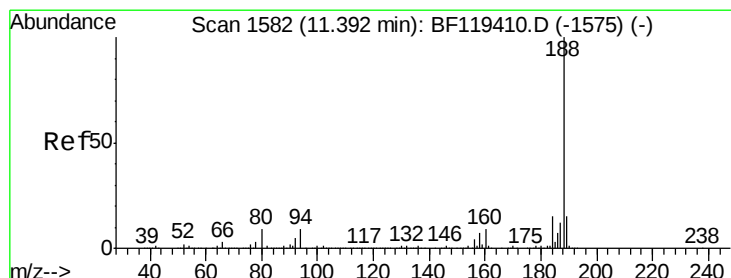
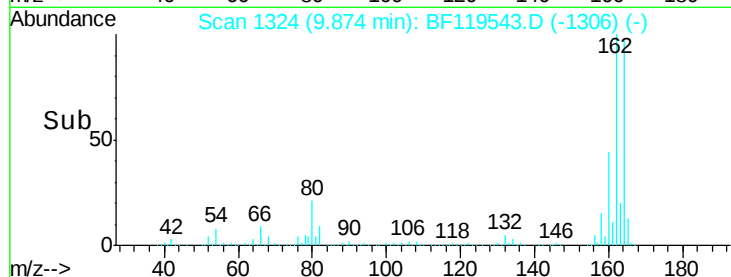
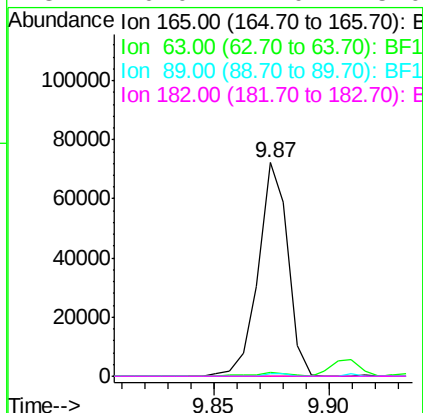
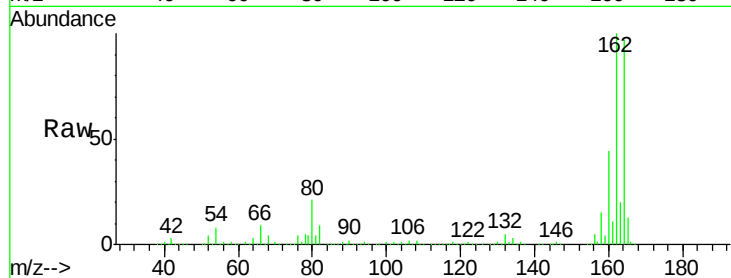




#57
2,4-Dinitrotoluene
Concen: 6.75 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

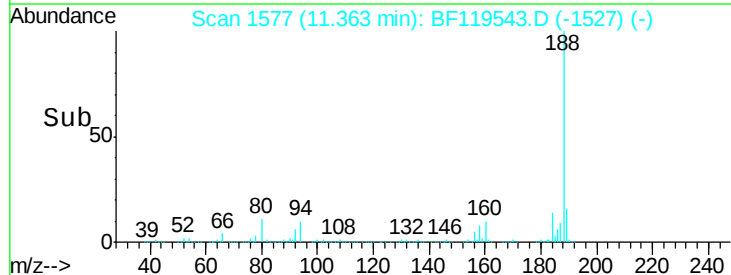
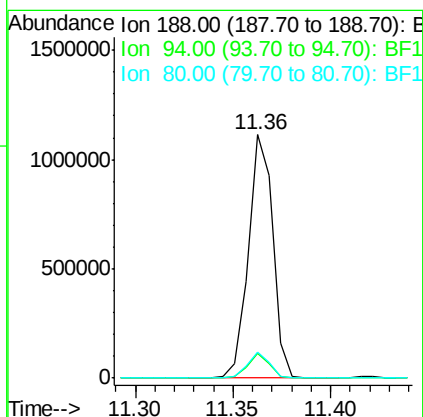
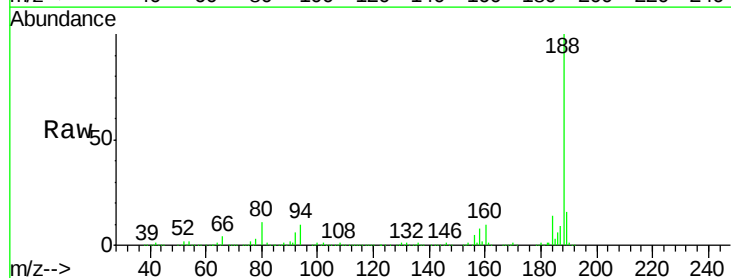
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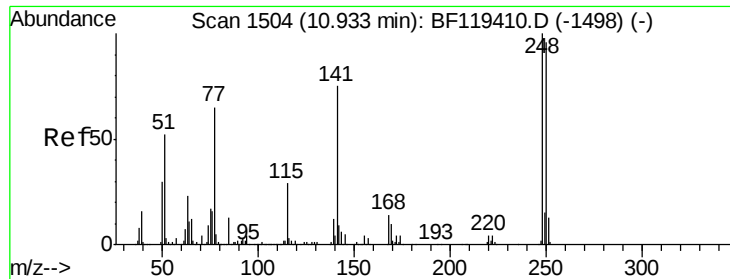
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.2	54.4#
89	1.2	54.3	81.5#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119543.D
Acq: 26 Mar 2020 21:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.1	10.7
80	10.8	7.5	11.3

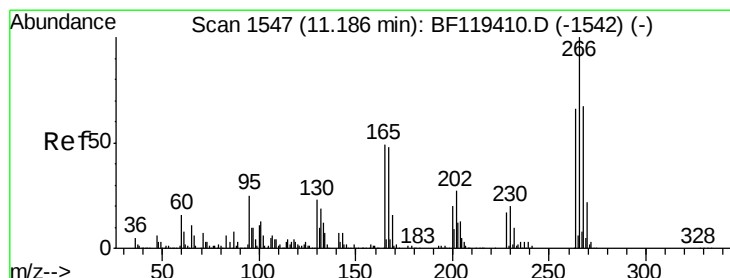
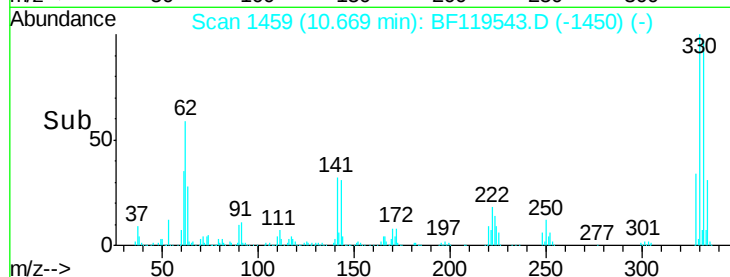
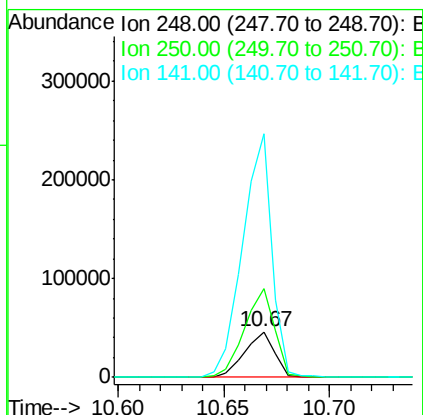
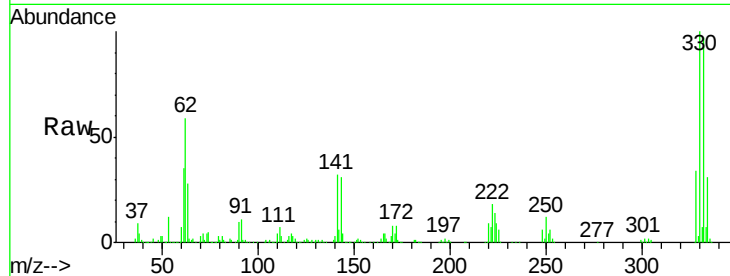




#67
 4-Bromophenyl-phenylether
 Concen: 4.18 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF119543.D
 Acq: 26 Mar 2020 21:32

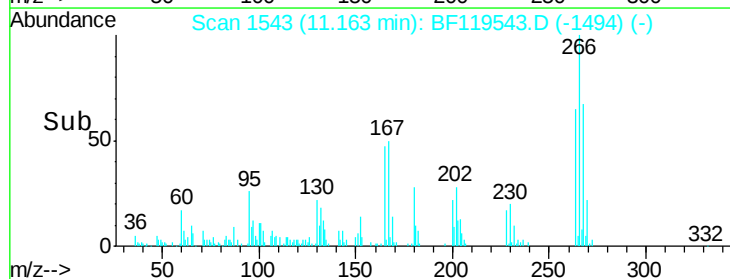
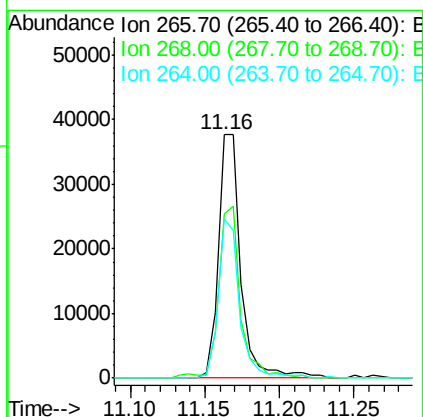
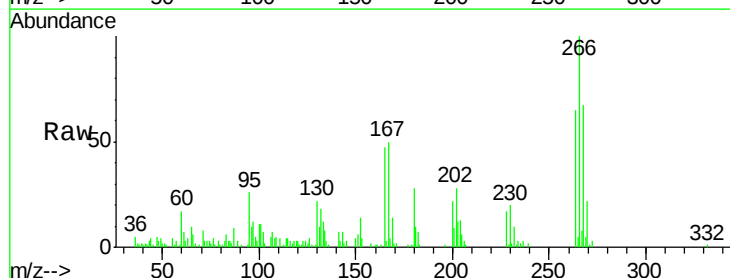
Instrument :
 BNA_F
 ClientSampleId :
 RO-11986

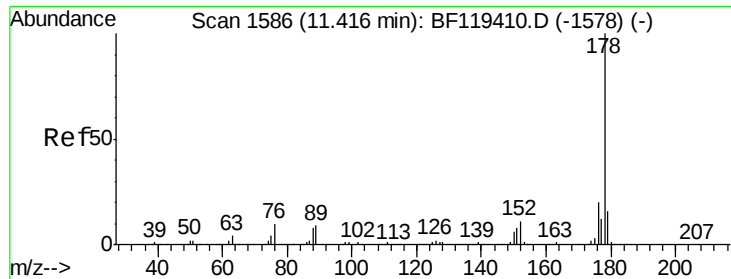
Tgt Ion:248 Resp: 45810
 Ion Ratio Lower Upper
 248 100
 250 195.5 77.0 115.6#
 141 533.0 59.7 89.5#



#70
 Pentachlorophenol
 Concen: 6.07 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF119543.D
 Acq: 26 Mar 2020 21:32

Tgt Ion:266 Resp: 39913
 Ion Ratio Lower Upper
 266 100
 268 67.4 53.7 80.5
 264 65.2 52.5 78.7





#71

Phenanthrene

Concen: 2.60 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

Instrument :

BNA_F

ClientSampleId :

RO-11986

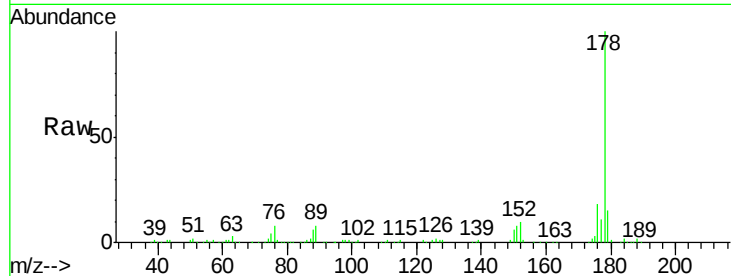
Tgt Ion:178 Resp: 129458

Ion Ratio Lower Upper

178 100

176 18.3 16.2 24.4

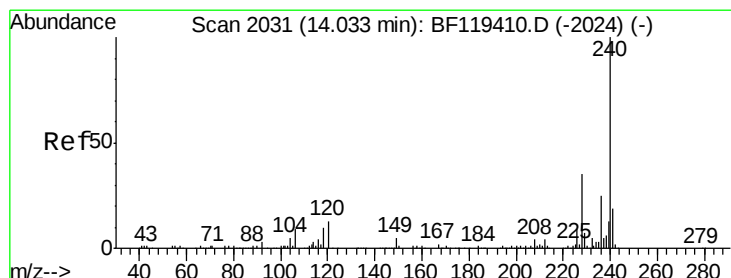
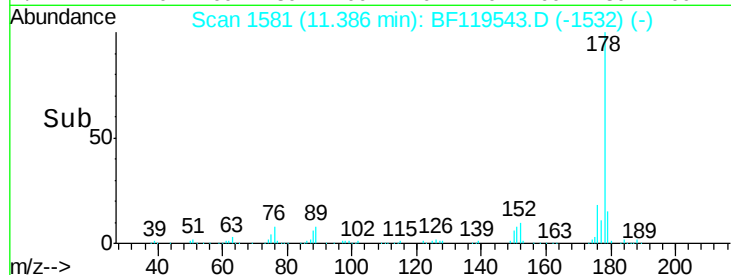
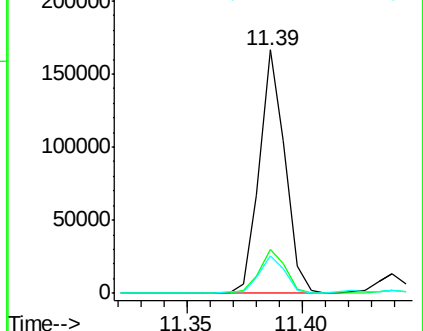
179 15.4 12.9 19.3



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



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

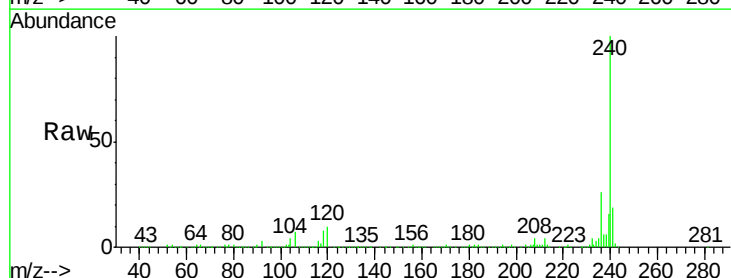
Tgt Ion:240 Resp: 747045

Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.4

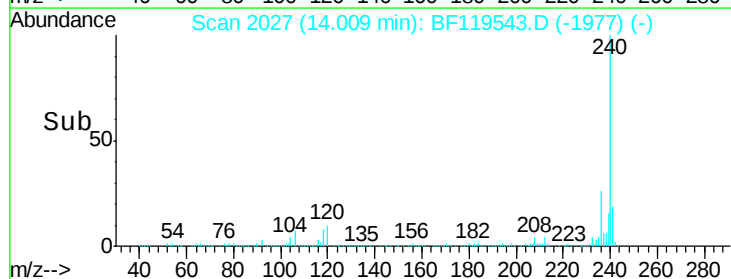
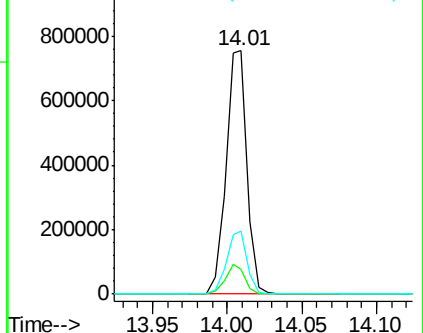
236 26.2 20.4 30.6

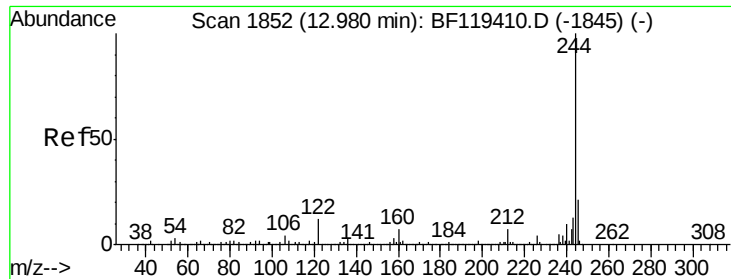


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.21 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

Instrument :

BNA_F

ClientSampleId :

RO-11986

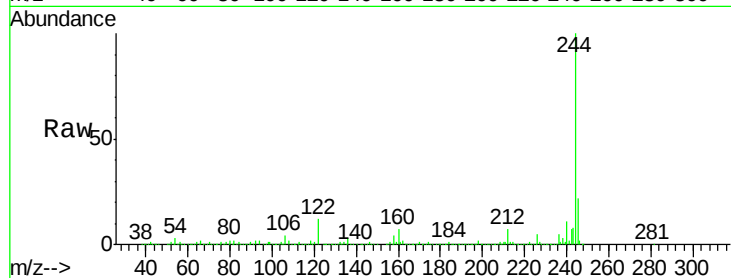
Tgt Ion:244 Resp: 3439681

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

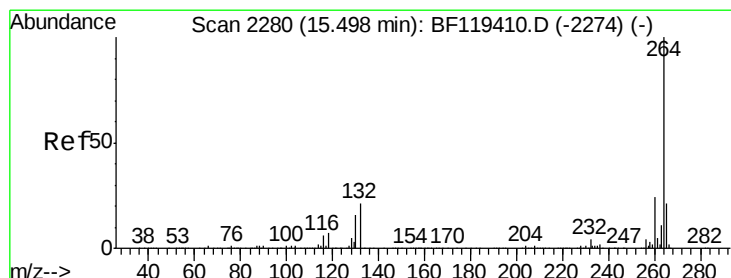
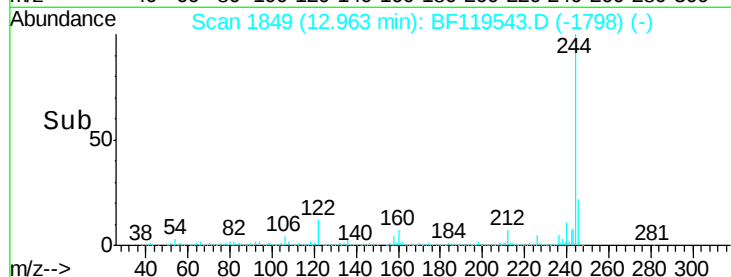
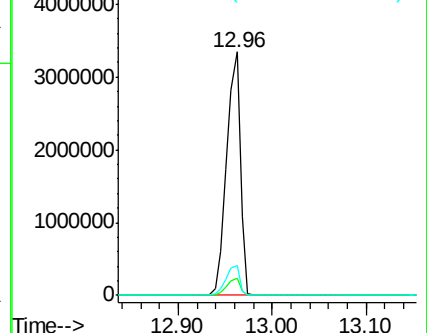
122 12.3 9.8 14.8



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



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF119543.D

Acq: 26 Mar 2020 21:32

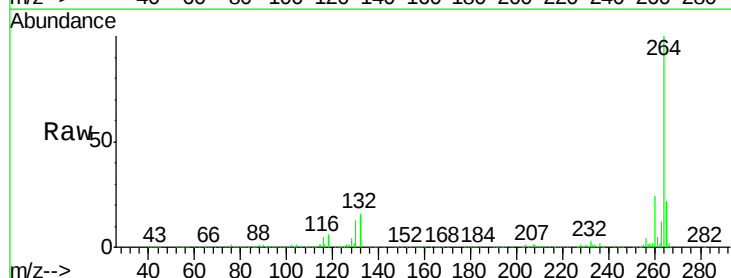
Tgt Ion:264 Resp: 654802

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.6 16.9 25.3



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

