

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119594.D
 Acq On : 28 Mar 2020 4:13
 Operator : CG/JU
 Sample : L2049-7
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)

Quant Time: Mar 28 07:55:49 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

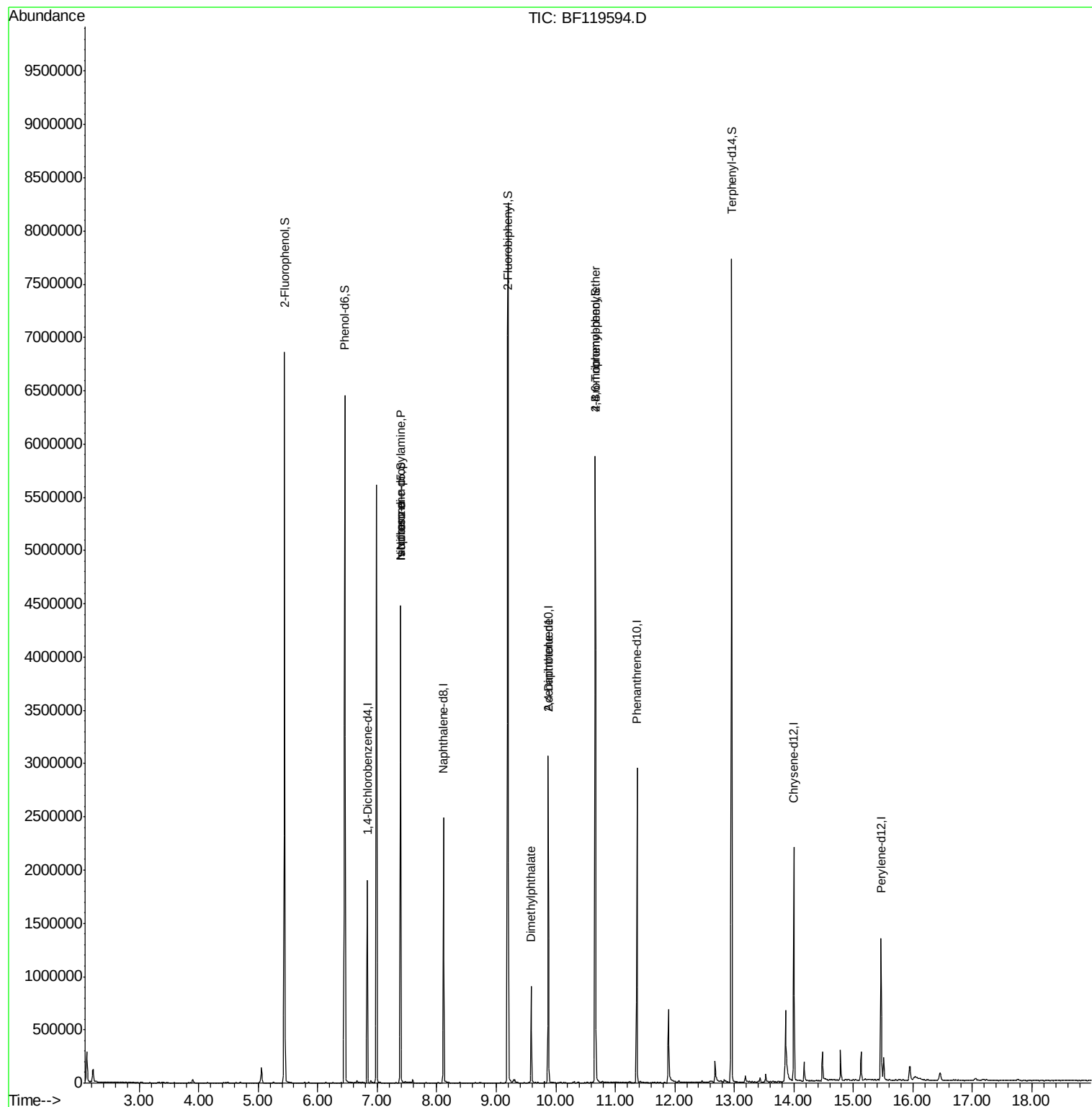
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	272557	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1049458	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	573830	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1090143	20.00	ng	0.00
76) Chrysene-d12	14.00	240	795301	20.00	ng	-0.01
87) Perylene-d12	15.46	264	650289	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1943682	113.52	ng	0.00
7) Phenol-d6	6.46	99	2463382	112.63	ng	0.00
23) Nitrobenzene-d5	7.39	82	1556229	80.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	720362	121.68	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2710801	69.99	ng	0.00
79) Terphenyl-d14	12.96	244	3087357	76.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	201506	15.29	ng	# 77
25) Isophorone	7.39	82	1543781	39.41	ng	# 65
50) Dimethylphthalate	9.59	163	326290	8.01	ng	98
57) 2,4-Dinitrotoluene	9.87	165	74393	6.76	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	44139	3.56	ng	# 1

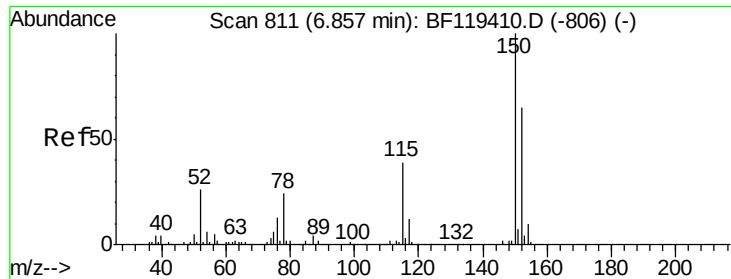
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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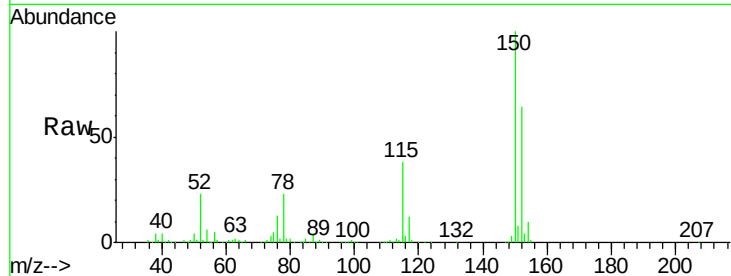


#1

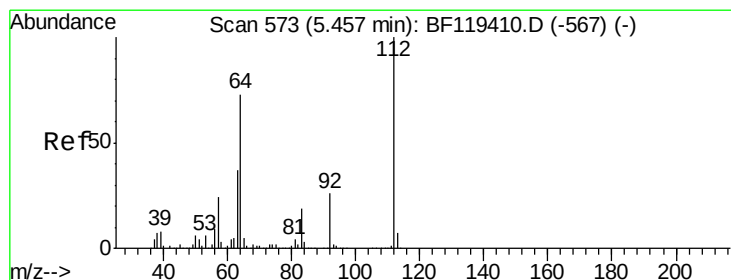
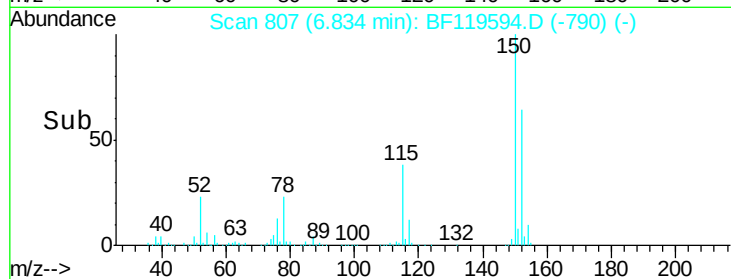
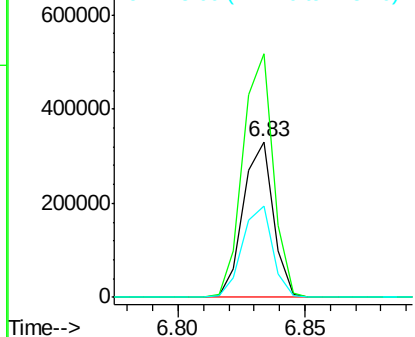
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)

Tgt Ion:152 Resp: 272557
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 58.9 49.6 74.4



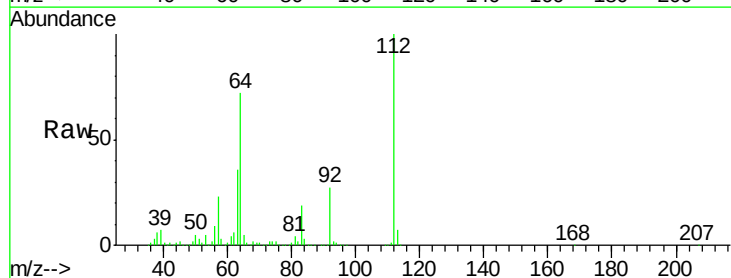
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



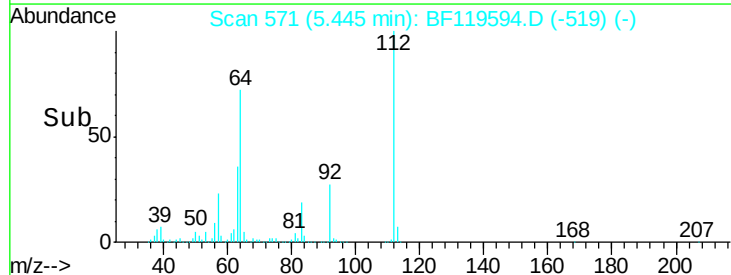
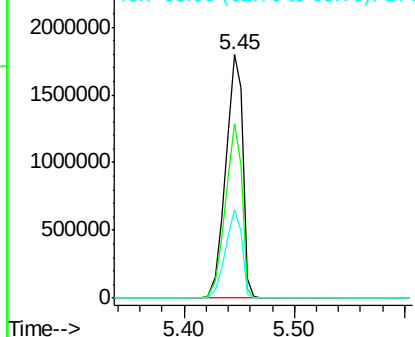
#5

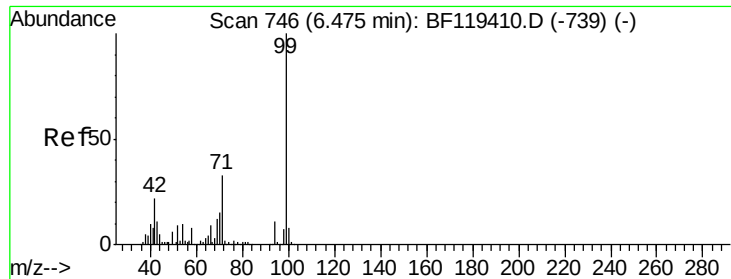
2-Fluorophenol
Concen: 113.52 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

Tgt Ion:112 Resp: 1943682
Ion Ratio Lower Upper
112 100
64 71.7 56.7 85.1
63 36.5 29.5 44.3



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: 112.63 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119594.D

Acq: 28 Mar 2020 4:13

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)

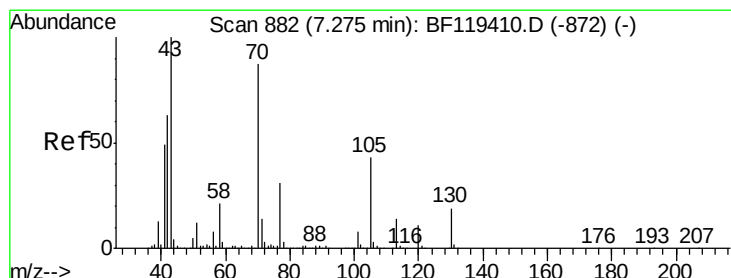
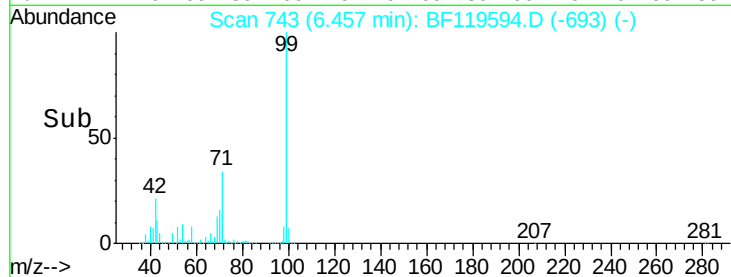
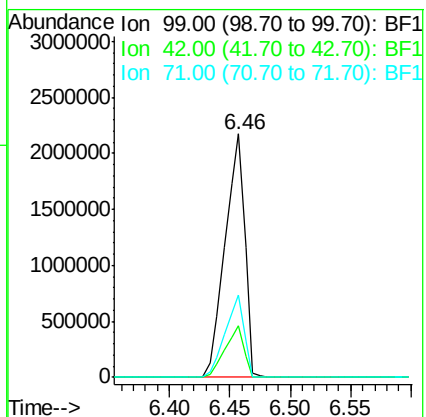
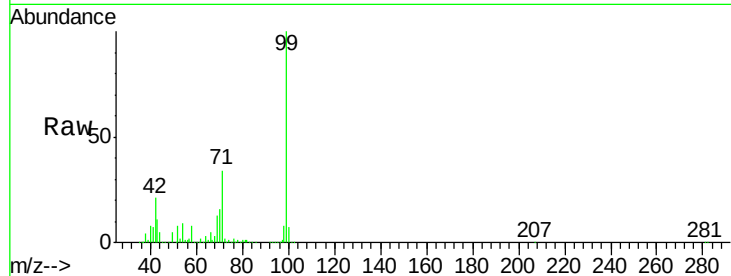
Tgt Ion: 99 Resp: 2463382

Ion Ratio Lower Upper

99 100

42 21.1 16.6 24.8

71 33.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.29 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119594.D

Acq: 28 Mar 2020 4:13

Tgt Ion: 70 Resp: 201506

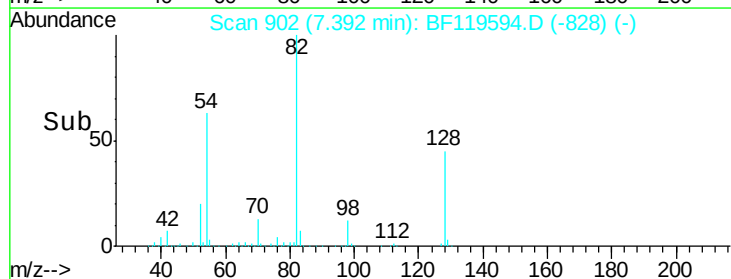
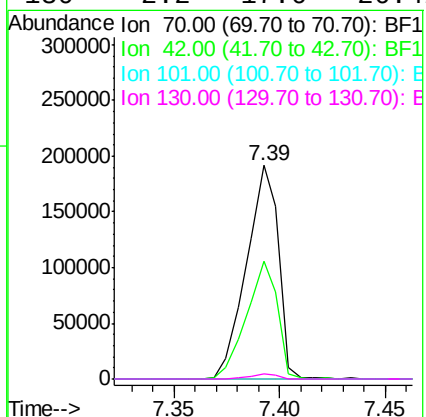
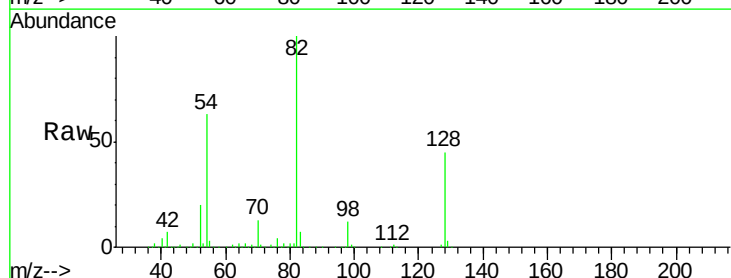
Ion Ratio Lower Upper

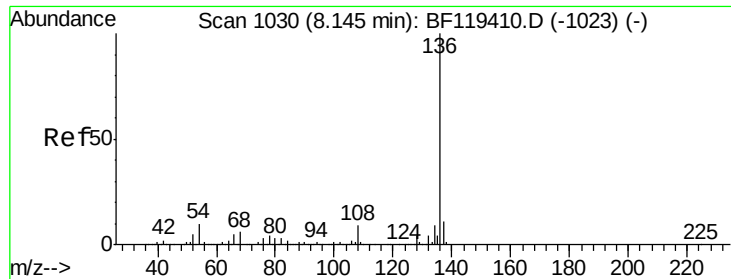
70 100

42 54.9 54.5 81.7

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

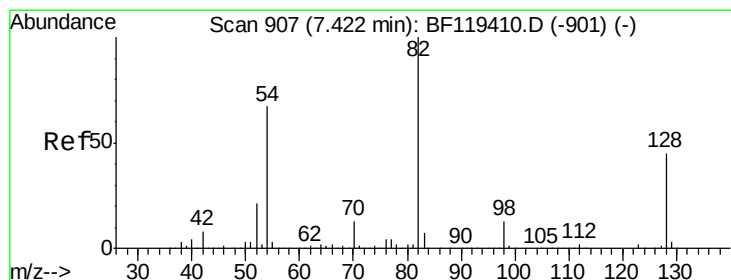
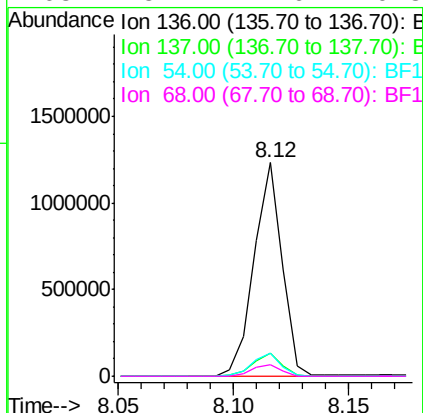
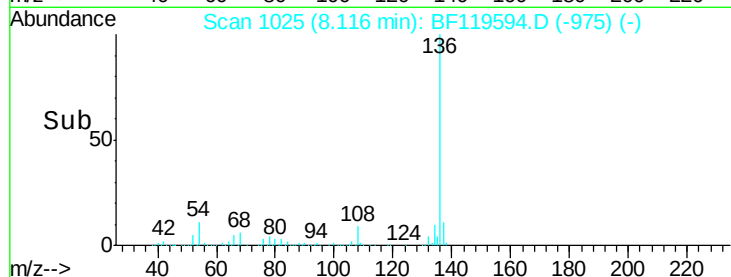
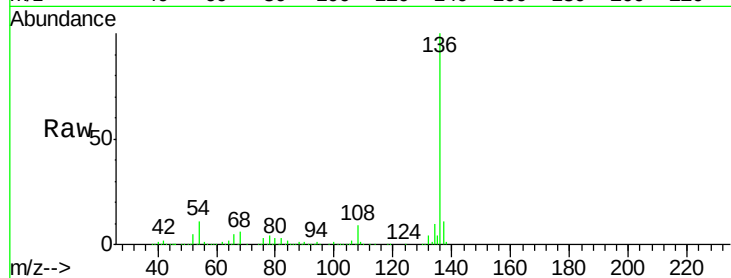




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

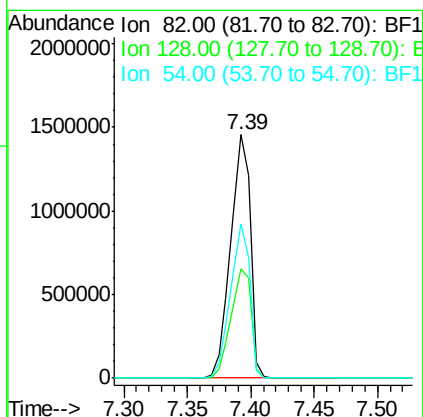
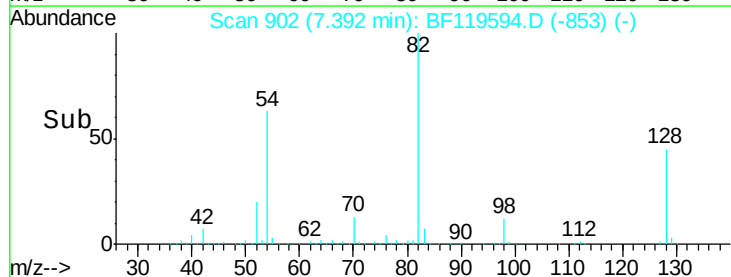
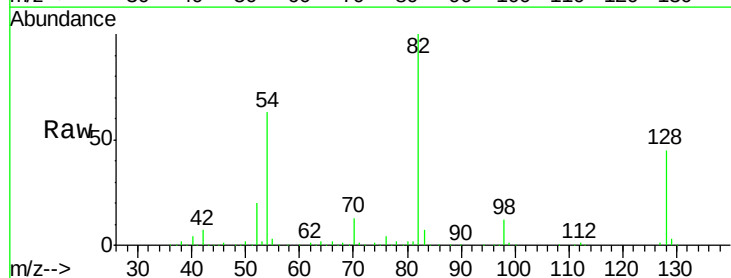
Instrument :
BNA_F
ClientSampleId :
SB-5-(10-12)

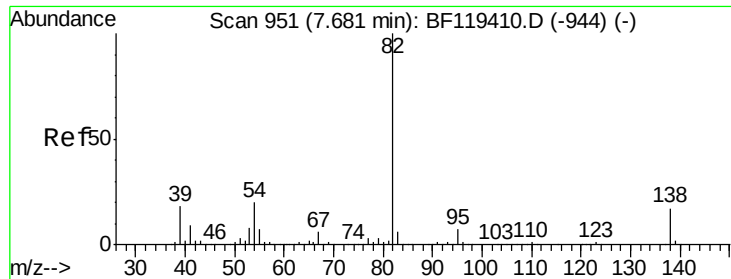
Tgt Ion:	136	Resp:	1049458
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.6	9.1	13.7
68	5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 80.59 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

Tgt Ion:	82	Resp:	1556229
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.3	54.5
54	63.2	50.6	75.8





#25

Isophorone

Concen: 39.41 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119594.D

Acq: 28 Mar 2020 4:13

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)

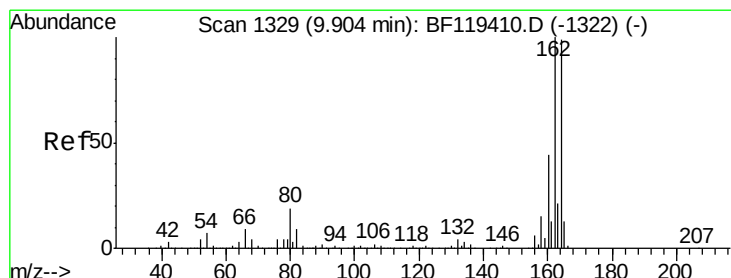
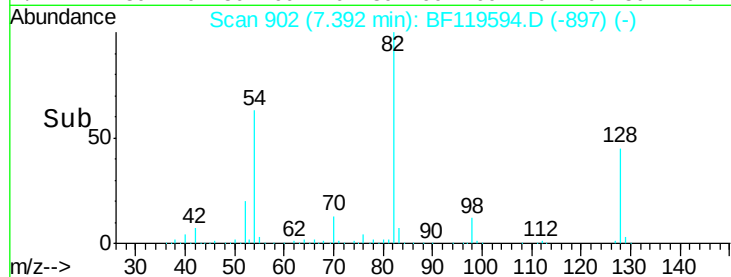
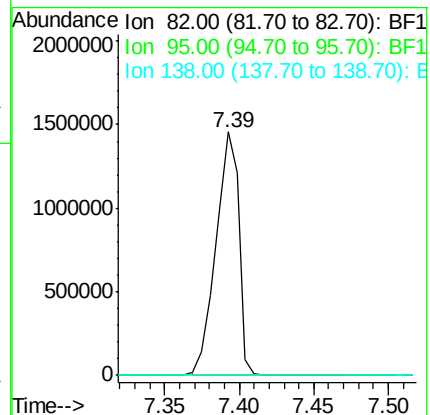
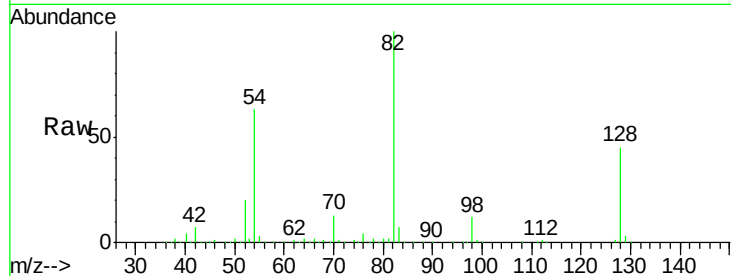
Tgt Ion: 82 Resp: 1543781

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119594.D

Acq: 28 Mar 2020 4:13

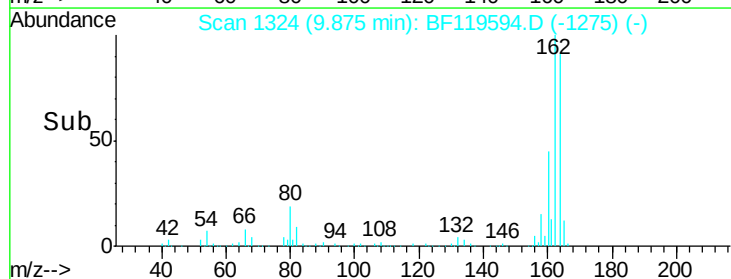
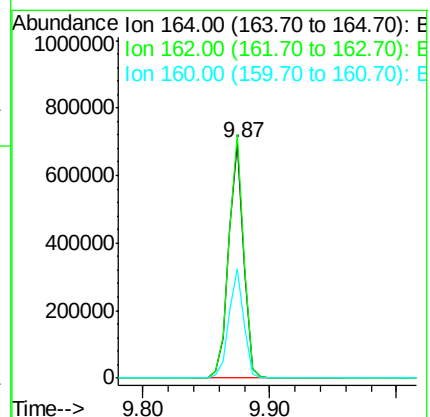
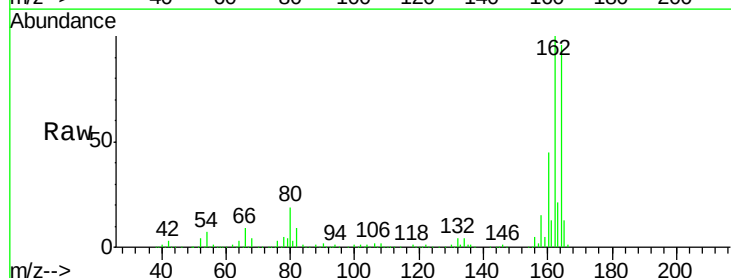
Tgt Ion: 164 Resp: 573830

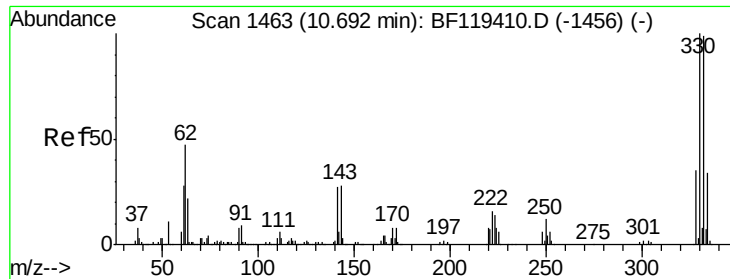
Ion Ratio Lower Upper

164 100

162 103.7 80.6 121.0

160 46.5 35.7 53.5

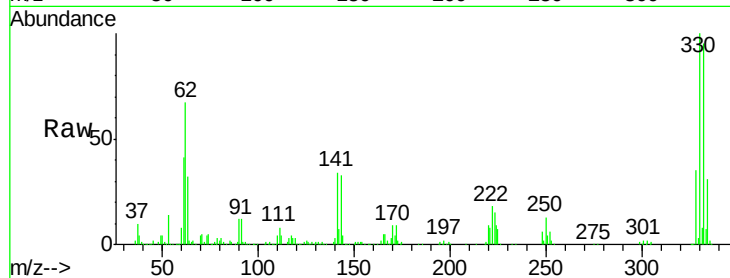




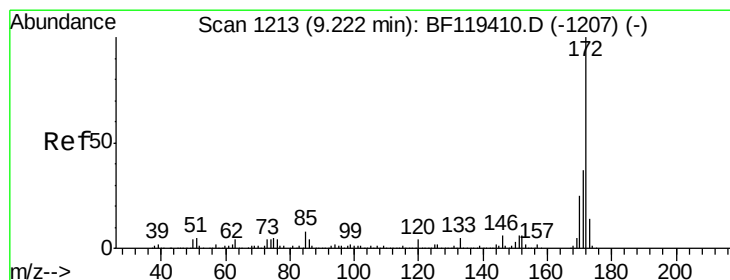
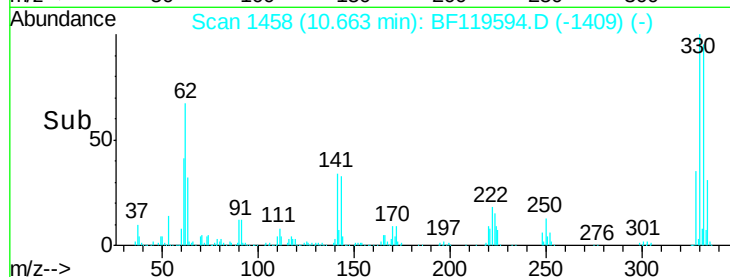
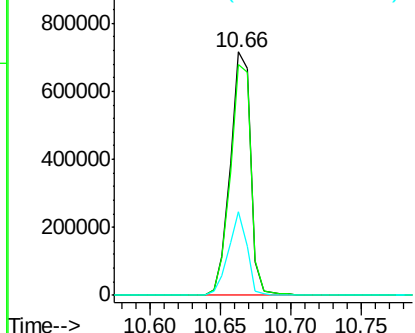
#42
 2,4,6-Tribromophenol
 Concen: 121.68 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119594.D
 Acq: 28 Mar 2020 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(10-12)

Tgt Ion:330 Resp: 720362
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.7 113.5
 141 31.6 25.4 38.0

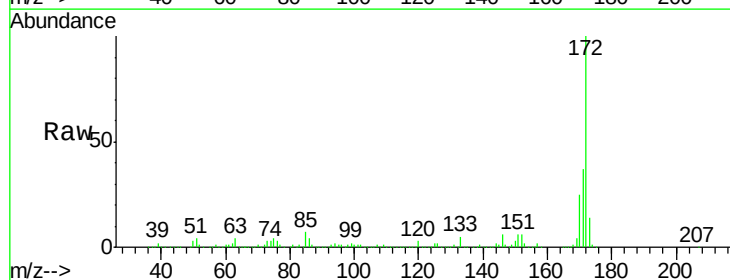


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

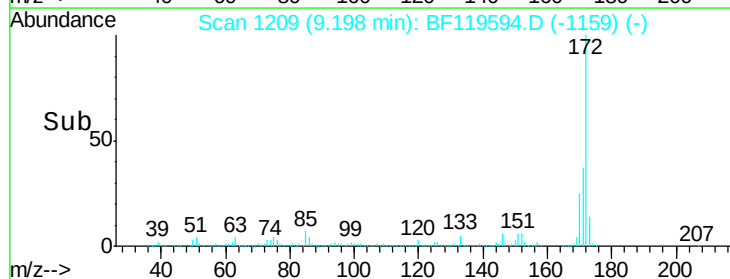
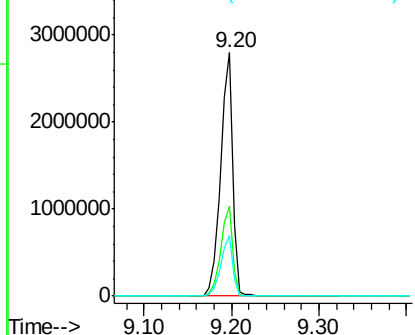


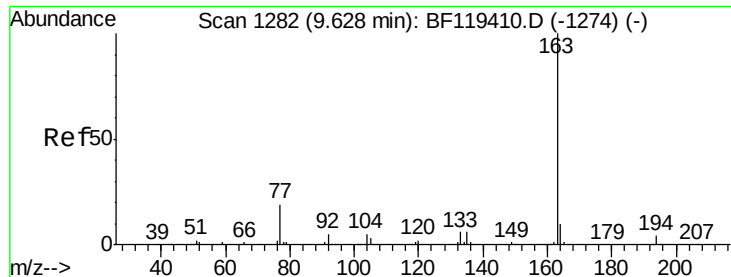
#45
 2-Fluorobiphenyl
 Concen: 69.99 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119594.D
 Acq: 28 Mar 2020 4:13

Tgt Ion:172 Resp: 2710801
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.6 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

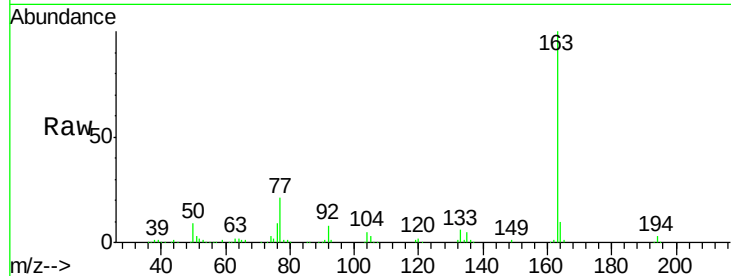




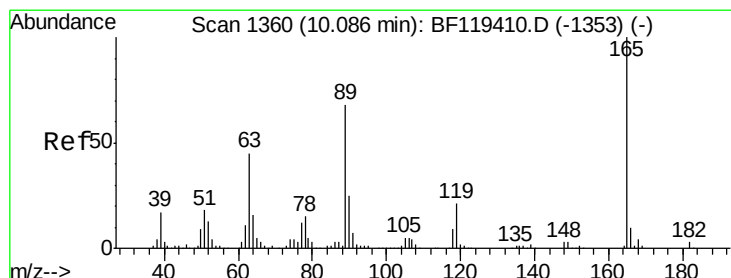
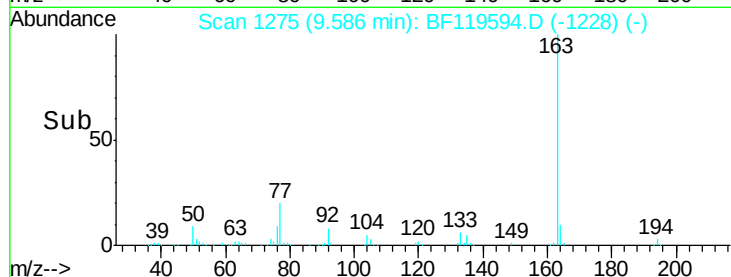
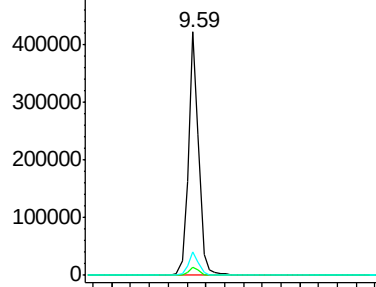
#50
Dimethylphthalate
Concen: 8.01 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

Instrument :
BNA_F
ClientSampled :
SB-5-(10-12)

Tgt Ion:163 Resp: 326290
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.5 8.2 12.2

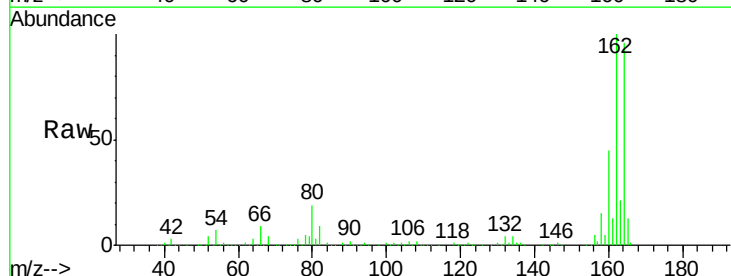


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

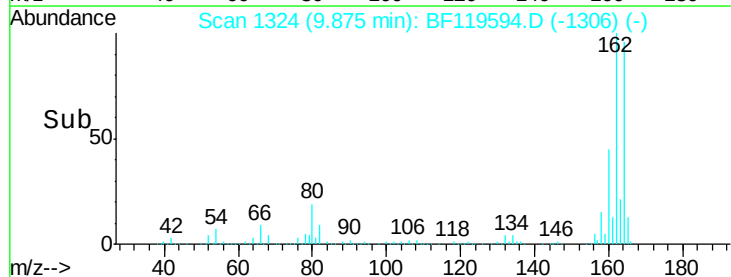
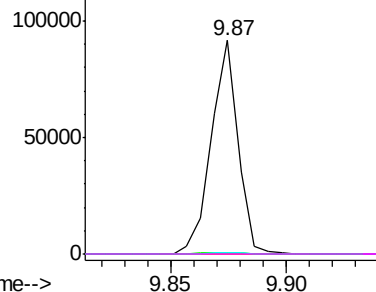


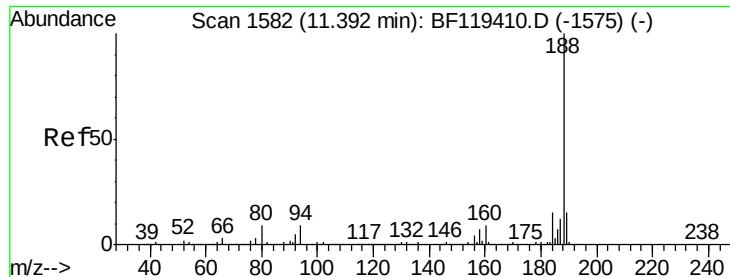
#57
2,4-Dinitrotoluene
Concen: 6.76 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119594.D
Acq: 28 Mar 2020 4:13

Tgt Ion:165 Resp: 74393
Ion Ratio Lower Upper
165 100
63 0.8 42.6 64.0#
89 0.9 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: BF119594.D

Acq: 28 Mar 2020 4:13

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)

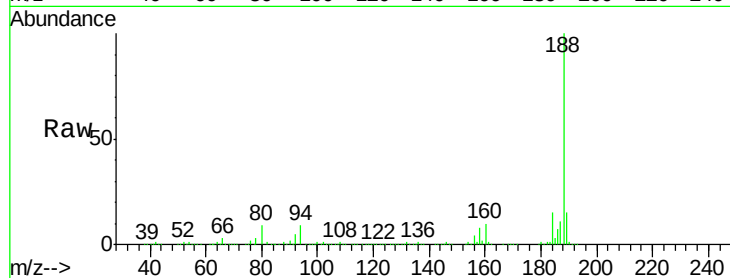
Tgt Ion:188 Resp: 1090143

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

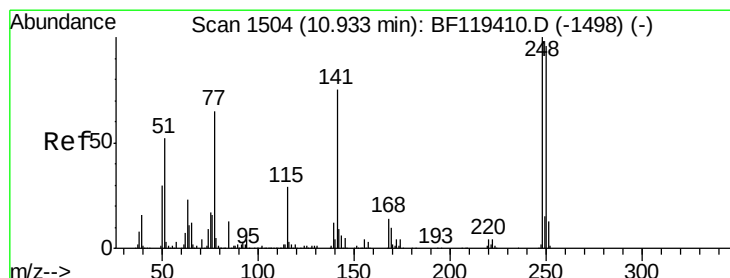
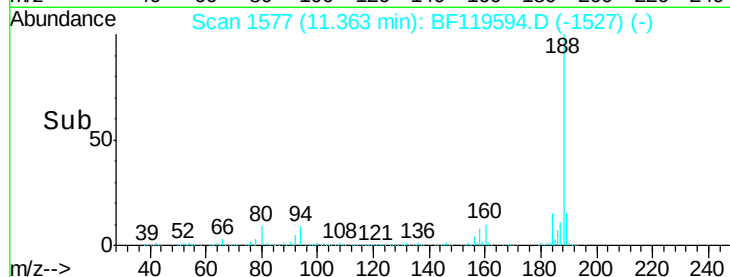
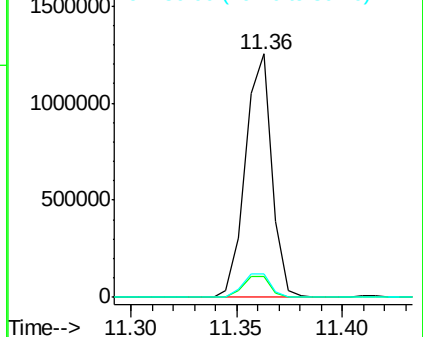
80 9.4 9.0 13.4



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: 3.56 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF119594.D

Acq: 28 Mar 2020 4:13

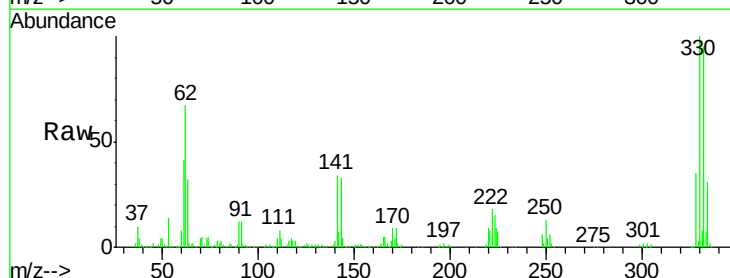
Tgt Ion:248 Resp: 44139

Ion Ratio Lower Upper

248 100

250 198.8 77.3 115.9#

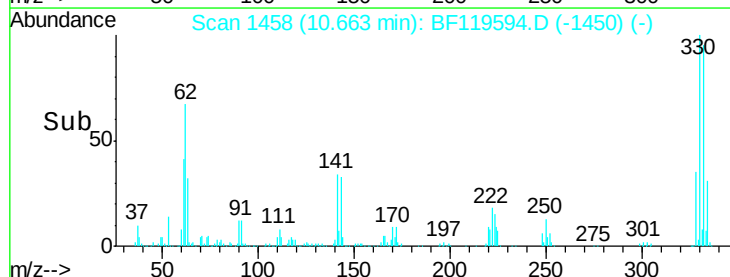
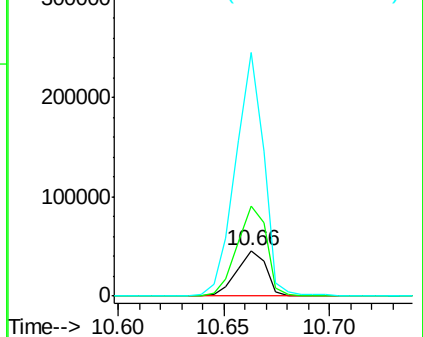
141 535.6 58.6 87.8#

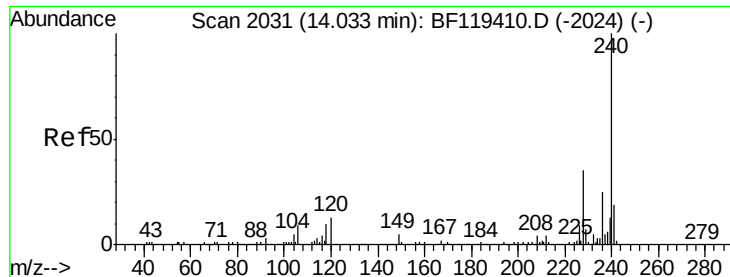


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF119594.D

Acq: 28 Mar 2020 4:13

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)

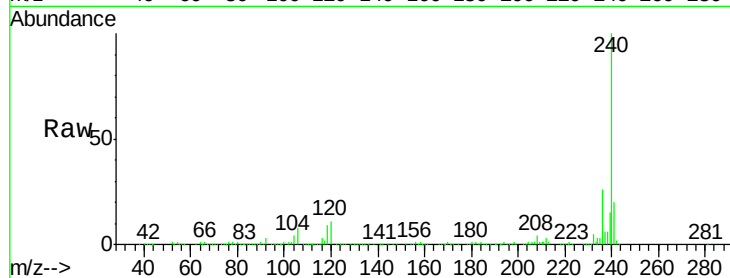
Tgt Ion:240 Resp: 795301

Ion Ratio Lower Upper

240 100

120 10.8 10.6 15.8

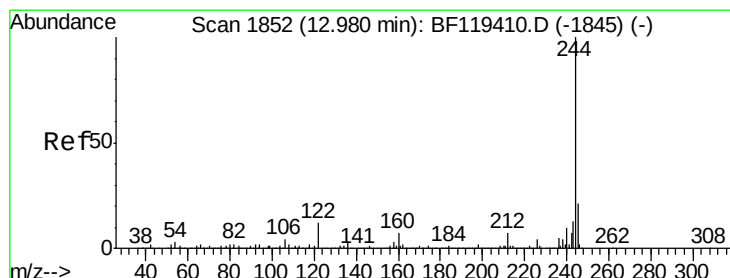
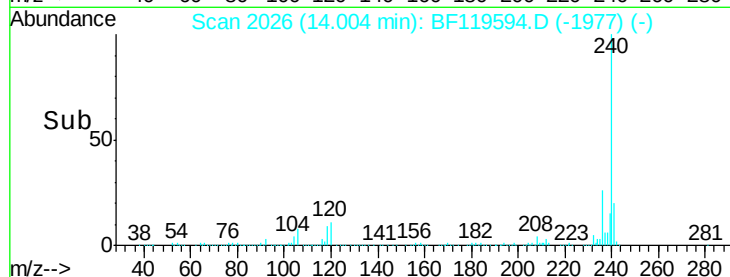
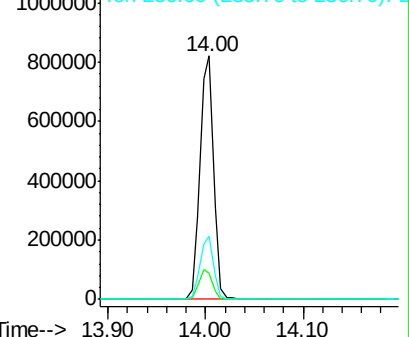
236 25.8 20.2 30.2



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: 76.06 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119594.D

Acq: 28 Mar 2020 4:13

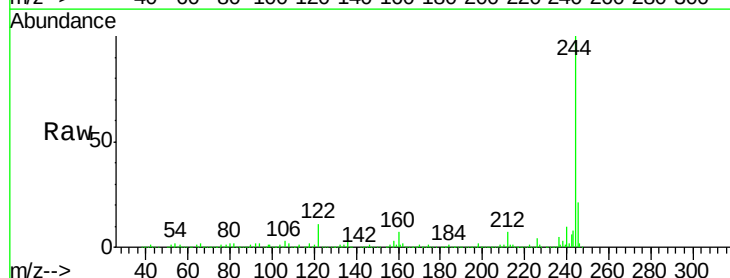
Tgt Ion:244 Resp: 3087357

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

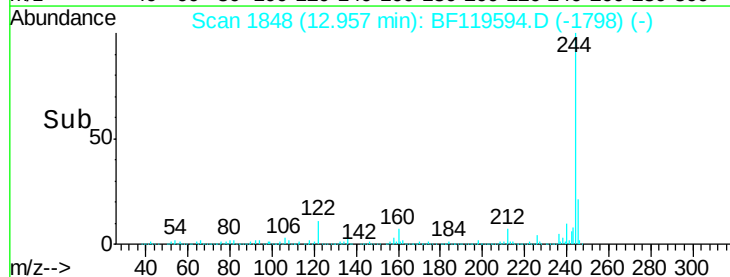
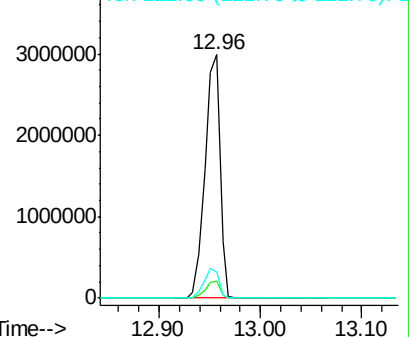
122 10.9 10.3 15.5

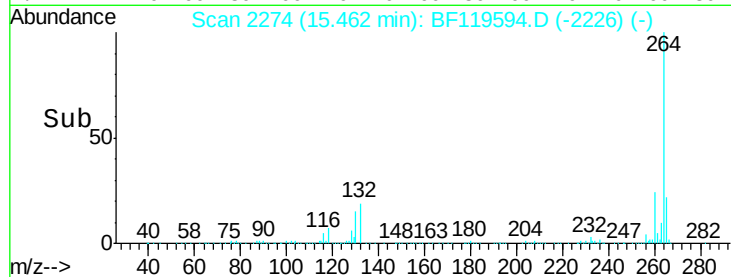
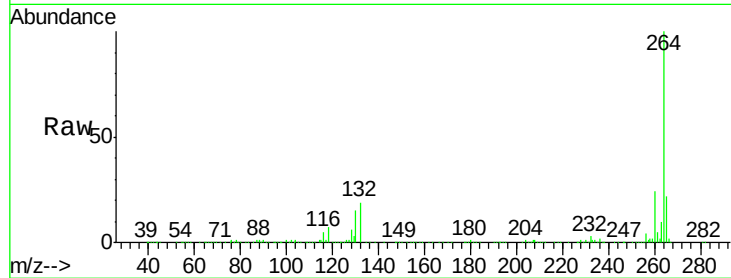
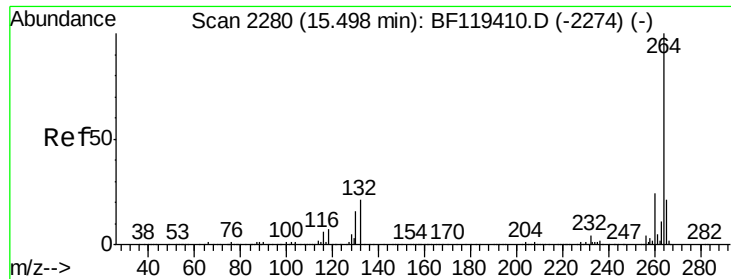


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF119594.D

Acq: 28 Mar 2020 4:13

Instrument :

BNA_F

ClientSampleId :

SB-5-(10-12)

Tgt Ion: 264 Resp: 650289

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.1 17.7 26.5

