

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119576.D
 Acq On : 27 Mar 2020 19:23
 Operator : CG/JU
 Sample : PB127856BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BL

Quant Time: Mar 28 00:53:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

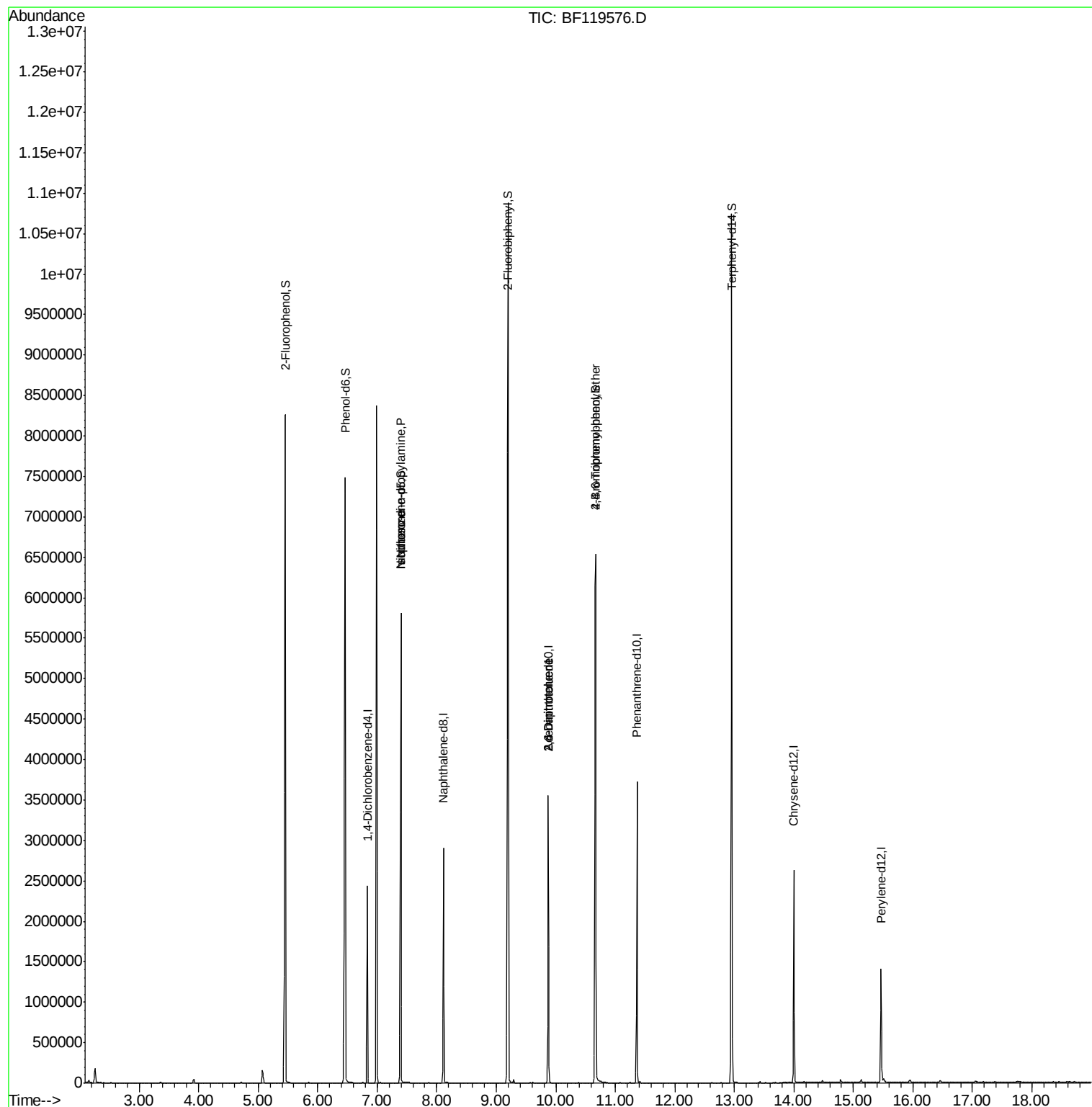
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	335438	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1268360	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	698530	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1317209	20.00	ng	0.00
76) Chrysene-d12	14.00	240	878660	20.00	ng	-0.01
87) Perylene-d12	15.46	264	665713	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2694668	127.88	ng	0.02
7) Phenol-d6	6.46	99	3291959	122.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	1989722	85.26	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	923699	128.18	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3804716	80.69	ng	0.00
79) Terphenyl-d14	12.96	244	4475060	99.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	265310	16.35	ng	# 76
25) Isophorone	7.40	82	1972158	41.66	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	90906	8.55	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	90906	6.79	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	56603	3.77	ng	# 1

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

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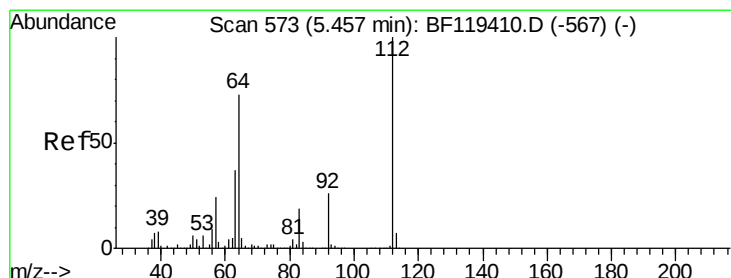
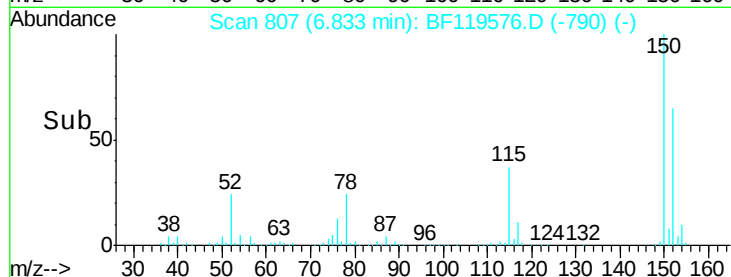
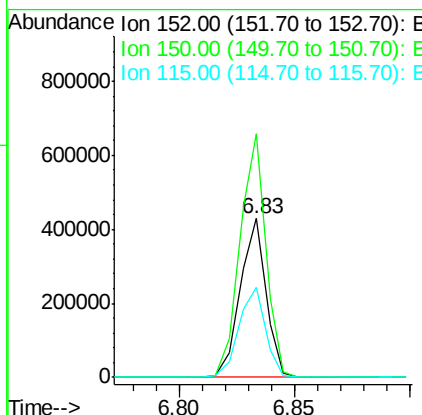
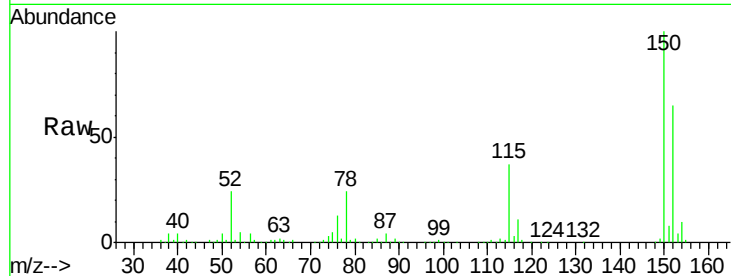




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119576.D
 Acq: 27 Mar 2020 19:23

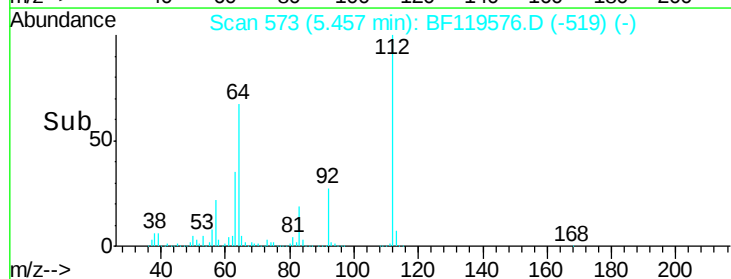
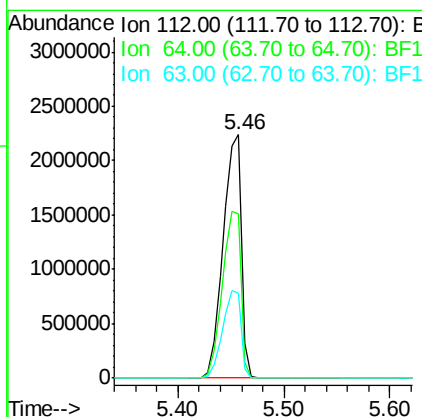
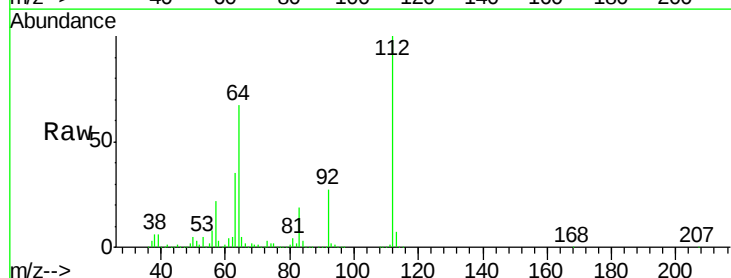
Instrument :
 BNA_F
 ClientSampleId :
 PB127856BL

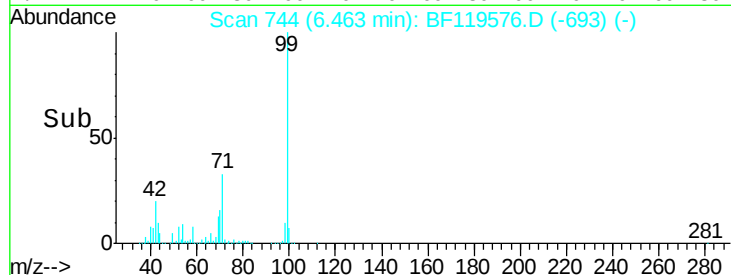
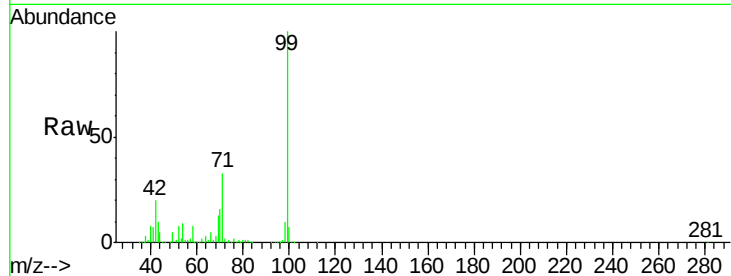
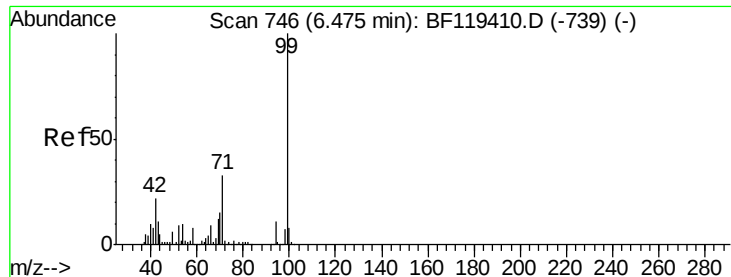
Tgt Ion:152 Resp: 335438
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.5 186.7
 115 56.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 127.88 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF119576.D
 Acq: 27 Mar 2020 19:23

Tgt Ion:112 Resp: 2694668
 Ion Ratio Lower Upper
 112 100
 64 67.2 56.7 85.1
 63 35.0 29.5 44.3





#7

Phenol-d6

Concen: 122.30 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

Instrument :

BNA_F

ClientSampleId :

PB127856BL

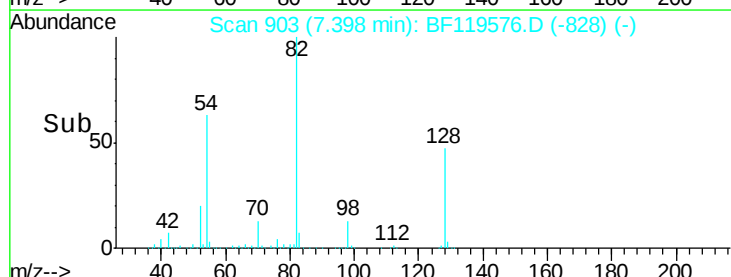
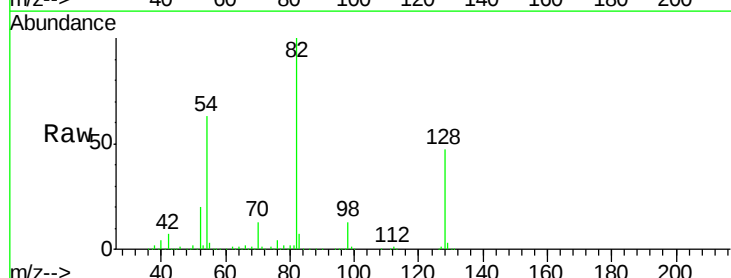
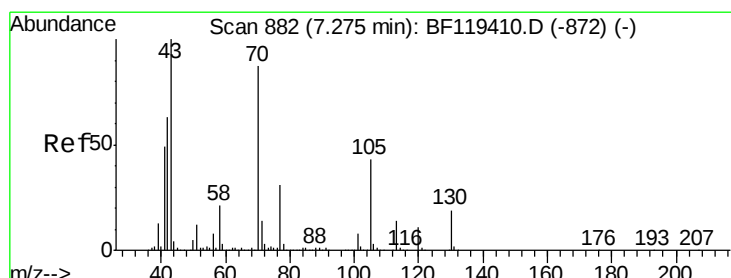
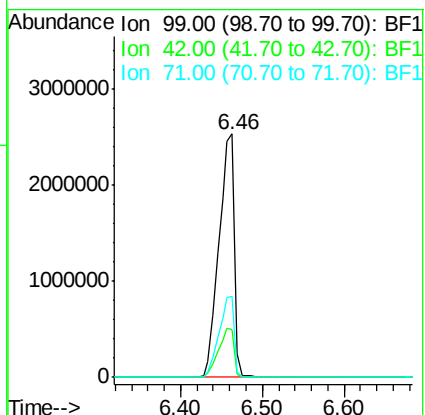
Tgt Ion: 99 Resp: 3291959

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

71 33.1 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.35 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

Tgt Ion: 70 Resp: 265310

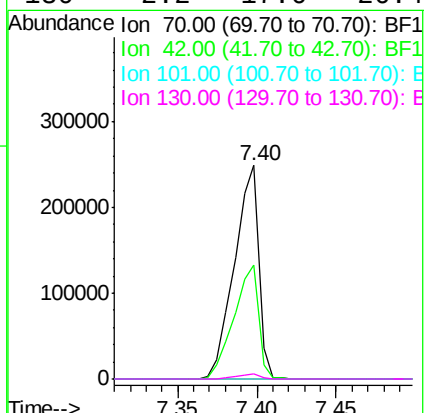
Ion Ratio Lower Upper

70 100

42 53.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

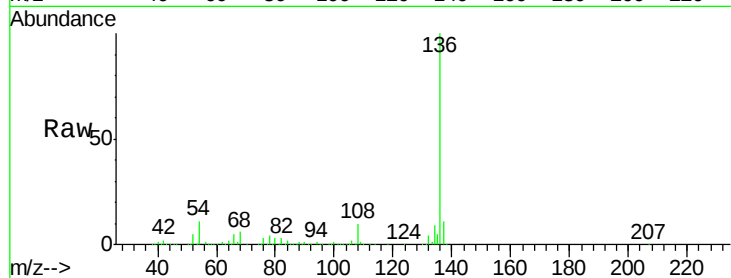




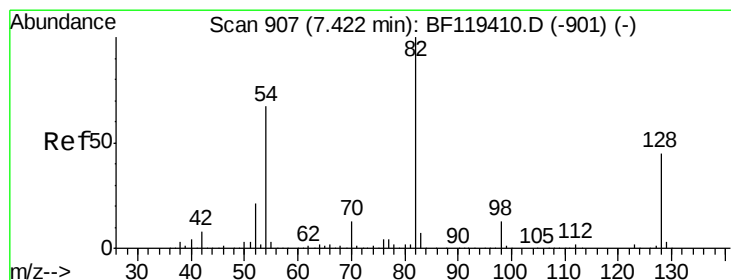
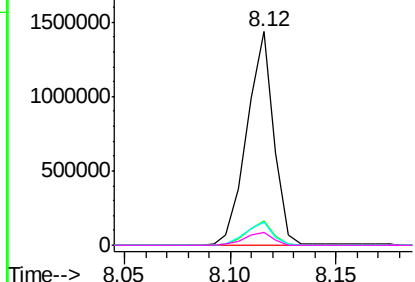
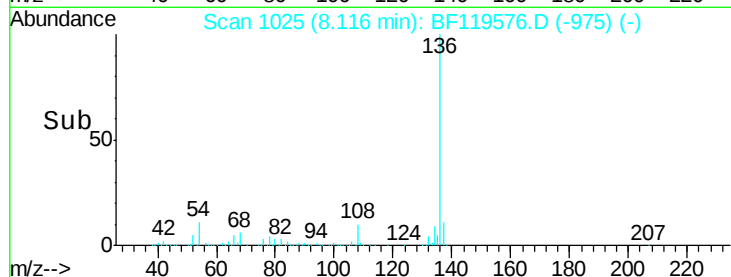
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119576.D
Acq: 27 Mar 2020 19:23

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	1268360
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.8	9.1	13.7
68	5.8	4.6	6.8

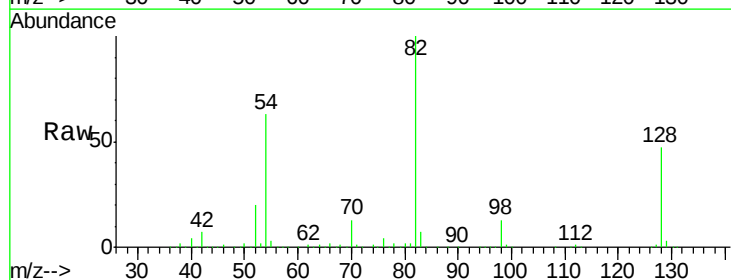


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

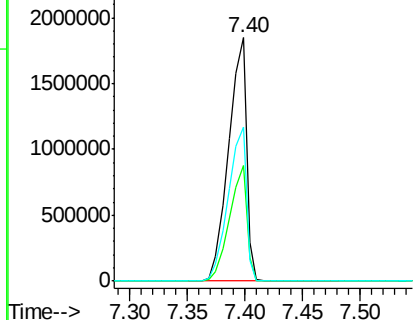
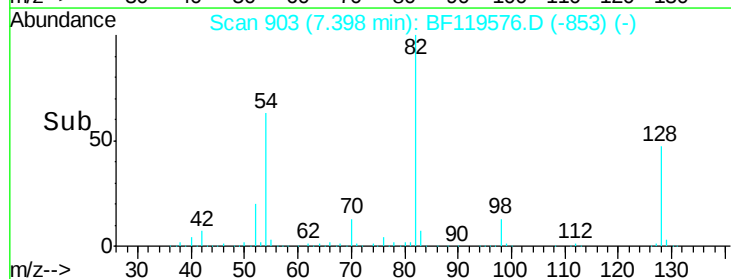


#23
Nitrobenzene-d5
Concen: 85.26 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119576.D
Acq: 27 Mar 2020 19:23

Tgt Ion:	82	Resp:	1989722
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.3	54.5
54	63.4	50.6	75.8



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: 41.66 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

Instrument :

BNA_F

ClientSampleId :

PB127856BL

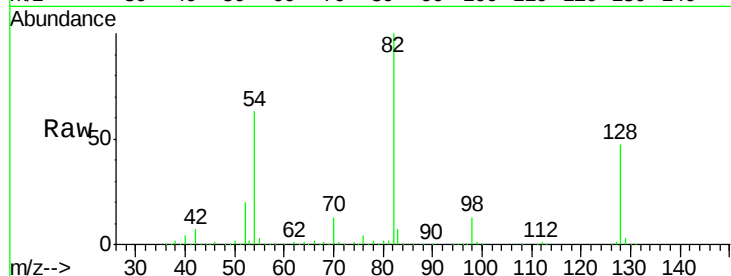
Tgt Ion: 82 Resp: 1972158

Ion Ratio Lower Upper

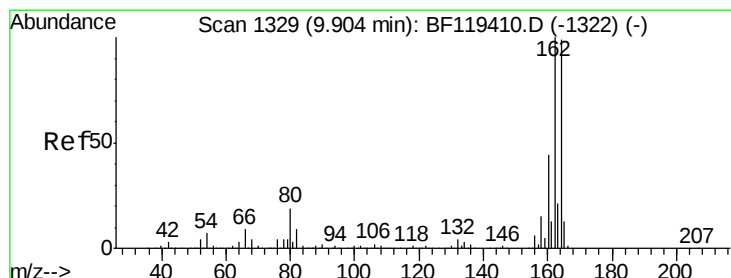
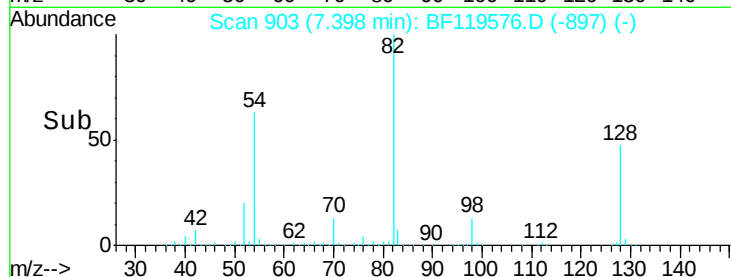
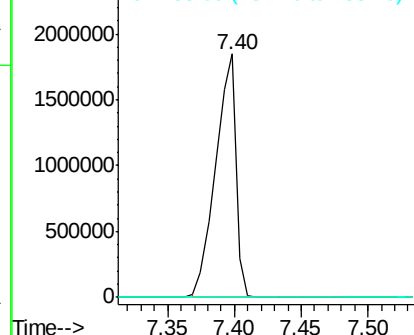
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

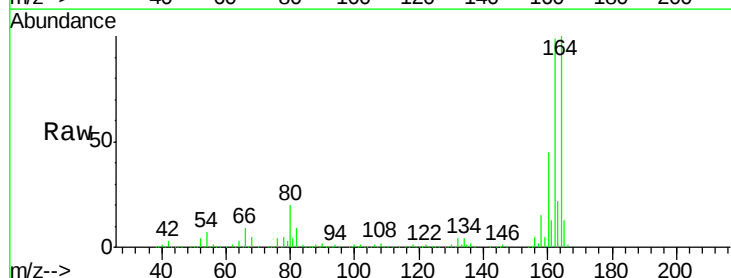
Tgt Ion: 164 Resp: 698530

Ion Ratio Lower Upper

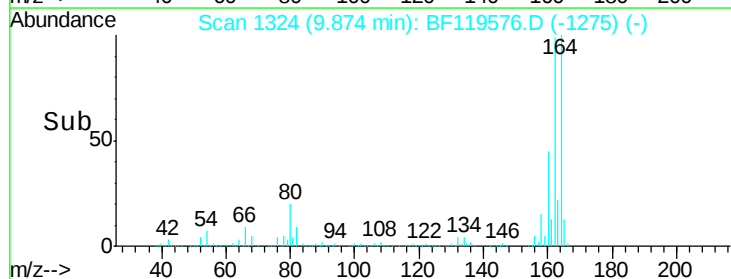
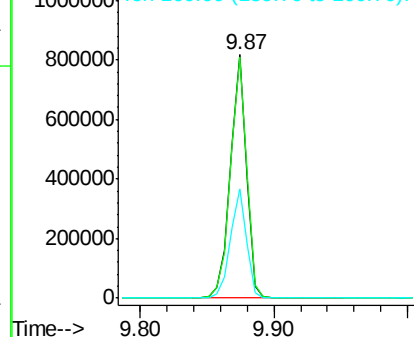
164 100

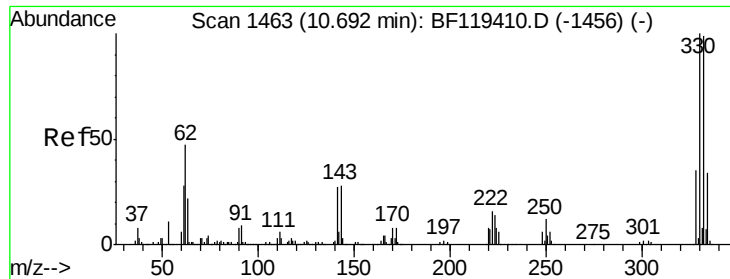
162 99.0 80.6 121.0

160 44.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

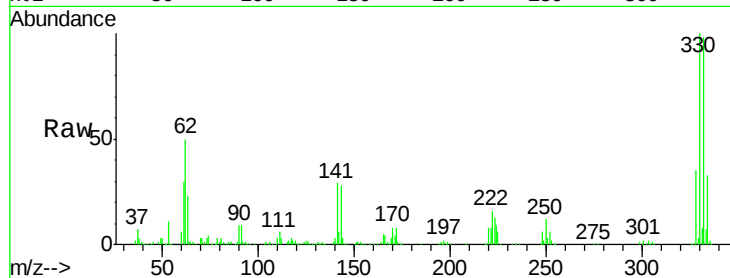




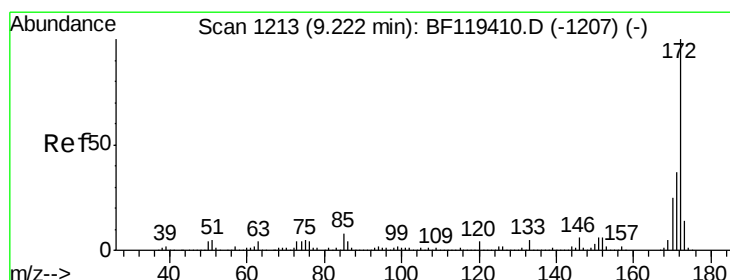
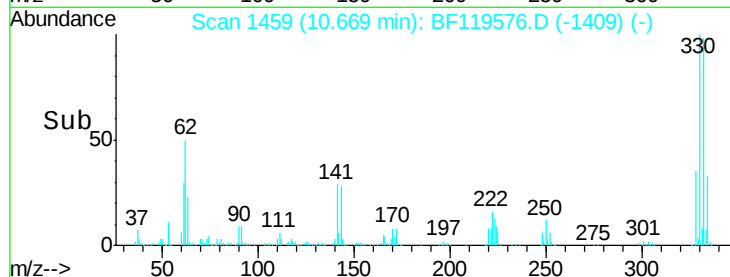
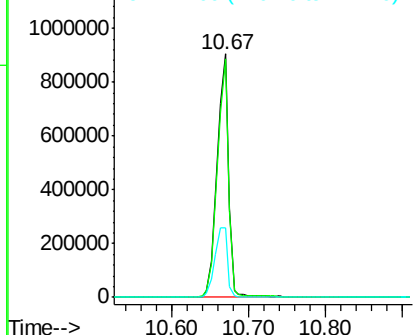
#42
 2,4,6-Tribromophenol
 Concen: 128.18 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119576.D
 Acq: 27 Mar 2020 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	31.6	25.4	38.0

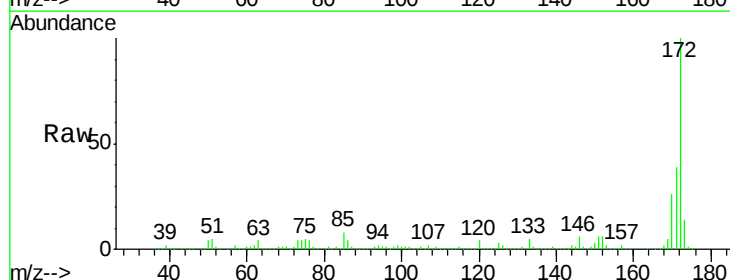


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

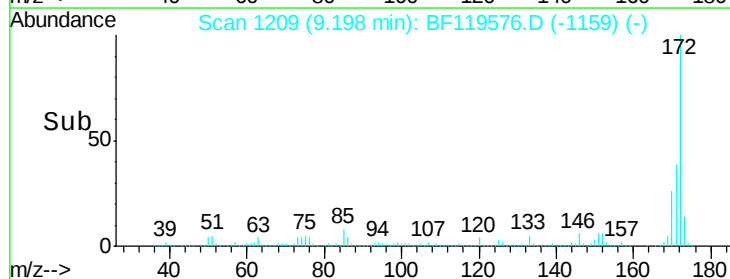
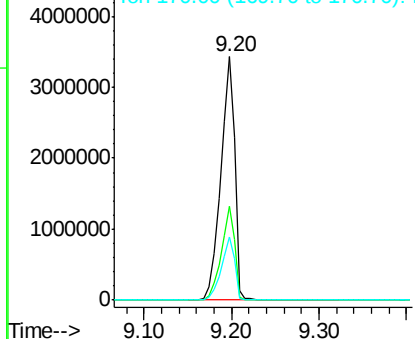


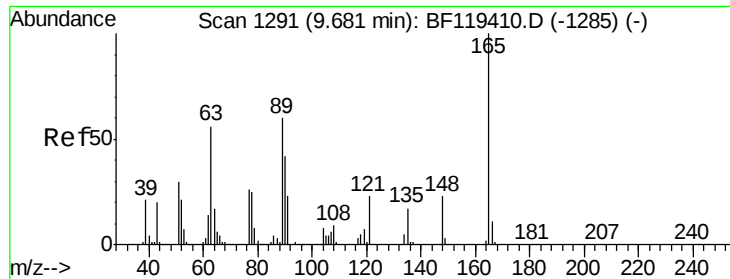
#45
 2-Fluorobiphenyl
 Concen: 80.69 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119576.D
 Acq: 27 Mar 2020 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.6	44.4
170	26.0	20.2	30.2



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

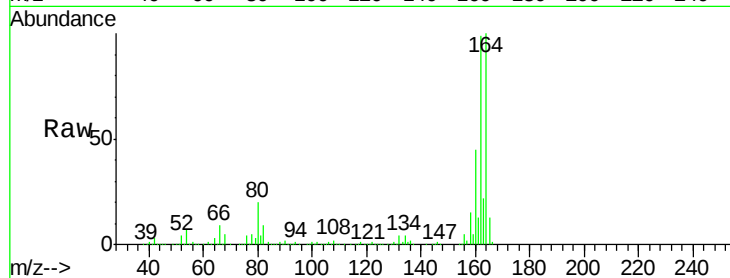




#51
2,6-Dinitrotoluene
Concen: 8.55 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF119576.D
Acq: 27 Mar 2020 19:23

Instrument :
BNA_F
ClientSampleId :
PB127856BL

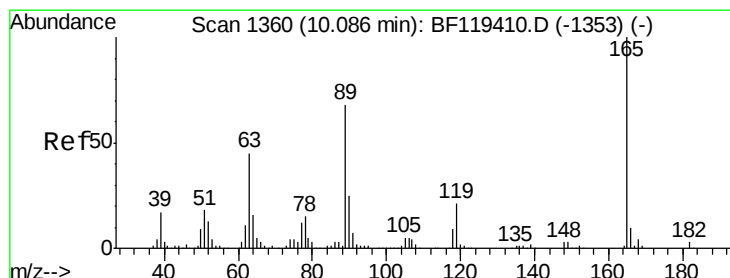
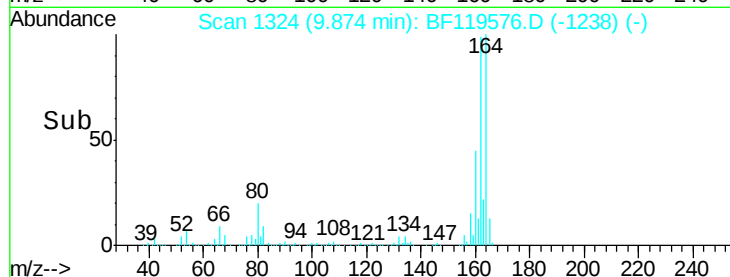
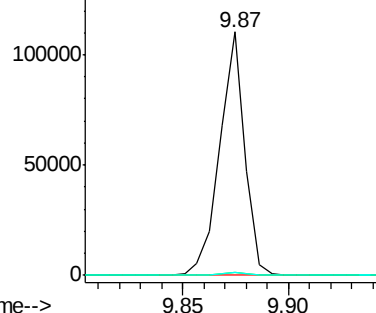
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.0	67.4#
89	1.3	41.5	62.3#



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: 6.79 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119576.D
Acq: 27 Mar 2020 19:23

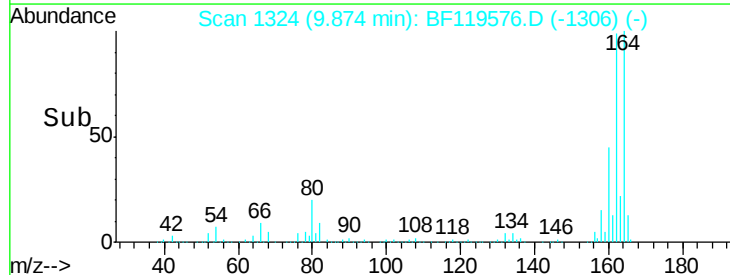
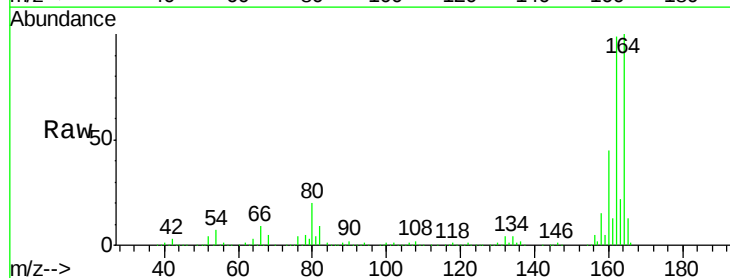
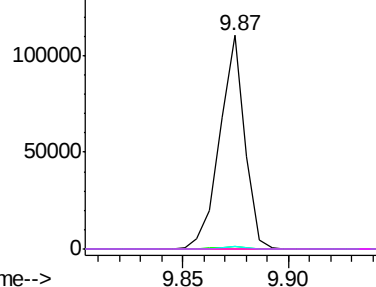
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#

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: BF119576.D

Acq: 27 Mar 2020 19:23

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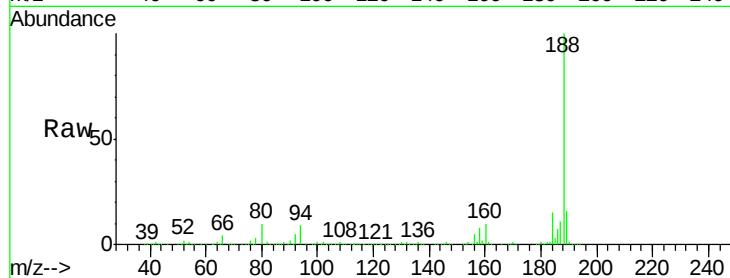
Tgt Ion:188 Resp: 1317209

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

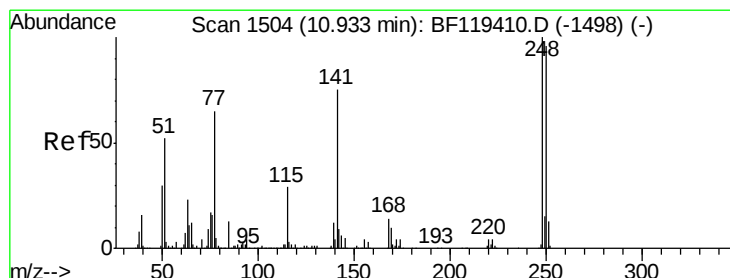
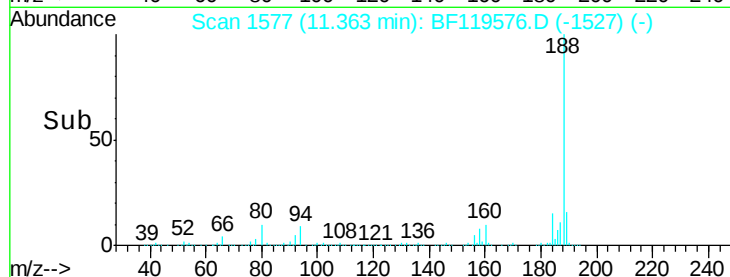
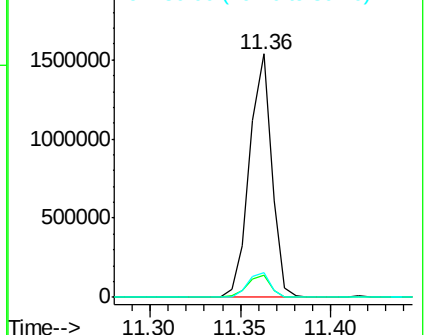
80 10.1 9.0 13.4



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: 3.77 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

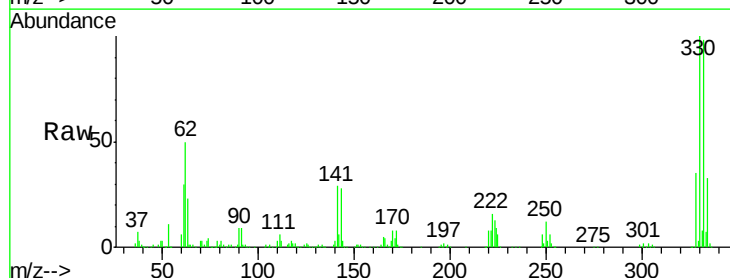
Tgt Ion:248 Resp: 56603

Ion Ratio Lower Upper

248 100

250 180.8 77.3 115.9#

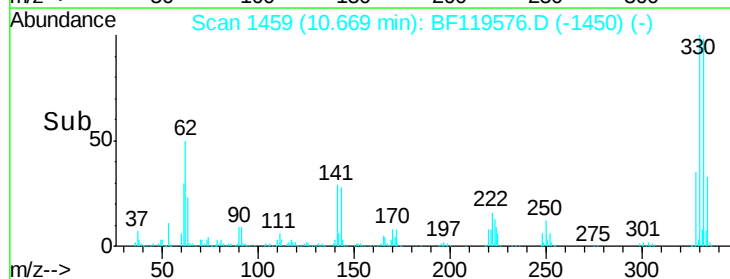
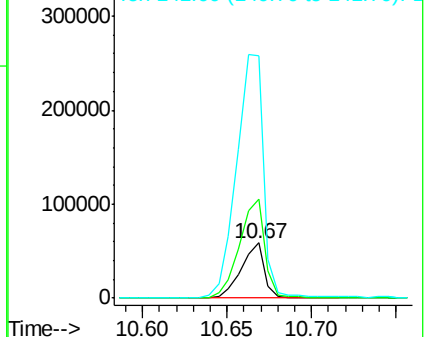
141 442.6 58.6 87.8#

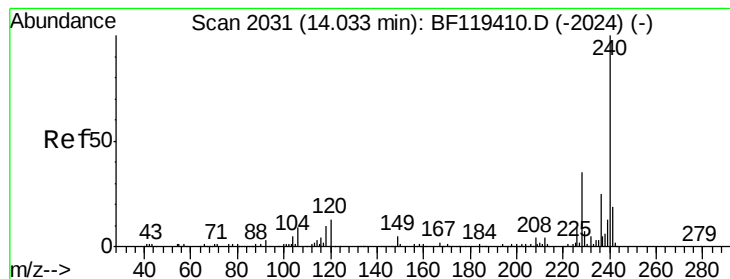


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

Instrument :

BNA_F

ClientSampleId :

PB127856BL

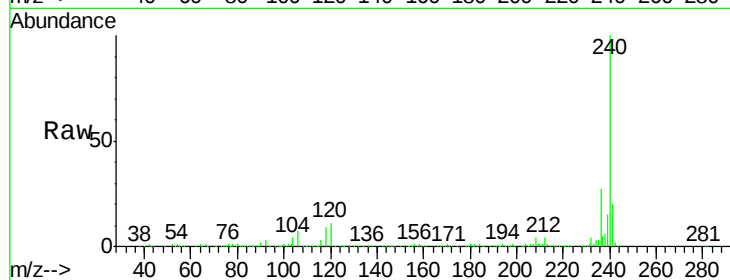
Tgt Ion:240 Resp: 878660

Ion Ratio Lower Upper

240 100

120 10.8 10.6 15.8

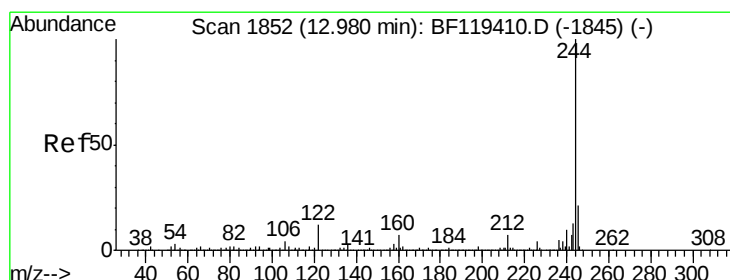
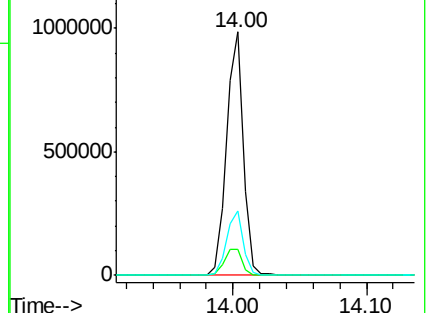
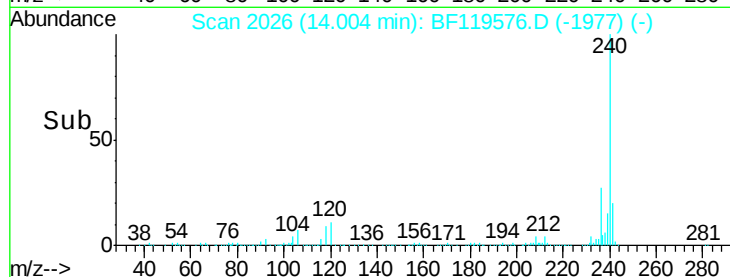
236 26.5 20.2 30.2



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: 99.78 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

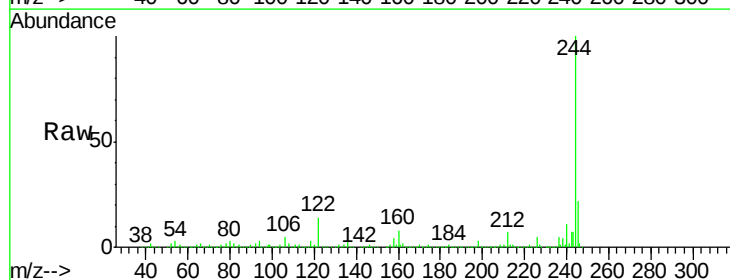
Tgt Ion:244 Resp: 4475060

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

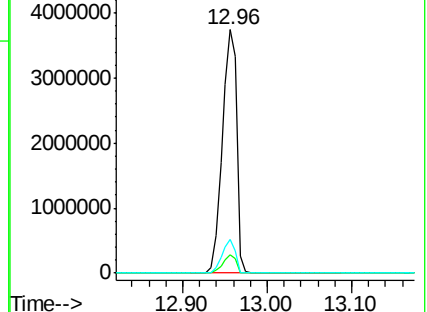
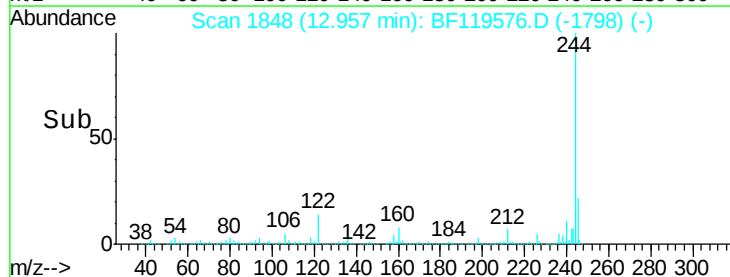
122 14.0 10.3 15.5

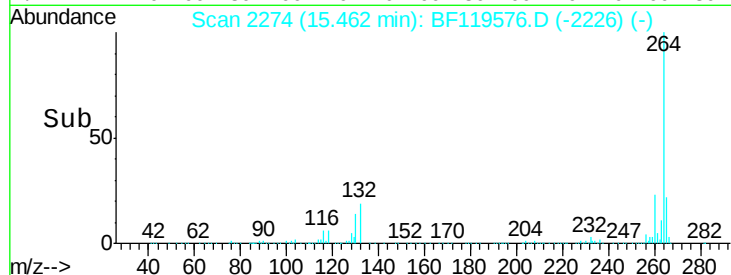
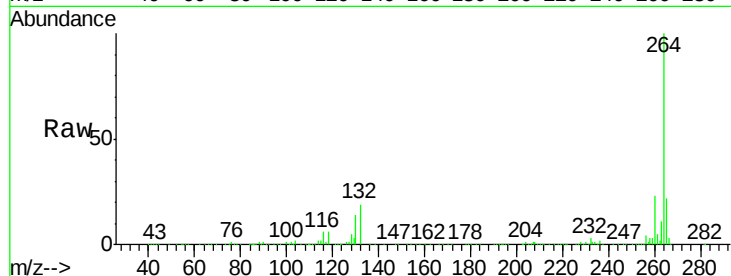
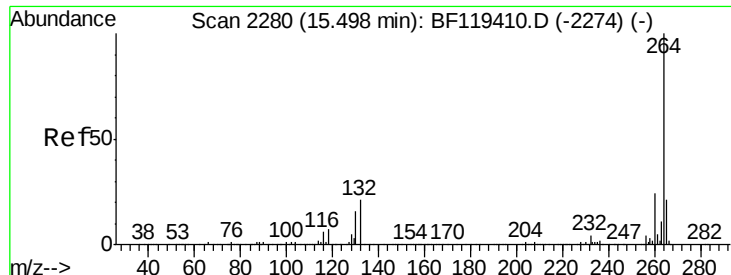


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119576.D
Acq: 27 Mar 2020 19:23

Instrument :
BNA_F
ClientSampleId :
PB127856BL

Tgt Ion:	264	Resp:	665713
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	17.7	26.5

