

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118267.D
 Acq On : 18 Dec 2019 19:06
 Operator : JU
 Sample : K6357-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 19 03:10:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

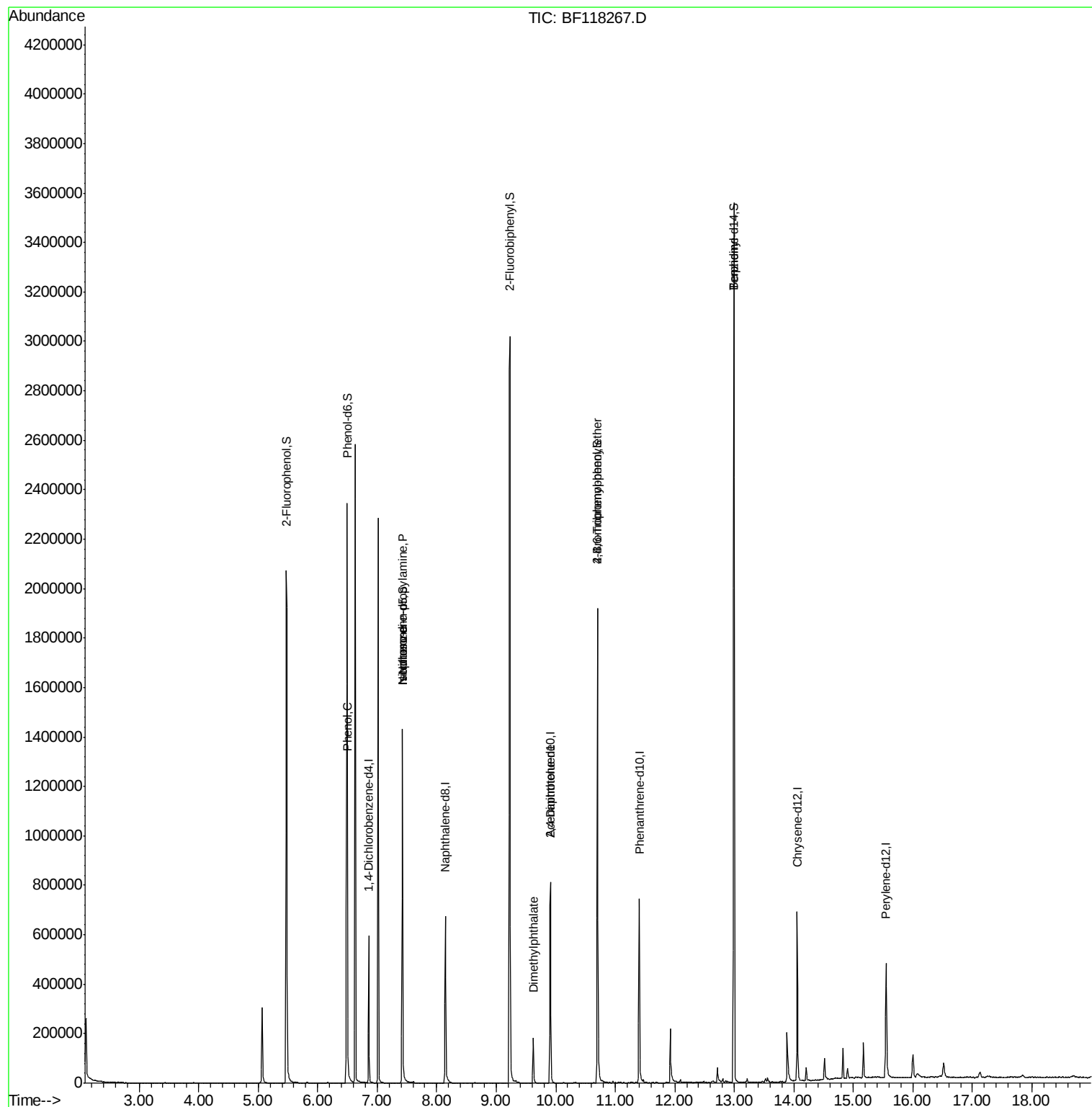
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	85590	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	338944	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	179695	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	340038	20.00	ng	0.00
76) Chrysene-d12	14.06	240	230505	20.00	ng	-0.01
87) Perylene-d12	15.55	264	209945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	641687	131.31	ng	0.00
7) Phenol-d6	6.49	99	811416	137.28	ng	0.00
23) Nitrobenzene-d5	7.42	82	480876	79.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	273169	125.14	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1009640	85.50	ng	-0.01
79) Terphenyl-d14	12.99	244	1207827	90.11	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	1575	Below Cal	Qvalue	# 1
10) Phenol	6.50	94	32045	4.754	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	63992	17.817	ng	# 79
25) Isophorone	7.42	82	480873	47.083	ng	# 62
50) Dimethylphthalate	9.62	163	90936	6.851	ng	99
57) 2,4-Dinitrotoluene	9.91	165	22493	5.839	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	16670	4.295	ng	# 1
77) Benzidine	12.99	184	16118	2.656	ng	# 93

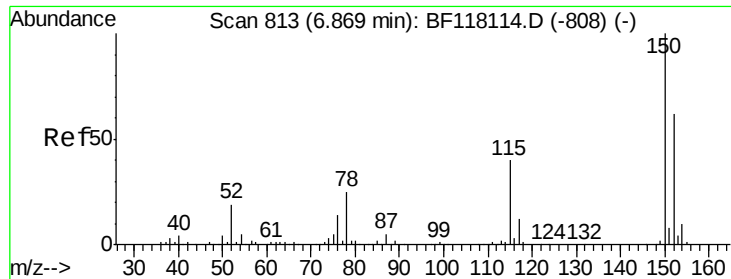
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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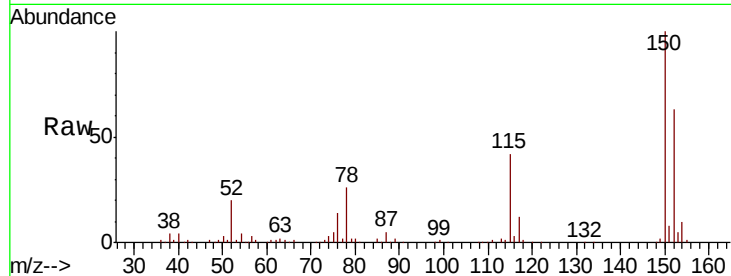


#1

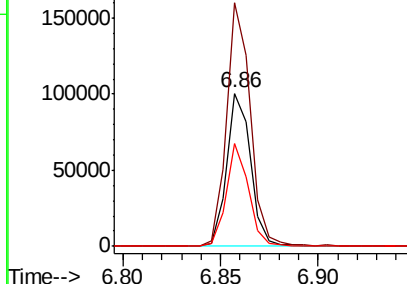
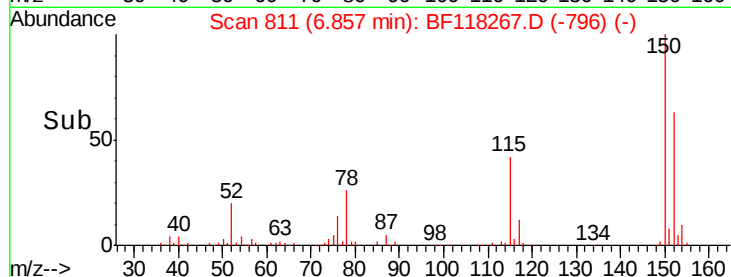
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85590
Ion Ratio Lower Upper
152 100
150 159.3 128.3 192.5
115 66.9 51.1 76.7



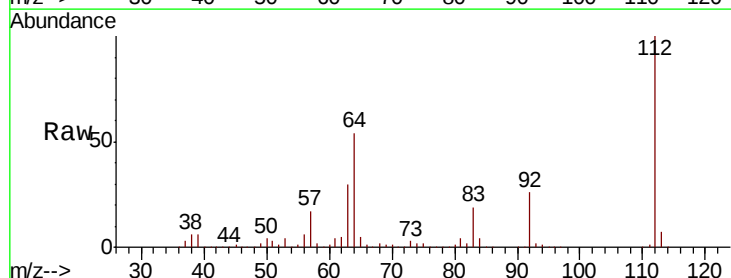
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



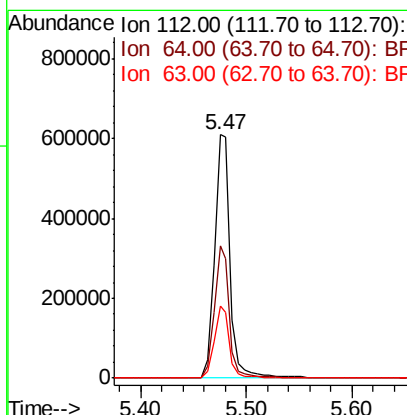
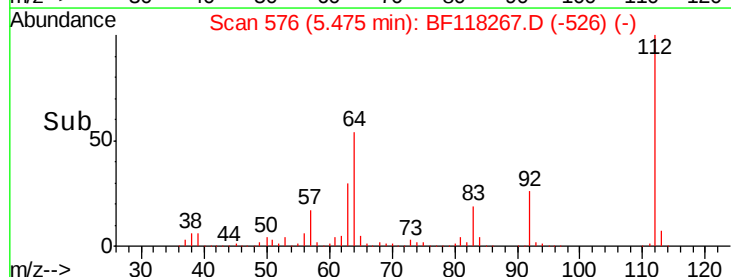
#5

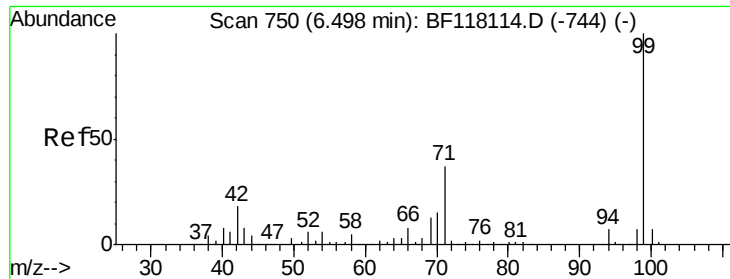
2-Fluorophenol
Concen: 131.311 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Tgt Ion:112 Resp: 641687
Ion Ratio Lower Upper
112 100
64 54.2 41.3 61.9
63 29.5 22.4 33.6



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: 137.279 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

Instrument :

BNA_F

ClientSampled :

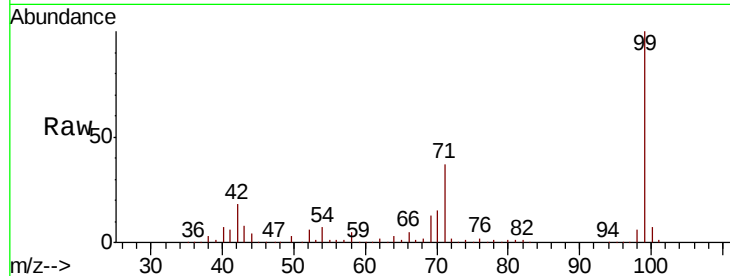
Tot Ion: 99 Resp: 811416

Ion Ratio Lower Upper

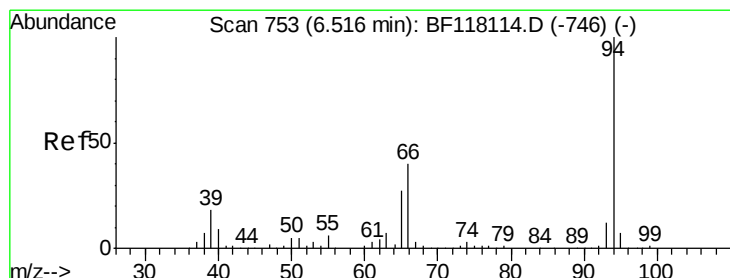
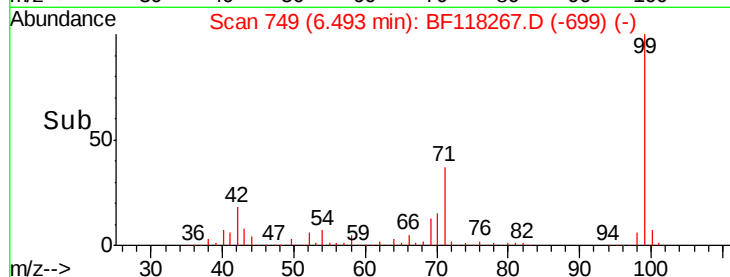
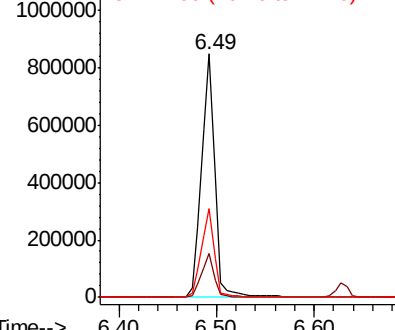
99 100

42 17.8 14.1 21.1

71 36.5 29.7 44.5



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



#10

Phenol

Concen: 4.754 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

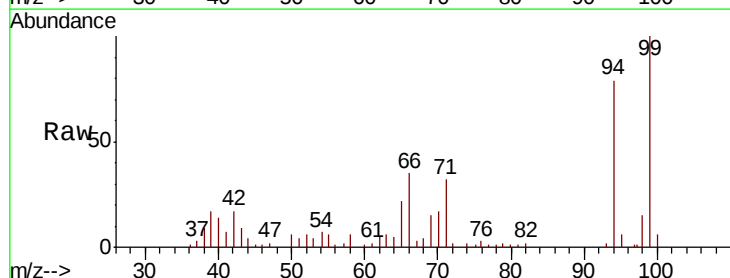
Tgt Ion: 94 Resp: 32045

Ion Ratio Lower Upper

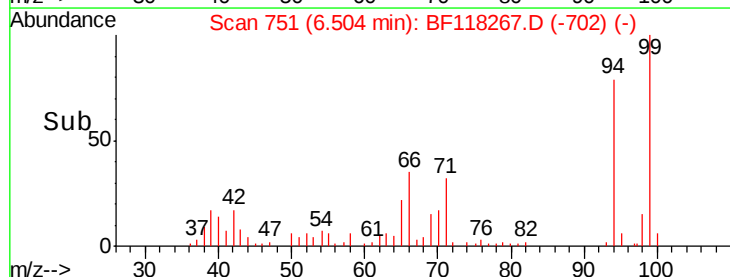
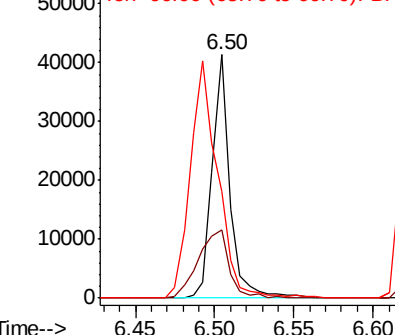
94 100

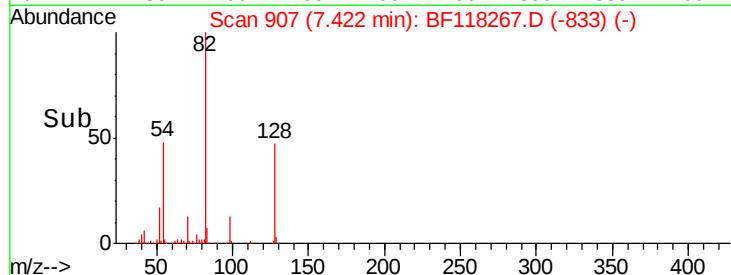
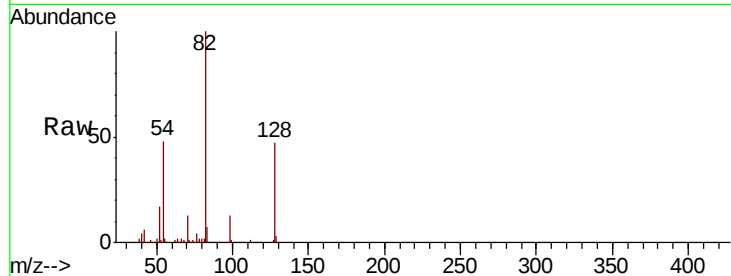
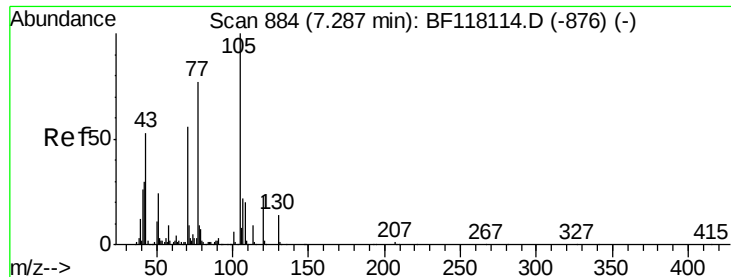
65 27.8 7.3 47.3

66 43.5 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

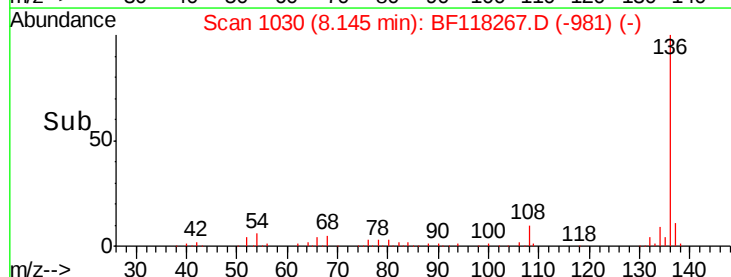
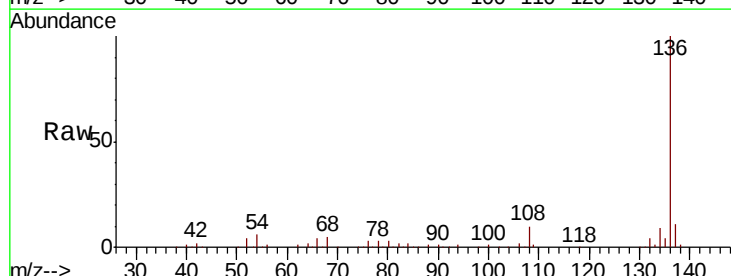
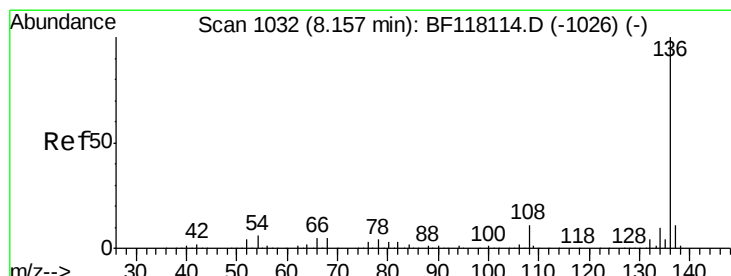
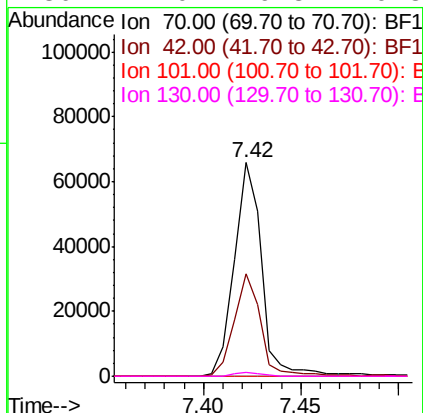




#19
n-Nitroso-di-n-propylamine
Concen: 17.817 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

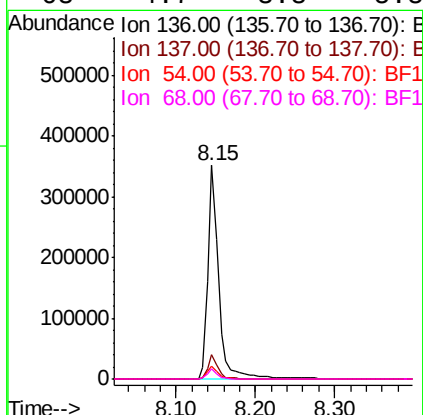
Instrument :
BNA_F
ClientSampleId :

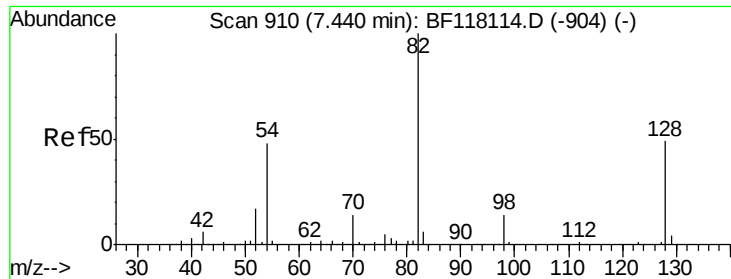
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.9	43.2	64.8
101	0.0	8.1	12.1#
130	2.0	19.8	29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.9	5.0	7.6
68	4.7	3.8	5.8

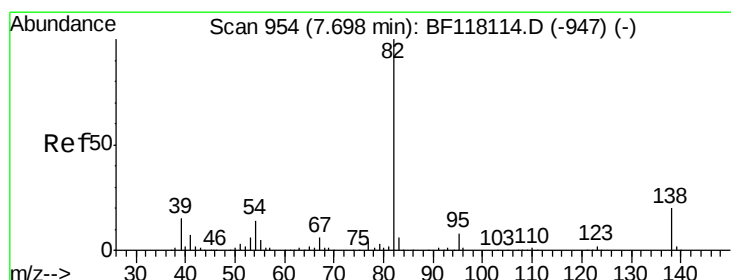
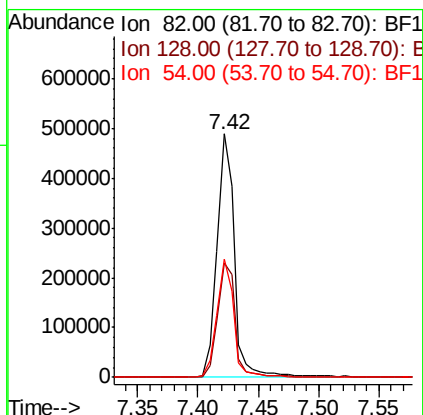
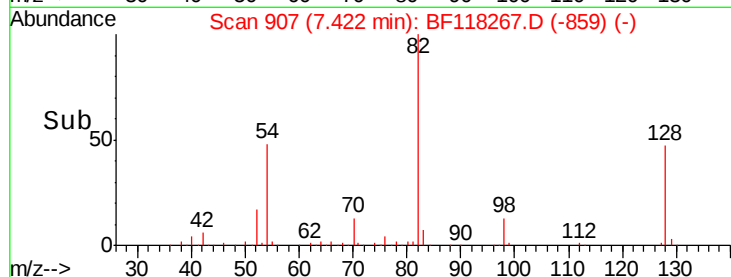
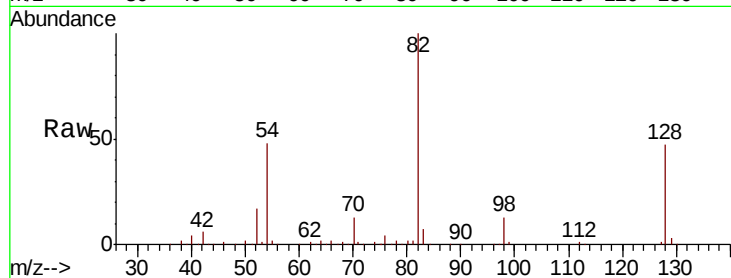




#23
 Nitrobenzene-d5
 Concen: 79.816 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118267.D
 Acq: 18 Dec 2019 19:06

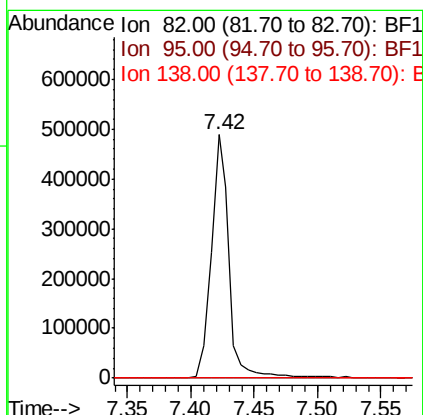
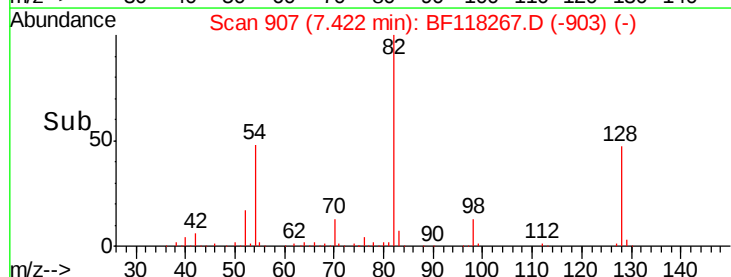
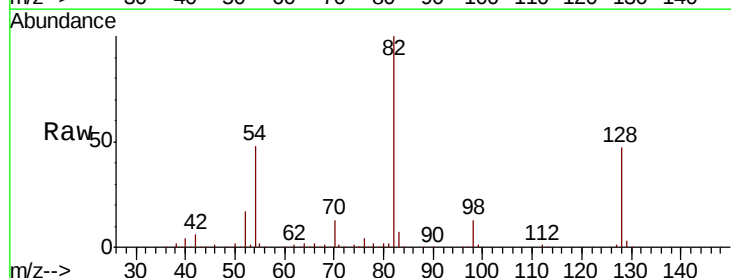
Instrument :
 BNA_F
 ClientSampleId :

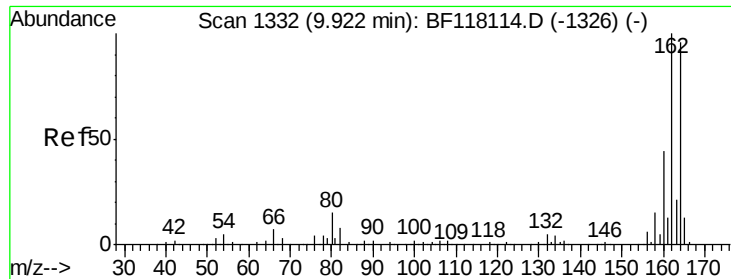
Tot Ion	82	Resp	480876
Ion Ratio	Lower	Upper	
82	100		
128	46.7	39.1	58.7
54	48.3	38.2	57.2



#25
 Isophorone
 Concen: 47.083 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.28 min
 Lab File: BF118267.D
 Acq: 18 Dec 2019 19:06

Tgt Ion	82	Resp	480873
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

Instrument :

BNA_F

ClientSampleId :

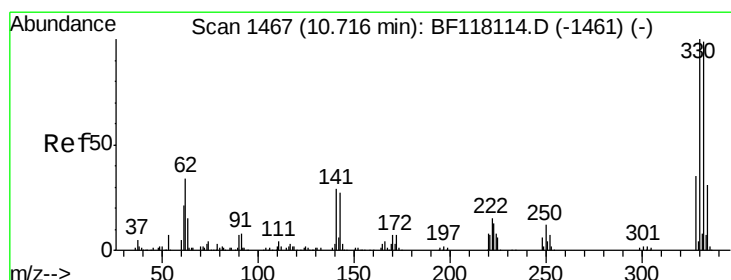
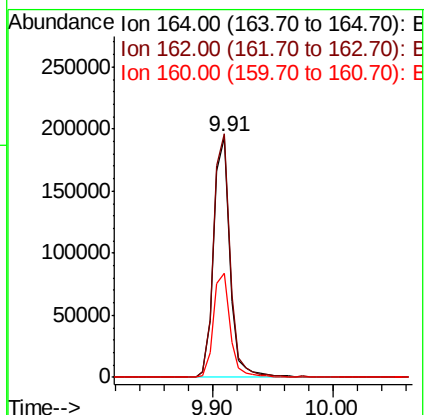
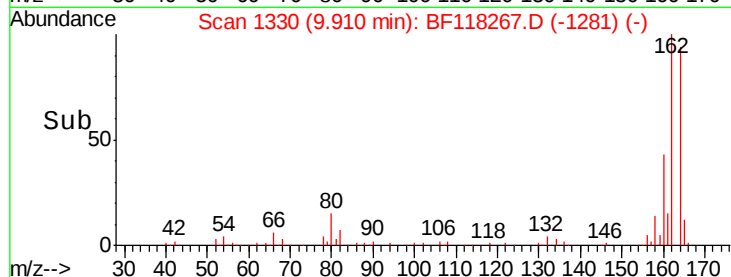
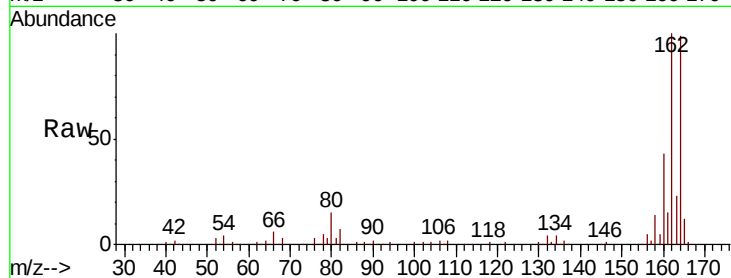
Tot Ion:164 Resp: 179695

Ion Ratio Lower Upper

164 100

162 101.5 83.4 125.0

160 43.5 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 125.137 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

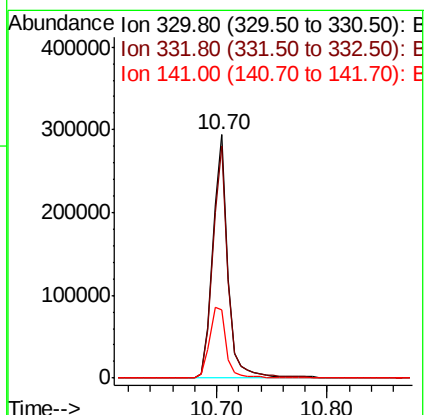
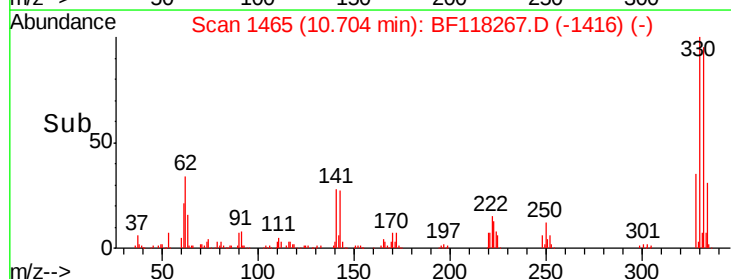
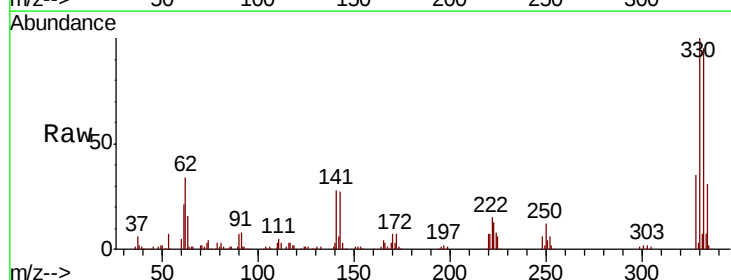
Tgt Ion:330 Resp: 273169

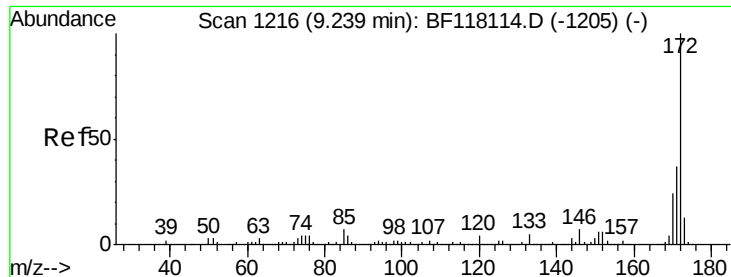
Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

141 33.1 26.9 40.3

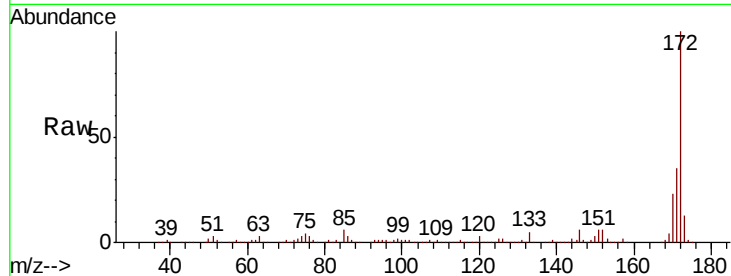




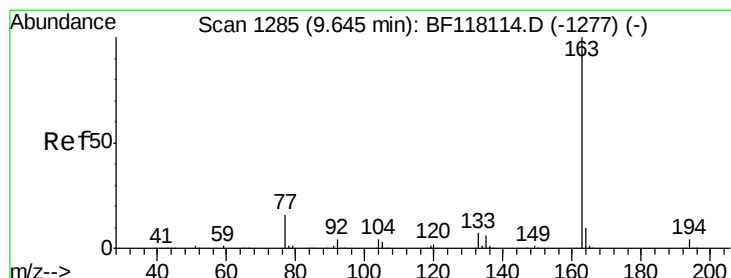
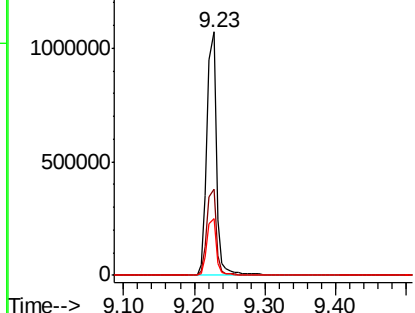
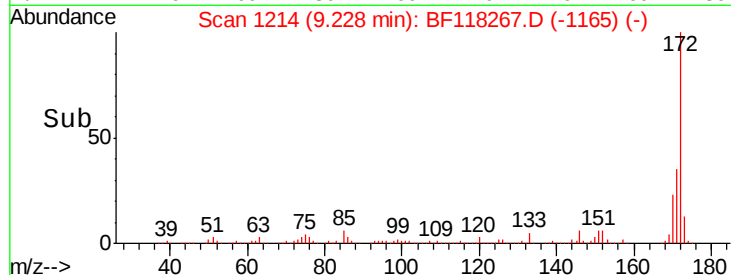
#45
2-Fluorobiphenyl
Concen: 85.496 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1009640
Ion Ratio Lower Upper
172 100
171 35.4 29.2 43.8
170 23.4 19.4 29.2

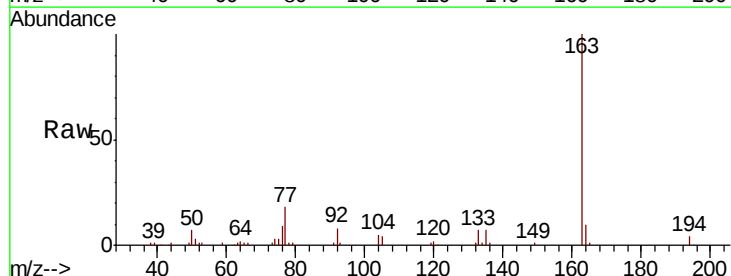


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

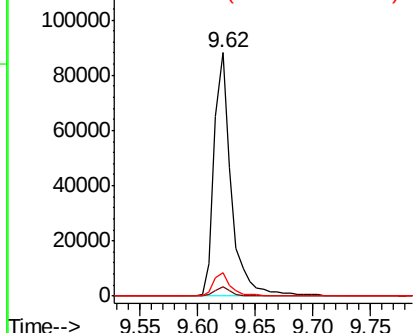
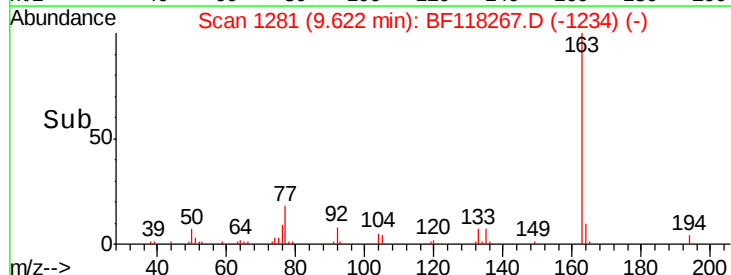


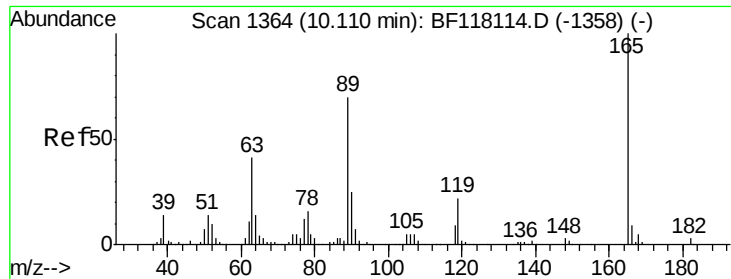
#50
Dimethylphthalate
Concen: 6.851 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Tgt Ion:163 Resp: 90936
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.8 7.7 11.5



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

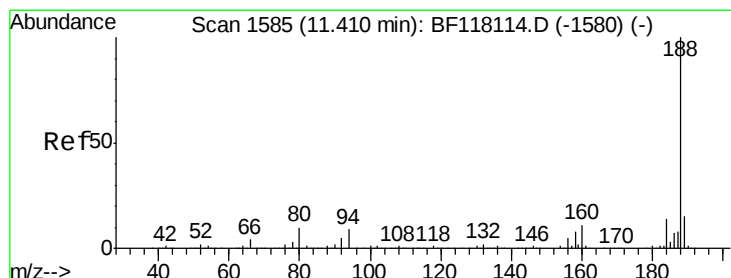
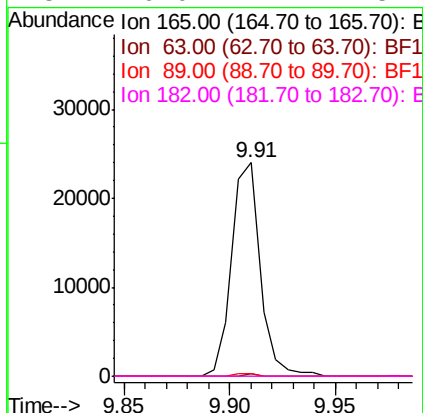
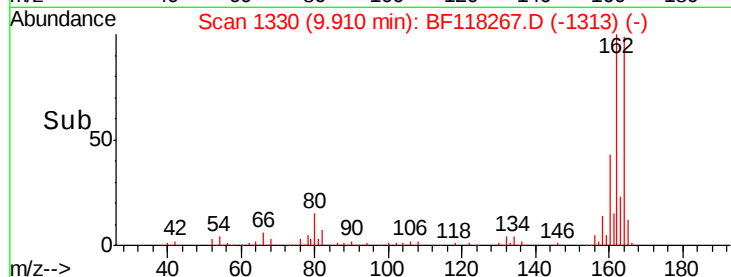
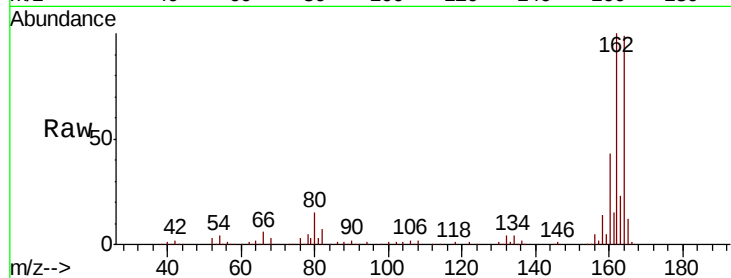




#57
 2,4-Dinitrotoluene
 Concen: 5.839 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF118267.D
 Acq: 18 Dec 2019 19:06

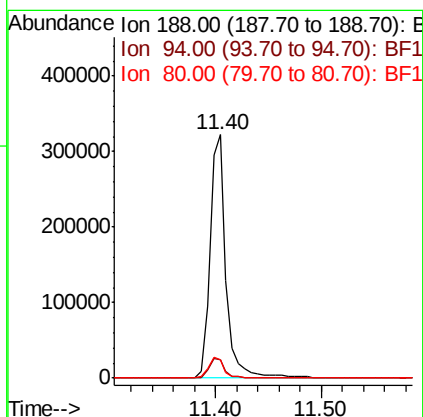
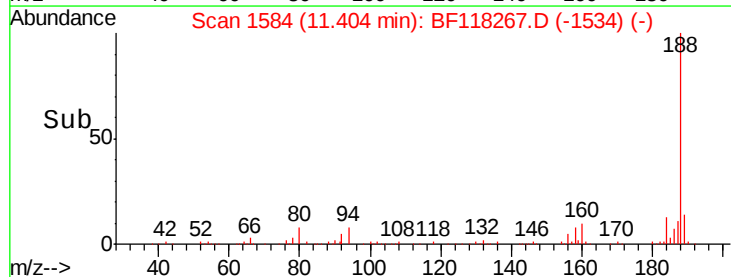
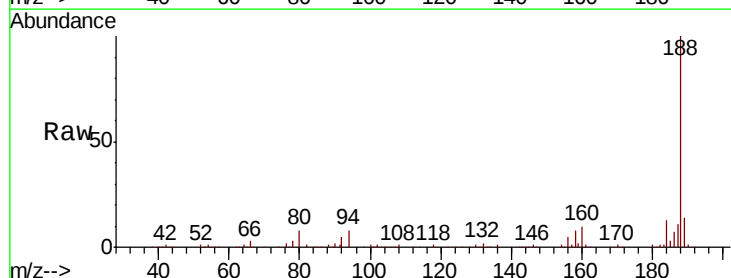
Instrument :
 BNA_F
 ClientSampleId :

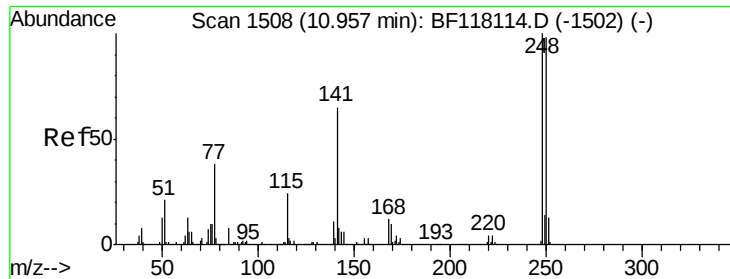
Tot Ion:165	Resp:	22493
Ion Ratio	Lower	Upper
165	100	
63	1.4	32.6 49.0#
89	1.5	56.1 84.1#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118267.D
 Acq: 18 Dec 2019 19:06

Tgt Ion:188	Resp:	340038
Ion Ratio	Lower	Upper
188	100	
94	7.6	7.1 10.7
80	7.7	7.9 11.9#

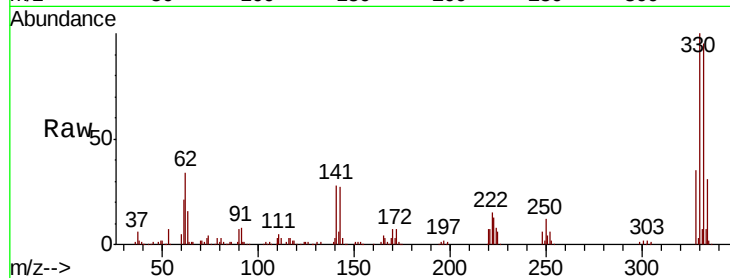




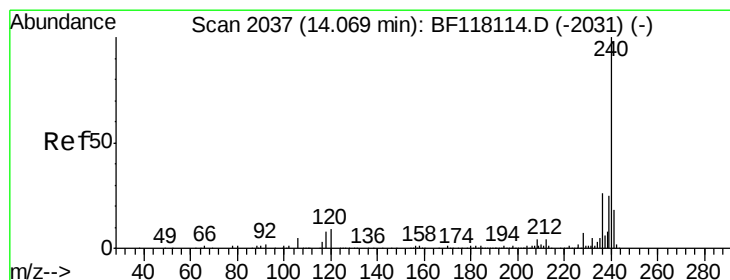
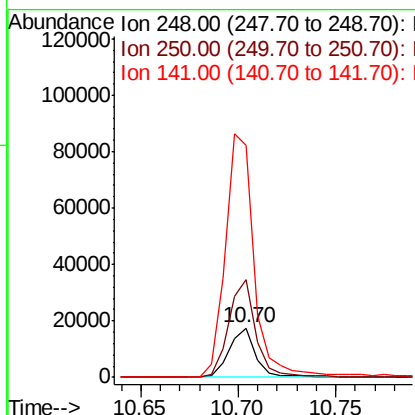
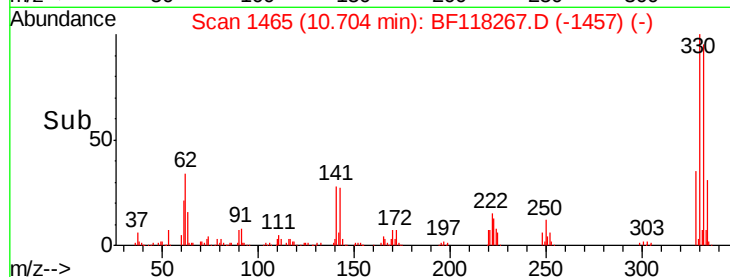
#67
4-Bromophenyl-phenylether
Concen: 4.295 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16670
Ion Ratio Lower Upper
248 100
250 198.5 78.3 117.5#
141 469.3 52.2 78.4#

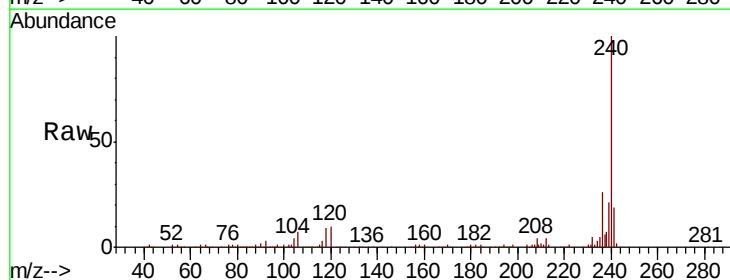


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

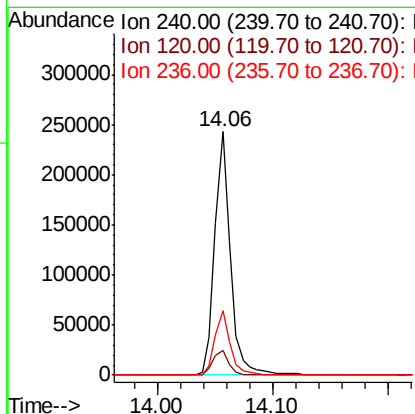
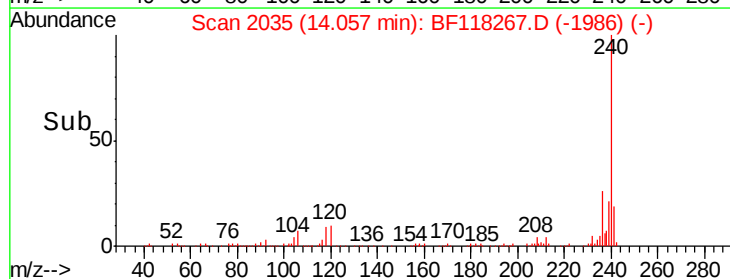


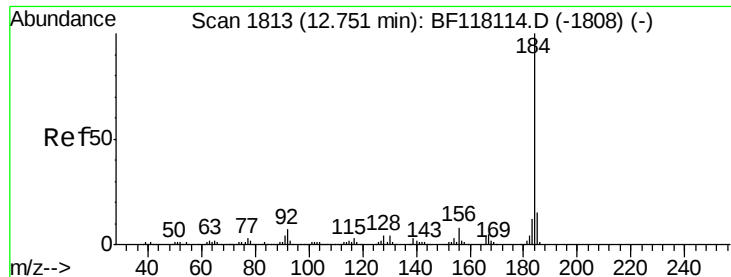
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Tgt Ion:240 Resp: 230505
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.4 21.0 31.6



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





#77

Benzidine

Concen: 2.656 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.24 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

Instrument :

BNA_F

ClientSampleId :

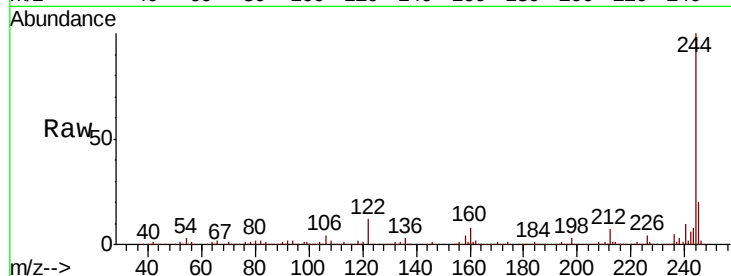
Tot Ion:184 Resp: 16118

Ion Ratio Lower Upper

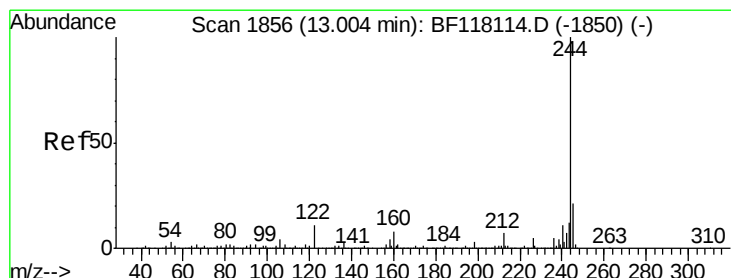
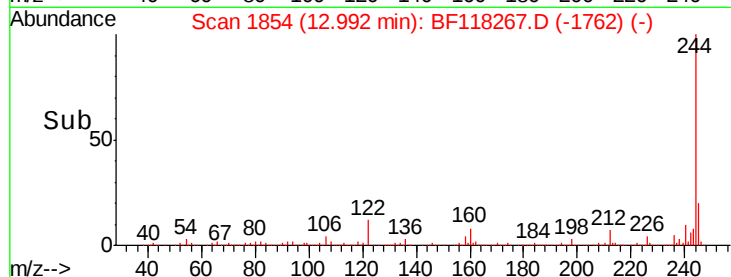
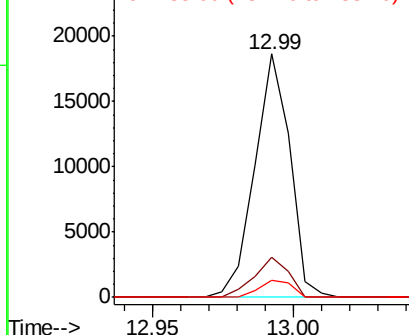
184 100

185 16.3 12.3 18.5

183 6.9 9.9 14.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 90.107 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

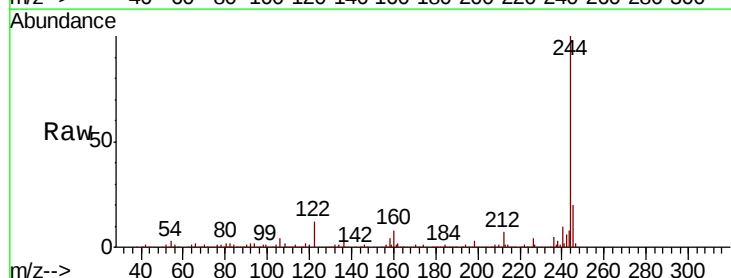
Tgt Ion:244 Resp: 1207827

Ion Ratio Lower Upper

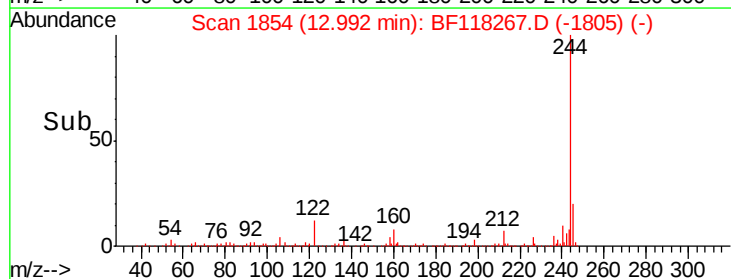
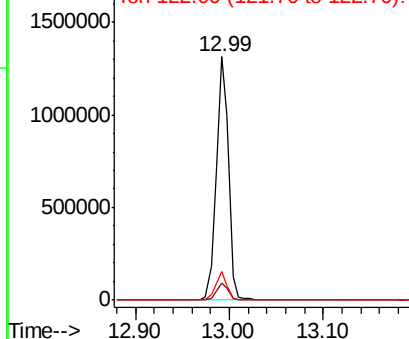
244 100

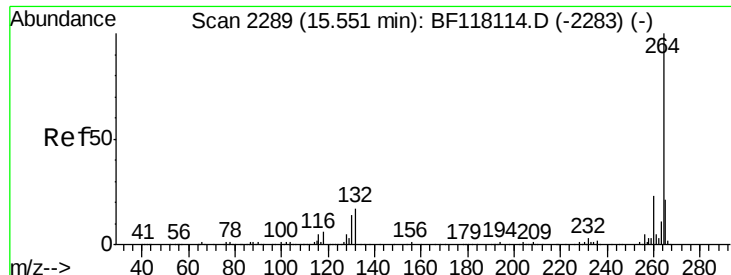
212 6.9 5.9 8.9

122 12.0 9.0 13.6



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BF118267.D
 Acq: 18 Dec 2019 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	23.2	16.8	25.2

