

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119545.D
 Acq On : 26 Mar 2020 22:26
 Operator : CG/JU
 Sample : L2040-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-209

Quant Time: Mar 27 00:45:46 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

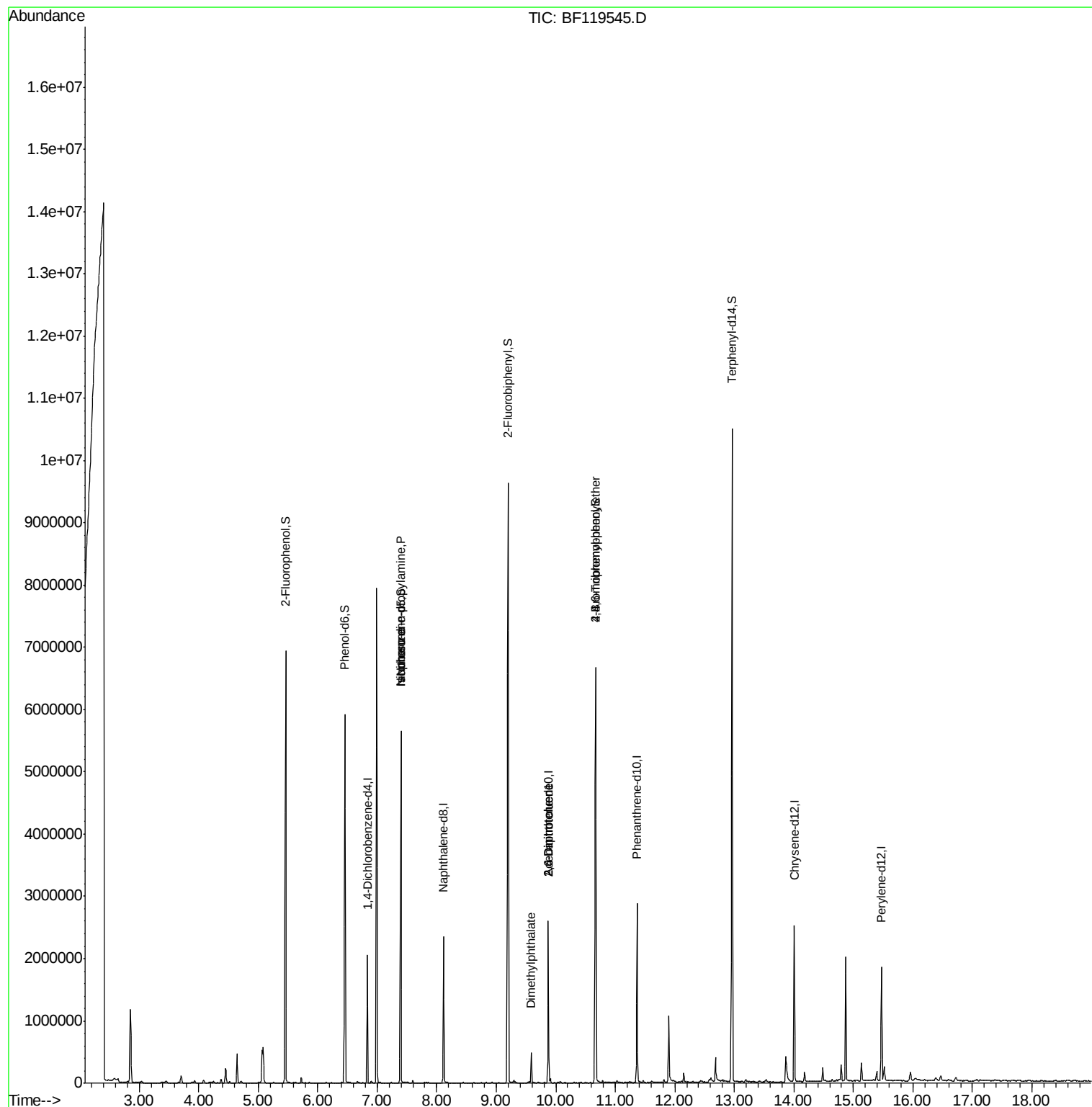
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	266087	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1019546	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	543092	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1101422	20.00	ng	0.00
76) Chrysene-d12	14.01	240	892749	20.00	ng	0.00
87) Perylene-d12	15.47	264	845871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2032169	121.58	ng	0.02
7) Phenol-d6	6.46	99	2241018	104.95	ng	0.00
23) Nitrobenzene-d5	7.40	82	1894879	101.01	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	927099	165.47	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3457610	94.32	ng	0.00
79) Terphenyl-d14	12.96	244	4121922	90.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	253297	19.68	ng	# 72
25) Isophorone	7.40	82	1884880	49.53	ng	# 66
50) Dimethylphthalate	9.59	163	206840	5.36	ng	99
51) 2,6-Dinitrotoluene	9.87	165	68632	8.30	ng	# 19
57) 2,4-Dinitrotoluene	9.87	165	68632	6.59	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	57061	4.55	ng	# 1

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

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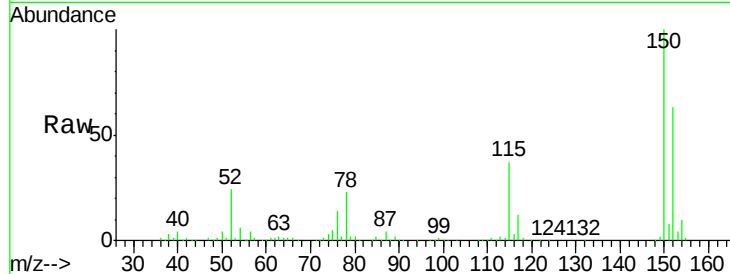


#1

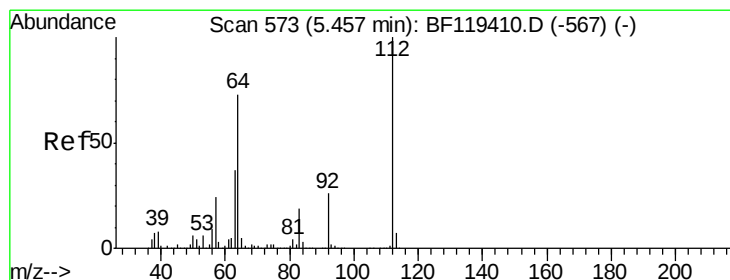
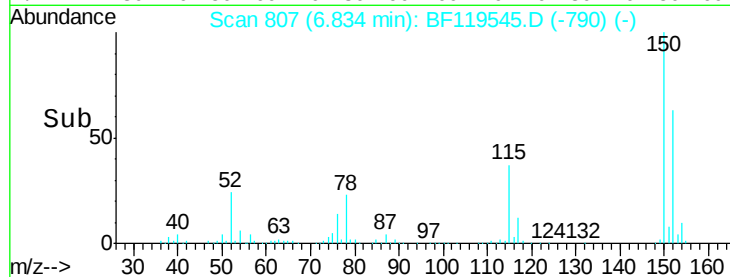
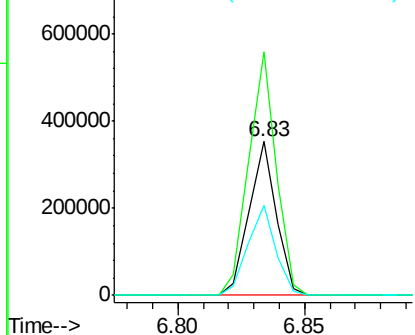
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119545.D
Acq: 26 Mar 2020 22:26

Instrument :
BNA_F
ClientSampleId :
RO-209

Tgt Ion:152 Resp: 266087
Ion Ratio Lower Upper
152 100
150 158.1 123.9 185.9
115 58.1 47.8 71.6



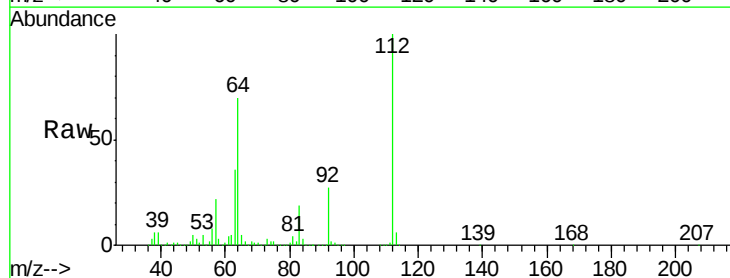
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



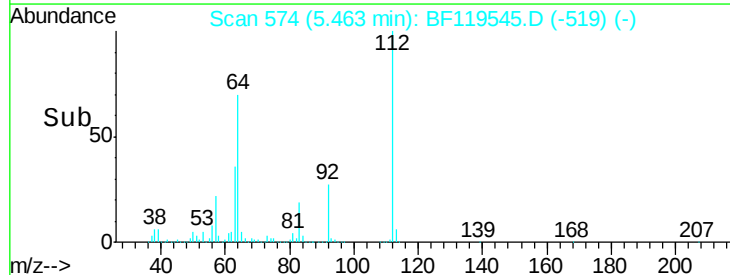
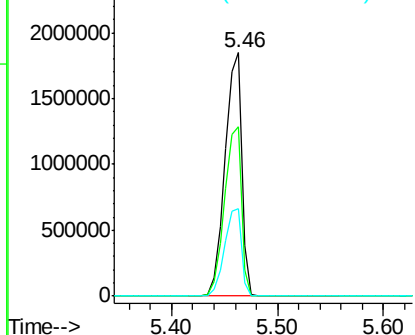
#5

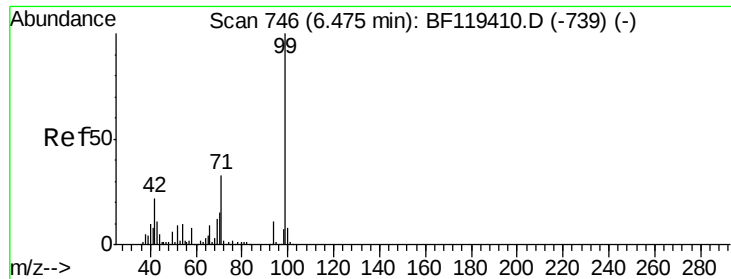
2-Fluorophenol
Concen: 121.58 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119545.D
Acq: 26 Mar 2020 22:26

Tgt Ion:112 Resp: 2032169
Ion Ratio Lower Upper
112 100
64 69.8 58.1 87.1
63 35.7 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: 104.95 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

Instrument :

BNA_F

ClientSampled :

RO-209

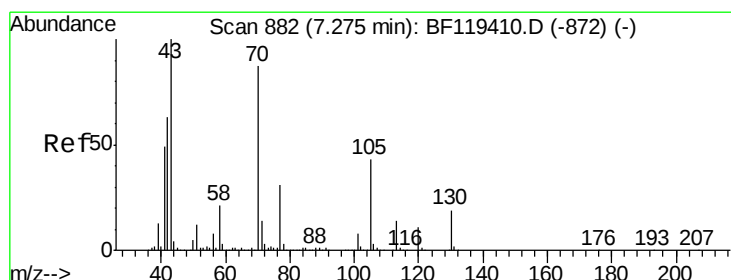
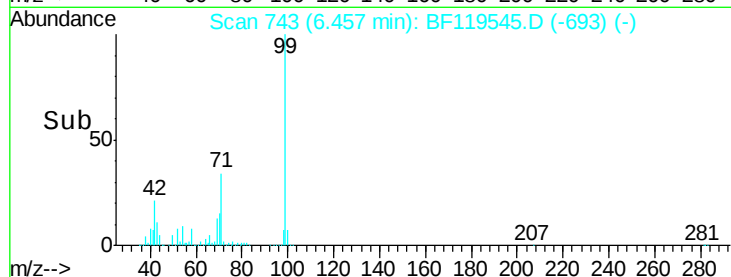
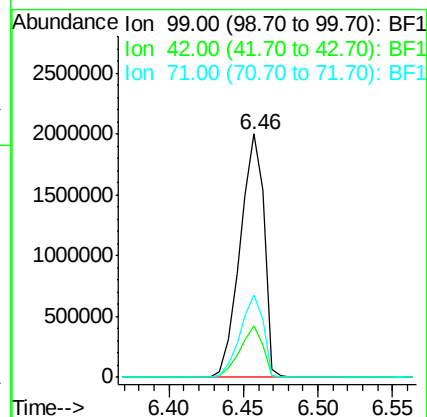
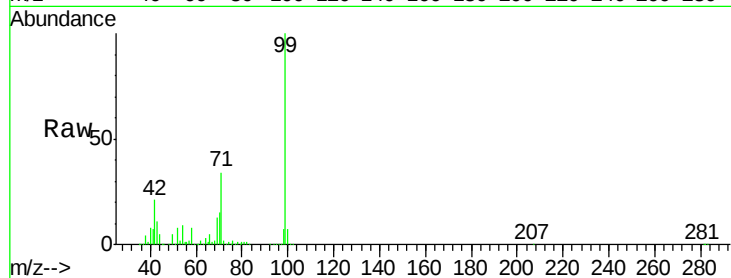
Tgt Ion: 99 Resp: 2241018

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 33.9 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.68 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

Tgt Ion: 70 Resp: 253297

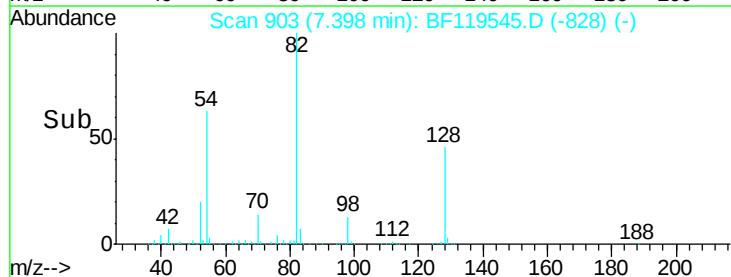
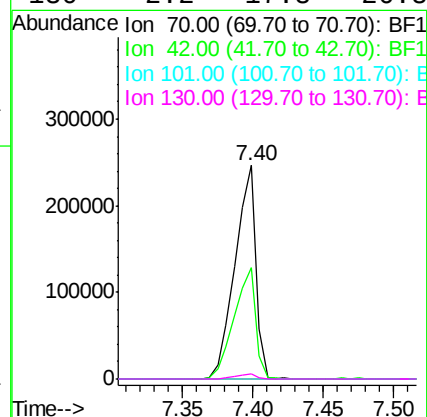
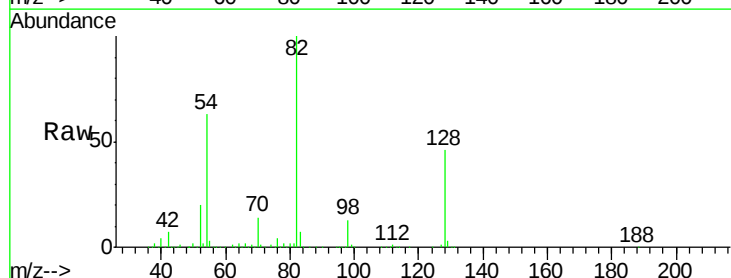
Ion Ratio Lower Upper

70 100

42 52.2 58.2 87.4#

101 0.0 7.4 11.2#

130 2.2 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: BF119545.D

Acq: 26 Mar 2020 22:26

Instrument :

BNA_F

ClientSampleId :

RO-209

Tgt Ion:136 Resp: 1019546

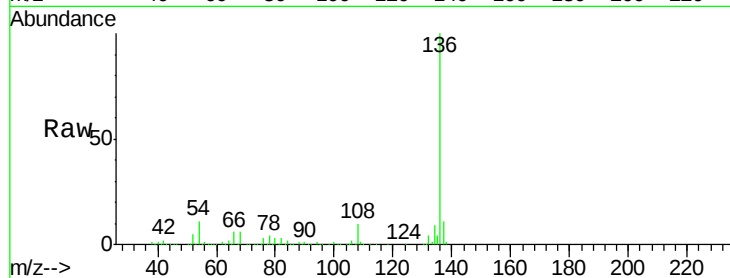
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.9 8.3 12.5

68 5.8 4.9 7.3

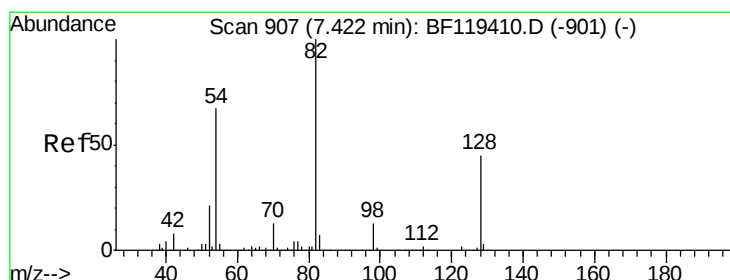
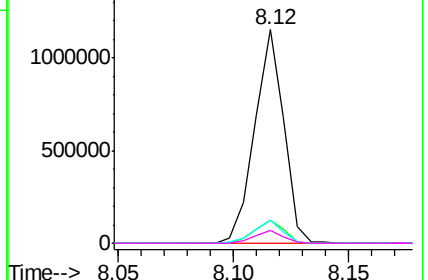
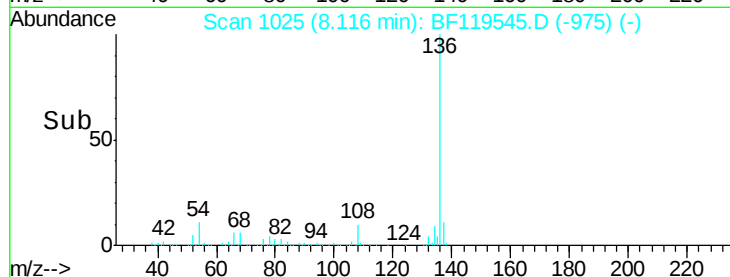


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.01 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

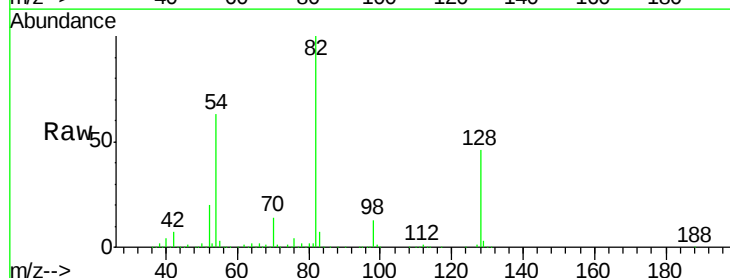
Tgt Ion: 82 Resp: 1894879

Ion Ratio Lower Upper

82 100

128 46.4 35.8 53.8

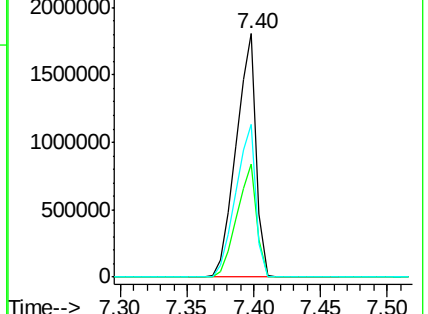
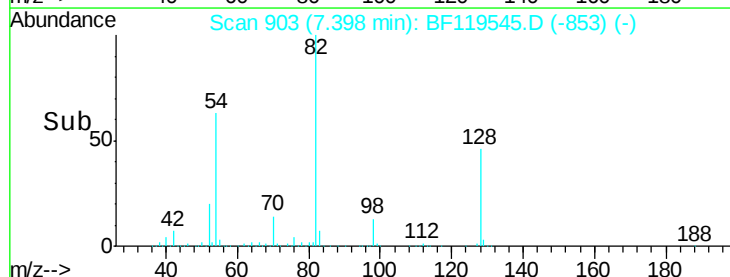
54 62.6 53.4 80.0

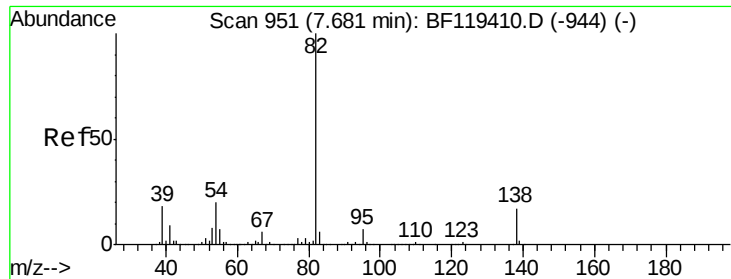


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.53 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

Instrument :

BNA_F

ClientSampleId :

RO-209

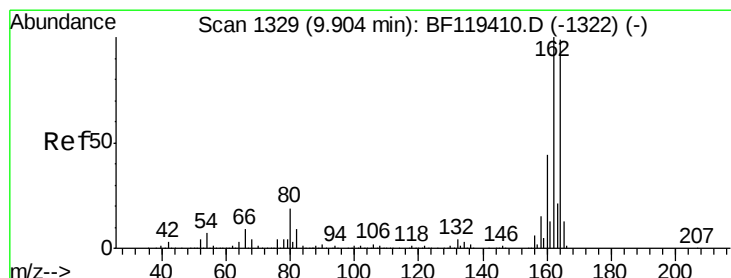
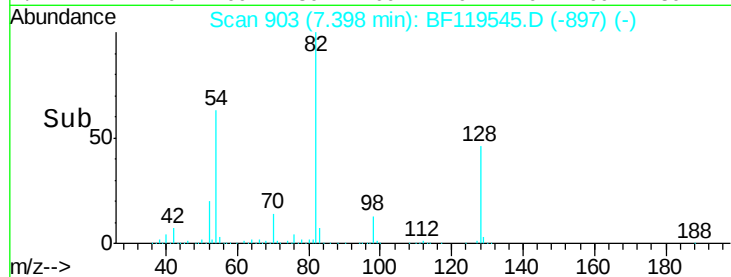
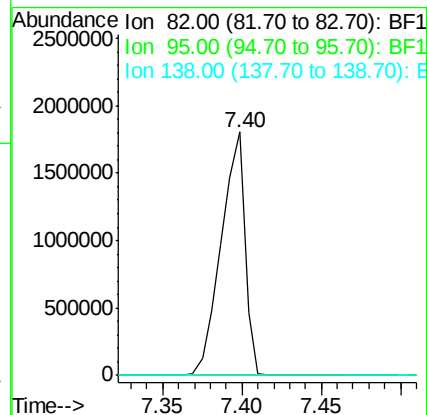
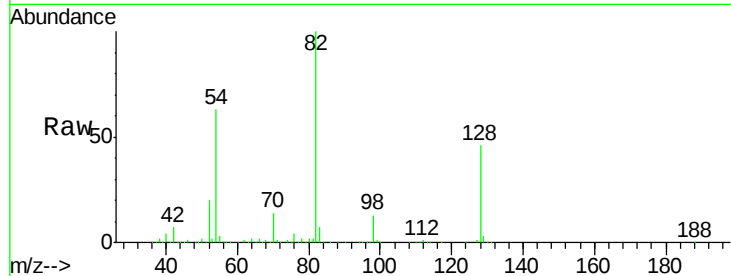
Tgt Ion: 82 Resp: 1884880

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: BF119545.D

Acq: 26 Mar 2020 22:26

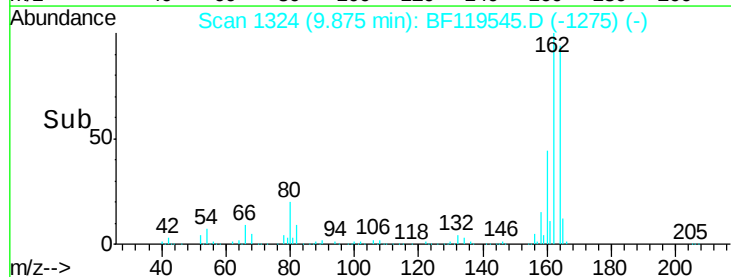
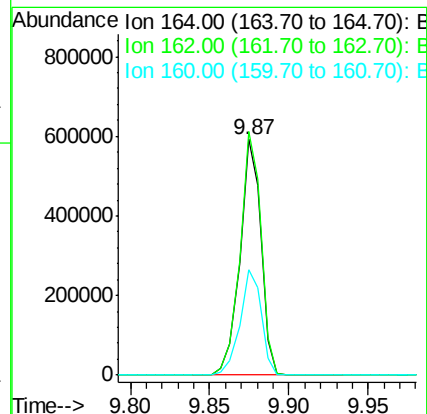
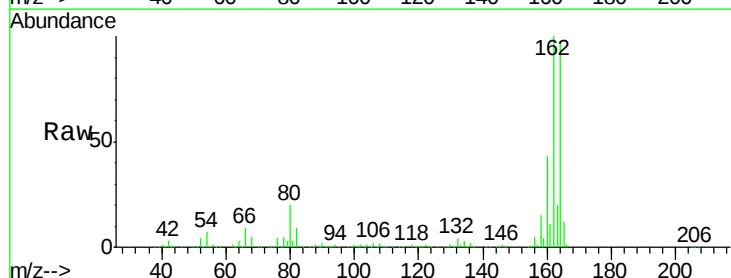
Tgt Ion: 164 Resp: 543092

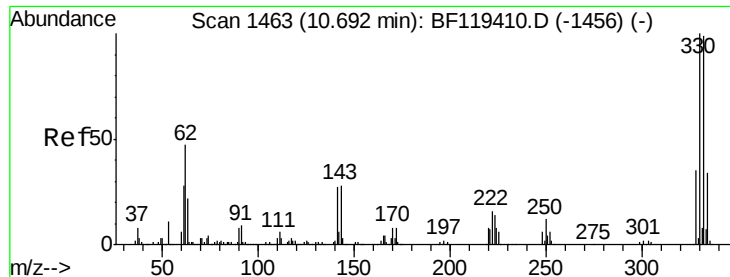
Ion Ratio Lower Upper

164 100

162 103.4 80.7 121.1

160 44.9 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 165.47 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

Instrument :

BNA_F

ClientSampleId :

RO-209

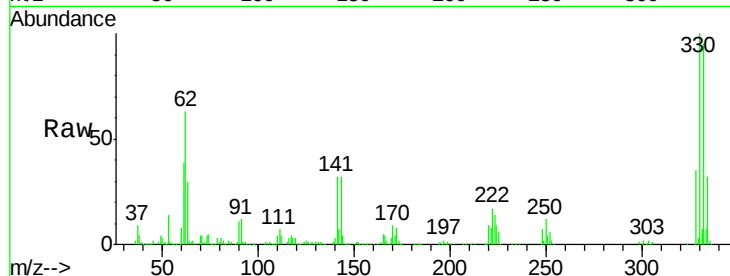
Tgt Ion:330 Resp: 927099

Ion Ratio Lower Upper

330 100

332 95.4 77.6 116.4

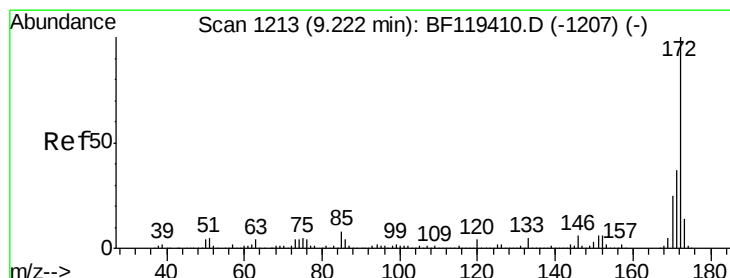
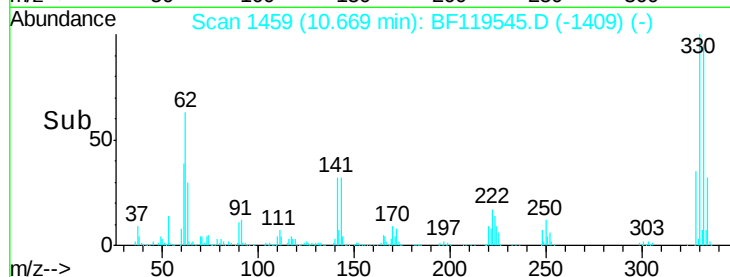
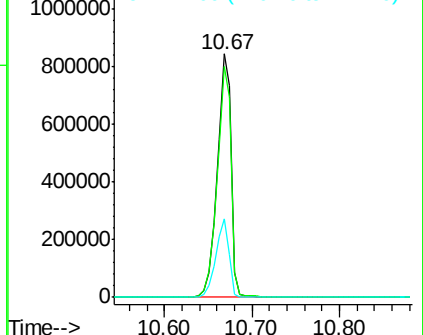
141 31.0 26.6 40.0



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: 94.32 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

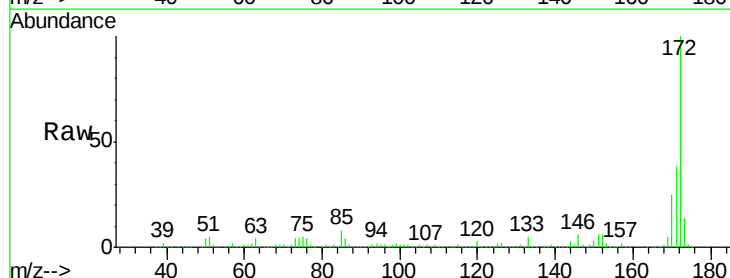
Tgt Ion:172 Resp: 3457610

Ion Ratio Lower Upper

172 100

171 37.6 29.9 44.9

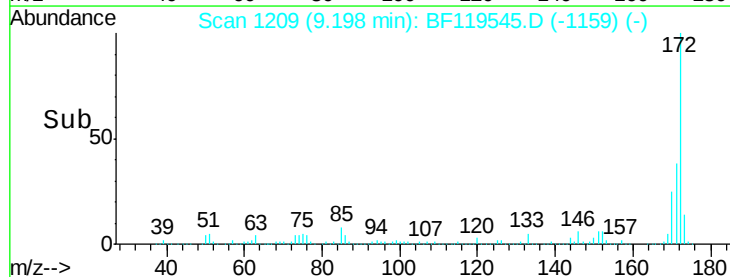
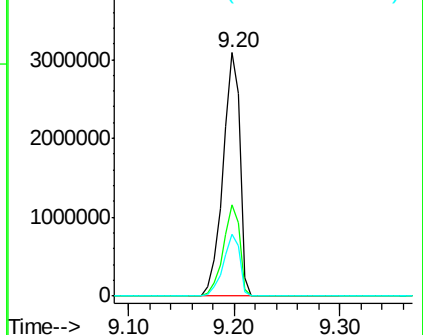
170 25.4 20.1 30.1

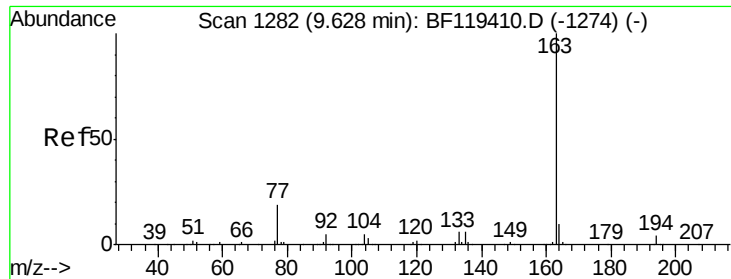


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

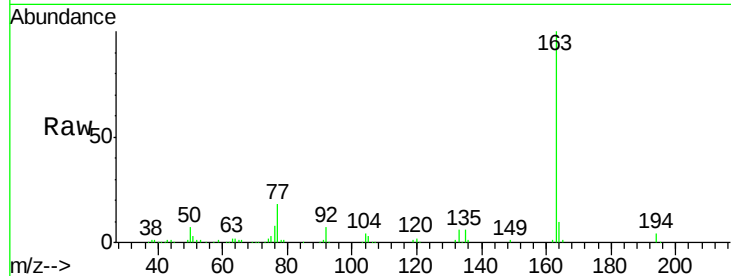




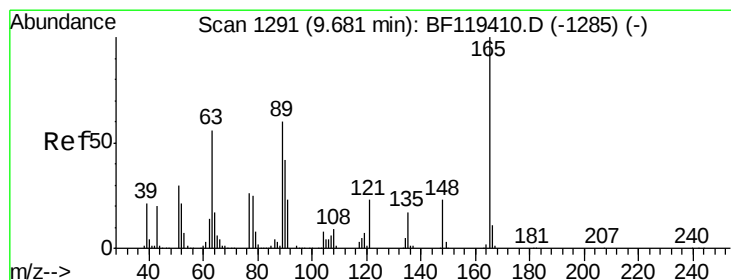
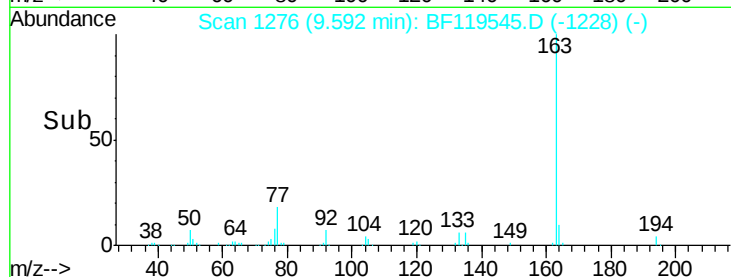
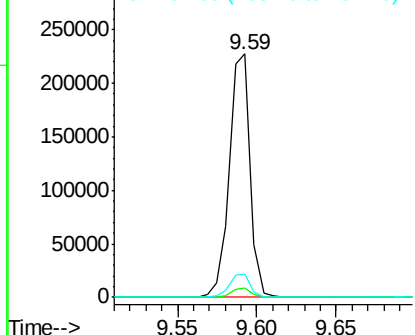
#50
Dimethylphthalate
Concen: 5.36 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119545.D
Acq: 26 Mar 2020 22:26

Instrument :
BNA_F
ClientSampleId :
RO-209

Tgt Ion:163 Resp: 206840
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.8 8.1 12.1

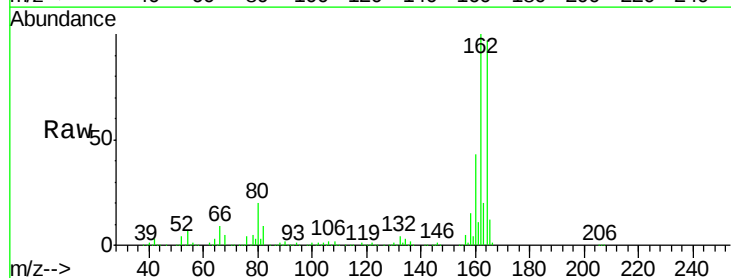


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

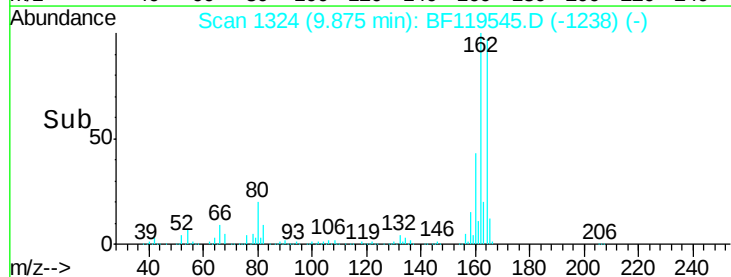
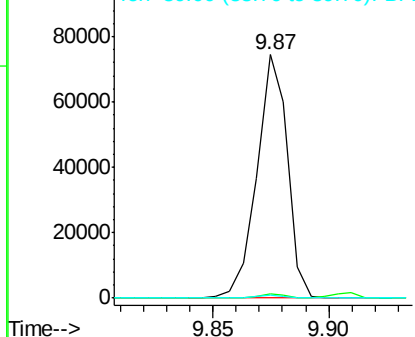


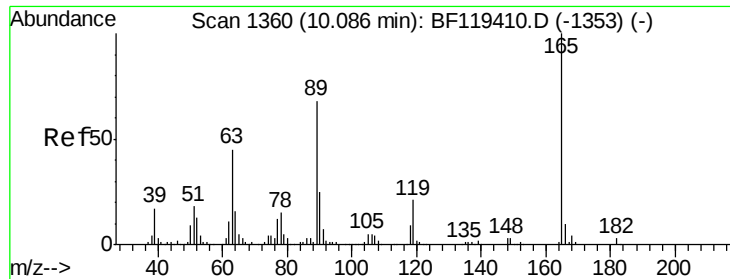
#51
2,6-Dinitrotoluene
Concen: 8.30 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF119545.D
Acq: 26 Mar 2020 22:26

Tgt Ion:165 Resp: 68632
Ion Ratio Lower Upper
165 100
63 1.5 57.3 85.9#
89 1.4 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

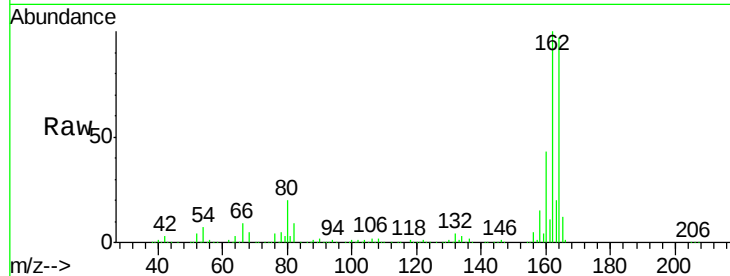




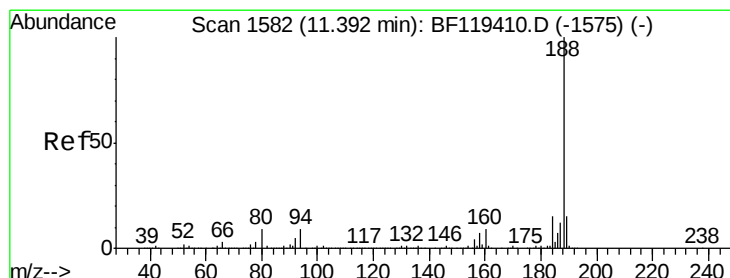
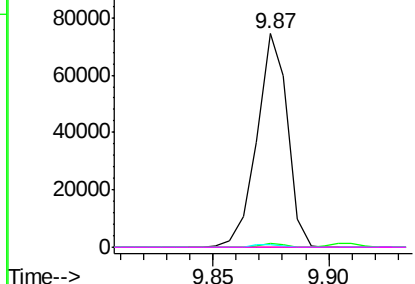
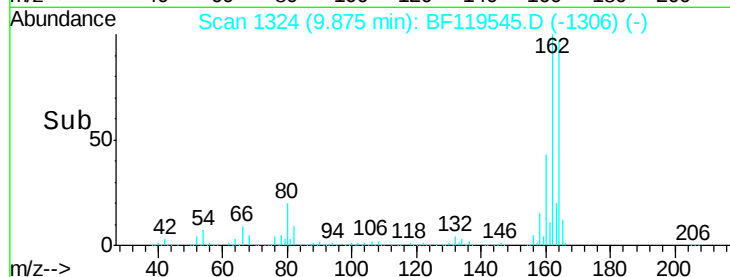
#57
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119545.D
 Acq: 26 Mar 2020 22:26

Instrument :
 BNA_F
 ClientSampled :
 RO-209

Tgt Ion:165 Resp: 68632
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.4 54.3 81.5#
 182 0.0 2.0 3.0#

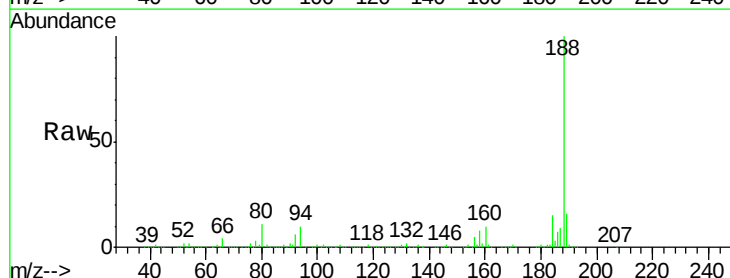


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

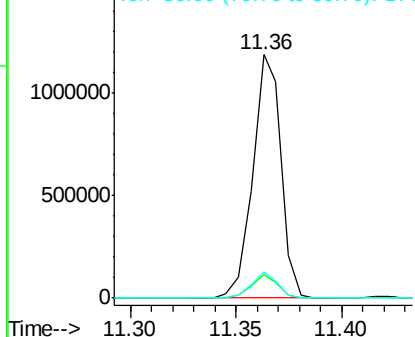
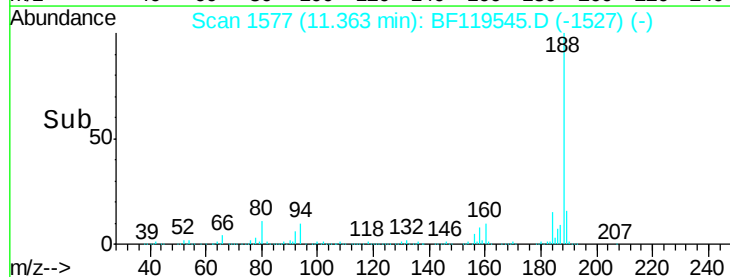


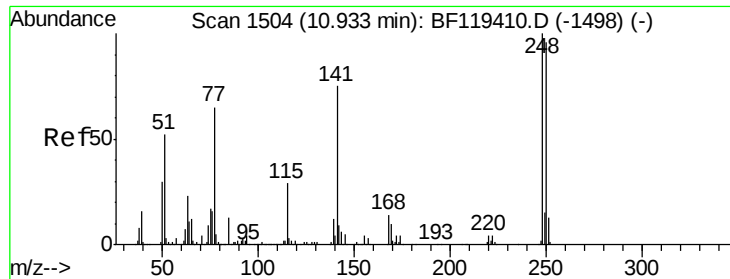
#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF119545.D
 Acq: 26 Mar 2020 22:26

Tgt Ion:188 Resp: 1101422
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.1 10.7
 80 10.5 7.5 11.3



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

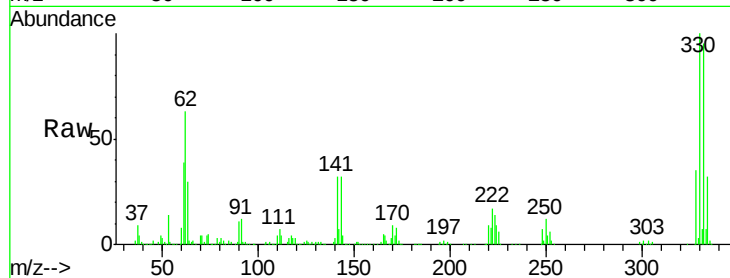




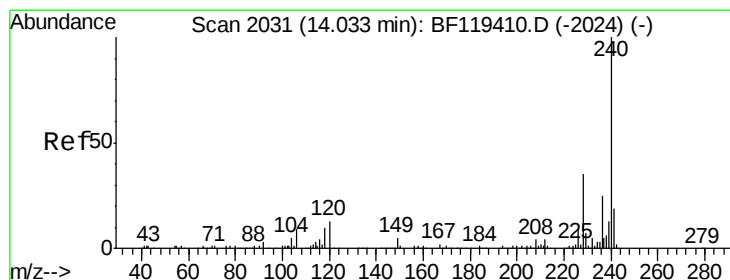
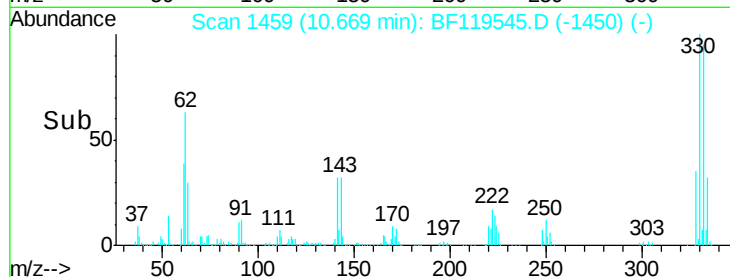
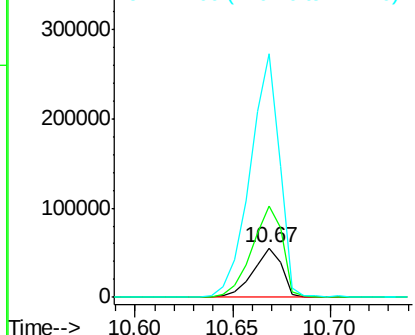
#67
 4-Bromophenyl-phenylether
 Concen: 4.55 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF119545.D
 Acq: 26 Mar 2020 22:26

Instrument :
 BNA_F
 ClientSampleId :
 RO-209

Tgt Ion:248 Resp: 57061
 Ion Ratio Lower Upper
 248 100
 250 183.0 77.0 115.6#
 141 490.2 59.7 89.5#

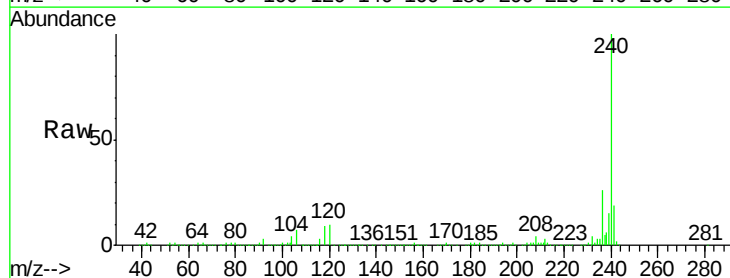


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

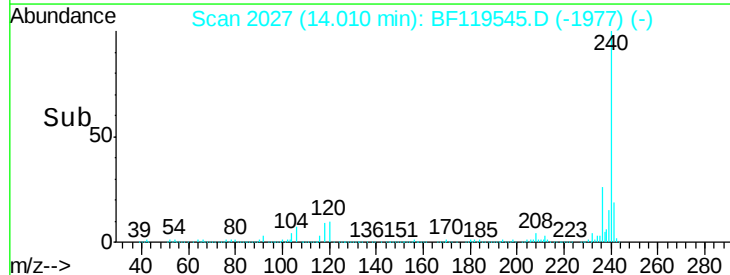
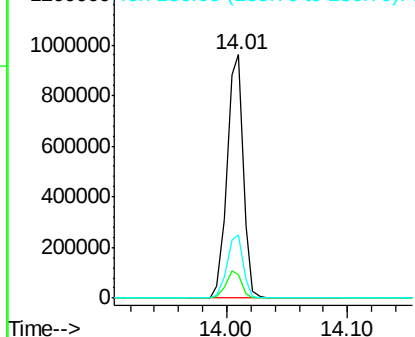


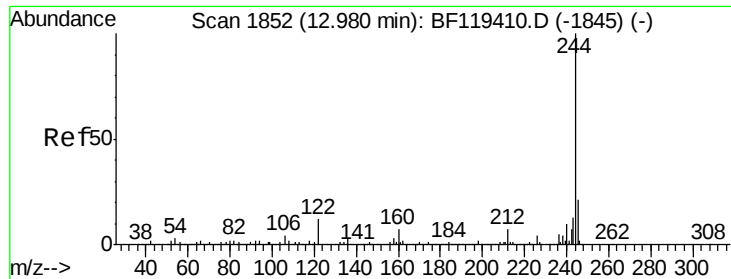
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119545.D
 Acq: 26 Mar 2020 22:26

Tgt Ion:240 Resp: 892749
 Ion Ratio Lower Upper
 240 100
 120 9.8 10.2 15.4#
 236 25.9 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: 90.46 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

Instrument :

BNA_F

ClientSampleId :

RO-209

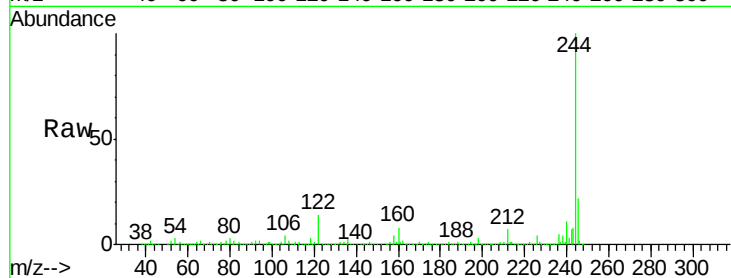
Tgt Ion:244 Resp: 4121922

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

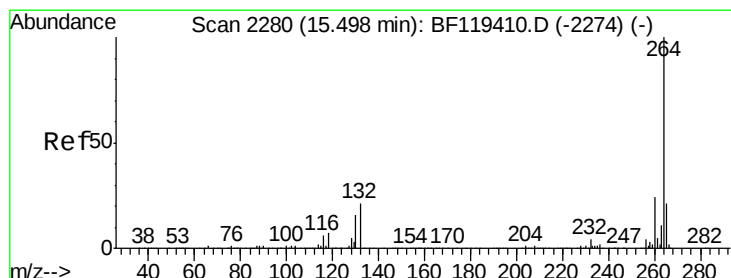
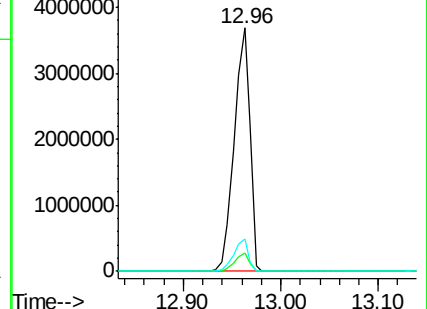
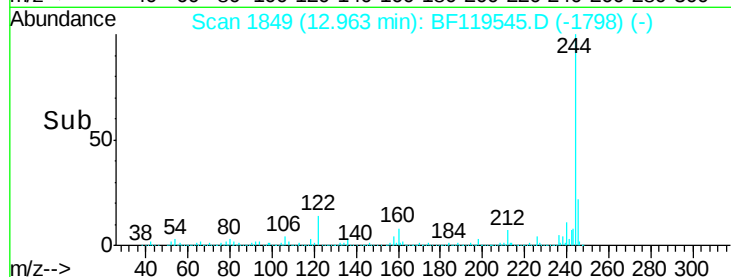
122 13.5 9.8 14.8



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: BF119545.D

Acq: 26 Mar 2020 22:26

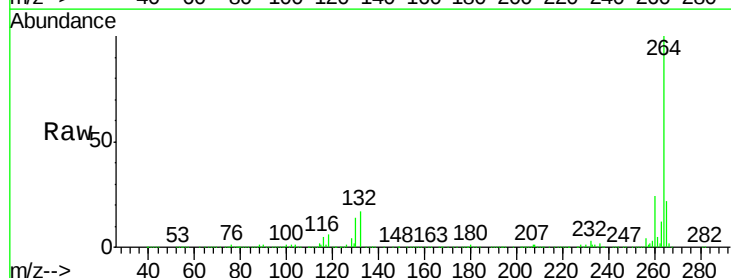
Tgt Ion:264 Resp: 845871

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.4 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

