

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118217.D
 Acq On : 17 Dec 2019 00:54
 Operator : JU
 Sample : K6267-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 04:40:46 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

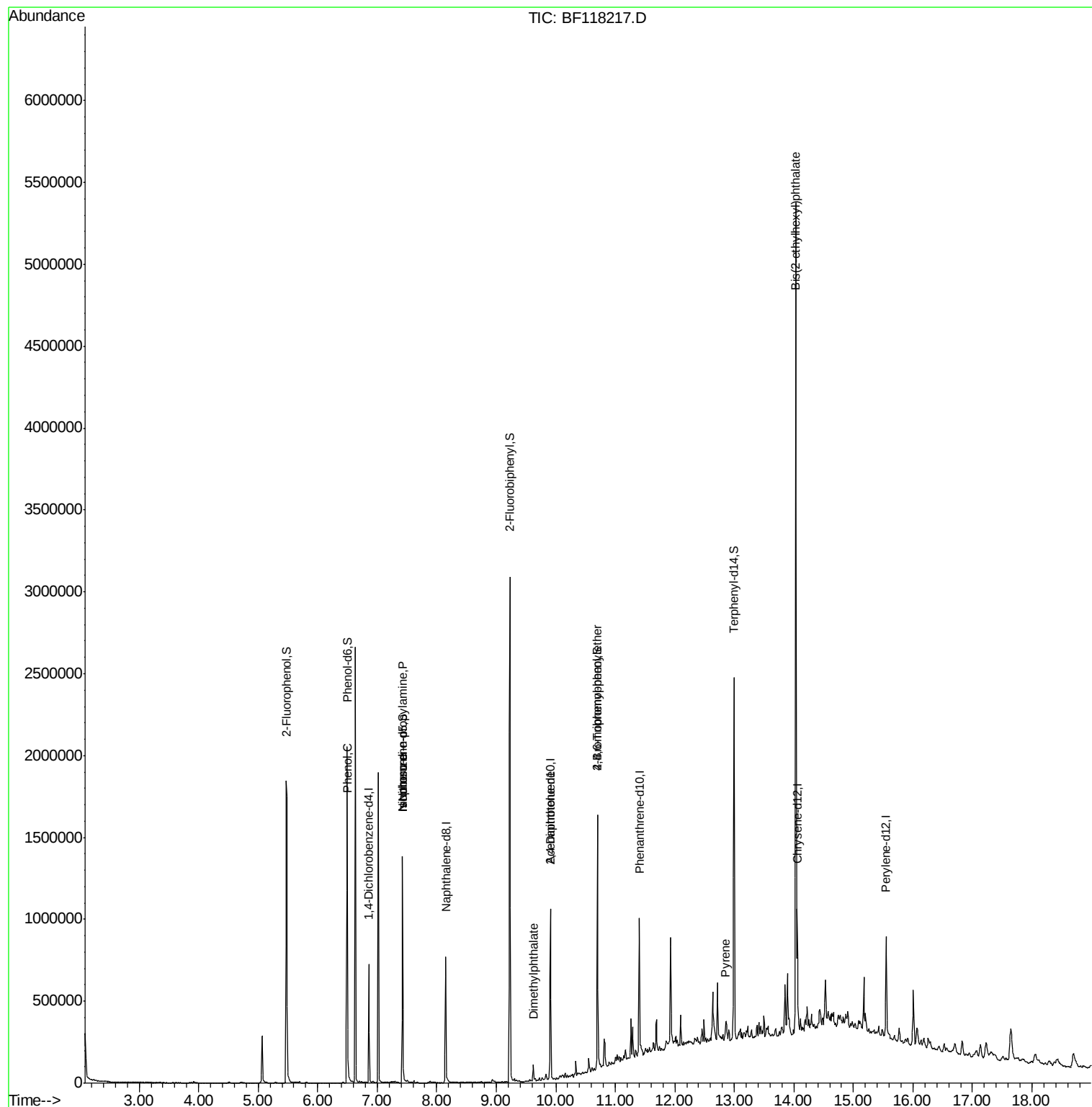
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	99178	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	383793	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	191172	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	312552	20.00	ng	0.00
76) Chrysene-d12	14.06	240	215252	20.00	ng	-0.01
87) Perylene-d12	15.55	264	264789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	575274	101.59	ng	0.00
7) Phenol-d6	6.49	99	726336	106.05	ng	0.00
23) Nitrobenzene-d5	7.43	82	425809	62.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	206177	88.78	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	881585	70.17	ng	-0.01
79) Terphenyl-d14	12.99	244	760712	60.77	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.42	77	1120	Below Cal		Qvalue # 79
10) Phenol	6.50	94	24732	3.166	ng	85
19) n-Nitroso-di-n-propylamine	7.43	70	58537	14.065	ng	# 76
25) Isophorone	7.43	82	422945	36.572	ng	# 62
50) Dimethylphthalate	9.62	163	37012	2.621	ng	98
57) 2,4-Dinitrotoluene	9.91	165	25566	6.238	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	13098	3.671	ng	# 1
78) Pyrene	12.85	202	37166	2.191	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	1474173	145.529	ng	99

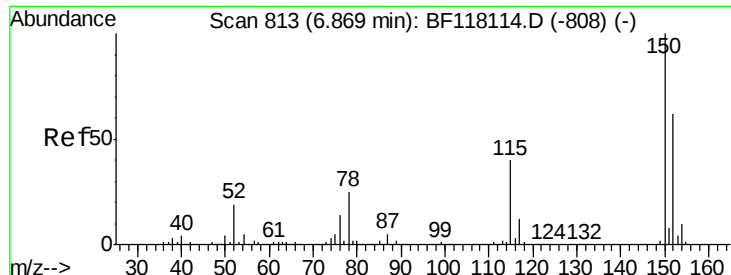
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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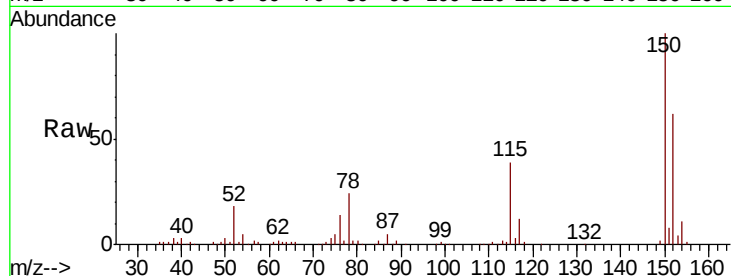


#1

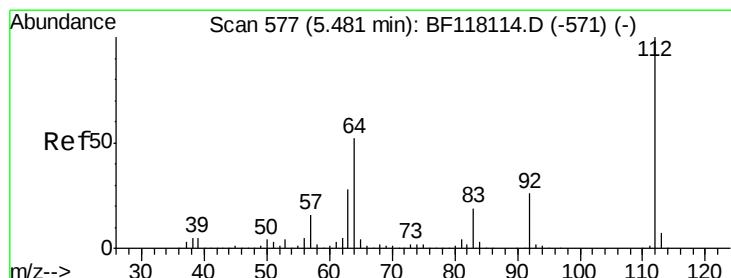
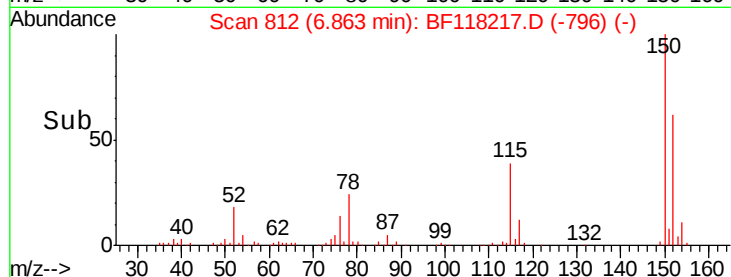
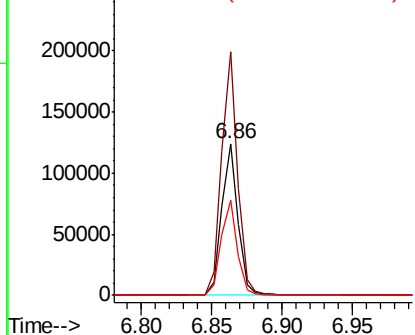
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118217.D
Acq: 17 Dec 2019 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99178
Ion Ratio Lower Upper
152 100
150 160.5 128.3 192.5
115 62.6 51.1 76.7



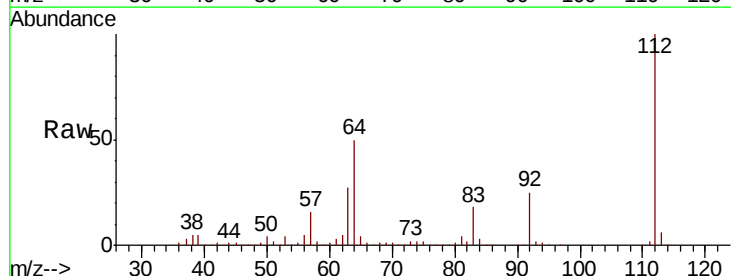
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



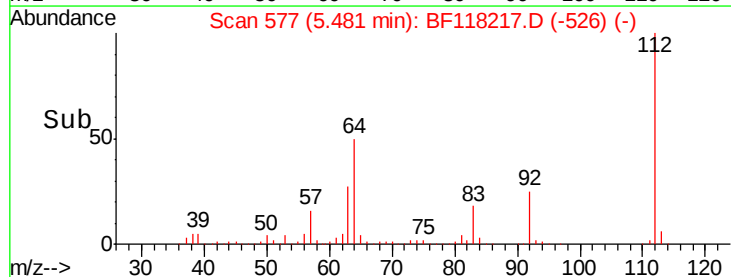
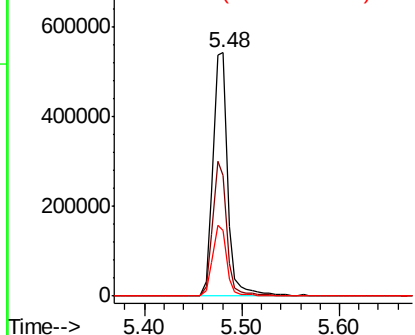
#5

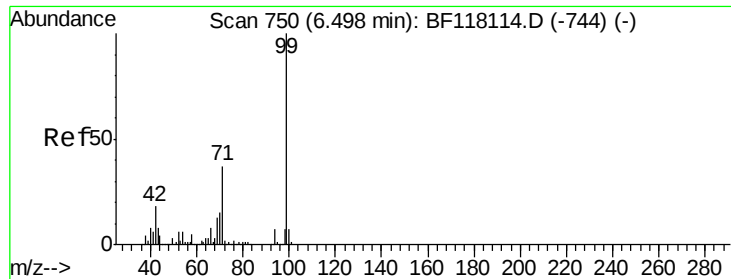
2-Fluorophenol
Concen: 101.592 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF118217.D
Acq: 17 Dec 2019 00:54

Tgt Ion:112 Resp: 575274
Ion Ratio Lower Upper
112 100
64 49.5 41.3 61.9
63 27.1 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: 106.049 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118217.D

Acq: 17 Dec 2019 00:54

Instrument :

BNA_F

ClientSampleId :

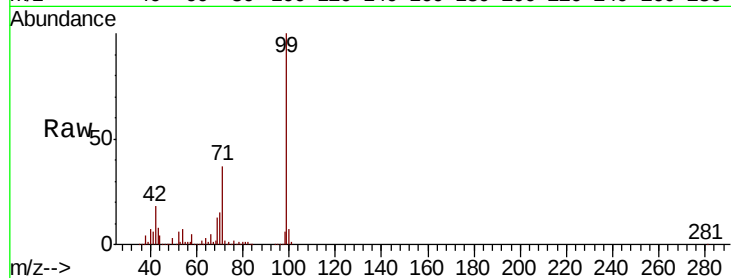
Tot Ion: 99 Resp: 726336

Ion Ratio Lower Upper

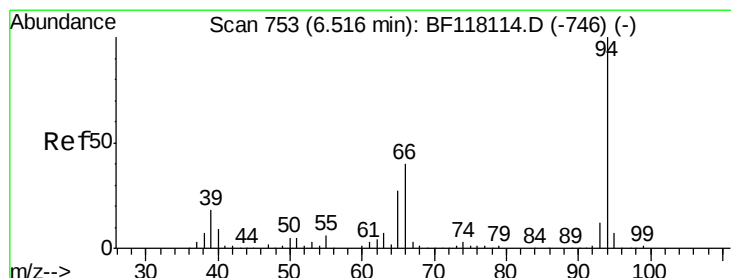
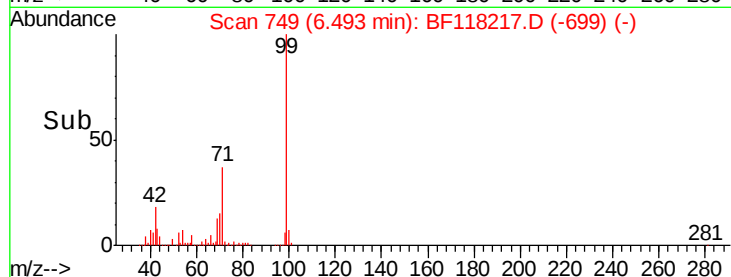
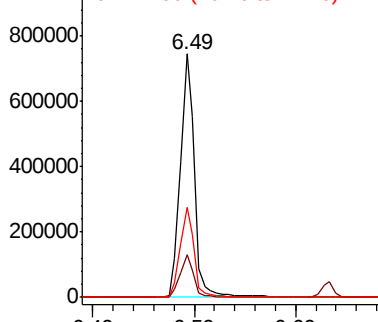
99 100

42 17.8 14.1 21.1

71 37.0 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: 3.166 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118217.D

Acq: 17 Dec 2019 00:54

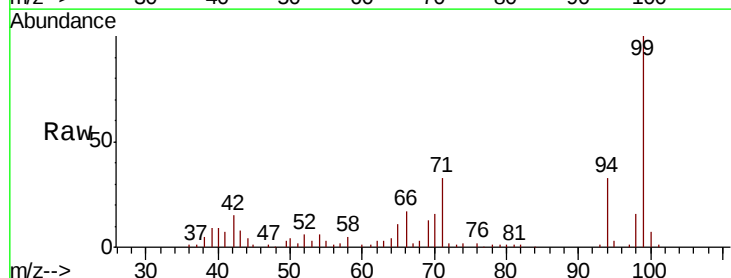
Tgt Ion: 94 Resp: 24732

Ion Ratio Lower Upper

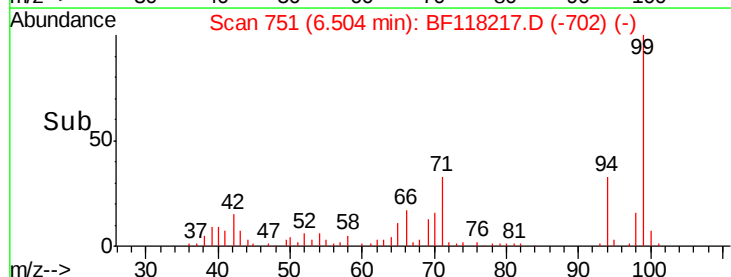
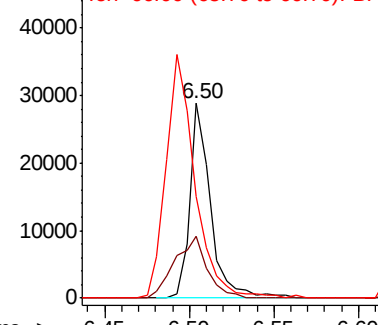
94 100

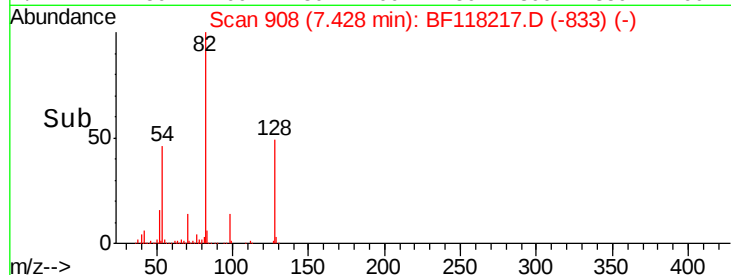
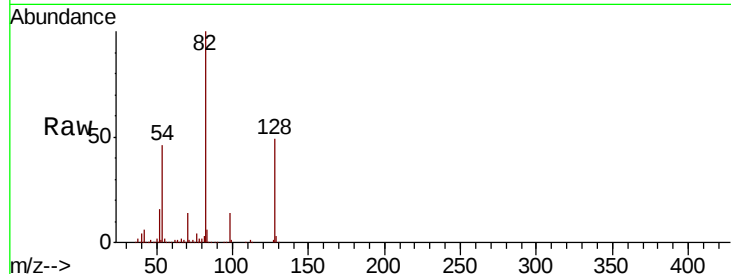
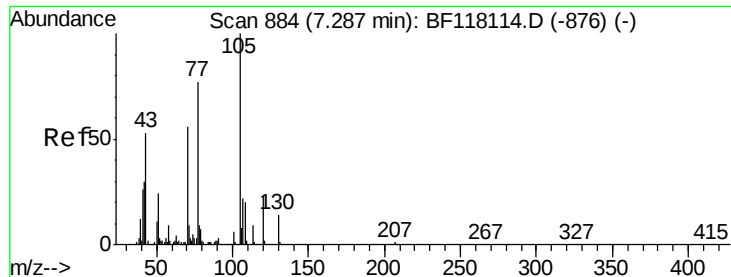
65 31.9 7.3 47.3

66 52.2 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

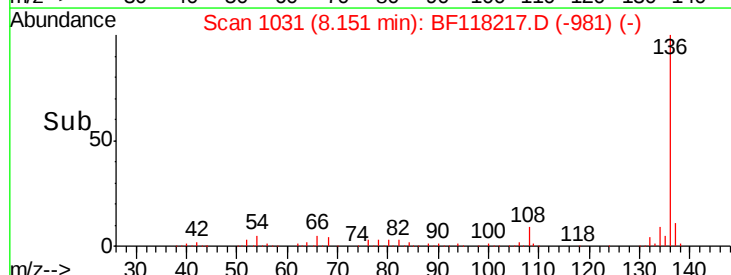
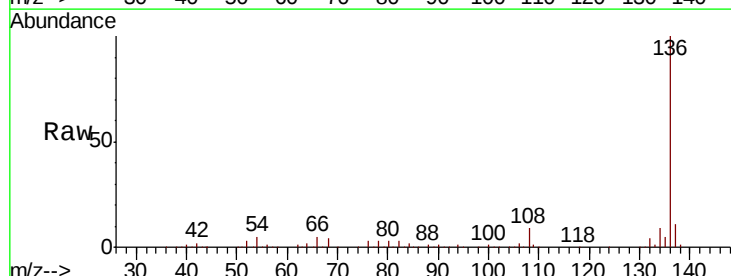
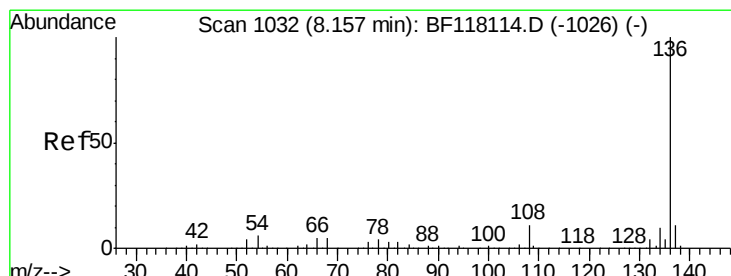
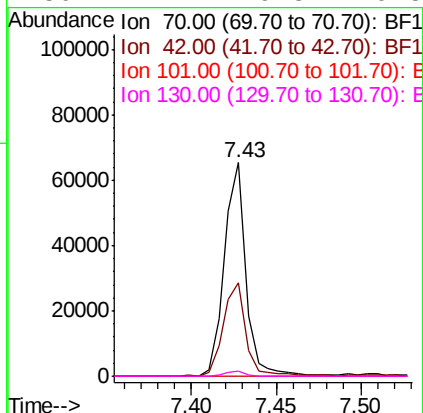




#19
n-Nitroso-di-n-propylamine
Concen: 14.065 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118217.D
Acq: 17 Dec 2019 00:54

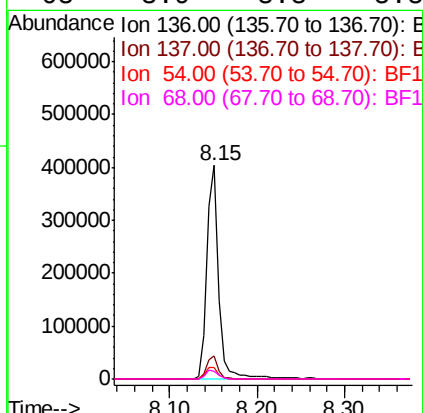
Instrument :
BNA_F
ClientSampleId :

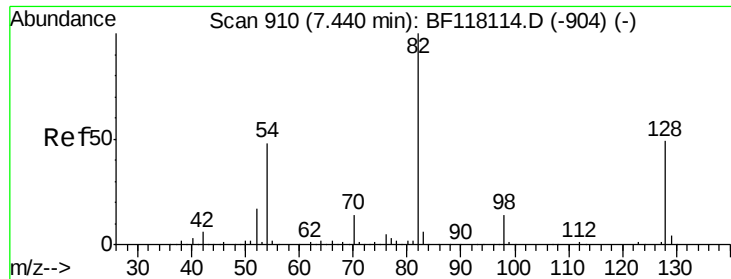
Tot Ion:	70	Resp:	58537
Ion Ratio	Lower	Upper	
70	100		
42	43.7	43.2	64.8
101	0.0	8.1	12.1#
130	2.2	19.8	29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118217.D
Acq: 17 Dec 2019 00:54

Tgt Ion:	136	Resp:	383793
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	5.3	5.0	7.6
68	3.9	3.8	5.8

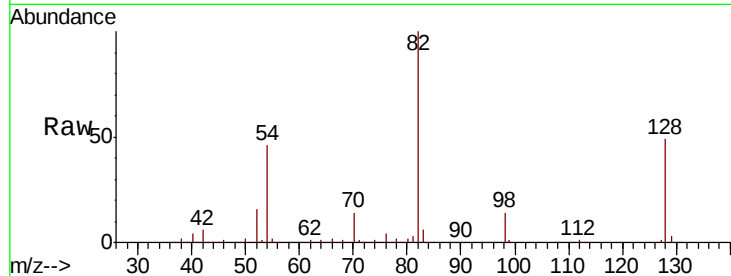




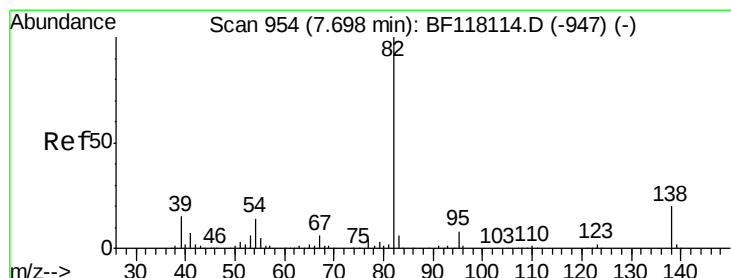
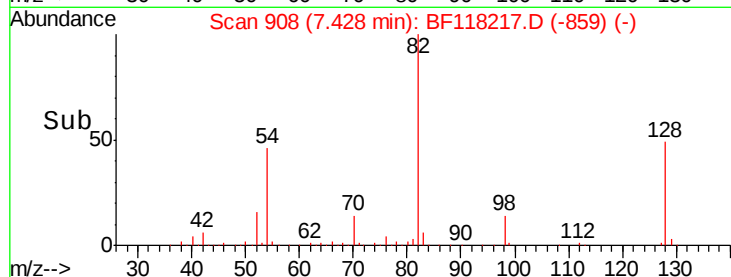
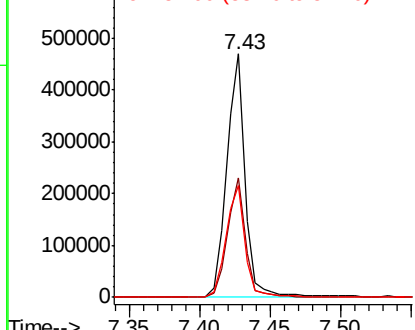
#23
Nitrobenzene-d5
Concen: 62.417 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118217.D
Acq: 17 Dec 2019 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 425809
Ion Ratio Lower Upper
82 100
128 48.9 39.1 58.7
54 46.1 38.2 57.2

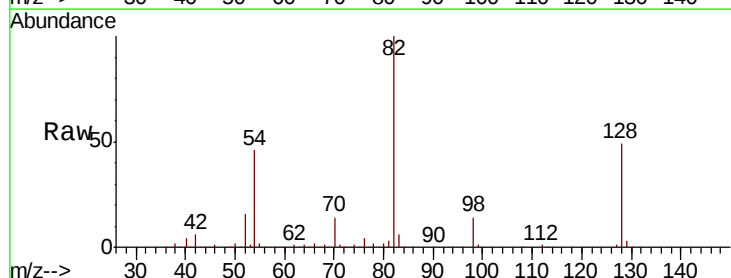


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

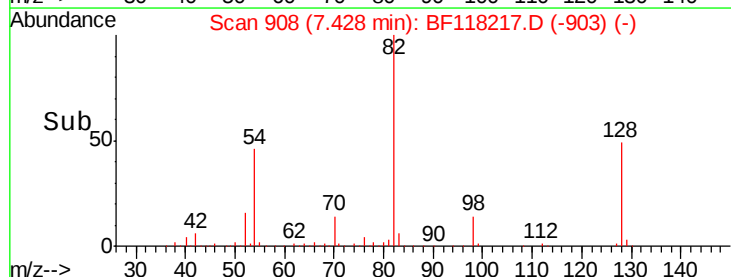
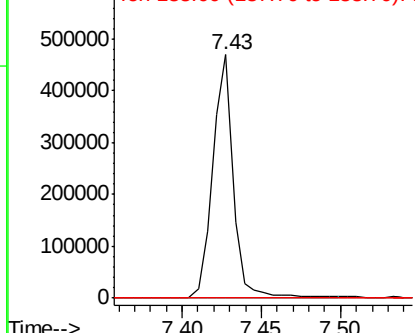


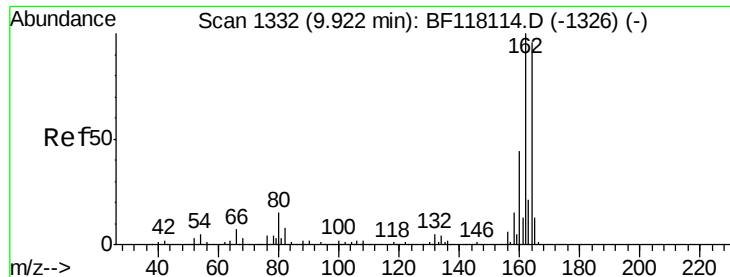
#25
Isophorone
Concen: 36.572 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118217.D
Acq: 17 Dec 2019 00:54

Tgt Ion: 82 Resp: 422945
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.3 24.5#



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

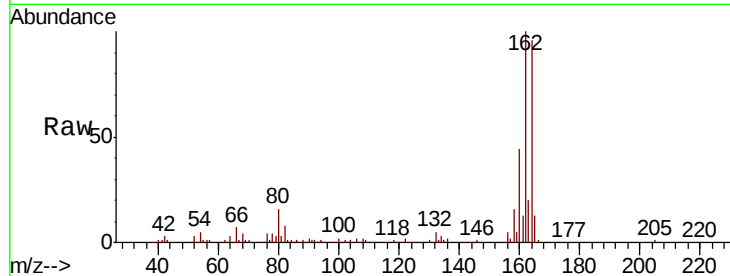




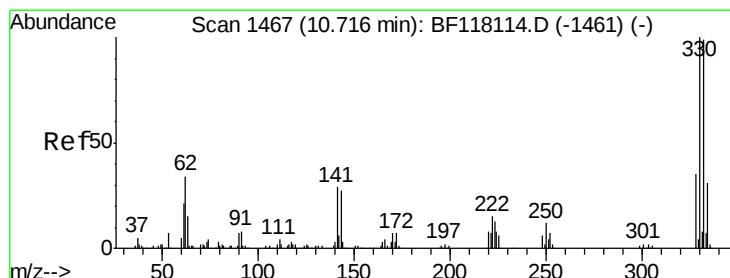
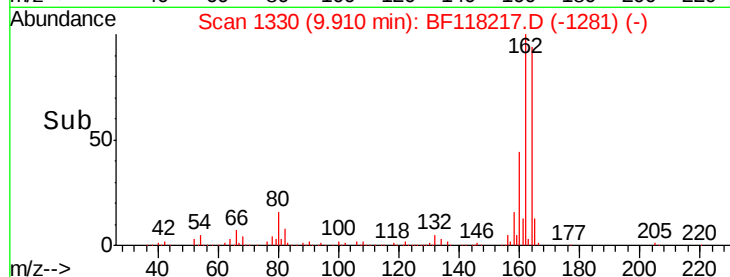
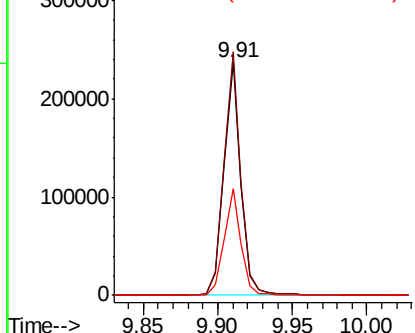
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118217.D
 Acq: 17 Dec 2019 00:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 191172
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.4 125.0
 160 45.7 36.6 54.8

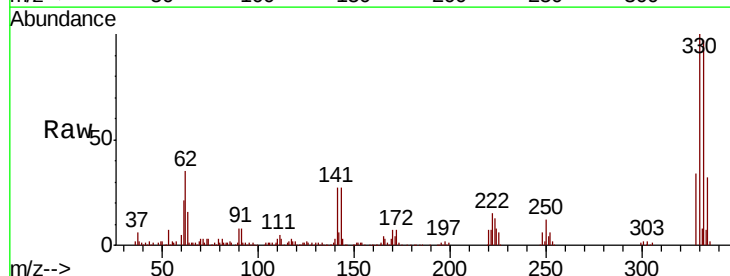


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

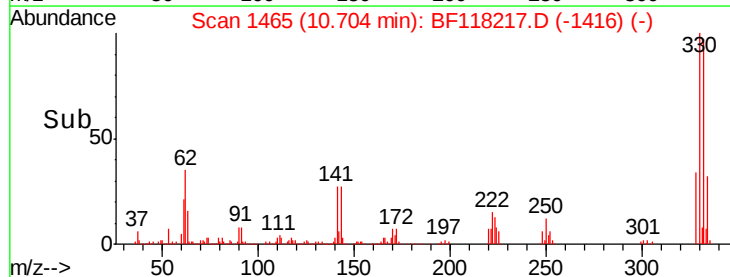
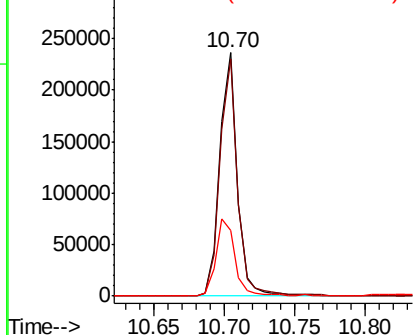


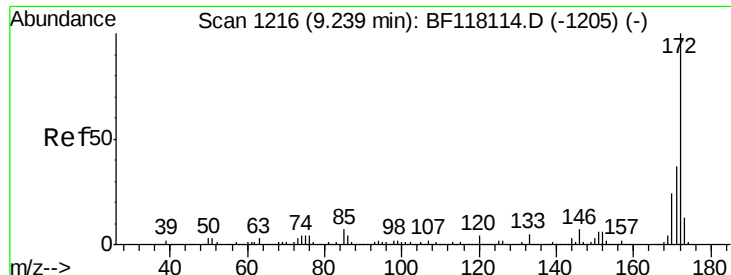
#42
 2,4,6-Tribromophenol
 Concen: 88.778 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118217.D
 Acq: 17 Dec 2019 00:54

Tgt Ion:330 Resp: 206177
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.1 117.1
 141 33.7 26.9 40.3



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

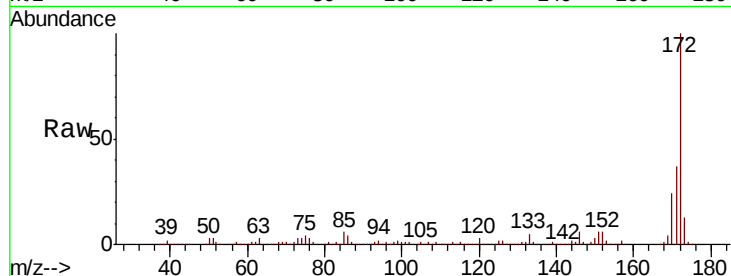




#45
2-Fluorobiphenyl
Concen: 70.170 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118217.D
Acq: 17 Dec 2019 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.2	43.8
170	23.7	19.4	29.2

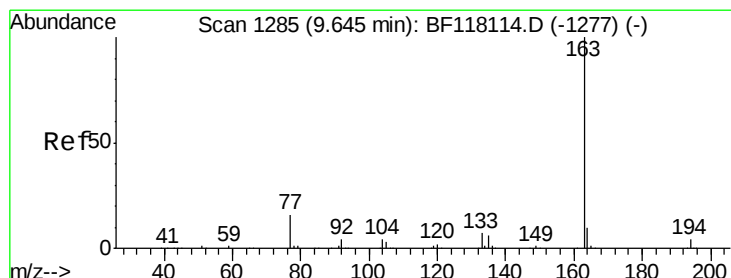
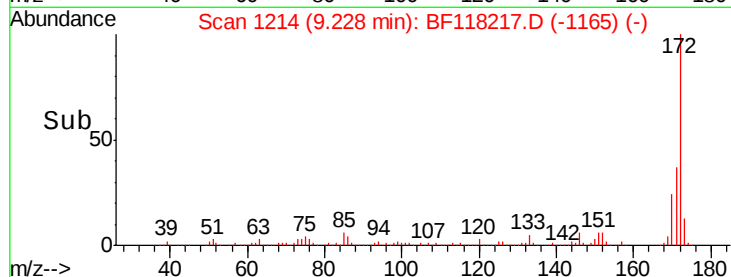
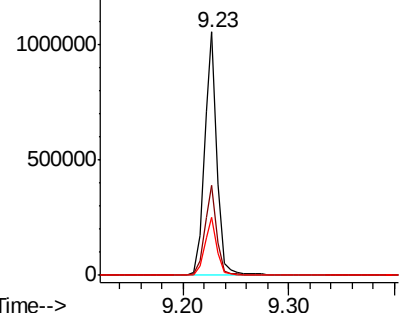


Abundance

Ion 172.00 (171.70 to 172.70): E

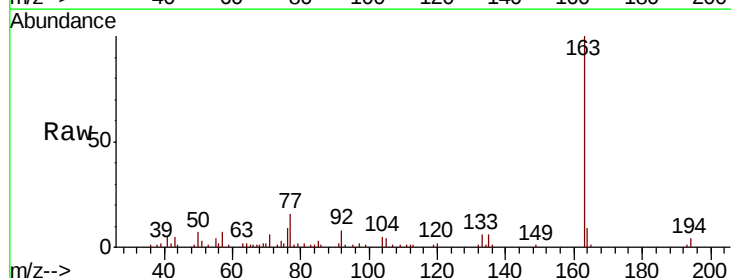
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 2.621 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118217.D
Acq: 17 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	8.8	7.7	11.5

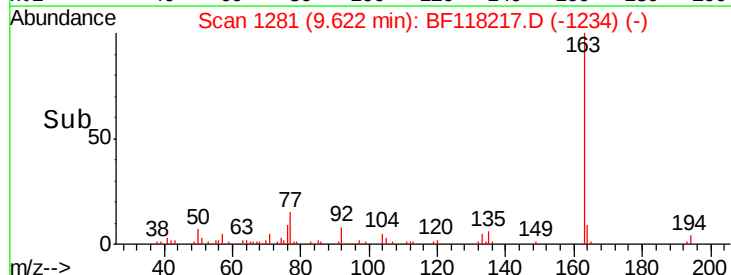
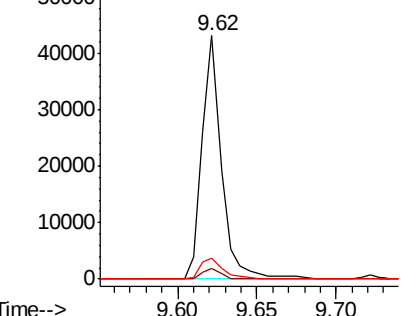


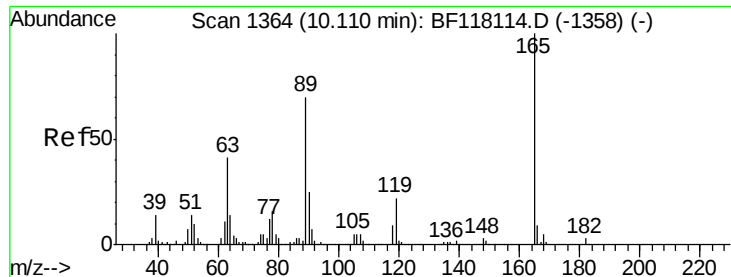
Abundance

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

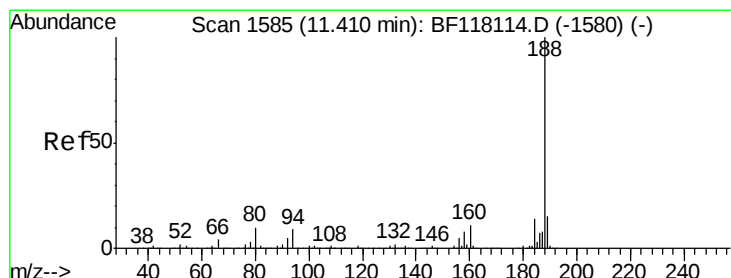
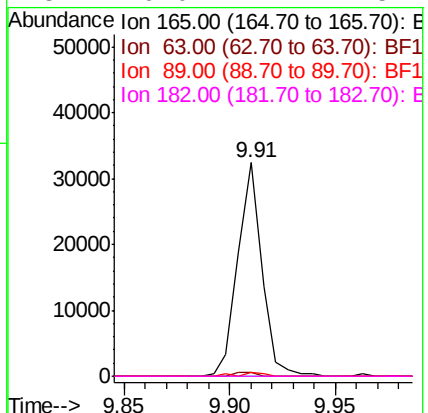
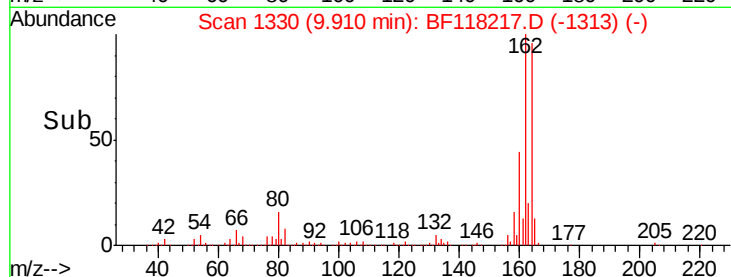
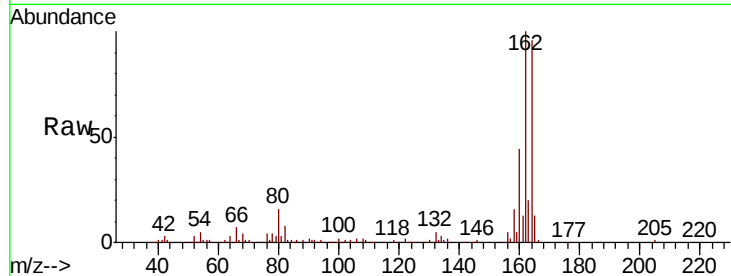




#57
 2,4-Dinitrotoluene
 Concen: 6.238 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF118217.D
 Acq: 17 Dec 2019 00:54

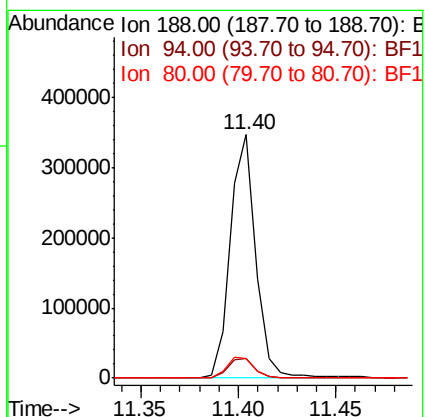
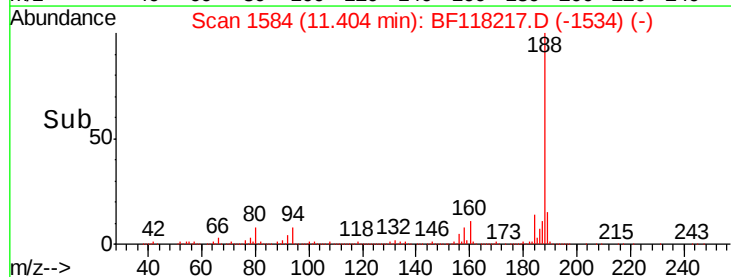
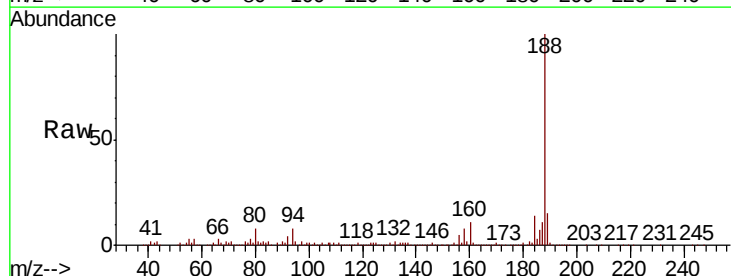
Instrument :
 BNA_F
 ClientSampleId :

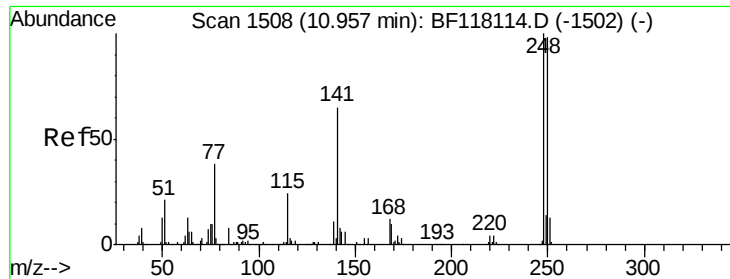
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	32.6	49.0#
89	1.7	56.1	84.1#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118217.D
 Acq: 17 Dec 2019 00:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.3	7.9	11.9





#67

4-Bromophenyl-phenylether

Concen: 3.671 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF118217.D

Acq: 17 Dec 2019 00:54

Instrument :

BNA_F

ClientSampleId :

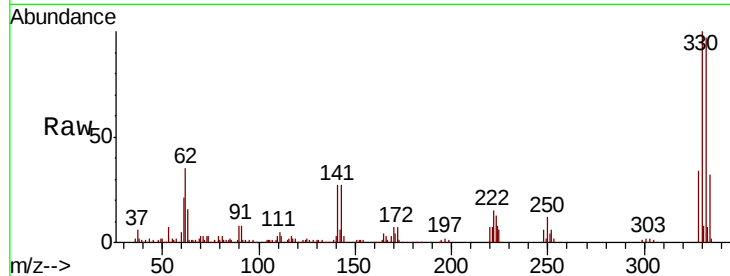
Tot Ion:248 Resp: 13098

Ion Ratio Lower Upper

248 100

250 199.3 78.3 117.5#

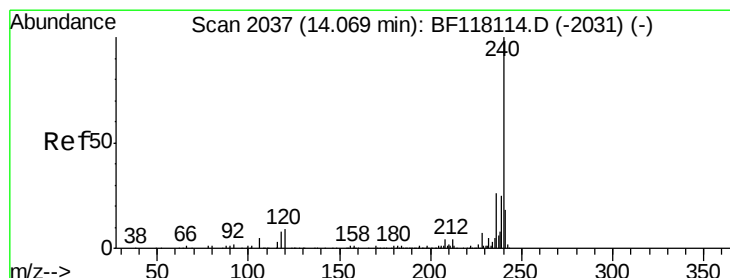
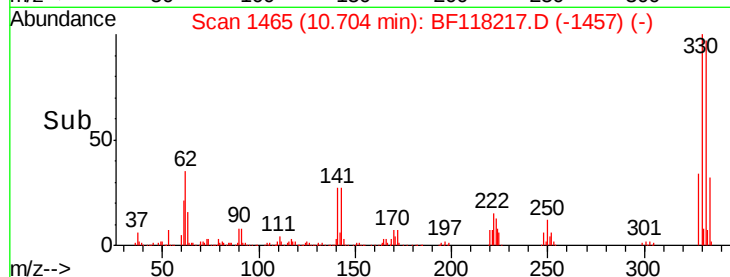
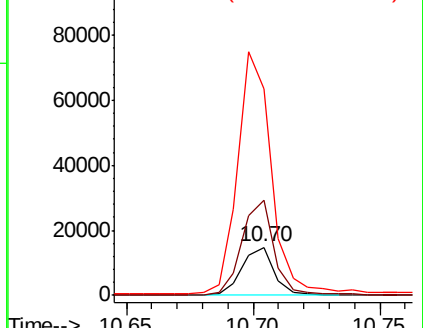
141 431.7 52.2 78.4#



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: BF118217.D

Acq: 17 Dec 2019 00:54

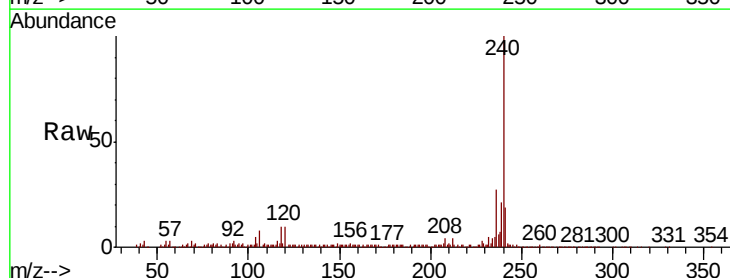
Tgt Ion:240 Resp: 215252

Ion Ratio Lower Upper

240 100

120 10.2 7.1 10.7

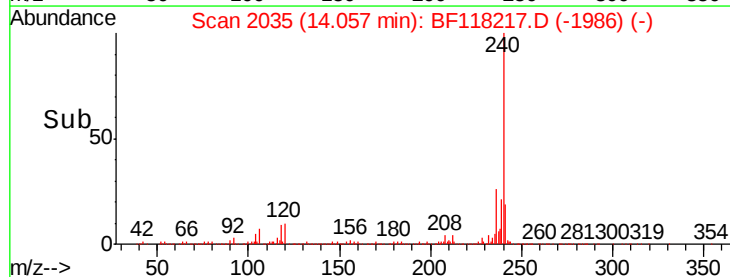
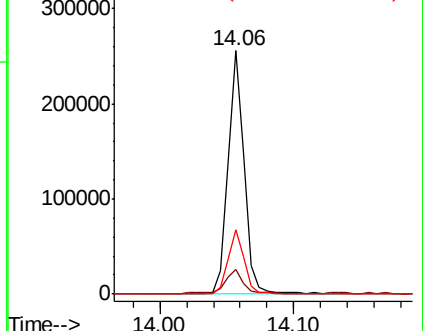
236 26.6 21.0 31.6

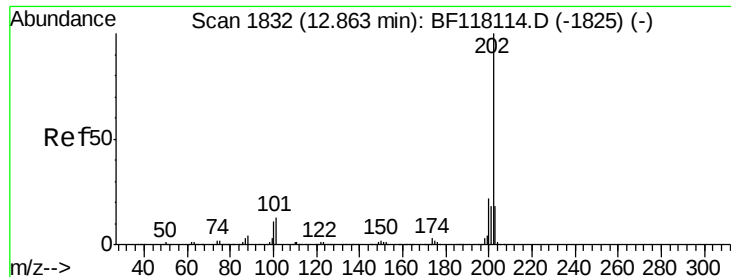


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.191 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118217.D

Acq: 17 Dec 2019 00:54

Instrument :

BNA_F

ClientSampled :

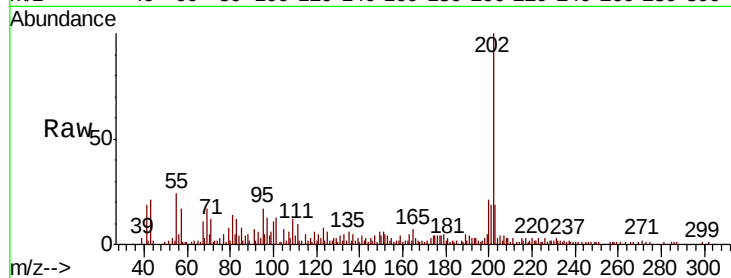
Tot Ion:202 Resp: 37166

Ion Ratio Lower Upper

202 100

200 20.7 17.5 26.3

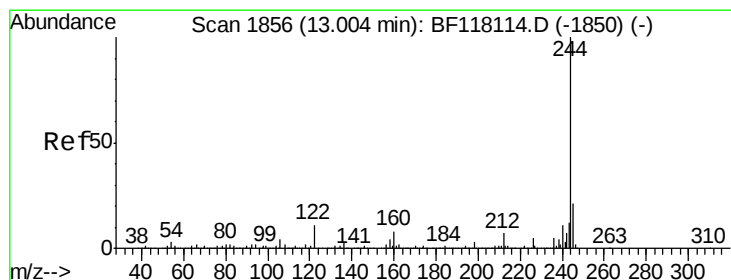
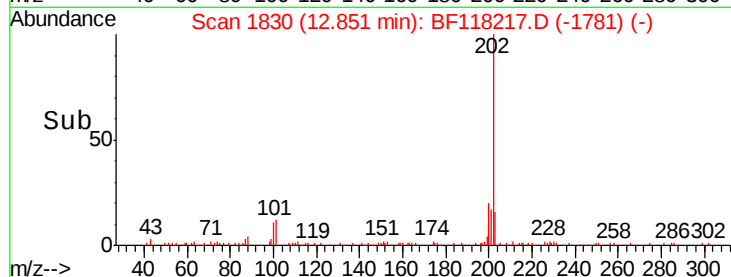
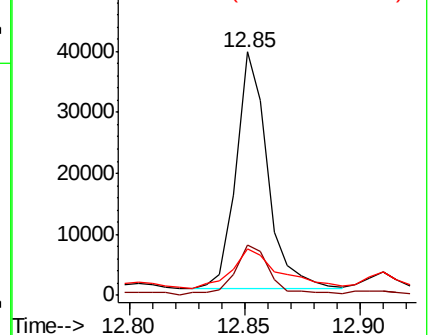
203 19.3 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 60.773 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118217.D

Acq: 17 Dec 2019 00:54

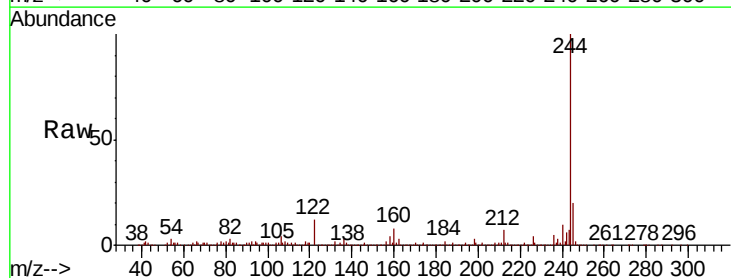
Tgt Ion:244 Resp: 760712

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

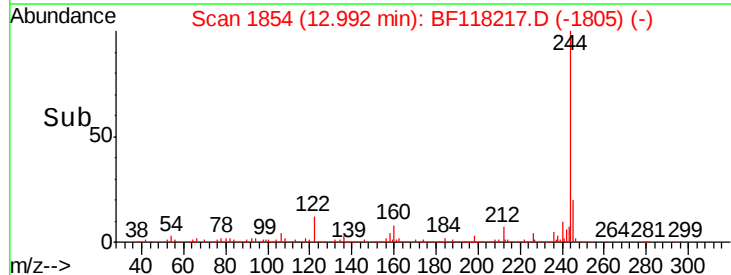
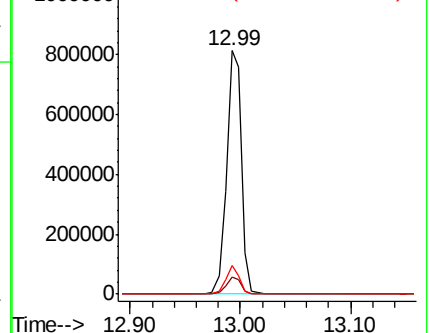
122 11.7 9.0 13.6

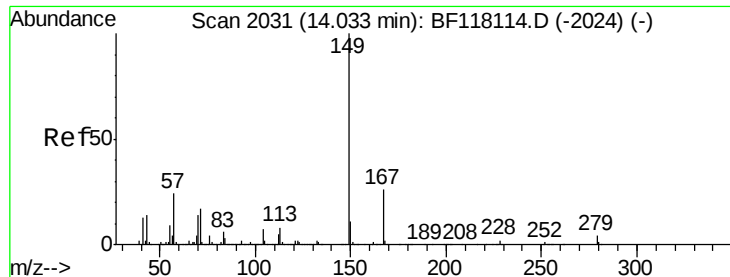


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 145.529 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118217.D

Acq: 17 Dec 2019 00:54

Instrument :

BNA_F

ClientSampleId :

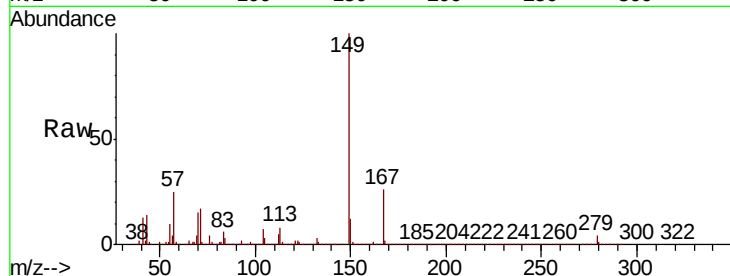
Tot Ion:149 Resp: 1474173

Ion Ratio Lower Upper

149 100

167 26.3 20.8 31.2

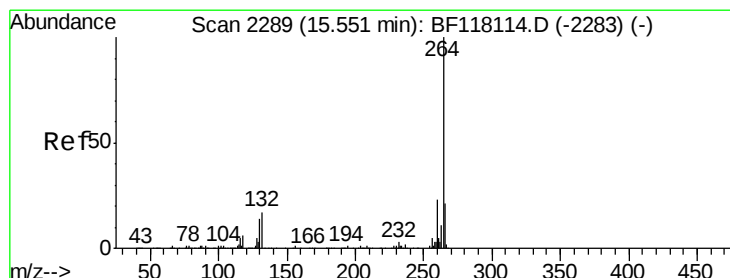
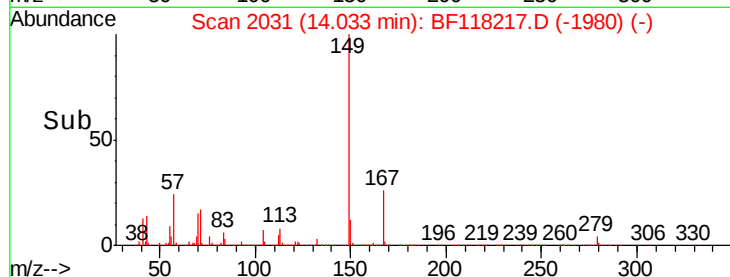
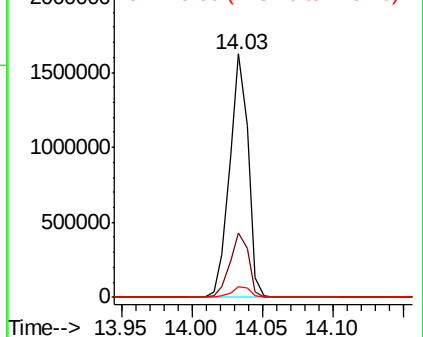
279 4.2 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BF118217.D

Acq: 17 Dec 2019 00:54

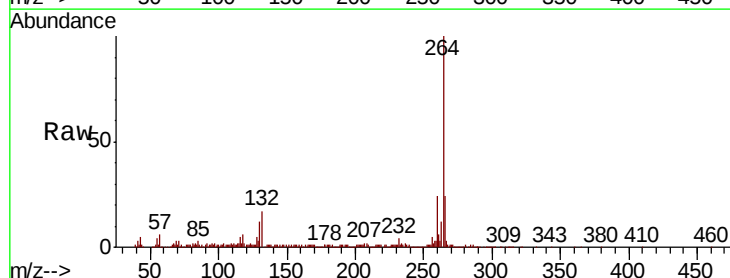
Tgt Ion:264 Resp: 264789

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 24.1 16.8 25.2



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

