

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118376.D
 Acq On : 28 Dec 2019 20:21
 Operator : JU
 Sample : K6439-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 07:45:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

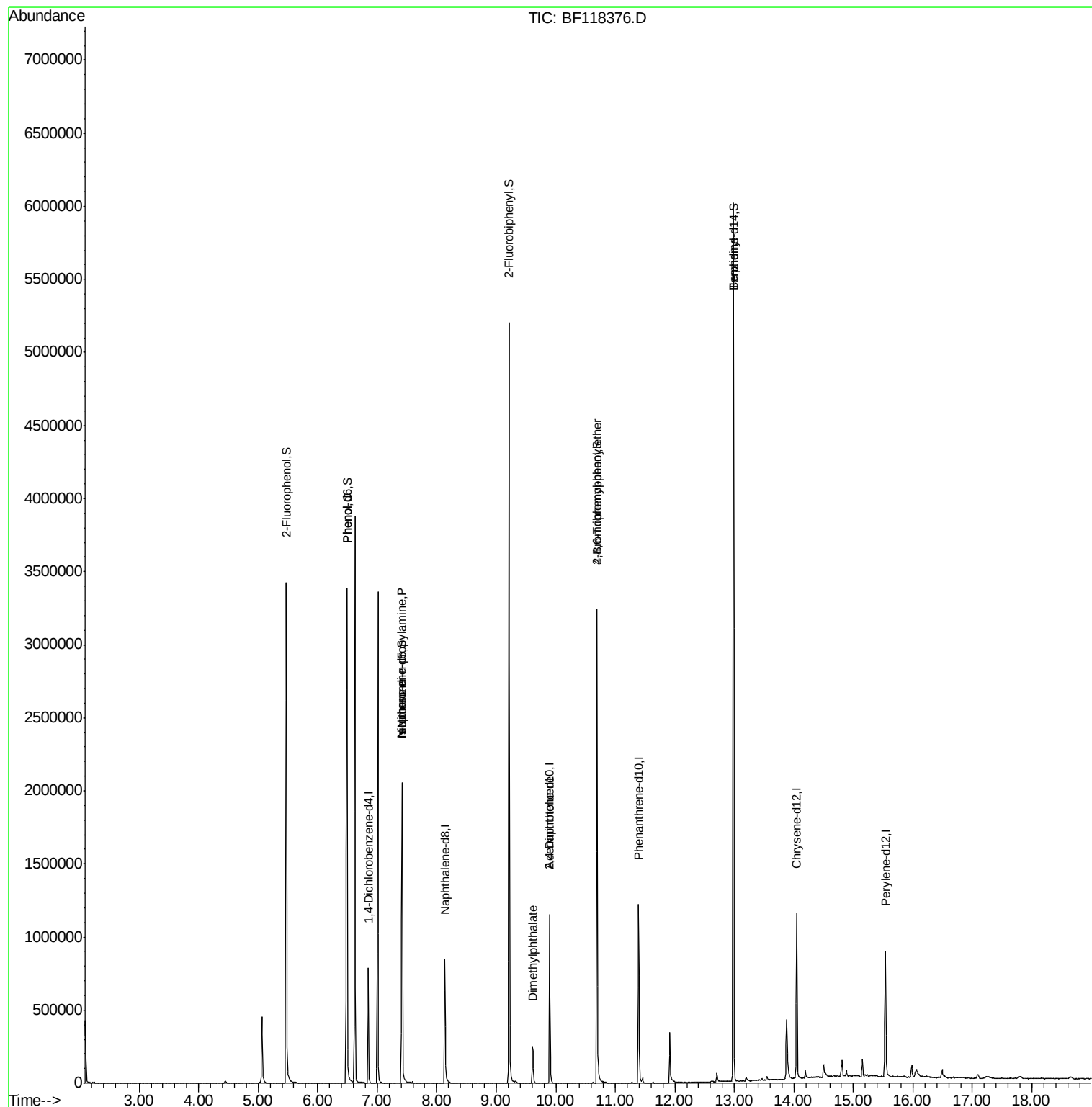
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	114240	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	449984	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	240224	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	479974	20.00	ng	0.00
76) Chrysene-d12	14.04	240	393308	20.00	ng	0.00
87) Perylene-d12	15.54	264	379421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1008974	150.76	ng	0.01
7) Phenol-d6	6.49	99	1274008	153.45	ng	0.00
23) Nitrobenzene-d5	7.42	82	776234	98.66	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	467701	157.66	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1583771	100.64	ng	0.00
79) Terphenyl-d14	12.99	244	2098678	88.53	ng	0.00
Target Compounds						
10) Phenol	6.50	94	25302	2.712	ng	# 45
19) n-Nitroso-di-n-propylamine	7.42	70	103694	20.275	ng	# 78
25) Isophorone	7.42	82	776230	56.612	ng	# 62
50) Dimethylphthalate	9.61	163	133837	7.422	ng	# 99
57) 2,4-Dinitrotoluene	9.90	165	31027	5.973	ng	# 29
67) 4-Bromophenyl-phenylether	10.69	248	28319	5.042	ng	# 1
77) Benzidine	12.99	184	28806	2.673	ng	# 97

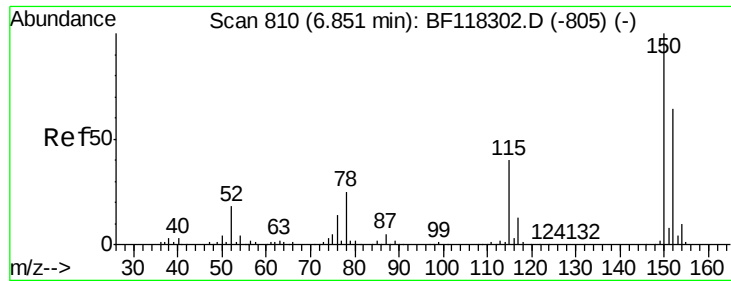
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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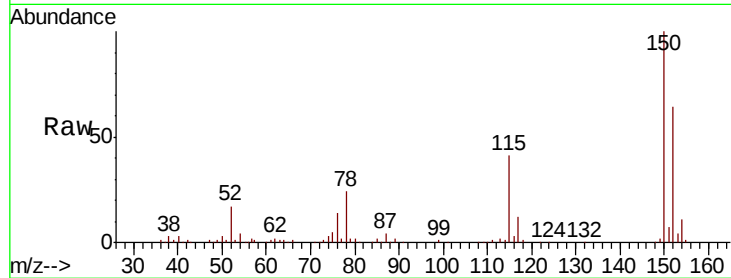


#1

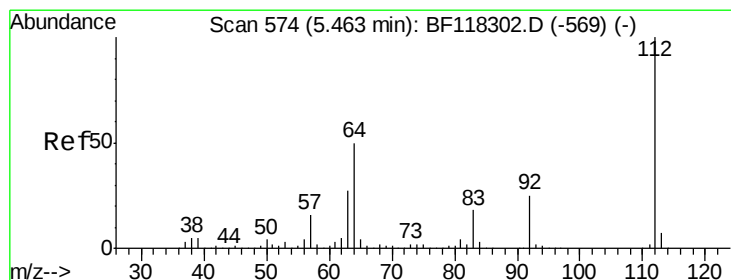
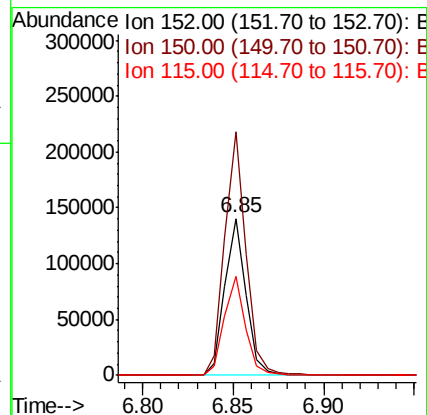
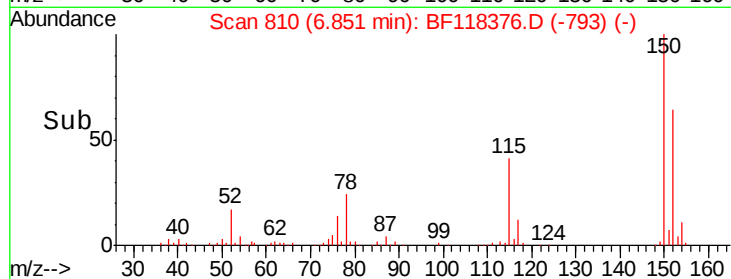
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114240
Ion Ratio Lower Upper
152 100
150 155.4 125.4 188.2
115 63.1 50.2 75.4



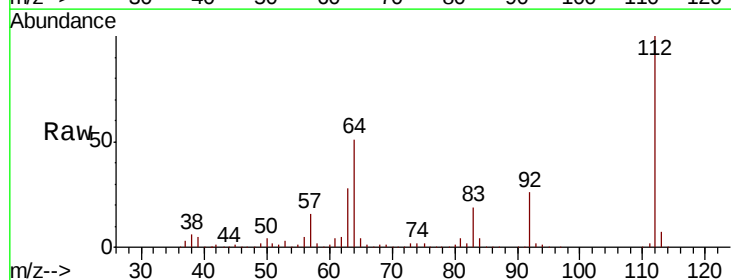
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



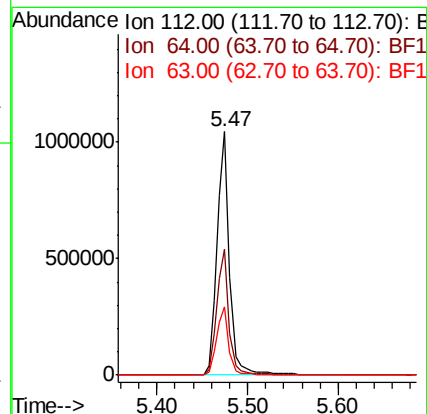
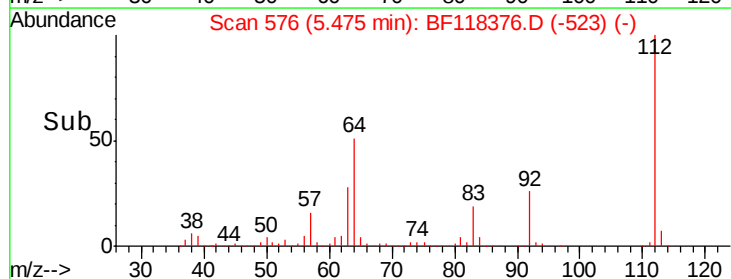
#5

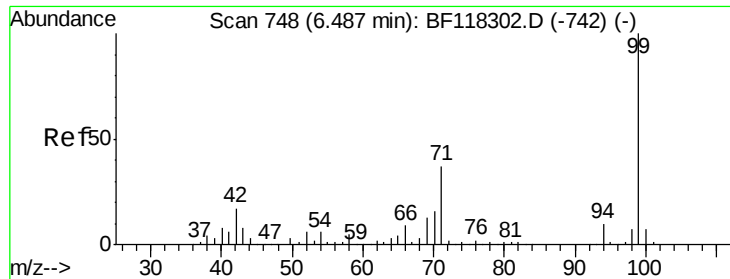
2-Fluorophenol
Concen: 150.762 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Tgt Ion:112 Resp: 1008974
Ion Ratio Lower Upper
112 100
64 51.5 39.7 59.5
63 27.9 21.7 32.5



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: 153.454 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118376.D

Acq: 28 Dec 2019 20:21

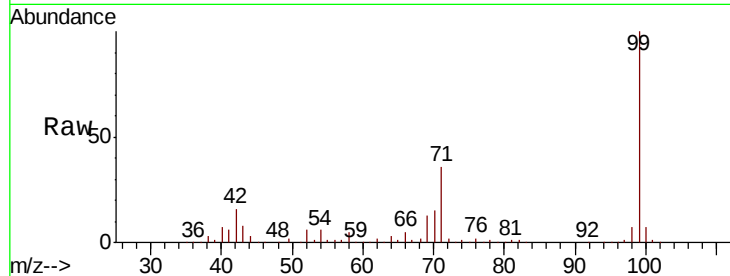
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1274008

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	36.2	29.4	44.2

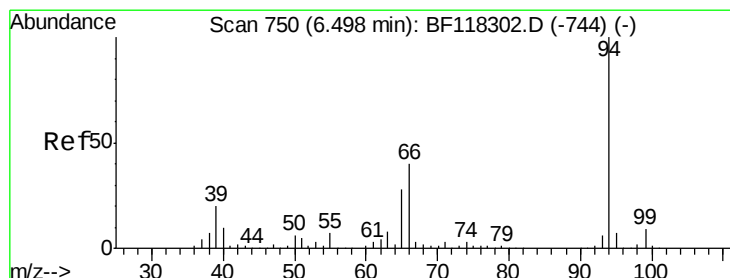
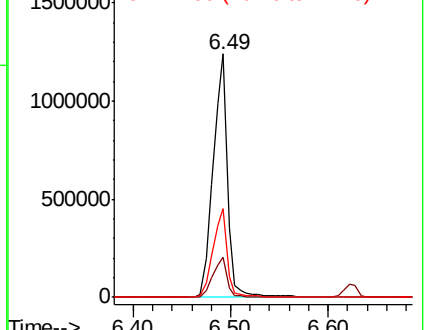
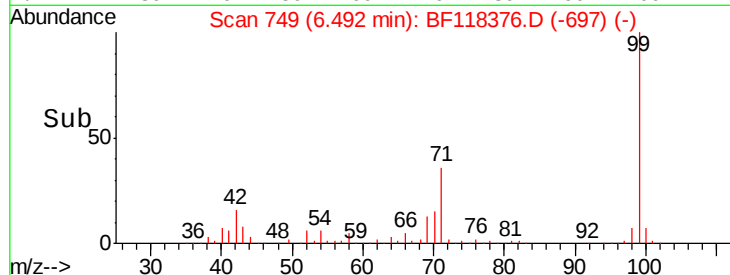


Abundance

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: 2.712 ng

RT: 6.50 min Scan# 750

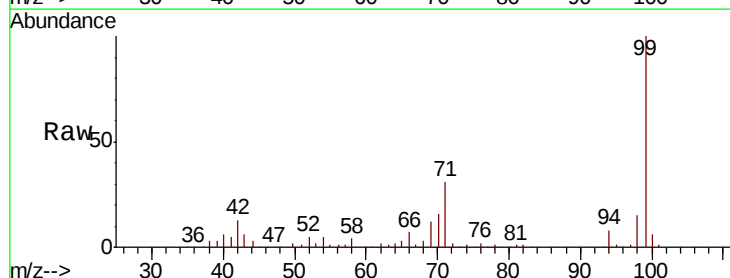
Delta R.T. -0.00 min

Lab File: BF118376.D

Acq: 28 Dec 2019 20:21

Tgt Ion: 94 Resp: 25302

Ion	Ratio	Lower	Upper
94	100		
65	40.3	7.8	47.8
66	88.0	20.4	60.4#

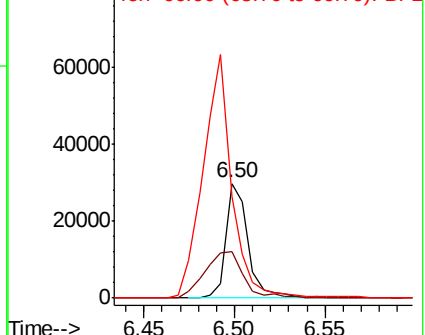
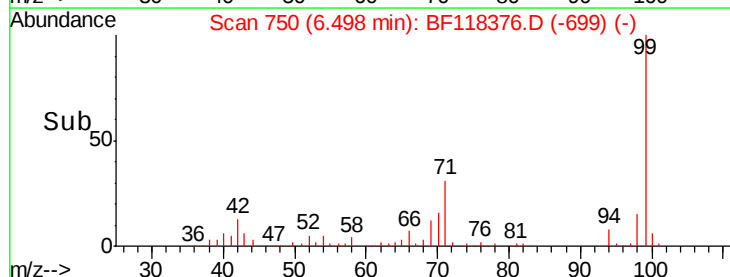


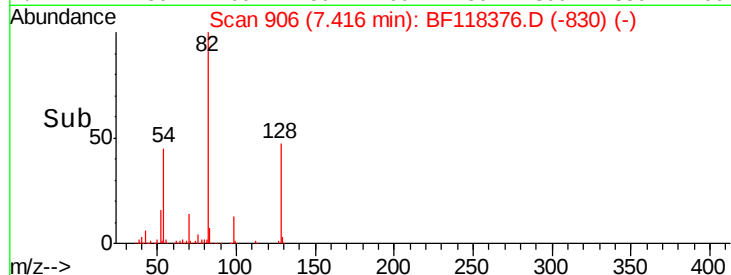
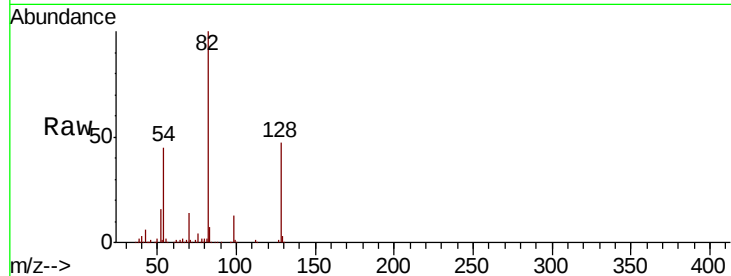
Abundance

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

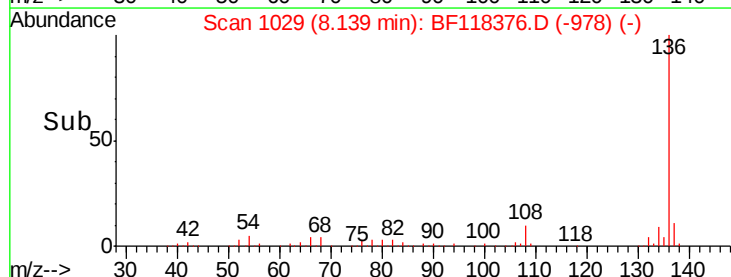
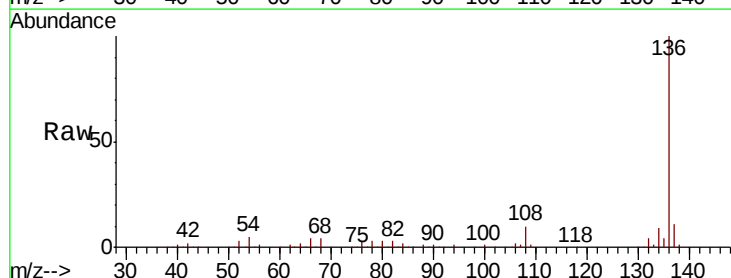
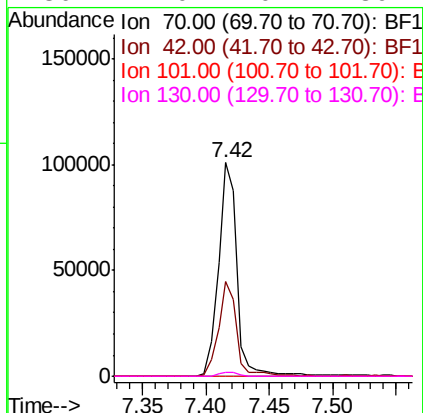




#19
n-Nitroso-di-n-propylamine
Concen: 20.275 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

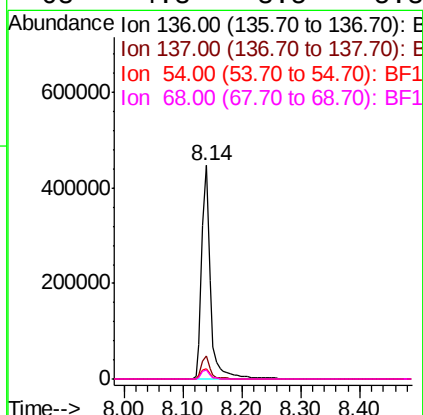
Instrument :
BNA_F
ClientSampleId :

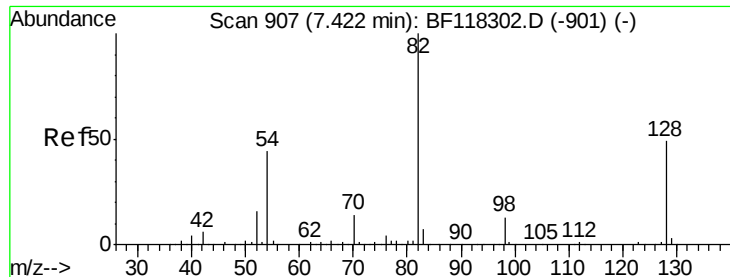
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.5	41.1	61.7
101	0.0	8.3	12.5
130	2.0	20.1	30.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.0	4.2	6.4
68	4.3	3.5	5.3

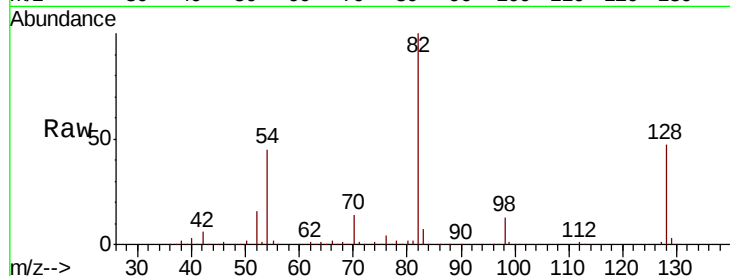




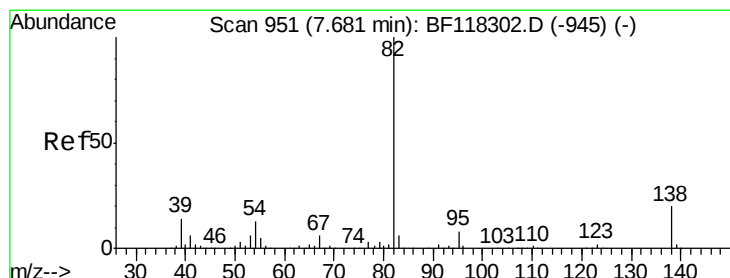
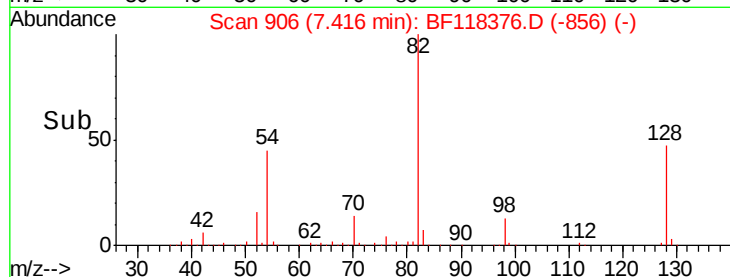
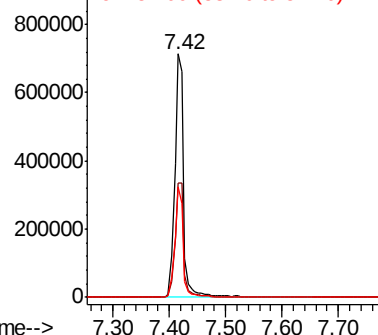
#23
Nitrobenzene-d5
Concen: 98.663 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 776234
Ion Ratio Lower Upper
82 100
128 46.8 39.6 59.4
54 45.5 34.9 52.3

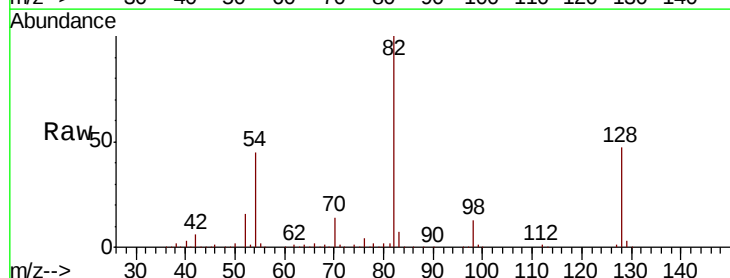


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

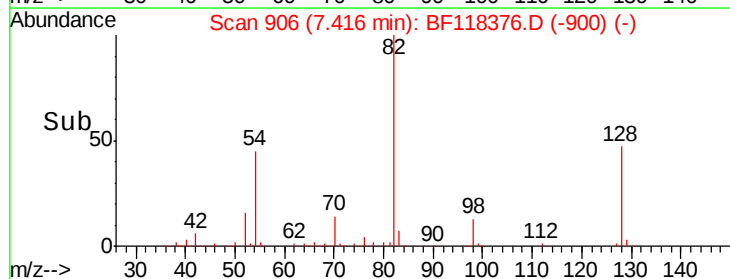
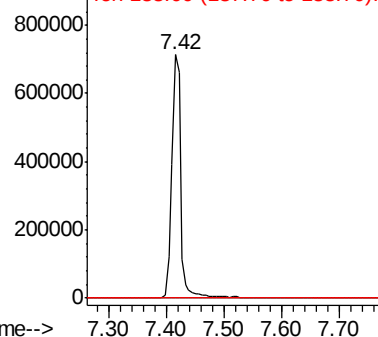


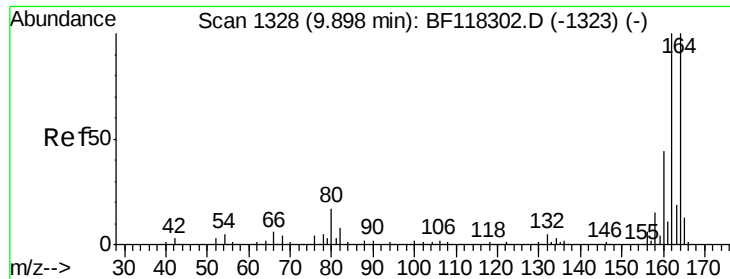
#25
Isophorone
Concen: 56.612 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Tgt Ion: 82 Resp: 776230
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.2 24.2#



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

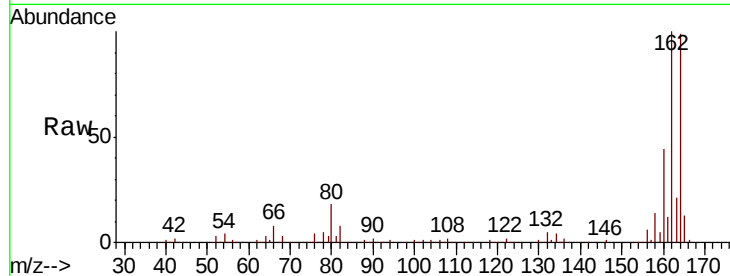




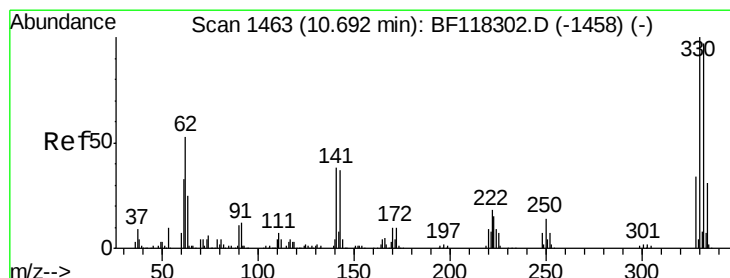
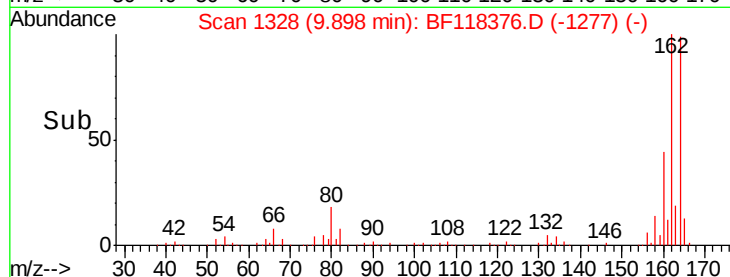
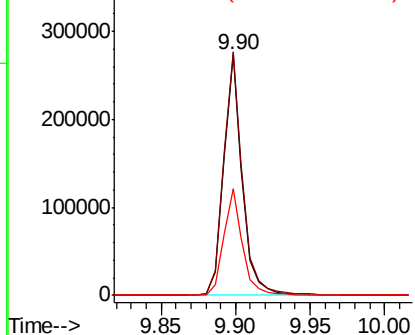
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 240224
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 44.1 34.8 52.2

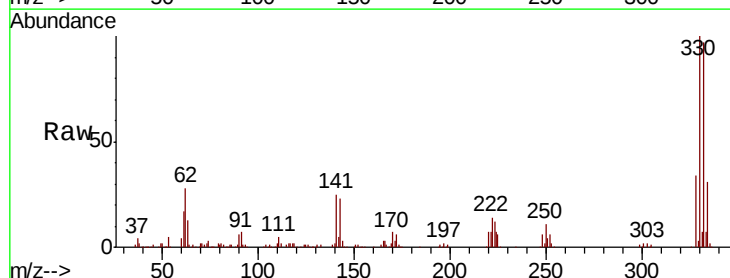


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

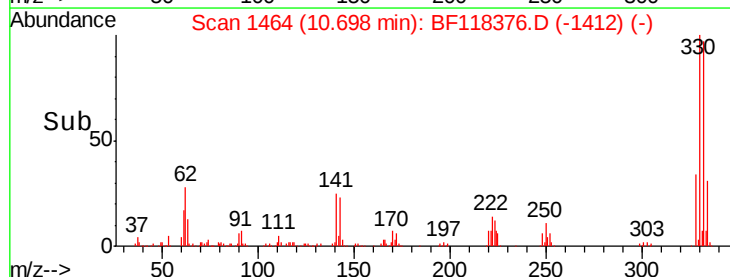
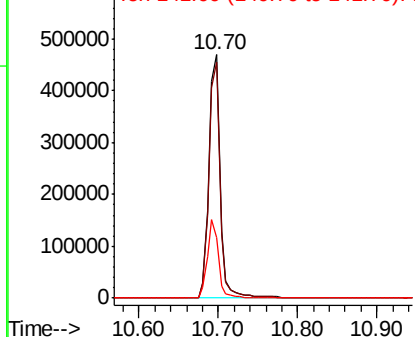


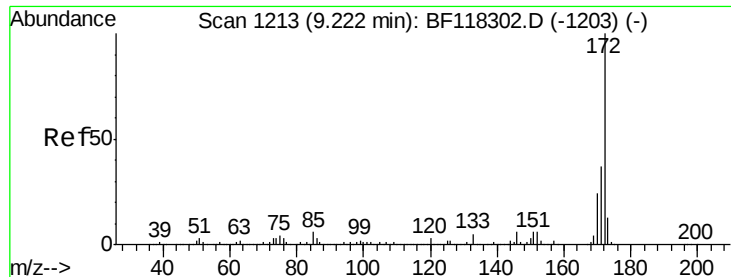
#42
2,4,6-Tribromophenol
Concen: 157.656 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Tgt Ion:330 Resp: 467701
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 31.7 26.0 39.0



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

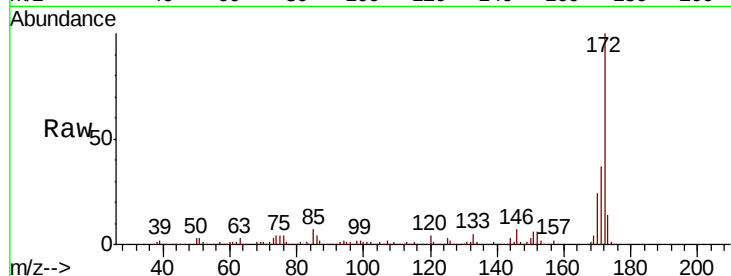




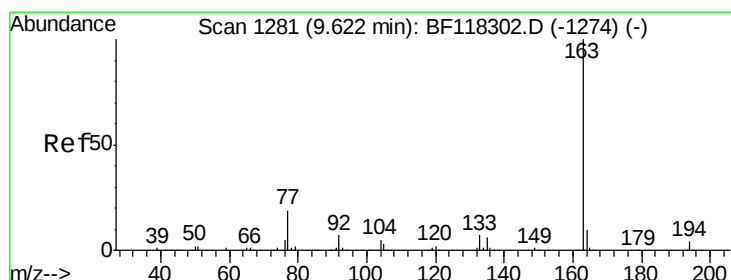
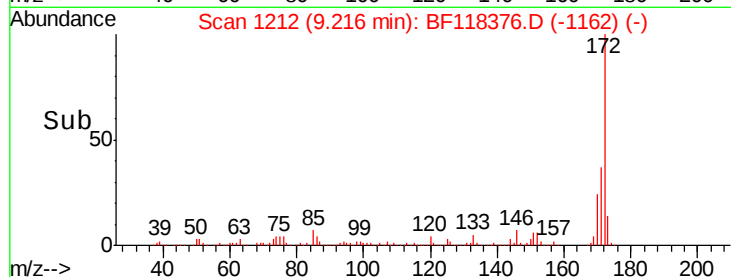
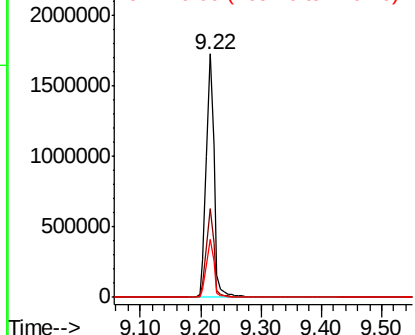
#45
2-Fluorobiphenyl
Concen: 100.639 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1583771
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 23.7 19.2 28.8

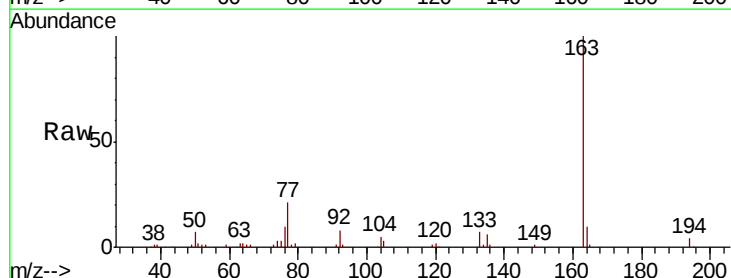


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

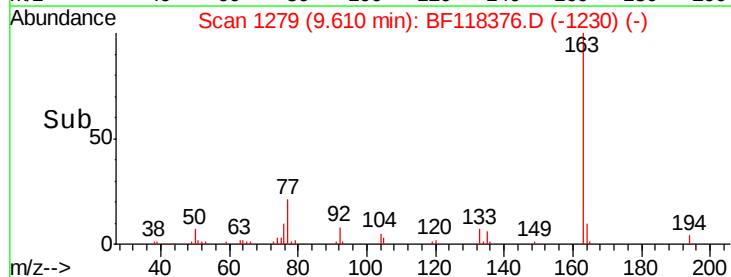
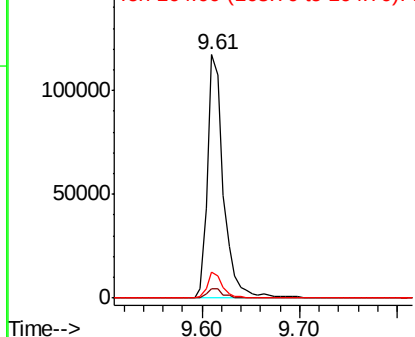


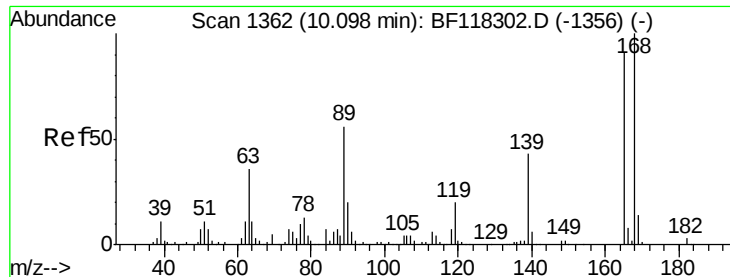
#50
Dimethylphthalate
Concen: 7.422 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Tgt Ion:163 Resp: 133837
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 7.9 11.9



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

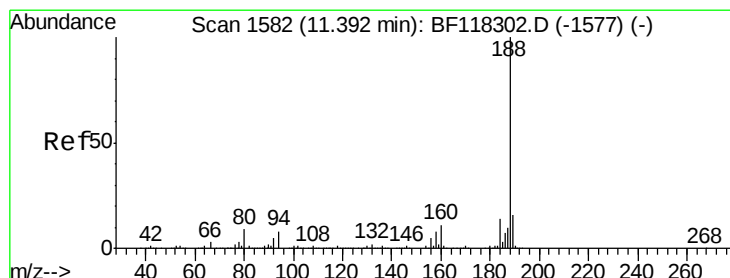
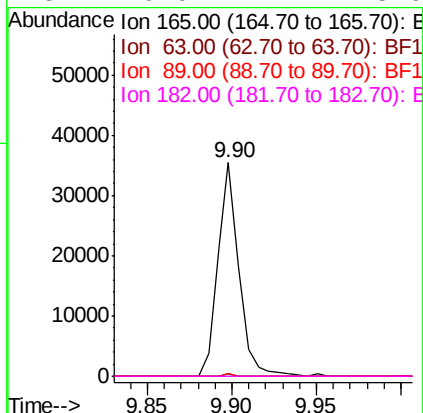
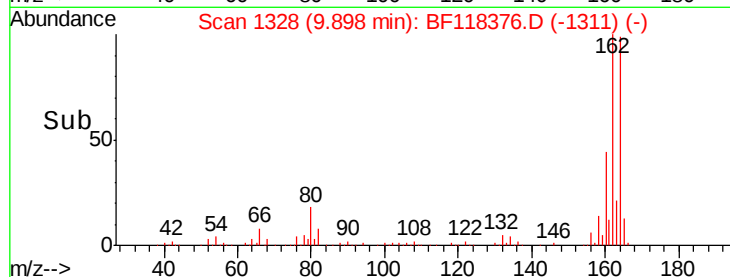
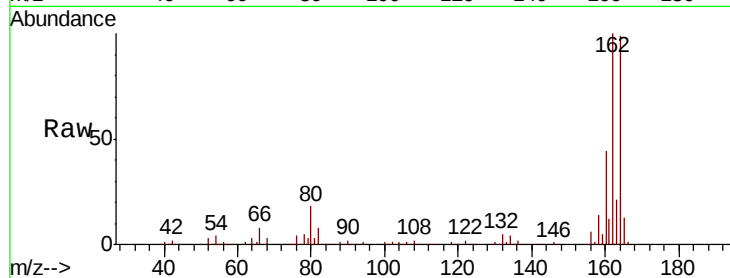




#57
2,4-Dinitrotoluene
Concen: 5.973 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

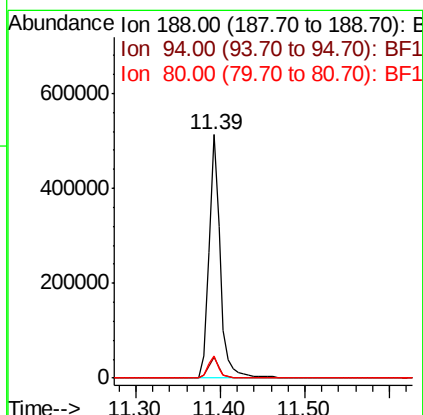
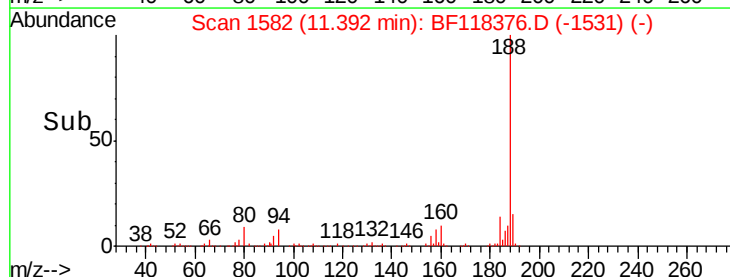
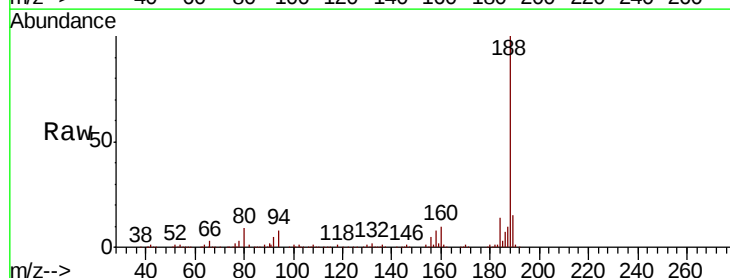
Instrument :
BNA_F
ClientSampleId :

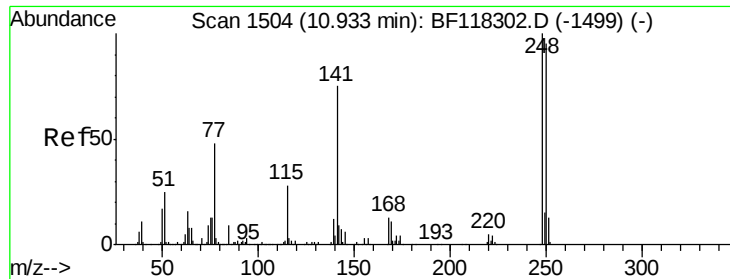
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.0	48.0#
89	1.2	49.3	73.9#
182	0.0	2.4	3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.0	7.2	10.8

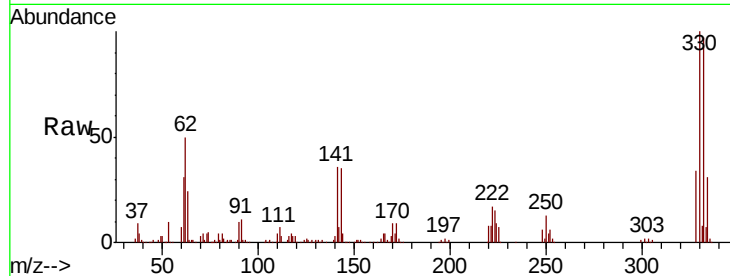




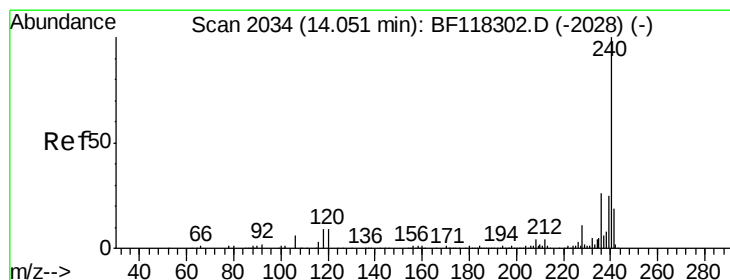
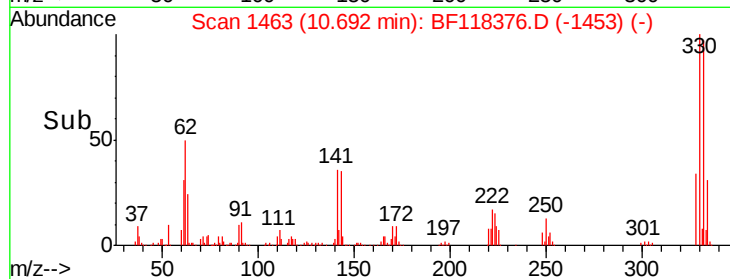
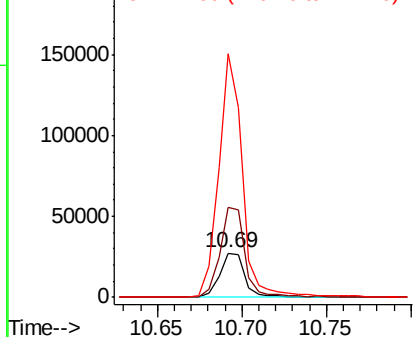
#67
 4-Bromophenyl-phenylether
 Concen: 5.042 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF118376.D
 Acq: 28 Dec 2019 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 28319
 Ion Ratio Lower Upper
 248 100
 250 205.4 76.4 114.6#
 141 553.2 60.2 90.2#

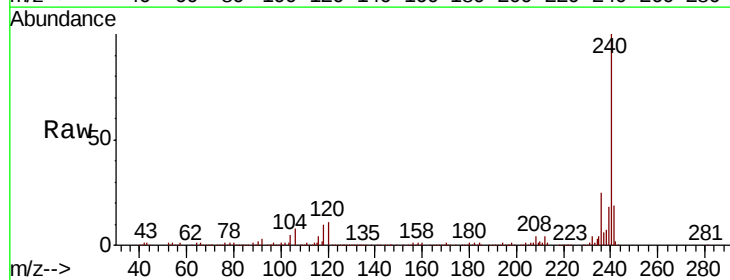


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

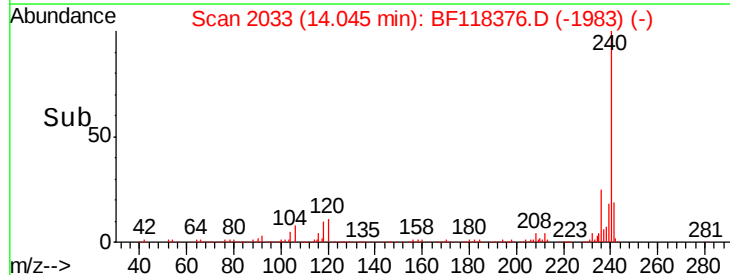
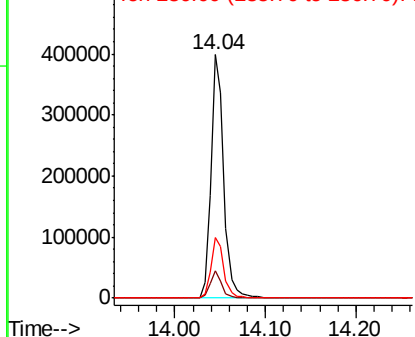


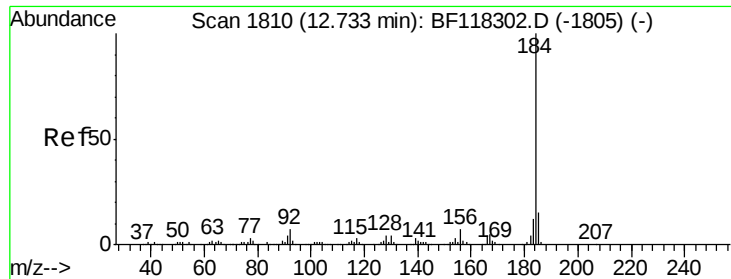
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF118376.D
 Acq: 28 Dec 2019 20:21

Tgt Ion:240 Resp: 393308
 Ion Ratio Lower Upper
 240 100
 120 11.4 7.1 10.7#
 236 24.8 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: 2.673 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.25 min

Lab File: BF118376.D

Acq: 28 Dec 2019 20:21

Instrument :

BNA_F

ClientSampleId :

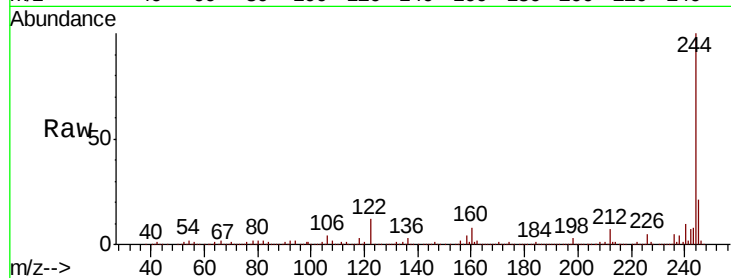
Tot Ion:184 Resp: 28806

Ion Ratio Lower Upper

184 100

185 15.4 12.3 18.5

183 9.5 9.4 14.2

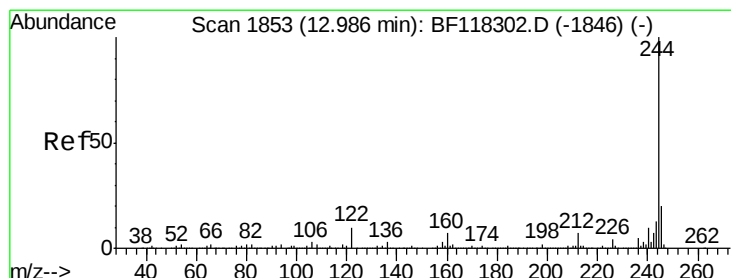
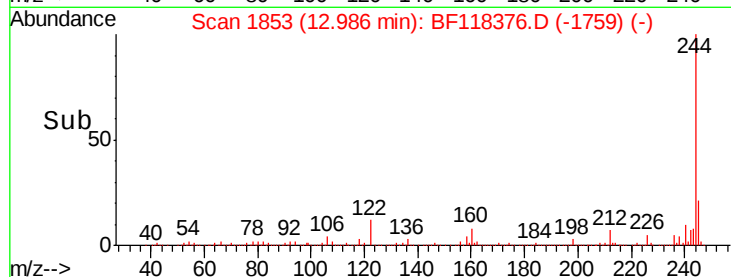
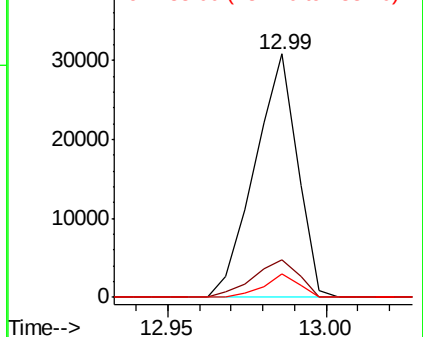


Abundance

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: 88.525 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118376.D

Acq: 28 Dec 2019 20:21

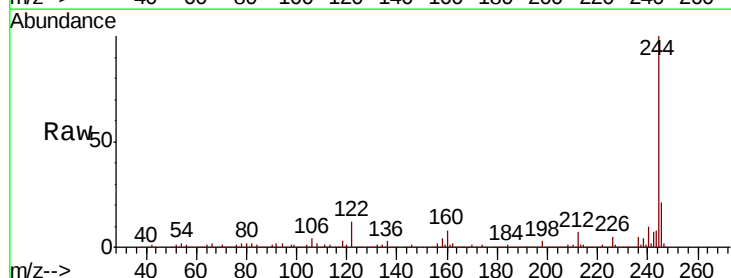
Tgt Ion:244 Resp: 2098678

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 12.0 7.8 11.8#

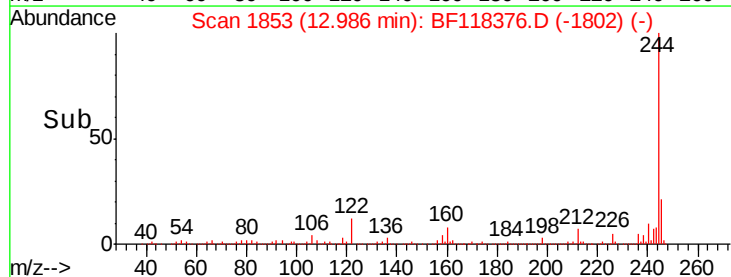
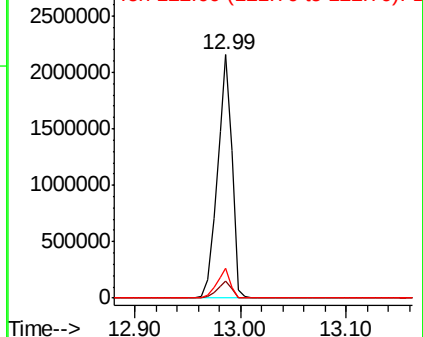


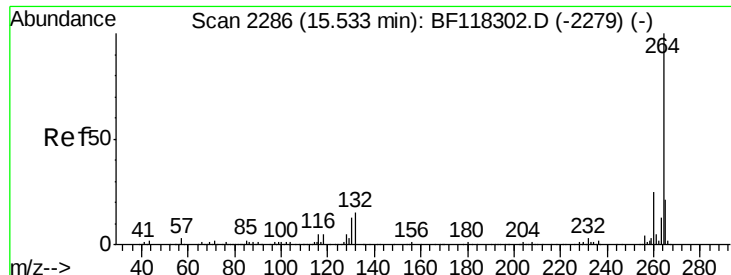
Abundance

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

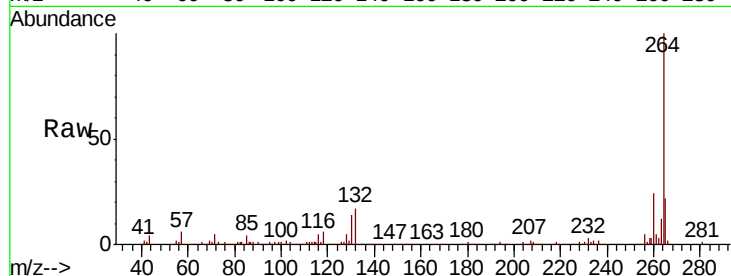




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118376.D
Acq: 28 Dec 2019 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	21.9	17.0	25.4



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

