

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119544.D
 Acq On : 26 Mar 2020 21:59
 Operator : CG/JU
 Sample : L2040-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-346

Quant Time: Mar 27 00:45:40 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

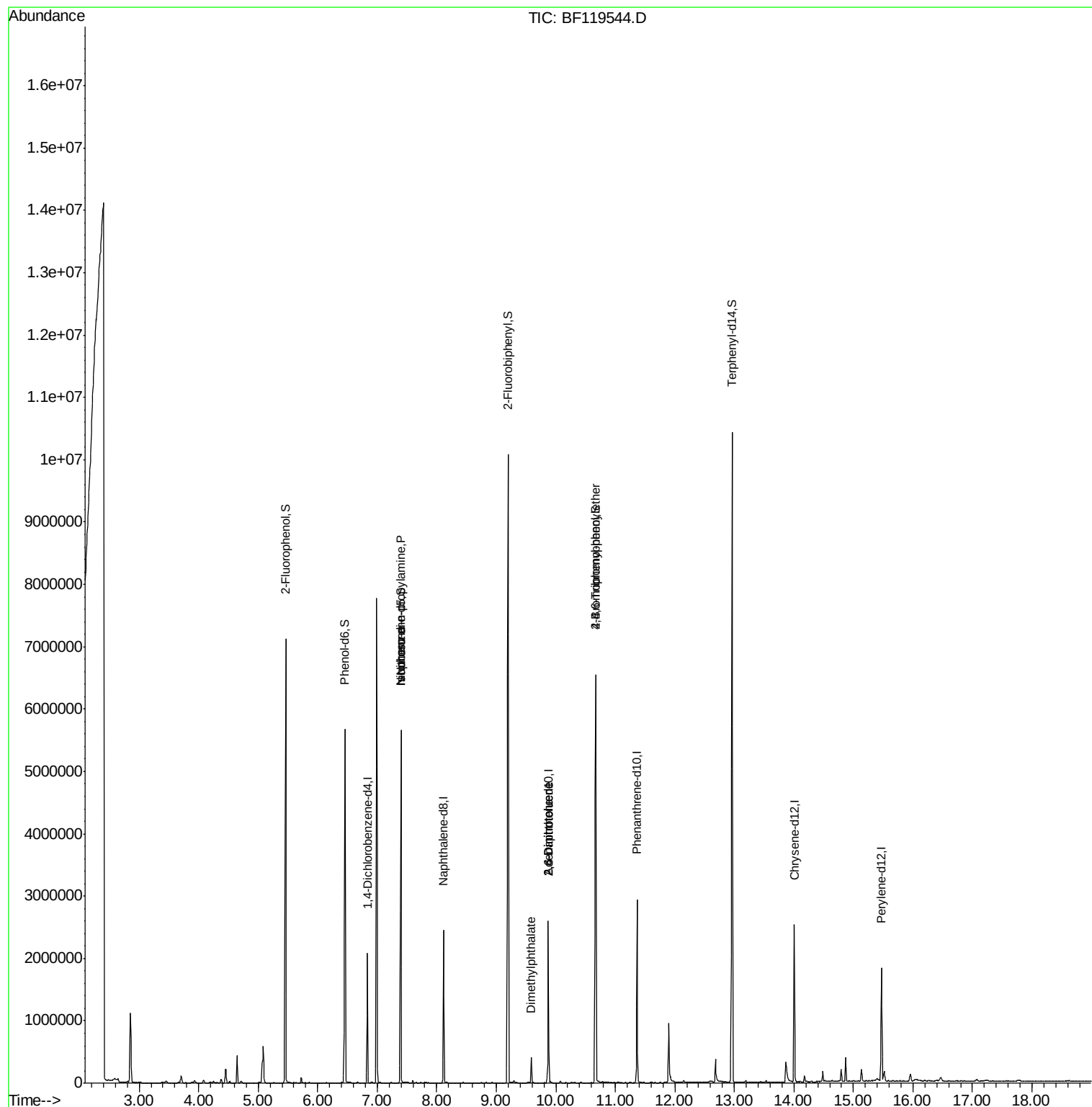
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	269870	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1014564	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	548755	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1104143	20.00	ng	0.00
76) Chrysene-d12	14.01	240	880148	20.00	ng	0.00
87) Perylene-d12	15.47	264	831762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2010057	118.57	ng	0.02
7) Phenol-d6	6.46	99	2233846	103.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	1847240	98.95	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	939555	165.96	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3429991	92.60	ng	0.00
79) Terphenyl-d14	12.96	244	4228701	94.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	248859	19.07	ng	# 73
25) Isophorone	7.40	82	1839439	48.57	ng	# 66
50) Dimethylphthalate	9.59	163	169688	4.35	ng	99
51) 2,6-Dinitrotoluene	9.87	165	71365	8.54	ng	# 19
57) 2,4-Dinitrotoluene	9.87	165	71365	6.78	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	57885	4.60	ng	# 1

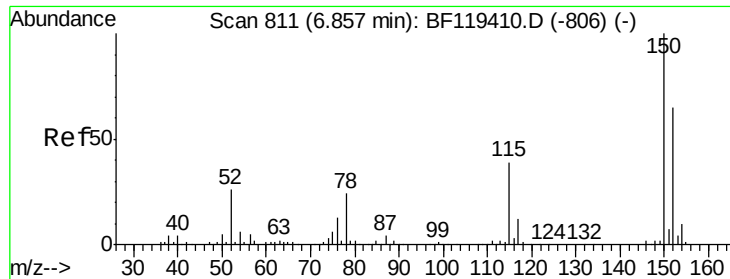
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF119544.D

Acq: 26 Mar 2020 21:59

Instrument :

BNA_F

ClientSampleId :

RO-346

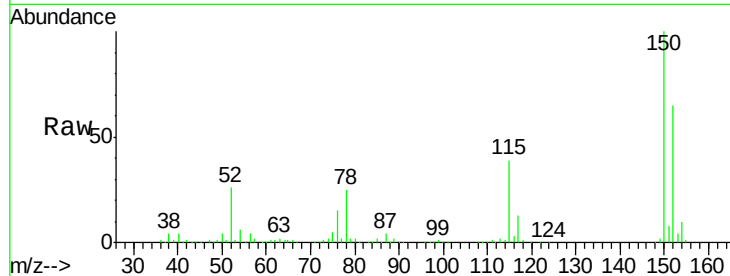
Tgt Ion:152 Resp: 269870

Ion Ratio Lower Upper

152 100

150 154.9 123.9 185.9

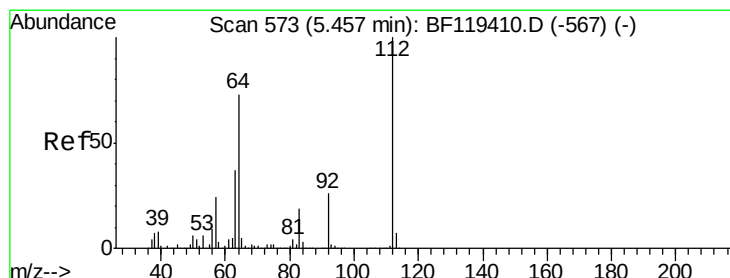
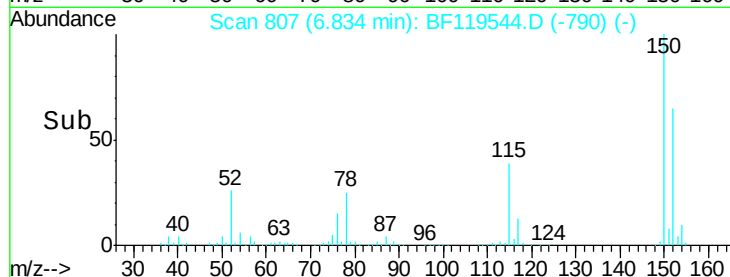
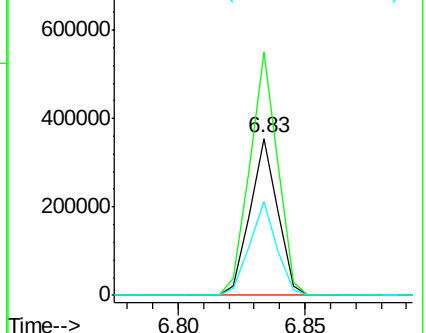
115 59.8 47.8 71.6



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: 118.57 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF119544.D

Acq: 26 Mar 2020 21:59

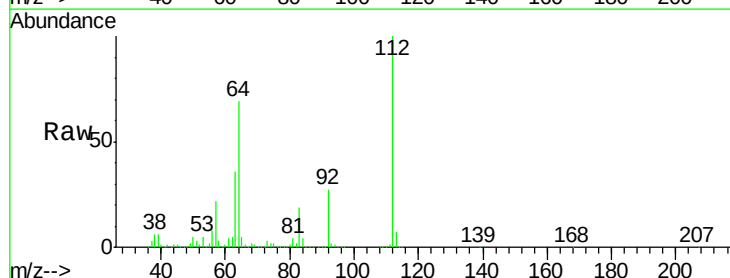
Tgt Ion:112 Resp: 2010057

Ion Ratio Lower Upper

112 100

64 69.1 58.1 87.1

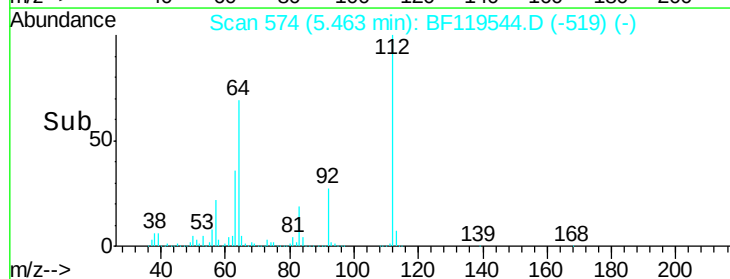
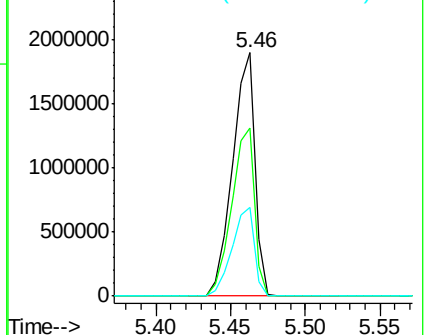
63 36.3 29.7 44.5

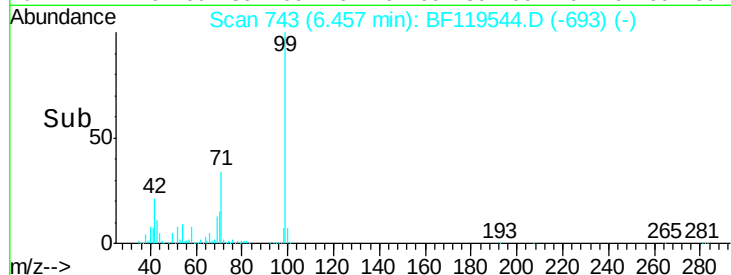
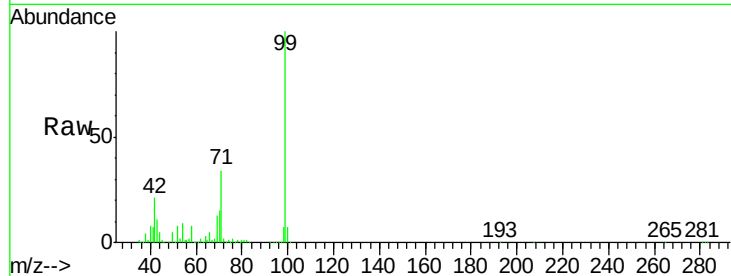
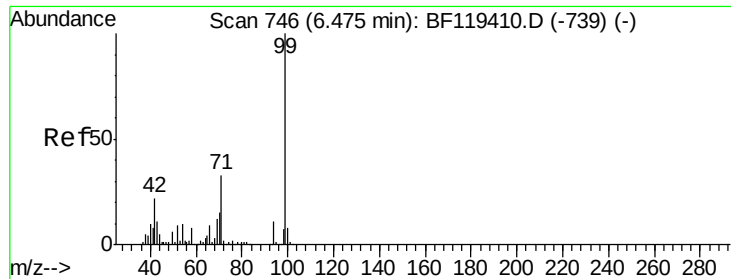


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.15 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119544.D

Acq: 26 Mar 2020 21:59

Instrument :

BNA_F

ClientSampleId :

RO-346

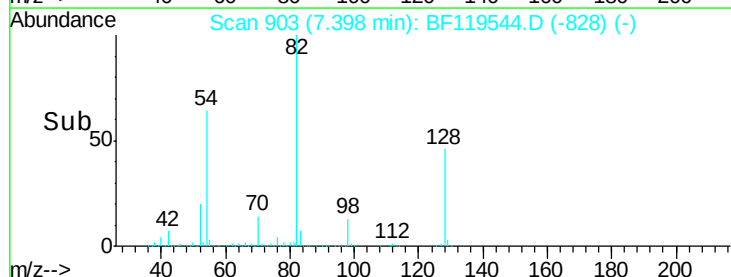
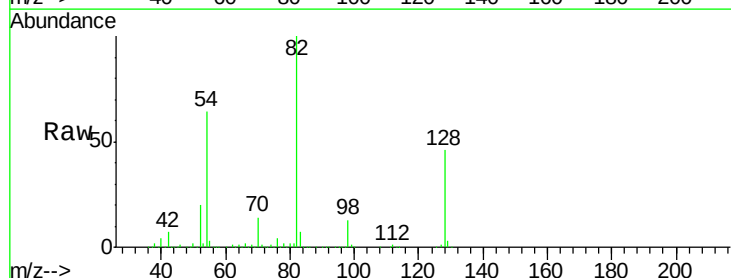
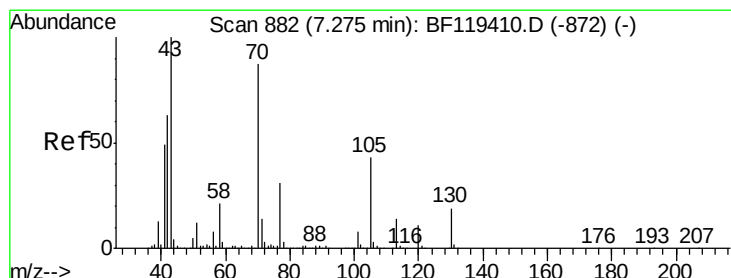
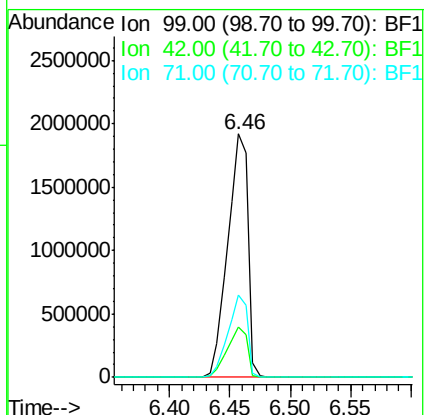
Tgt Ion: 99 Resp: 2233846

Ion Ratio Lower Upper

99 100

42 20.8 17.8 26.6

71 33.8 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.07 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119544.D

Acq: 26 Mar 2020 21:59

Tgt Ion: 70 Resp: 248859

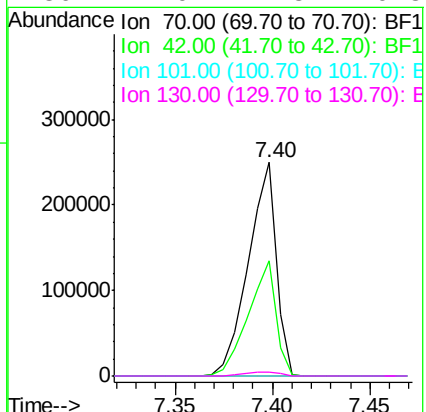
Ion Ratio Lower Upper

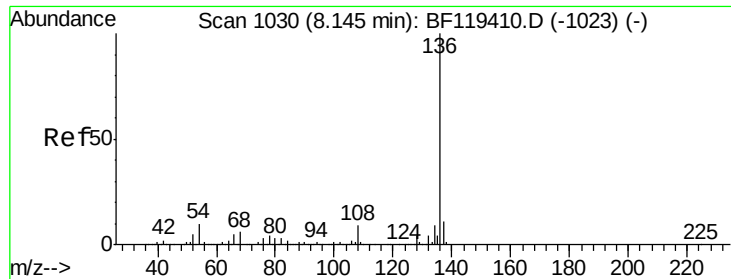
70 100

42 54.1 58.2 87.4#

101 0.0 7.4 11.2#

130 2.0 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: BF119544.D

Acq: 26 Mar 2020 21:59

Instrument :

BNA_F

ClientSampleId :

RO-346

Tgt Ion:136 Resp: 1014564

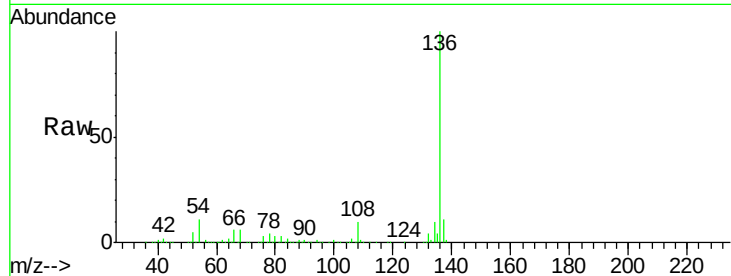
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.8 8.3 12.5

68 5.9 4.9 7.3

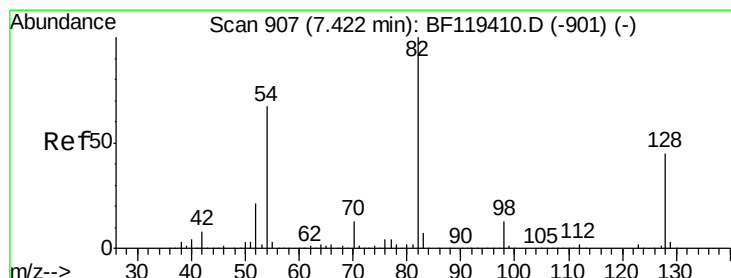
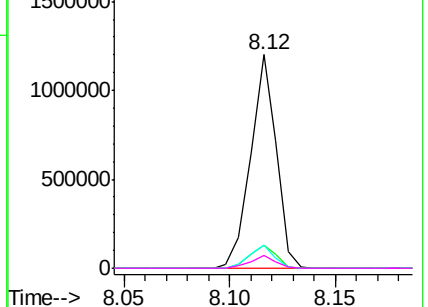
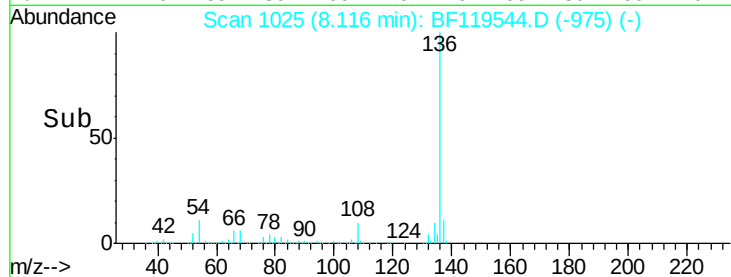


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.95 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119544.D

Acq: 26 Mar 2020 21:59

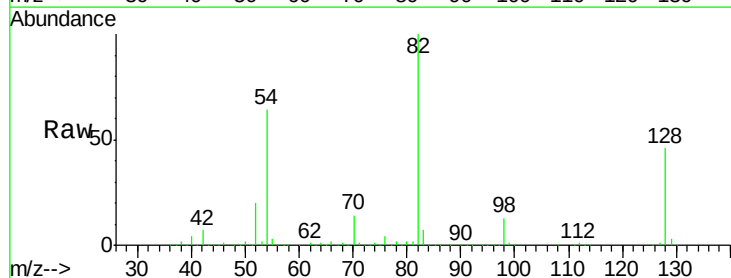
Tgt Ion: 82 Resp: 1847240

Ion Ratio Lower Upper

82 100

128 45.7 35.8 53.8

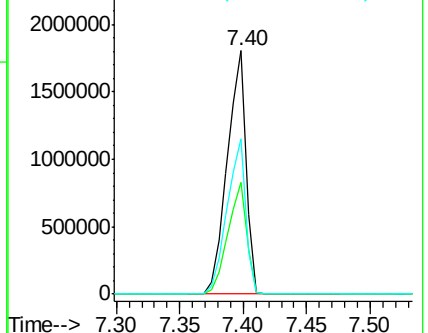
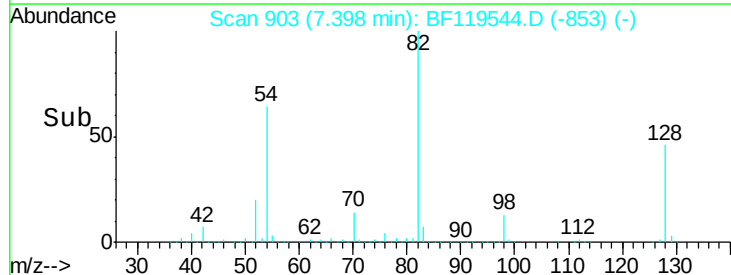
54 63.7 53.4 80.0

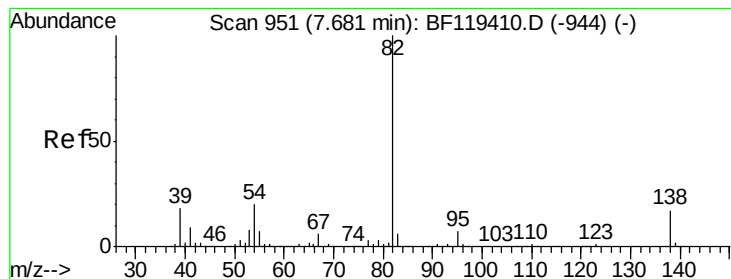


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.57 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119544.D

Acq: 26 Mar 2020 21:59

Instrument :

BNA_F

ClientSampled :

RO-346

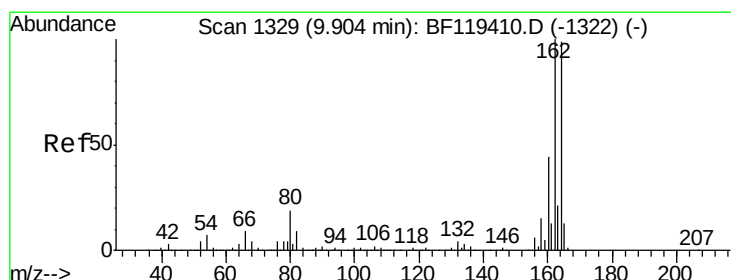
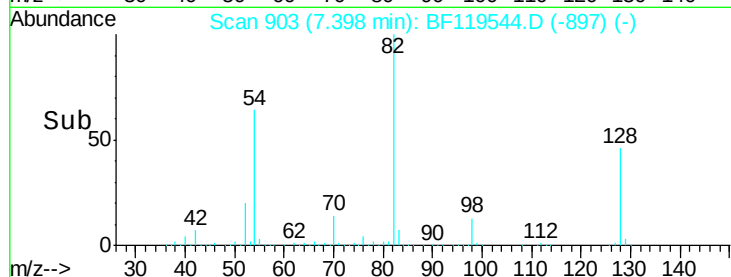
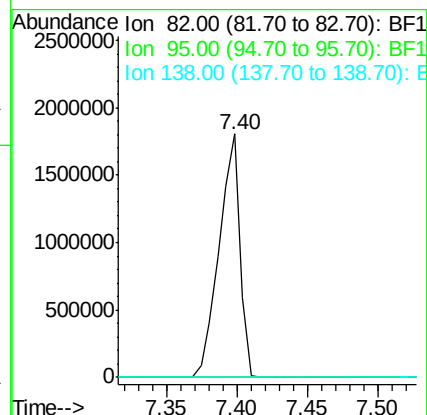
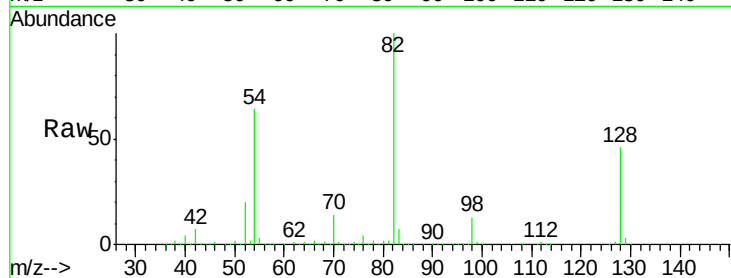
Tgt Ion: 82 Resp: 1839439

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: BF119544.D

Acq: 26 Mar 2020 21:59

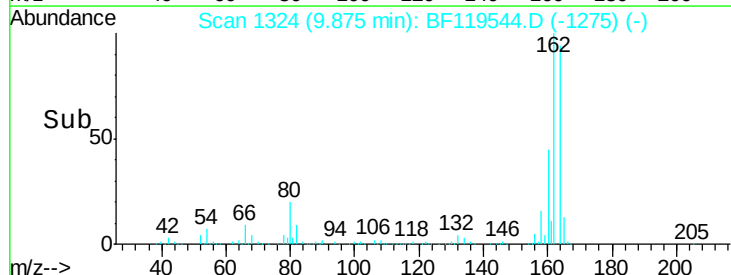
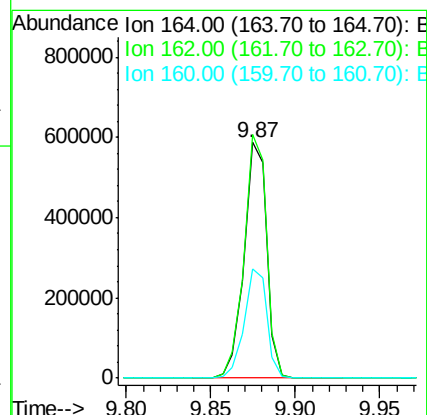
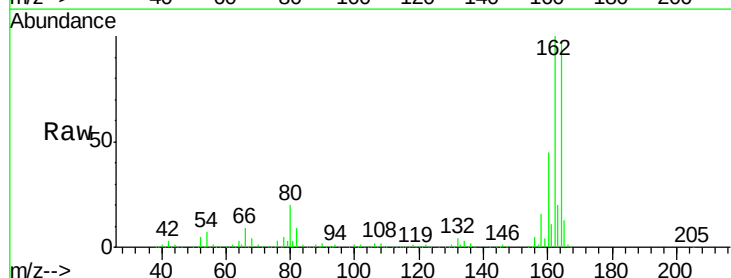
Tgt Ion: 164 Resp: 548755

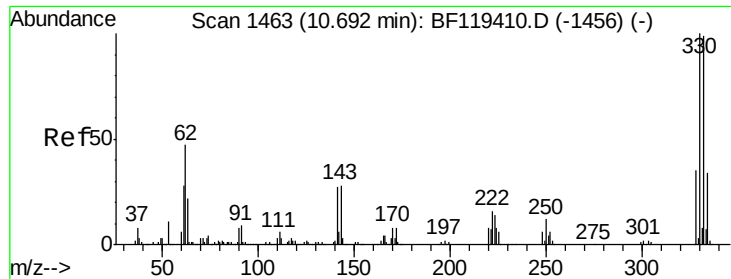
Ion Ratio Lower Upper

164 100

162 103.3 80.7 121.1

160 46.3 35.5 53.3

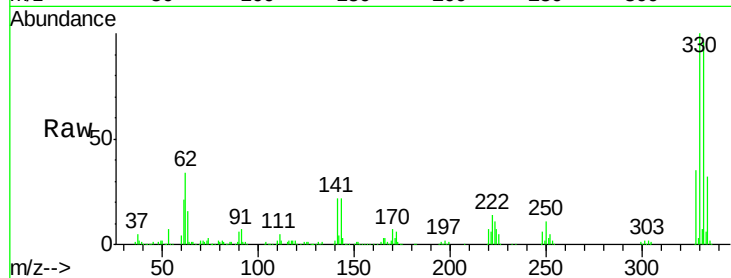




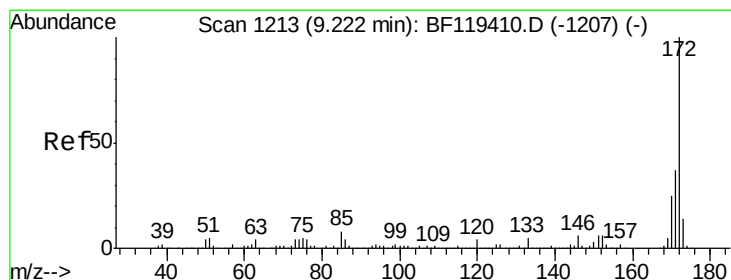
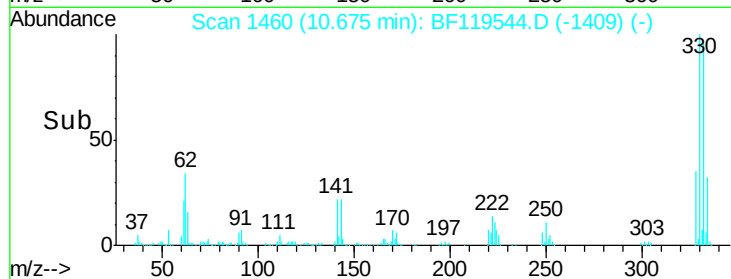
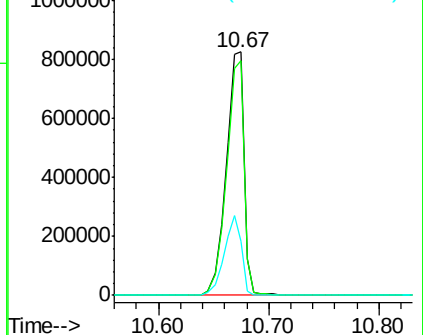
#42
 2,4,6-Tribromophenol
 Concen: 165.96 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF119544.D
 Acq: 26 Mar 2020 21:59

Instrument :
 BNA_F
 ClientSampleId :
 RO-346

Tgt Ion:330 Resp: 939555
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.6 116.4
 141 31.2 26.6 40.0

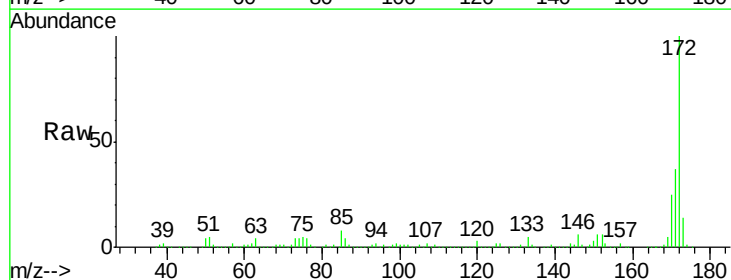


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

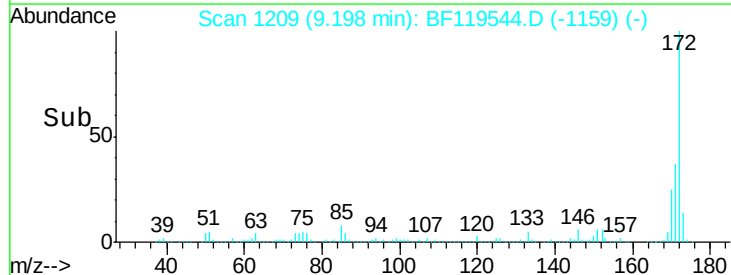
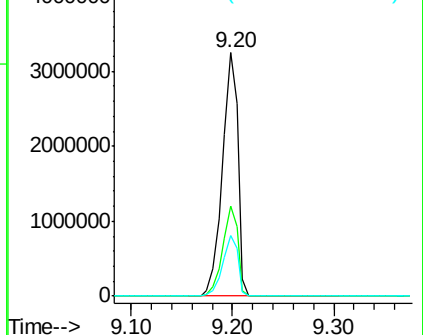


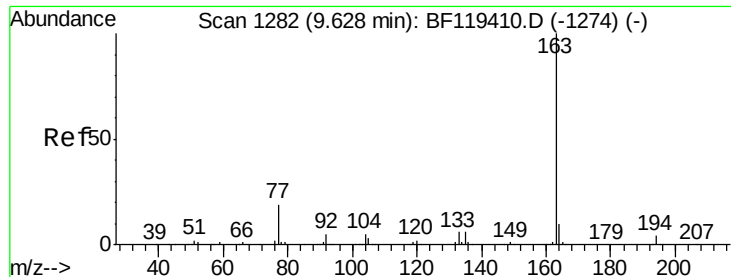
#45
 2-Fluorobiphenyl
 Concen: 92.60 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119544.D
 Acq: 26 Mar 2020 21:59

Tgt Ion:172 Resp: 3429991
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.9 44.9
 170 25.1 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: 4.35 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF119544.D

Acq: 26 Mar 2020 21:59

Instrument :

BNA_F

ClientSampleId :

RO-346

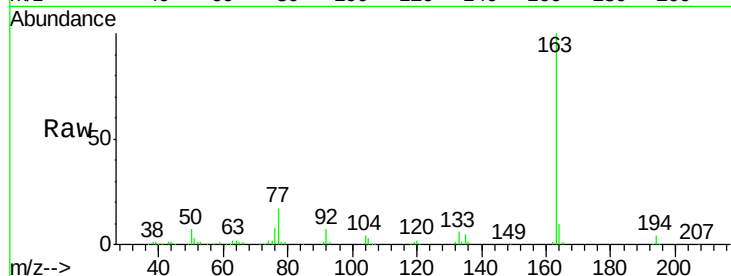
Tgt Ion:163 Resp: 169688

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

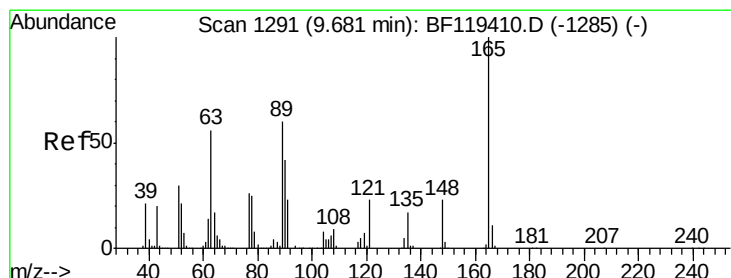
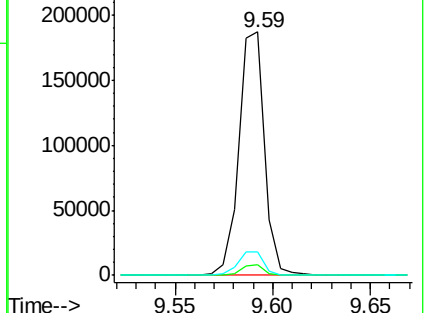
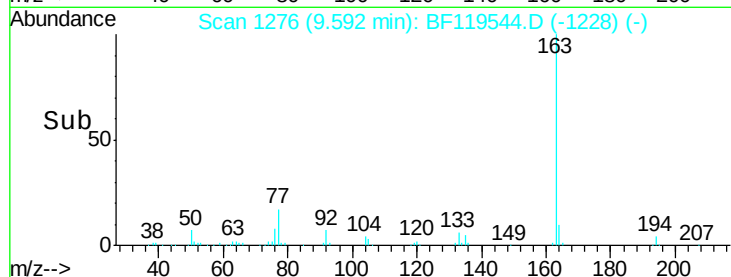
164 9.6 8.1 12.1



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: 8.54 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF119544.D

Acq: 26 Mar 2020 21:59

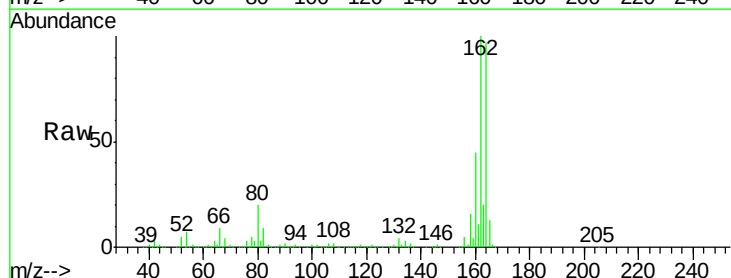
Tgt Ion:165 Resp: 71365

Ion Ratio Lower Upper

165 100

63 1.2 57.3 85.9#

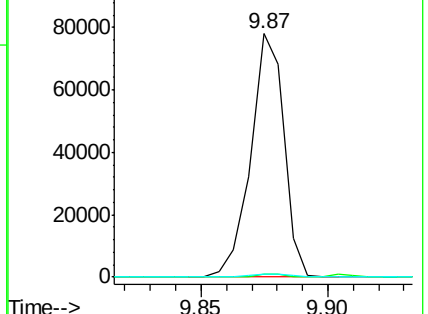
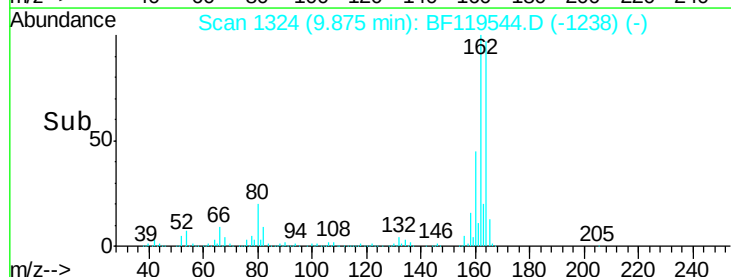
89 1.2 47.8 71.8#

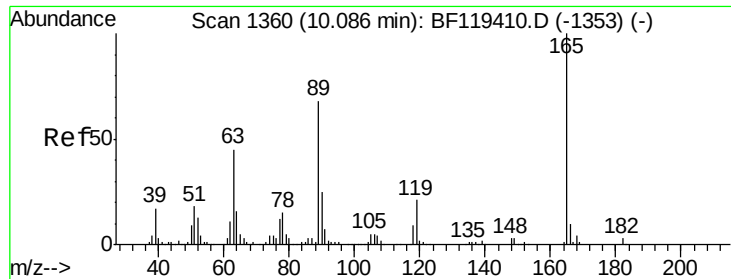


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

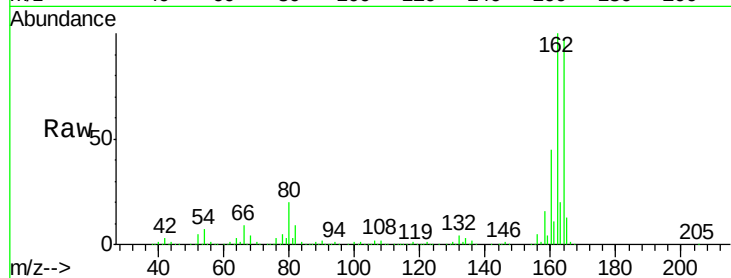




#57
 2,4-Dinitrotoluene
 Concen: 6.78 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119544.D
 Acq: 26 Mar 2020 21:59

Instrument :
 BNA_F
 ClientSampleId :
 RO-346

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

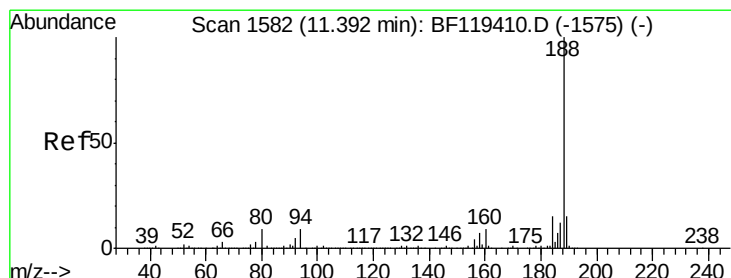
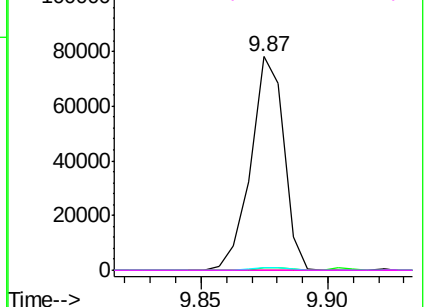
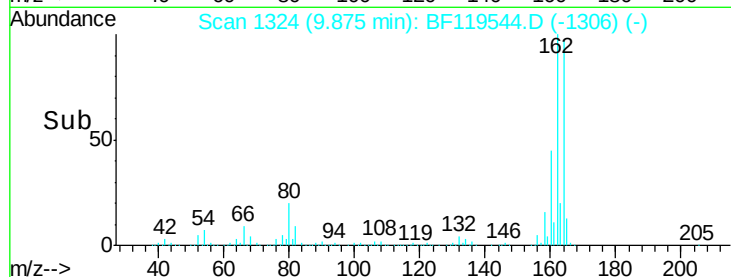


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

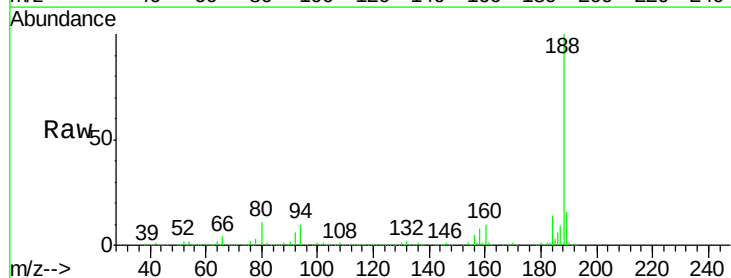
Ion 89.00 (88.70 to 89.70): BF1

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: BF119544.D
 Acq: 26 Mar 2020 21:59

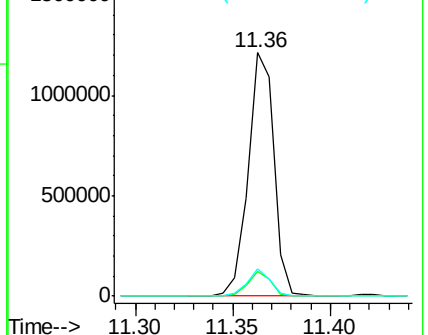
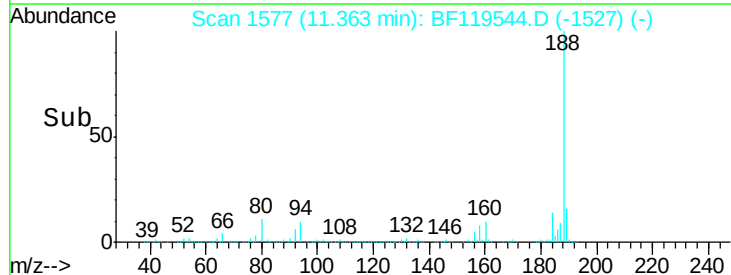
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.1	10.7
80	11.0	7.5	11.3

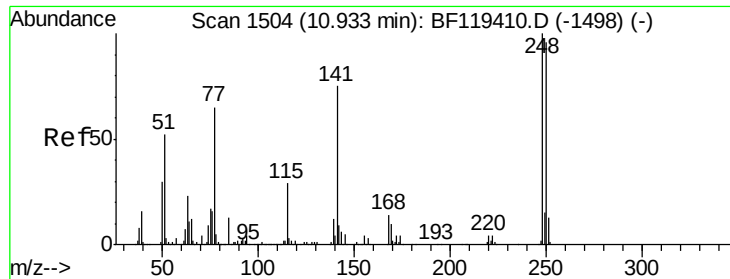


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

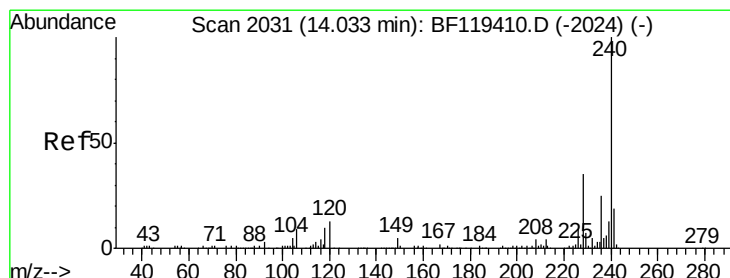
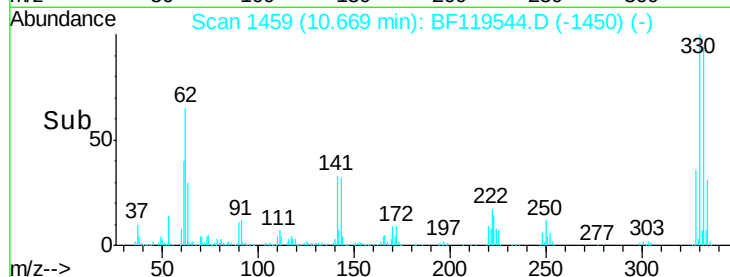
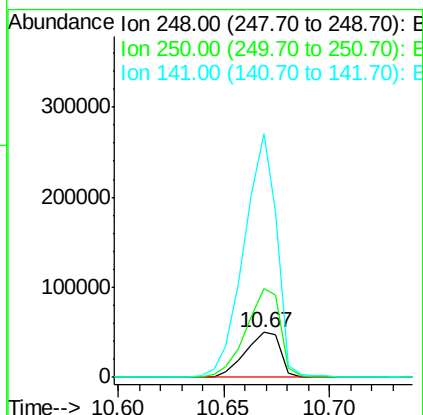
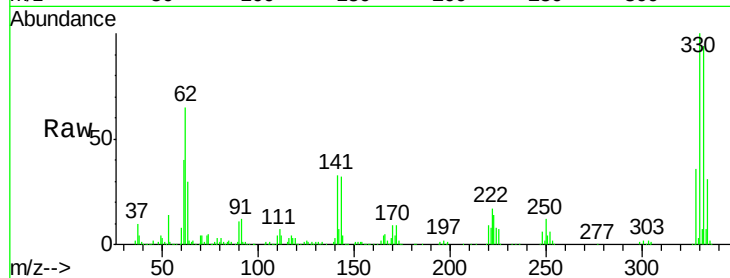




#67
 4-Bromophenyl-phenylether
 Concen: 4.60 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF119544.D
 Acq: 26 Mar 2020 21:59

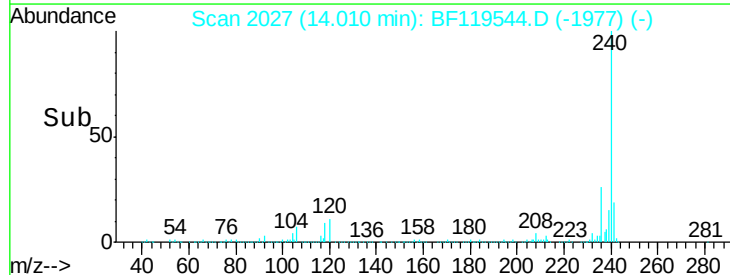
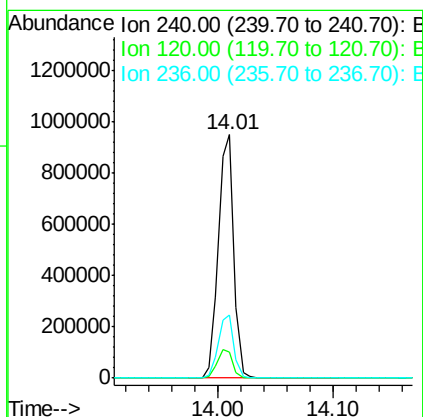
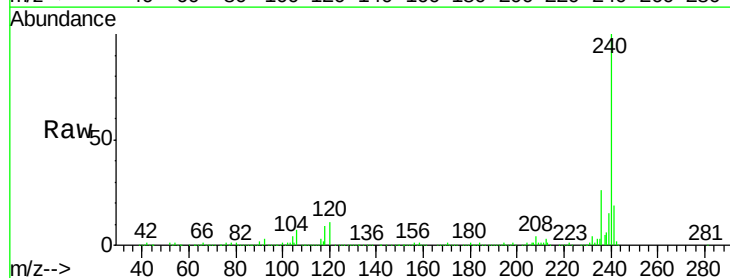
Instrument :
 BNA_F
 ClientSampleId :
 RO-346

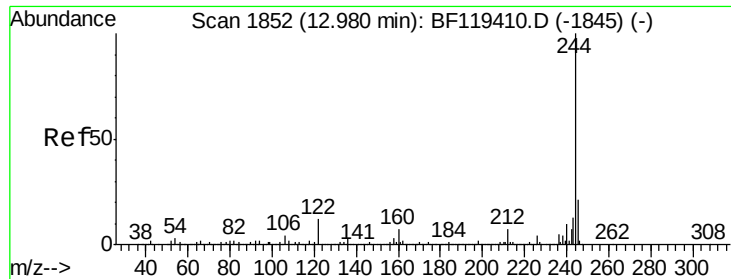
Tgt Ion: 248 Resp: 57885
 Ion Ratio Lower Upper
 248 100
 250 197.6 77.0 115.6#
 141 541.3 59.7 89.5#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119544.D
 Acq: 26 Mar 2020 21:59

Tgt Ion: 240 Resp: 880148
 Ion Ratio Lower Upper
 240 100
 120 10.7 10.2 15.4
 236 25.9 20.4 30.6





#79

Terphenyl-d14

Concen: 94.13 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119544.D

Acq: 26 Mar 2020 21:59

Instrument :

BNA_F

ClientSampleId :

RO-346

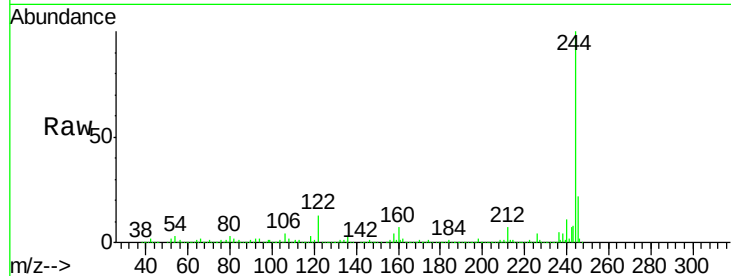
Tgt Ion:244 Resp: 4228701

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

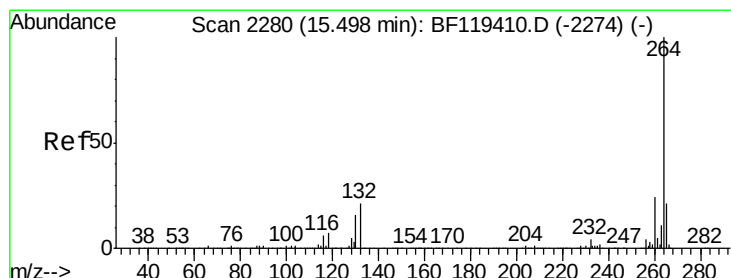
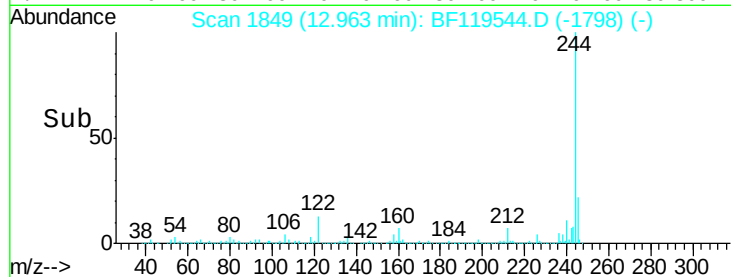
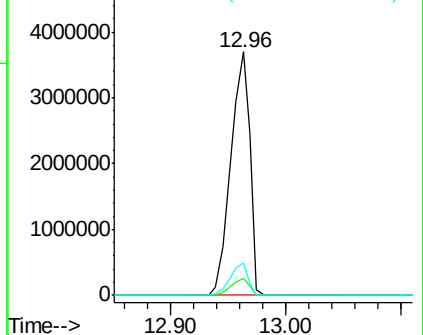
122 13.4 9.8 14.8



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: BF119544.D

Acq: 26 Mar 2020 21:59

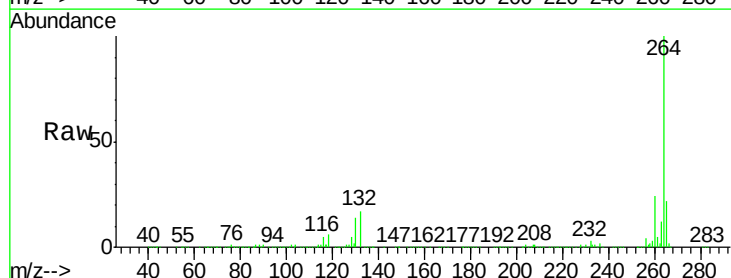
Tgt Ion:264 Resp: 831762

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.9 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

