

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118214.D
 Acq On : 16 Dec 2019 23:31
 Operator : JU
 Sample : K6294-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:08:26 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

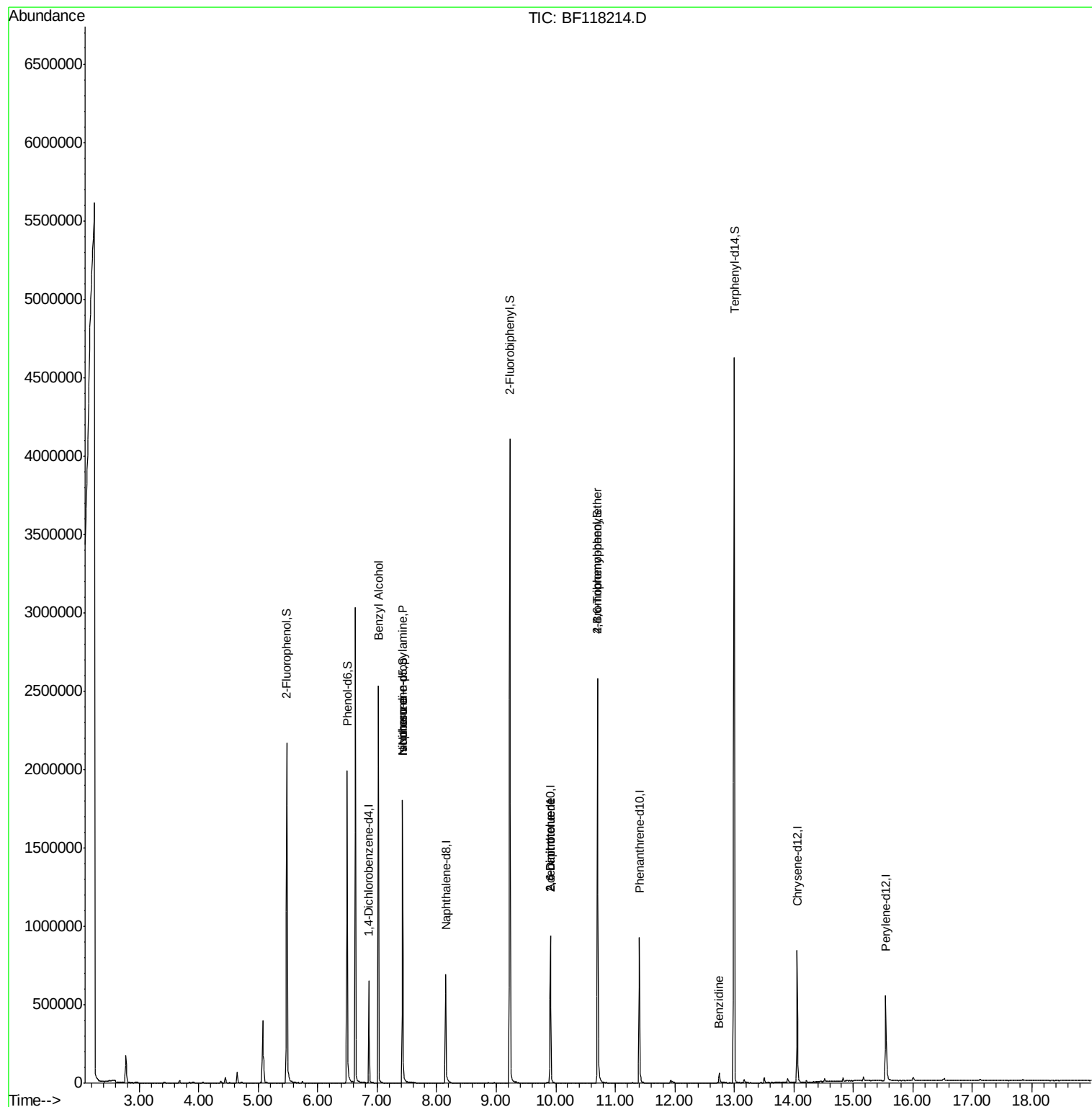
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	91173	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	350675	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	190396	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	372409	20.00	ng	0.00
76) Chrysene-d12	14.06	240	300335	20.00	ng	-0.01
87) Perylene-d12	15.54	264	291564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	653344	125.51	ng	0.00
7) Phenol-d6	6.49	99	724337	115.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	555979	89.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	331977	143.53	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1165845	93.17	ng	-0.01
79) Terphenyl-d14	13.00	244	1634284	93.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	830	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	7.02	79	10166	2.068 ng	#	49
19) n-Nitroso-di-n-propylamine	7.43	70	77852	20.348 ng	#	76
25) Isophorone	7.43	82	552354	52.272 ng	#	62
51) 2,6-Dinitrotoluene	9.91	165	23034	7.532 ng	#	27
57) 2,4-Dinitrotoluene	9.91	165	23034	5.643 ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	20491	4.820 ng	#	1
77) Benzidine	12.75	184	32716	4.138 ng		97

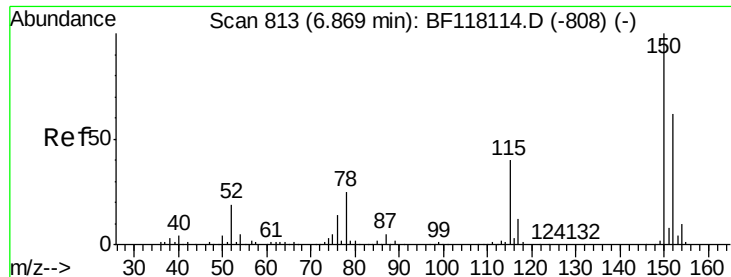
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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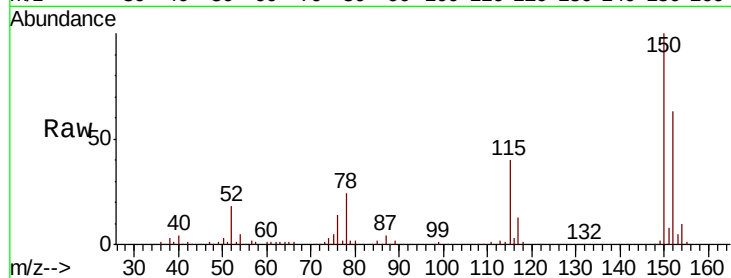


#1

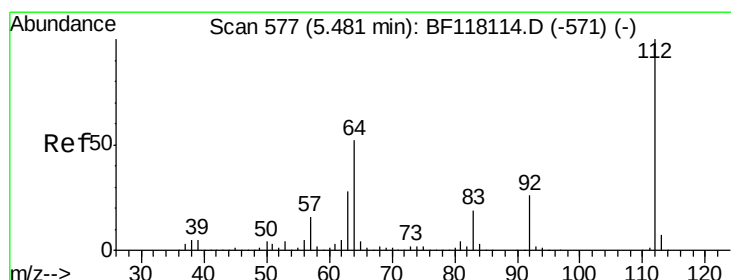
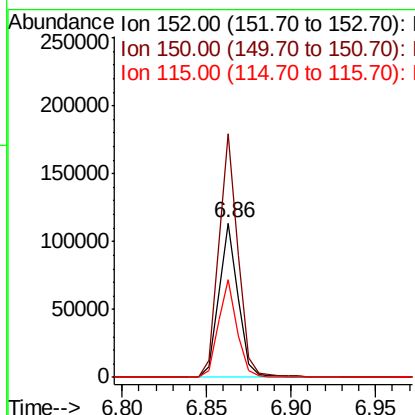
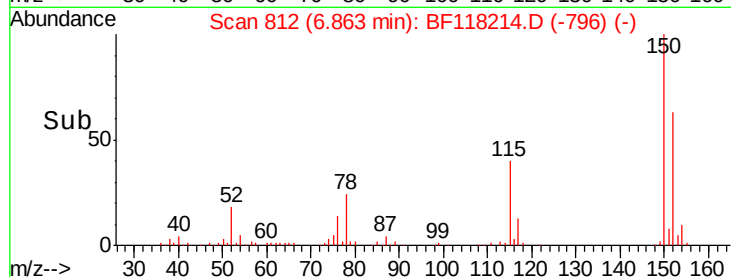
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118214.D
Acq: 16 Dec 2019 23:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91173
Ion Ratio Lower Upper
152 100
150 158.0 128.3 192.5
115 63.0 51.1 76.7



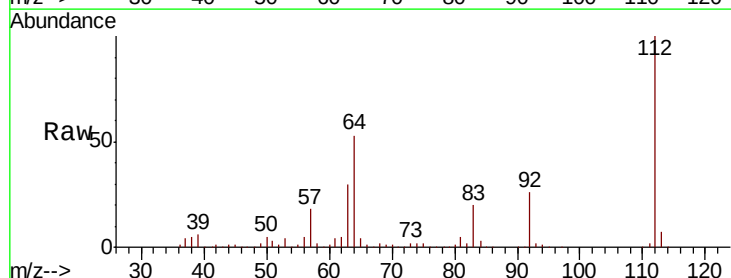
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



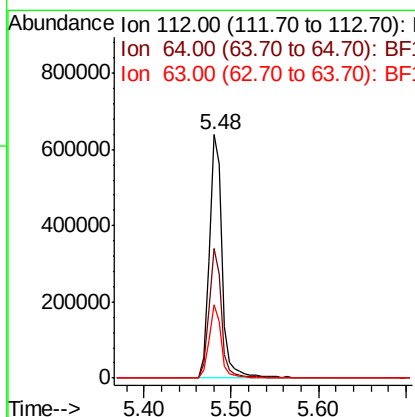
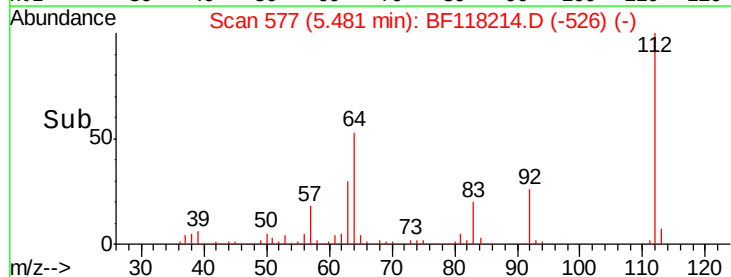
#5

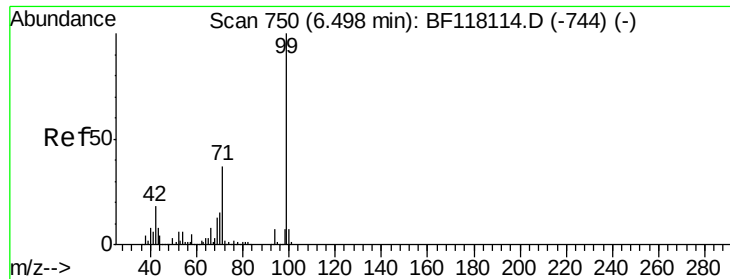
2-Fluorophenol
Concen: 125.510 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118214.D
Acq: 16 Dec 2019 23:31

Tgt Ion:112 Resp: 653344
Ion Ratio Lower Upper
112 100
64 53.3 41.3 61.9
63 29.9 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: 115.043 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118214.D

Acq: 16 Dec 2019 23:31

Instrument :

BNA_F

ClientSampled :

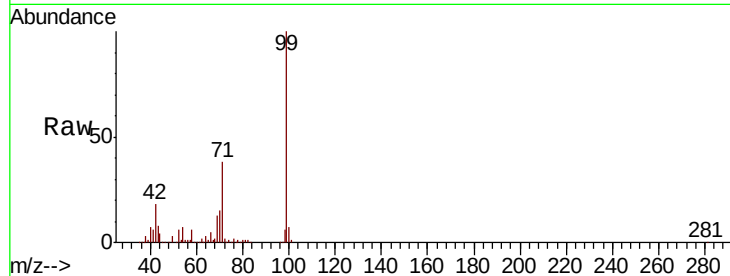
Tot Ion: 99 Resp: 724337

Ion Ratio Lower Upper

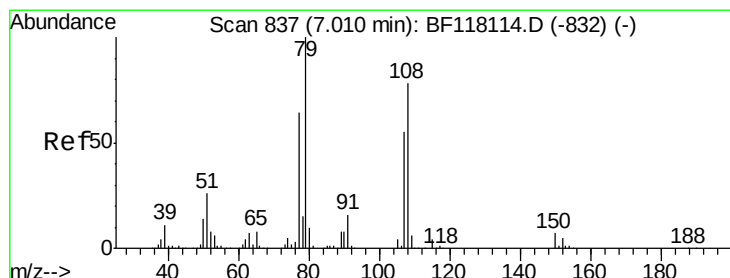
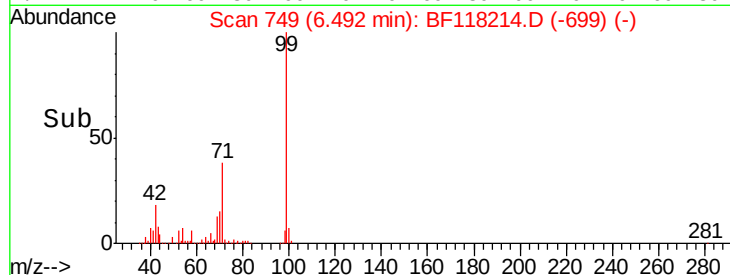
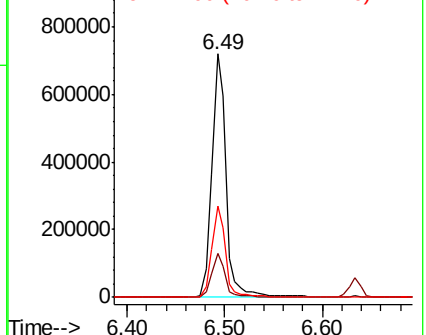
99 100

42 18.0 14.1 21.1

71 37.6 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



#15

Benzyl Alcohol

Concen: 2.068 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF118214.D

Acq: 16 Dec 2019 23:31

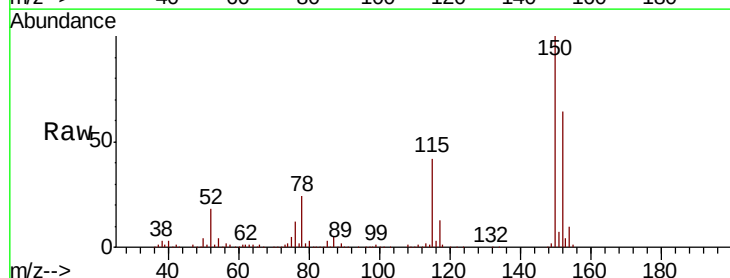
Tgt Ion: 79 Resp: 10166

Ion Ratio Lower Upper

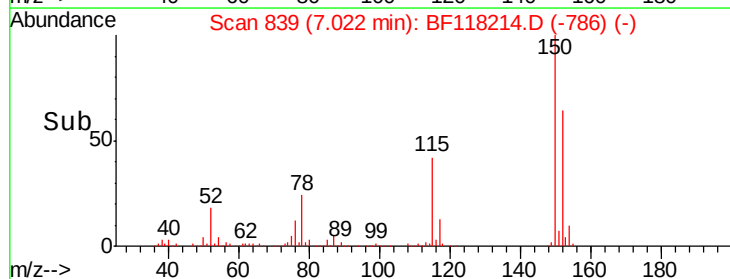
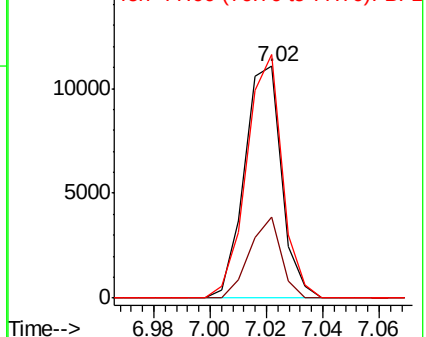
79 100

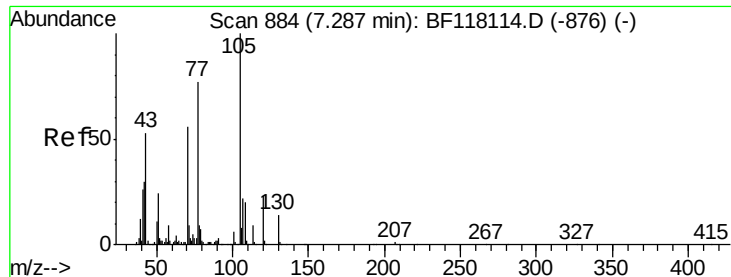
108 35.1 62.7 94.1#

77 105.0 51.4 77.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

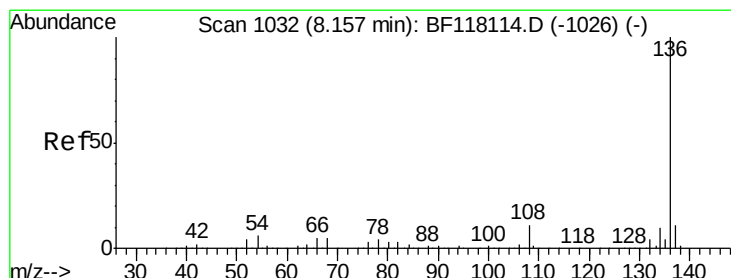
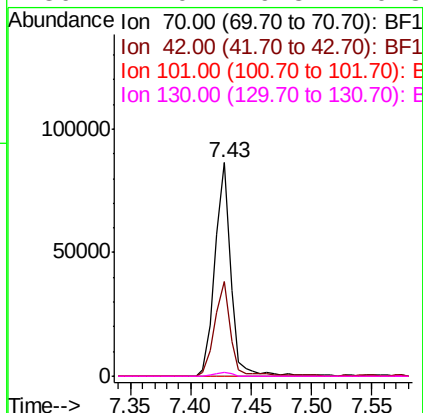
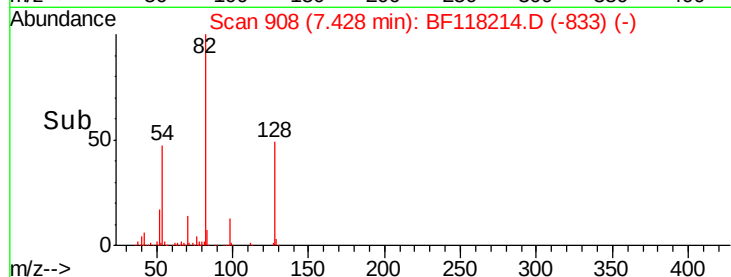
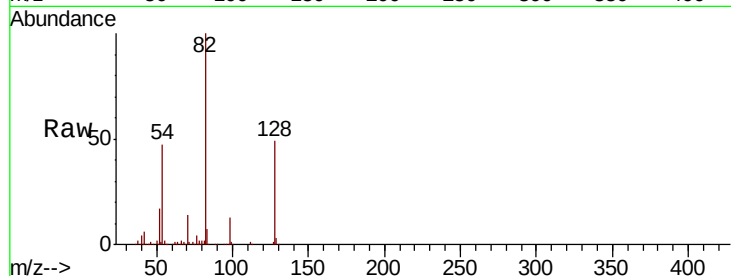




#19
n-Nitroso-di-n-propylamine
Concen: 20.348 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118214.D
Acq: 16 Dec 2019 23:31

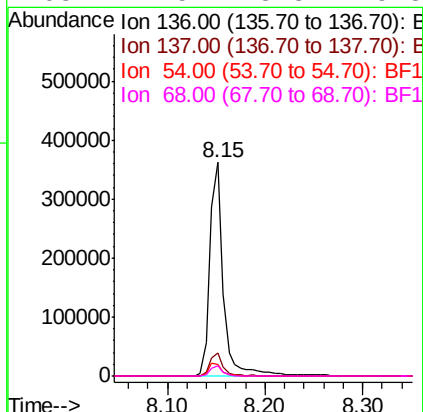
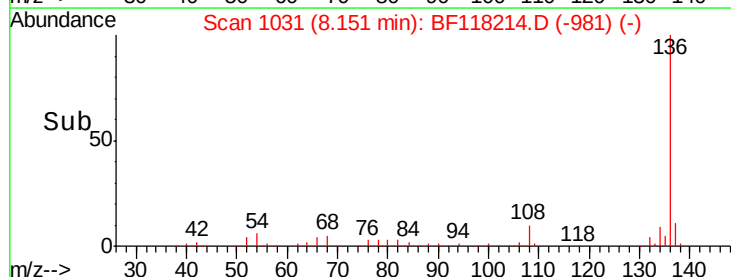
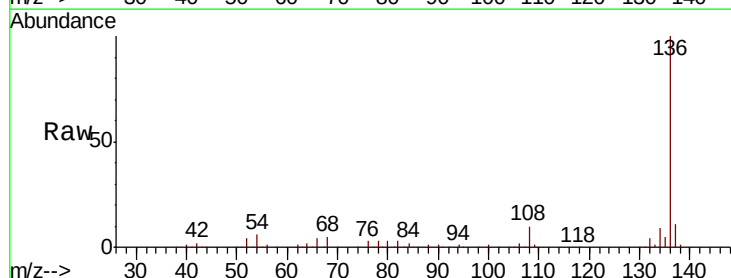
Instrument :
BNA_F
ClientSampleId :

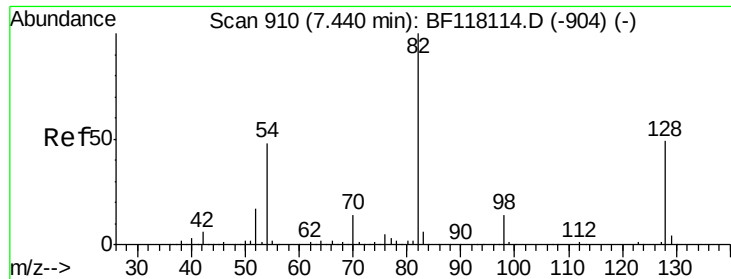
Tot Ion: 70 Resp: 77852
Ion Ratio Lower Upper
70 100
42 44.2 43.2 64.8
101 0.0 8.1 12.1#
130 2.0 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118214.D
Acq: 16 Dec 2019 23:31

Tgt Ion:136 Resp: 350675
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 5.6 5.0 7.6
68 4.5 3.8 5.8

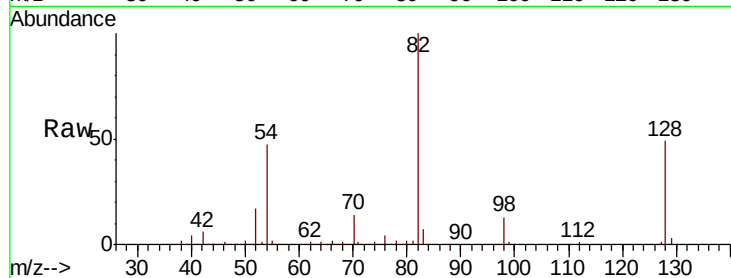




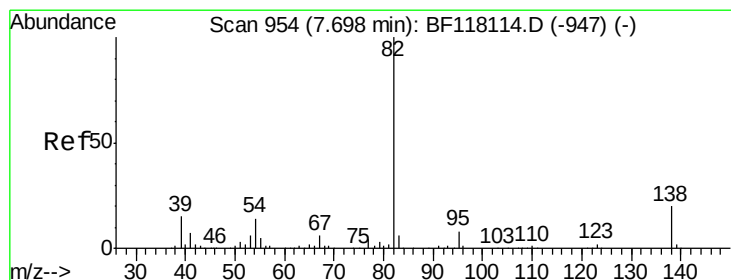
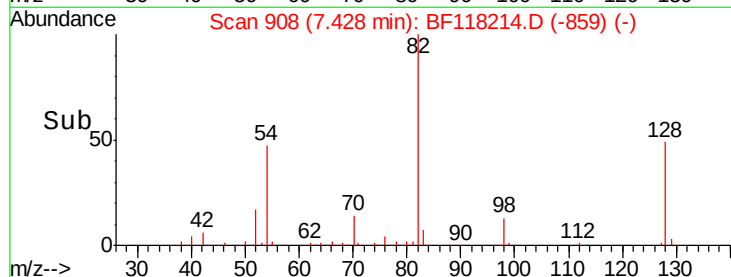
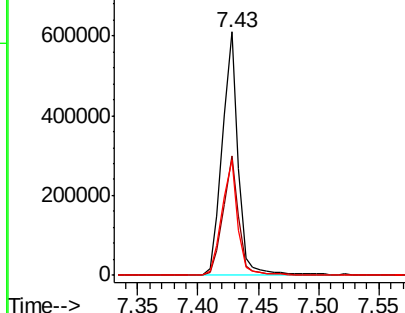
#23
Nitrobenzene-d5
Concen: 89.194 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118214.D
Acq: 16 Dec 2019 23:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	555979
Ion Ratio	100	Lower	Upper
128	49.3	39.1	58.7
54	47.5	38.2	57.2

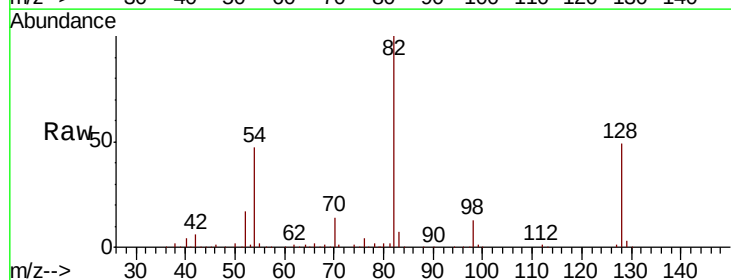


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

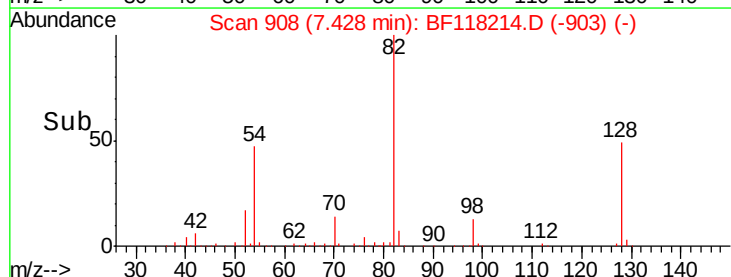
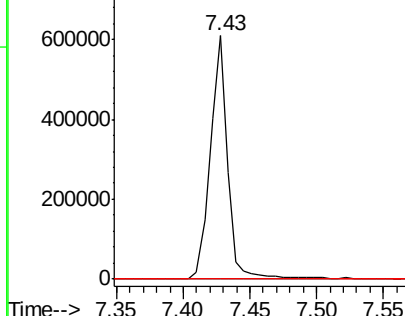


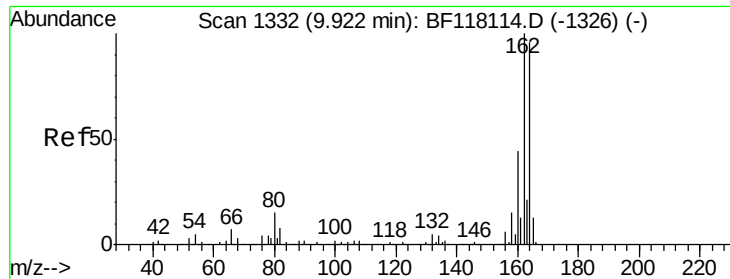
#25
Isophorone
Concen: 52.272 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118214.D
Acq: 16 Dec 2019 23:31

Tgt Ion	82	Resp	552354
Ion Ratio	100	Lower	Upper
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

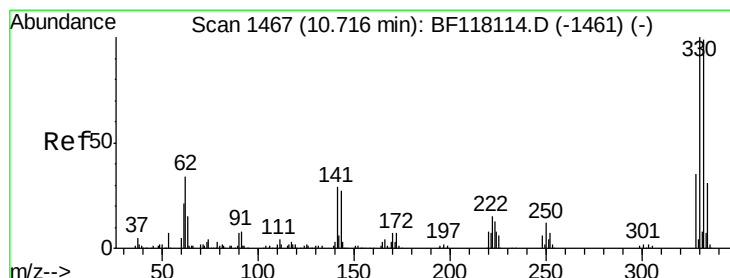
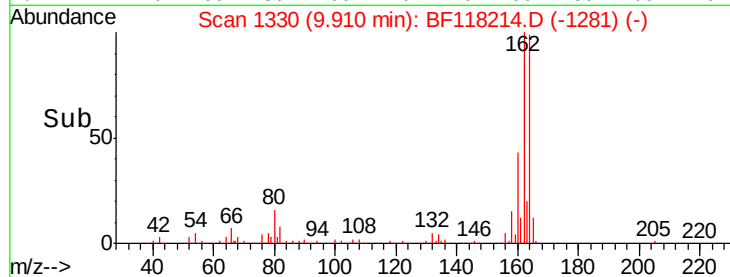
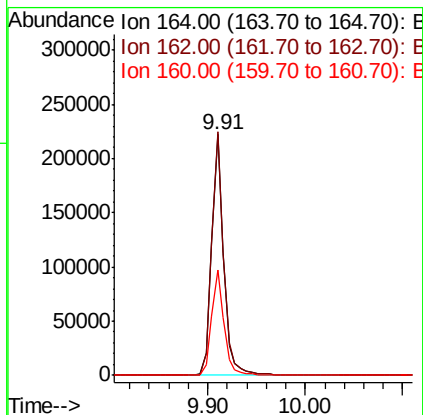
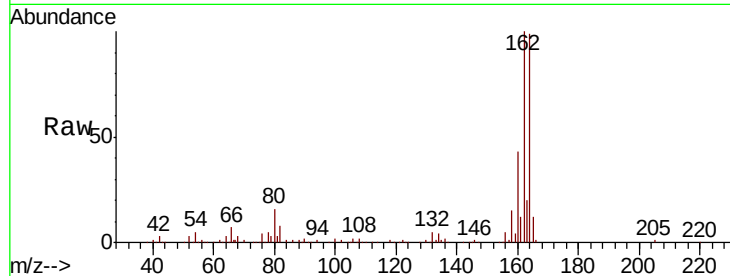




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118214.D
 Acq: 16 Dec 2019 23:31

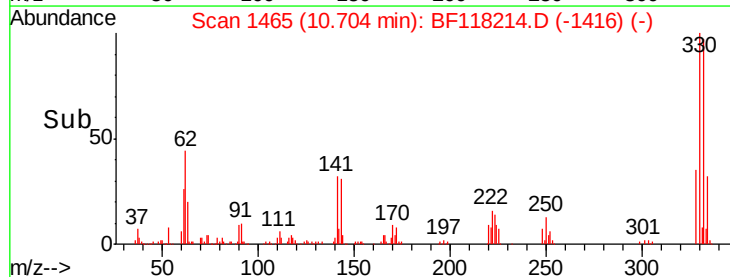
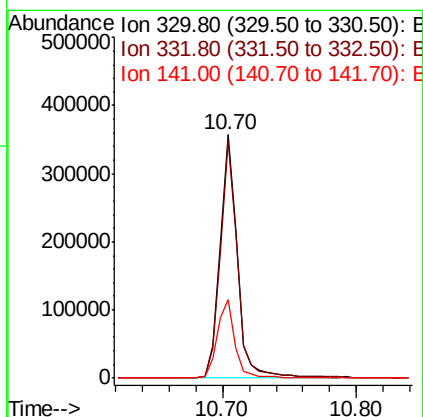
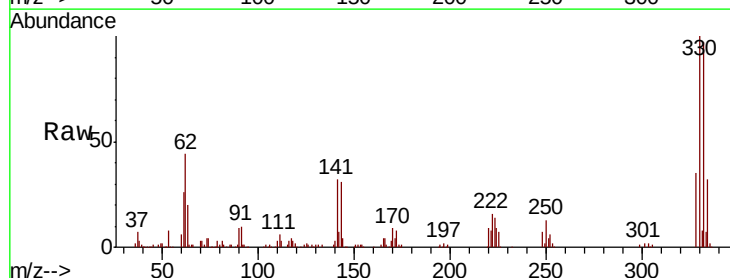
Instrument :
 BNA_F
 ClientSampleId :

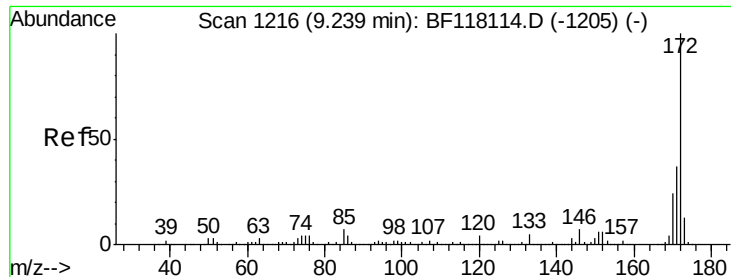
Tot Ion:164 Resp: 190396
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.4 125.0
 160 44.0 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 143.529 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118214.D
 Acq: 16 Dec 2019 23:31

Tgt Ion:330 Resp: 331977
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.1 117.1
 141 33.2 26.9 40.3

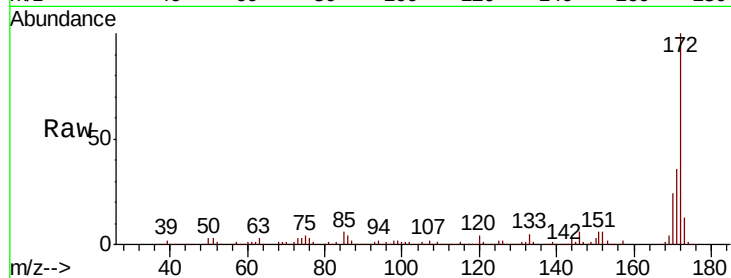




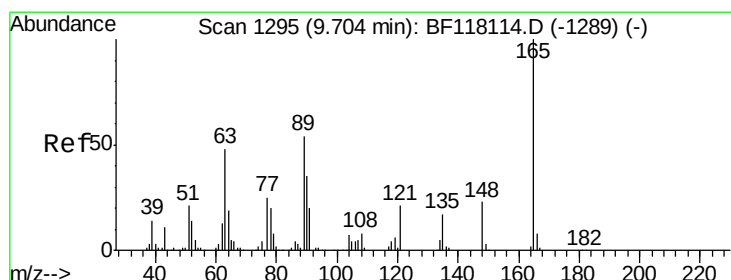
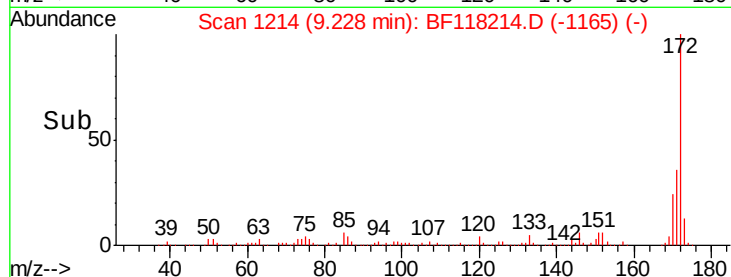
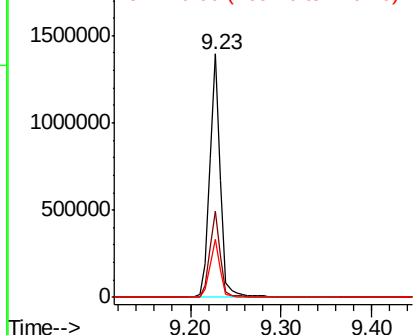
#45
2-Fluorobiphenyl
Concen: 93.174 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118214.D
Acq: 16 Dec 2019 23:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1165845
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 24.0 19.4 29.2

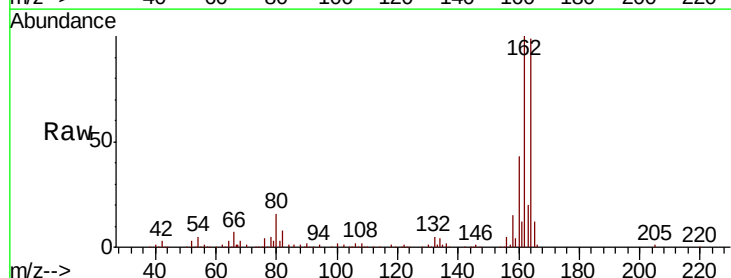


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

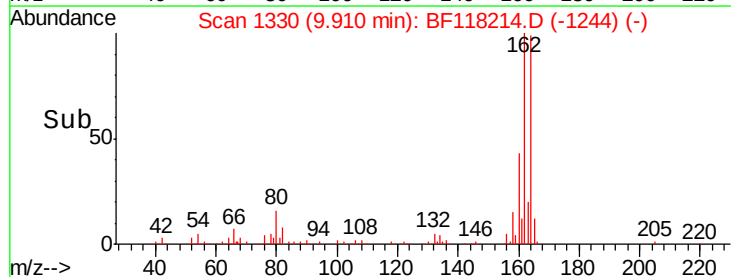
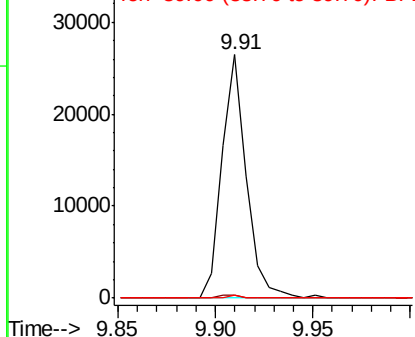


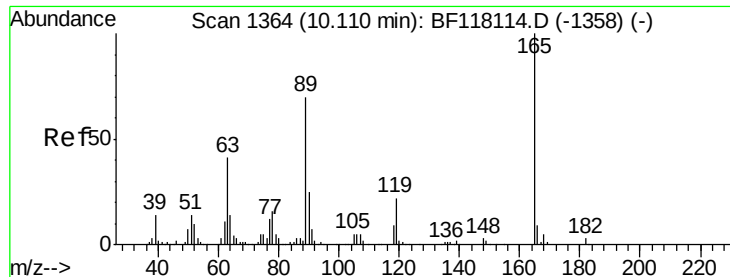
#51
2,6-Dinitrotoluene
Concen: 7.532 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF118214.D
Acq: 16 Dec 2019 23:31

Tgt Ion:165 Resp: 23034
Ion Ratio Lower Upper
165 100
63 1.2 41.4 62.0#
89 1.2 42.9 64.3#



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

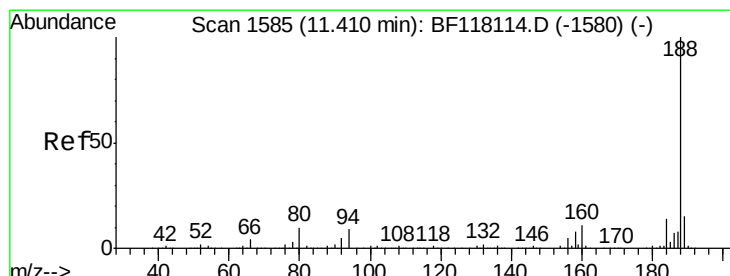
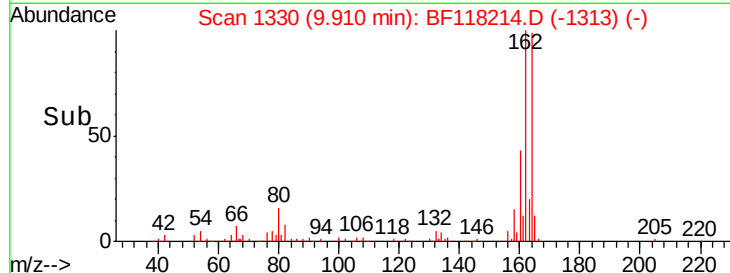
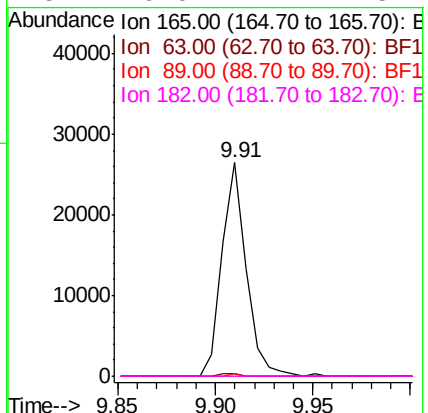
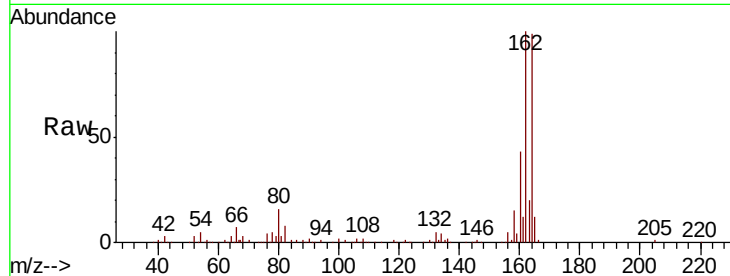




#57
 2,4-Dinitrotoluene
 Concen: 5.643 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF118214.D
 Acq: 16 Dec 2019 23:31

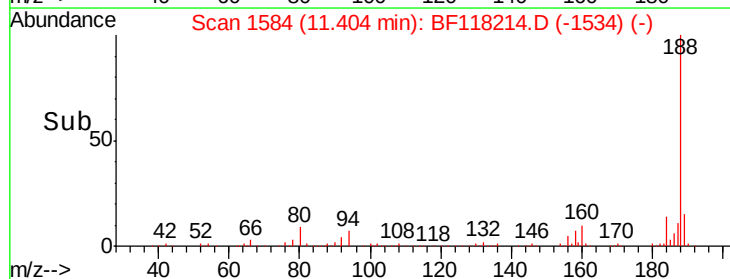
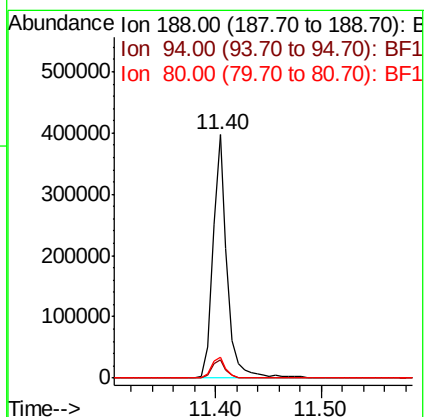
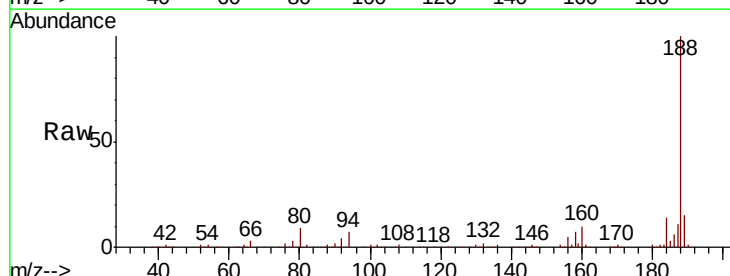
Instrument :
 BNA_F
 ClientSampleId :

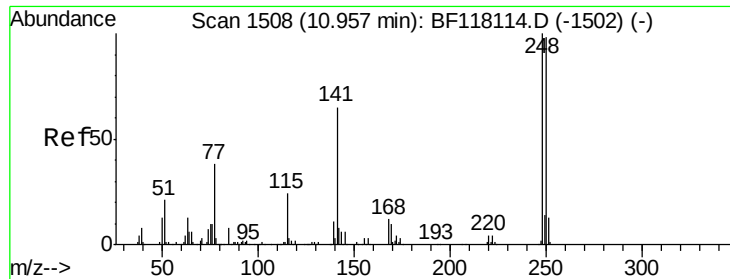
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.6	49.0#
89	1.2	56.1	84.1#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118214.D
 Acq: 16 Dec 2019 23:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.1	10.7
80	8.7	7.9	11.9

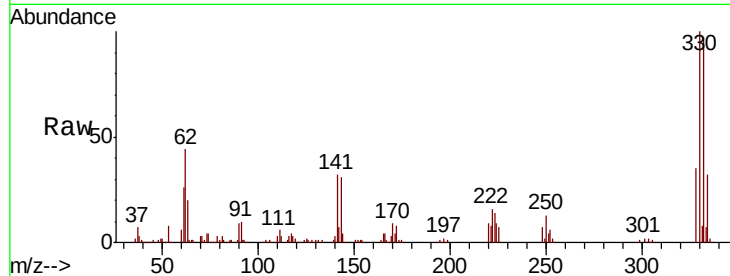




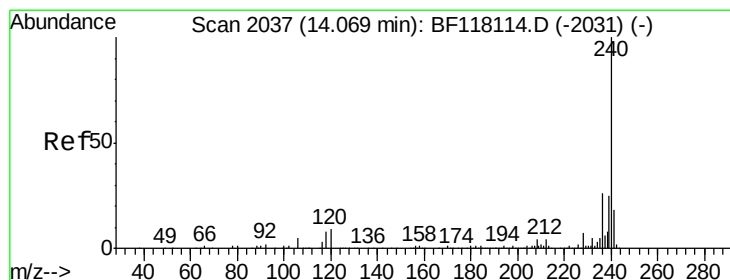
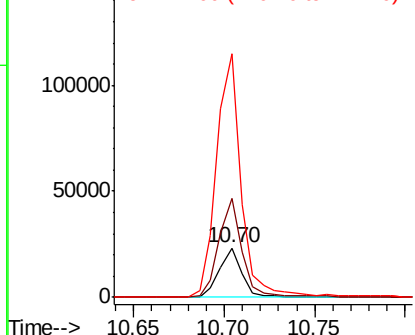
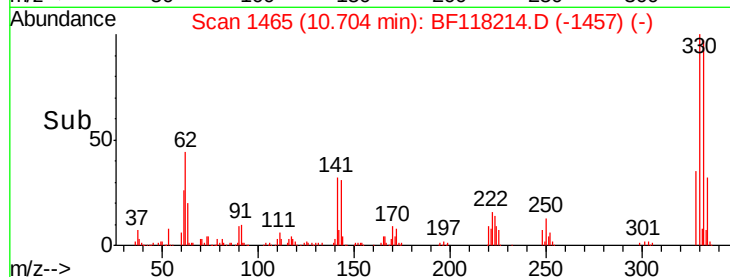
#67
4-Bromophenyl-phenylether
Concen: 4.820 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118214.D
Acq: 16 Dec 2019 23:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 20491
Ion Ratio Lower Upper
248 100
250 200.9 78.3 117.5#
141 491.2 52.2 78.4#

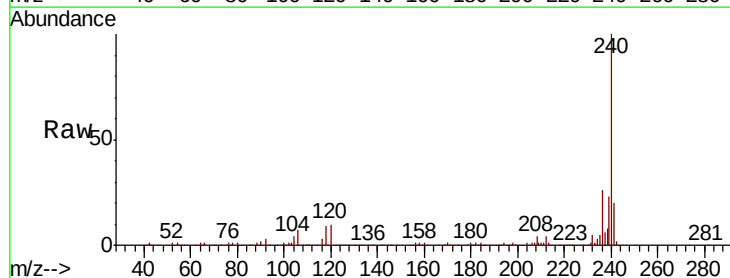


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

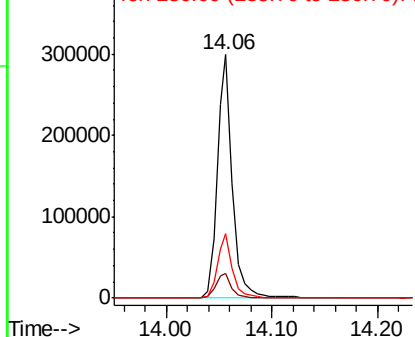
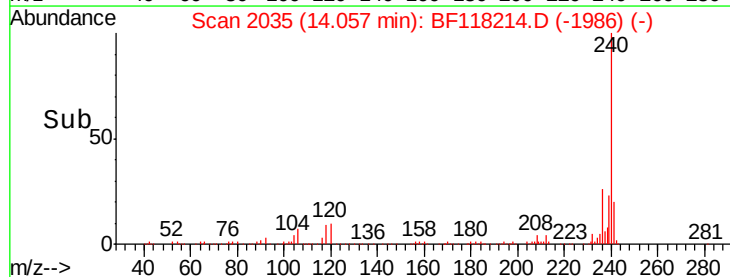


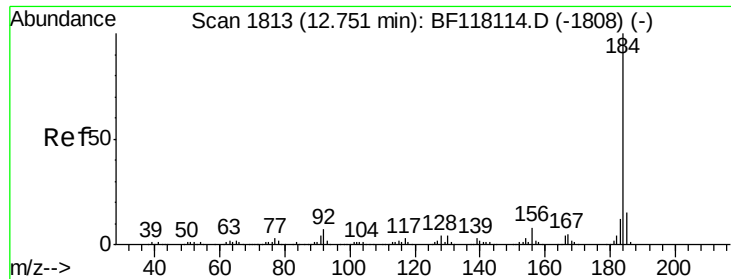
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118214.D
Acq: 16 Dec 2019 23:31

Tgt Ion:240 Resp: 300335
Ion Ratio Lower Upper
240 100
120 10.1 7.1 10.7
236 26.3 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: 4.138 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118214.D

Acq: 16 Dec 2019 23:31

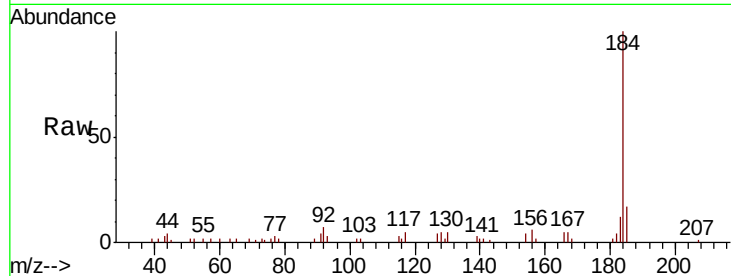
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 32716

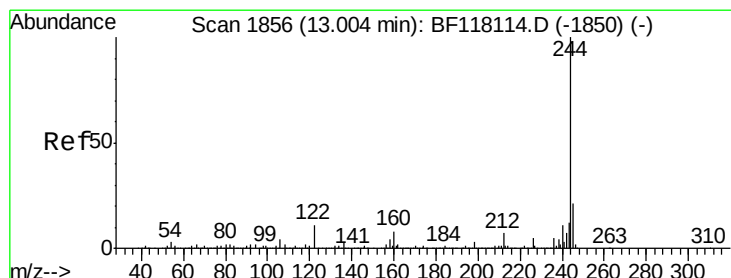
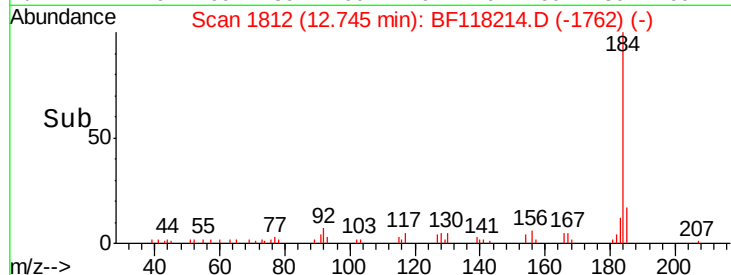
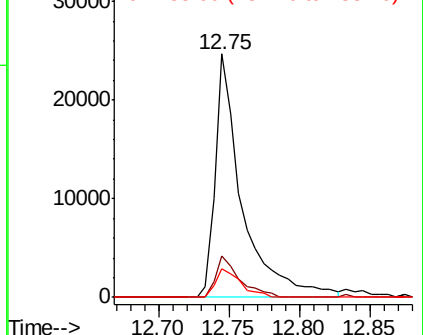
Ion	Ratio	Lower	Upper
184	100		
185	17.1	12.3	18.5
183	11.9	9.9	14.9



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: 93.574 ng

RT: 13.00 min Scan# 1855

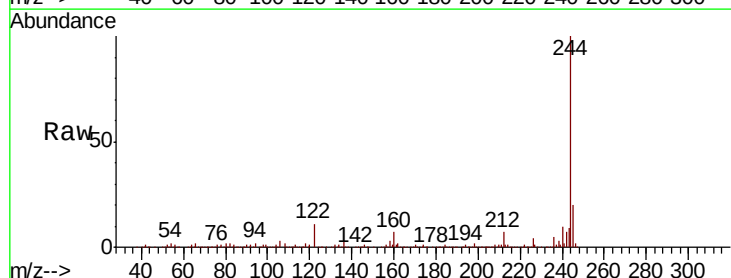
Delta R.T. -0.01 min

Lab File: BF118214.D

Acq: 16 Dec 2019 23:31

Tgt Ion:244 Resp: 1634284

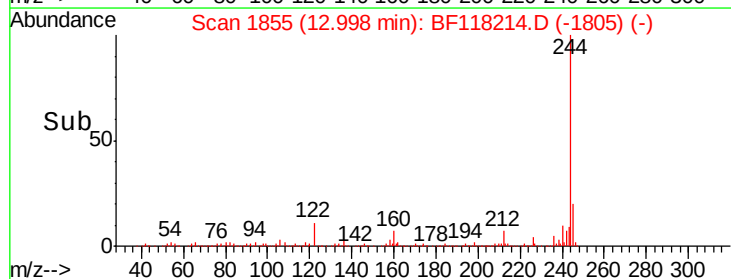
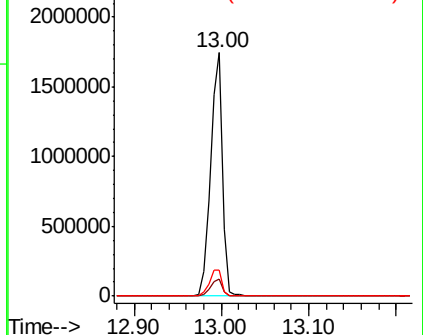
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.6	9.0	13.6

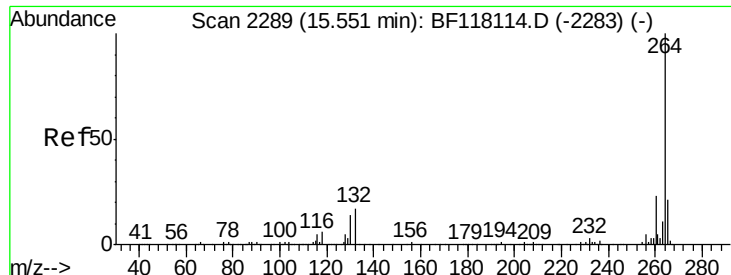


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

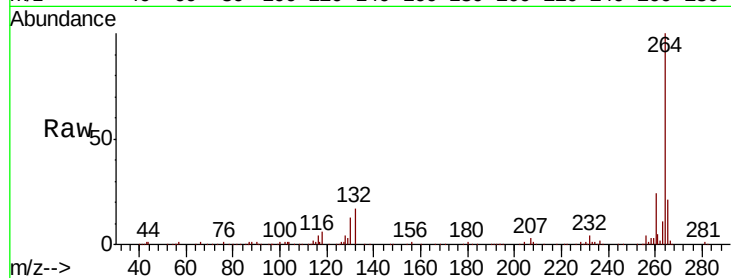




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF118214.D
 Acq: 16 Dec 2019 23:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 291564
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 20.9 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

