

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118282.D
 Acq On : 19 Dec 2019 16:30
 Operator : JU
 Sample : PB125606BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:12:38 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

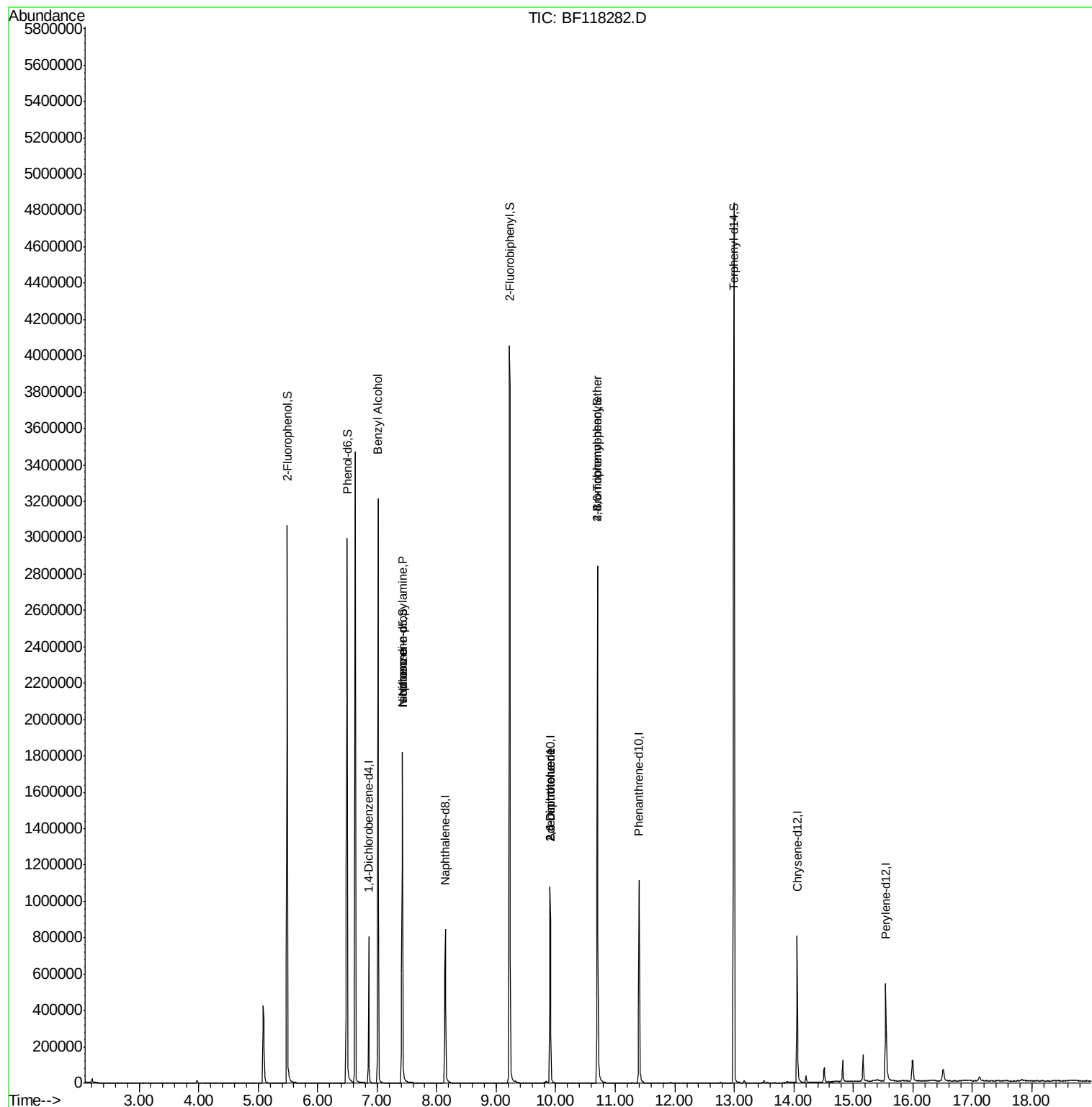
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117614	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	459341	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	245457	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	476900	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	315268	20.00	ng	-0.02
87) Perylene-d12	15.54	264	253134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	936101	139.40	ng	0.00
7) Phenol-d6	6.49	99	1186631	146.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	714614	87.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	413006	138.51	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1493180	92.57	ng	-0.01
79) Terphenyl-d14	12.99	244	1863581	101.65	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	1544	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	7.02	79	12761	2.013 ng	#	47
19) n-Nitroso-di-n-propylamine	7.42	70	96702	19.593 ng	#	75
25) Isophorone	7.42	82	696631	50.330 ng	#	62
51) 2,6-Dinitrotoluene	9.90	165	31681	8.036 ng	#	27
57) 2,4-Dinitrotoluene	9.90	165	31681	6.021 ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	25278	4.643 ng	#	1

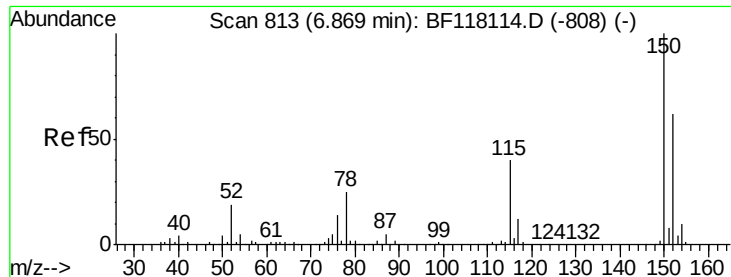
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
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Quant Time: Dec 20 02:12:38 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



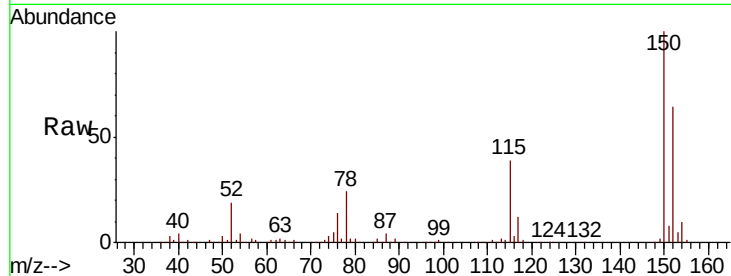


#1

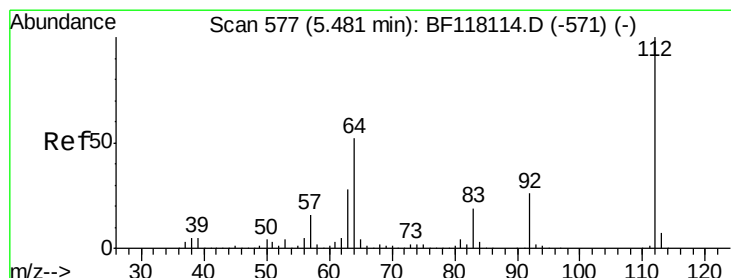
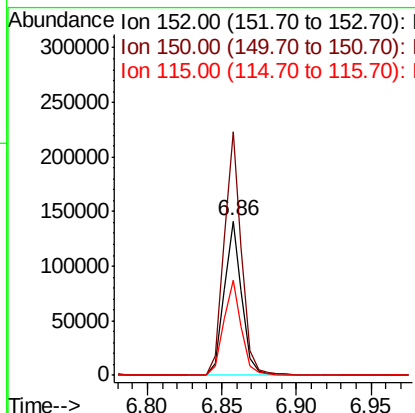
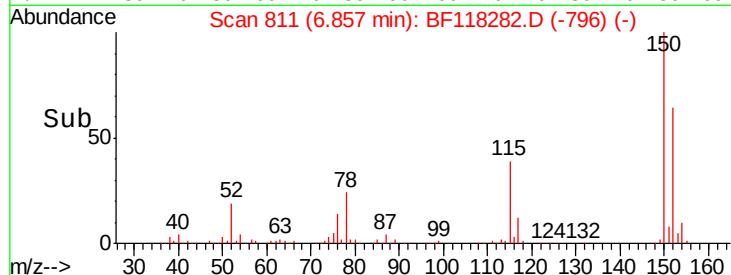
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118282.D
 Acq: 19 Dec 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 117614
 Ion Ratio Lower Upper
 152 100
 150 157.5 128.3 192.5
 115 61.3 51.1 76.7



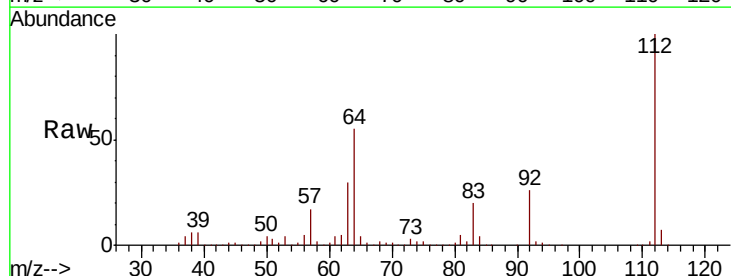
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



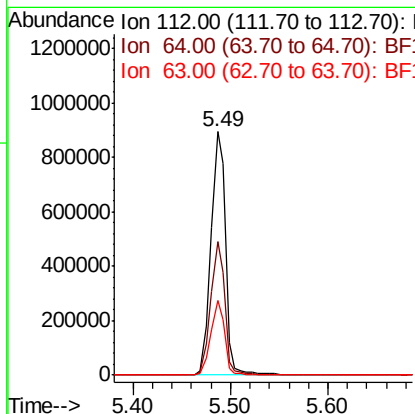
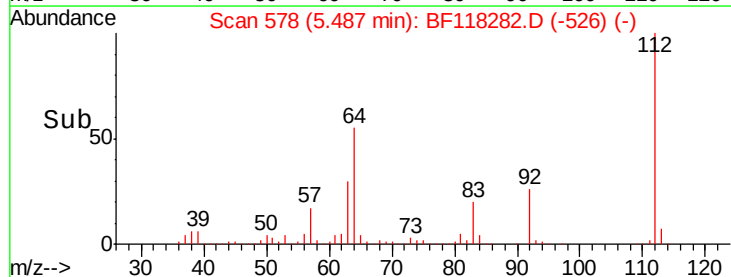
#5

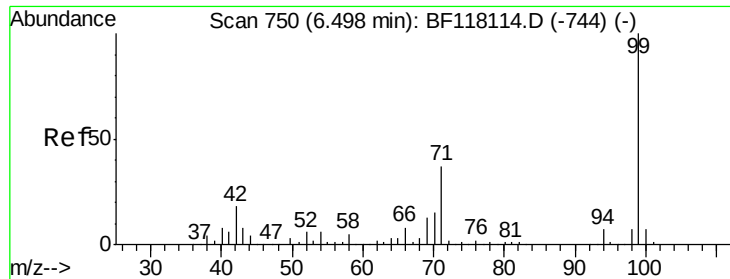
2-Fluorophenol
 Concen: 139.401 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF118282.D
 Acq: 19 Dec 2019 16:30

Tgt Ion:112 Resp: 936101
 Ion Ratio Lower Upper
 112 100
 64 54.8 41.3 61.9
 63 30.5 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: 146.097 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118282.D

Acq: 19 Dec 2019 16:30

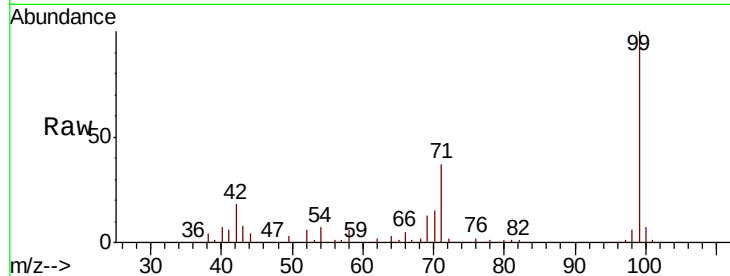
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1186631

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.1	21.1
71	37.4	29.7	44.5

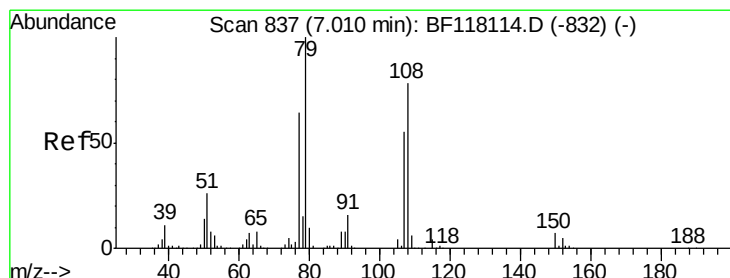
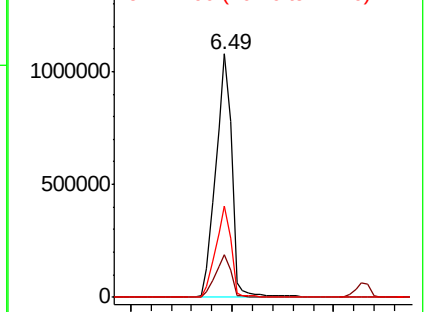
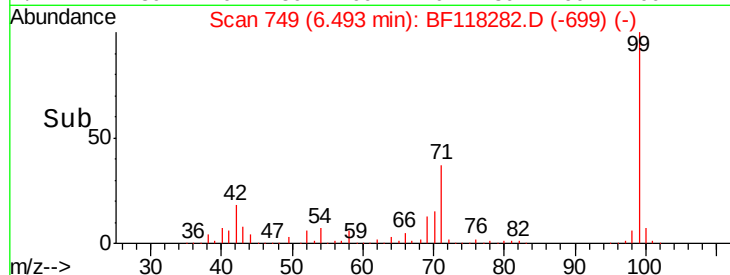


Abundance

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: 2.013 ng

RT: 7.02 min Scan# 838

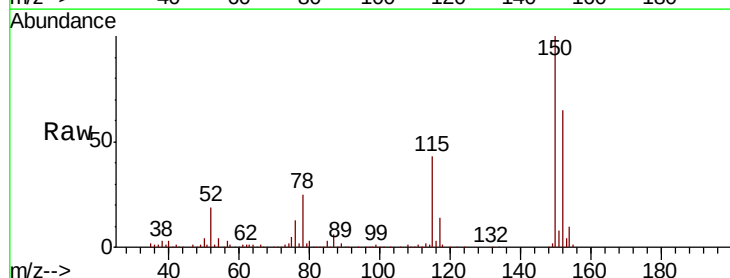
Delta R.T. 0.01 min

Lab File: BF118282.D

Acq: 19 Dec 2019 16:30

Tgt Ion: 79 Resp: 12761

Ion	Ratio	Lower	Upper
79	100		
108	32.1	62.7	94.1#
77	105.9	51.4	77.2#

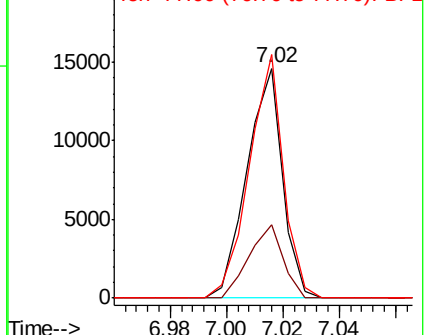
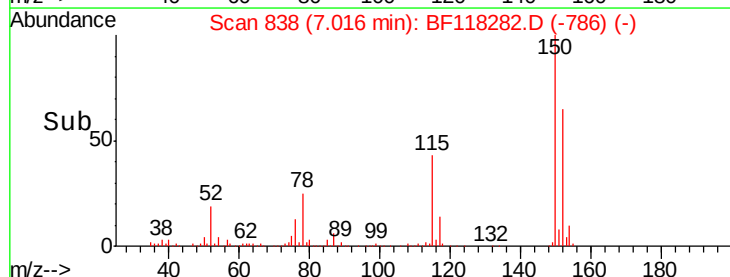


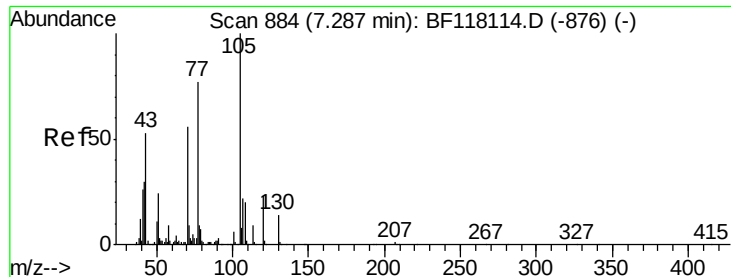
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

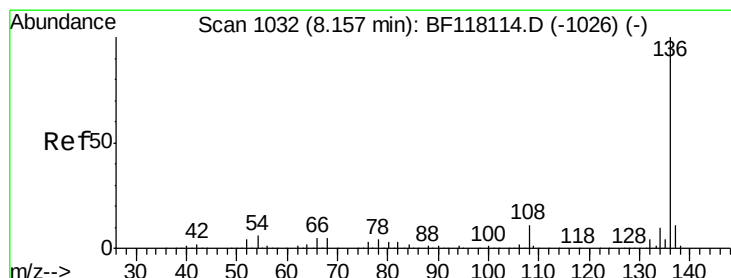
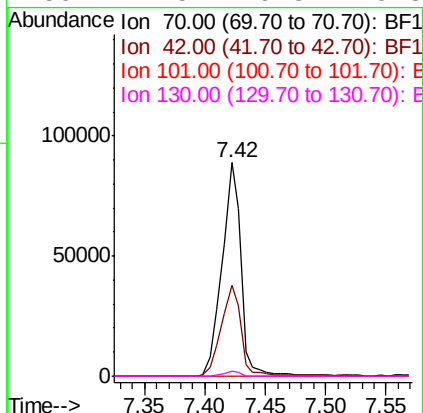
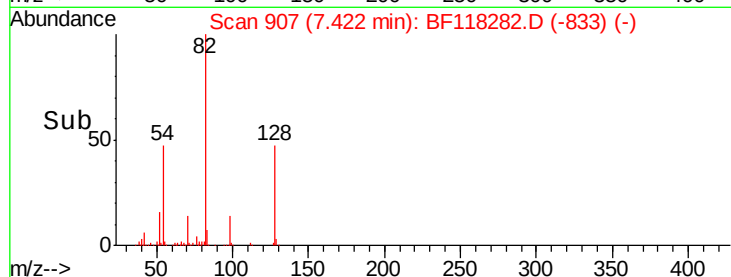
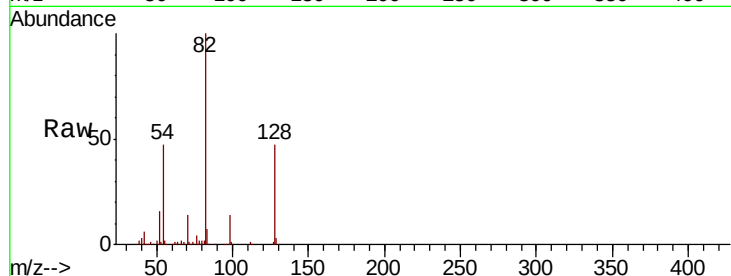




#19
n-Nitroso-di-n-propylamine
Concen: 19.593 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118282.D
Acq: 19 Dec 2019 16:30

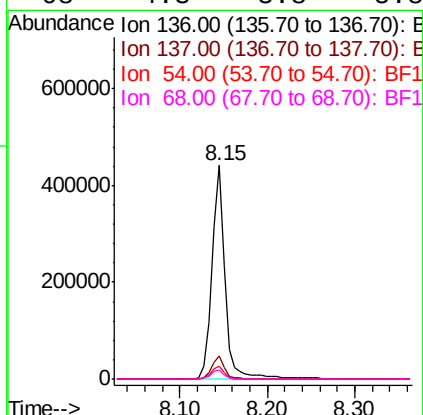
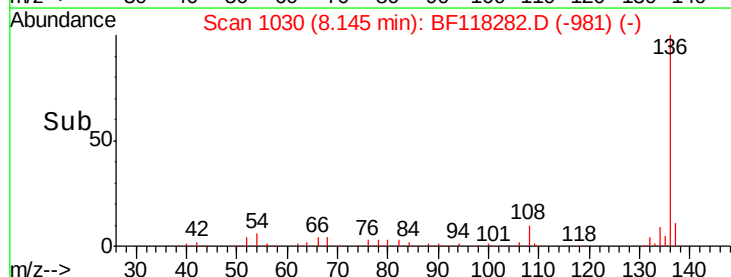
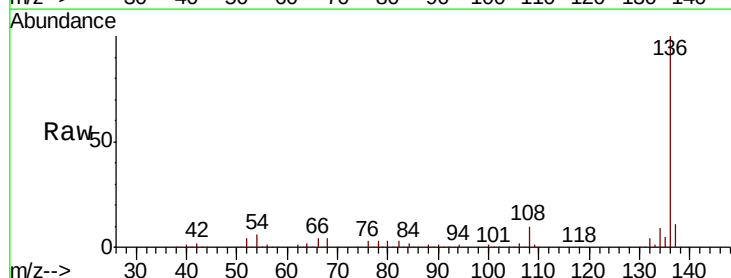
Instrument :
BNA_F
ClientSampleId :

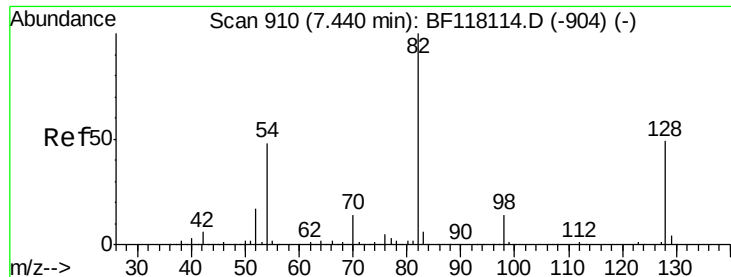
Tot Ion: 70 Resp: 96702
Ion Ratio Lower Upper
70 100
42 42.7 43.2 64.8#
101 0.0 8.1 12.1#
130 2.5 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118282.D
Acq: 19 Dec 2019 16:30

Tgt Ion: 136 Resp: 459341
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 5.8 5.0 7.6
68 4.3 3.8 5.8

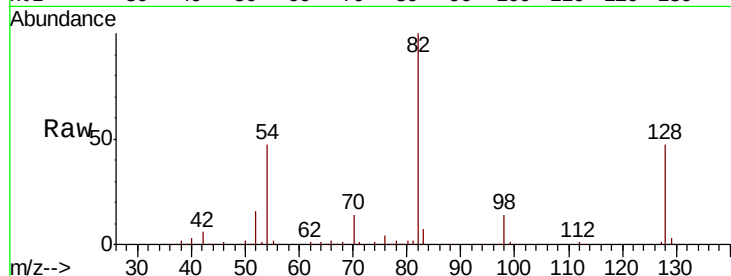




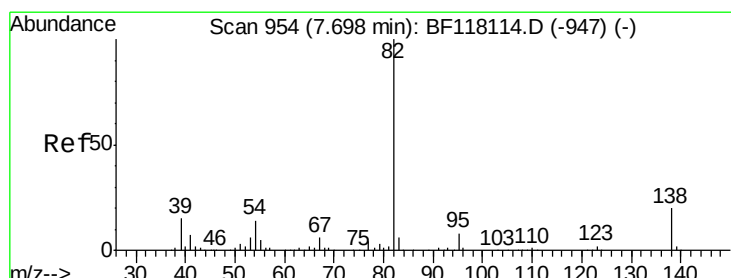
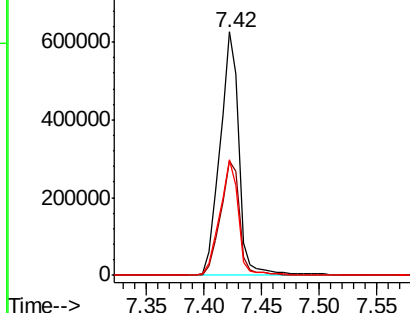
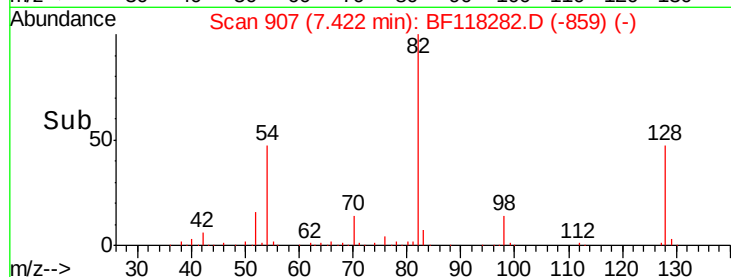
#23
Nitrobenzene-d5
Concen: 87.522 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118282.D
Acq: 19 Dec 2019 16:30

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 714614
Ion Ratio Lower Upper
82 100
128 47.0 39.1 58.7
54 47.3 38.2 57.2

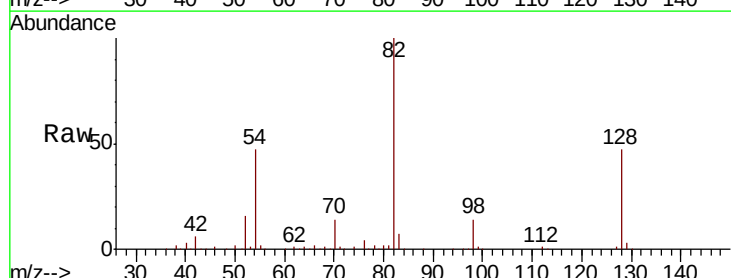


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

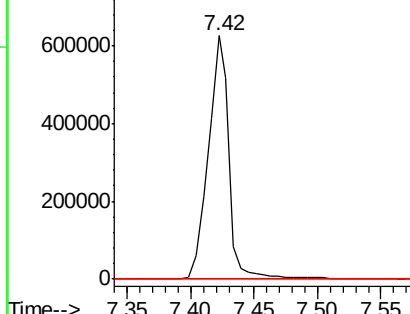
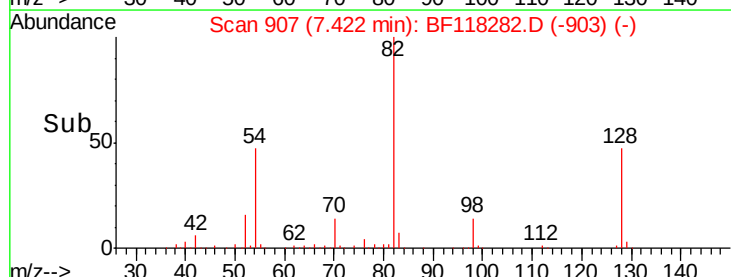


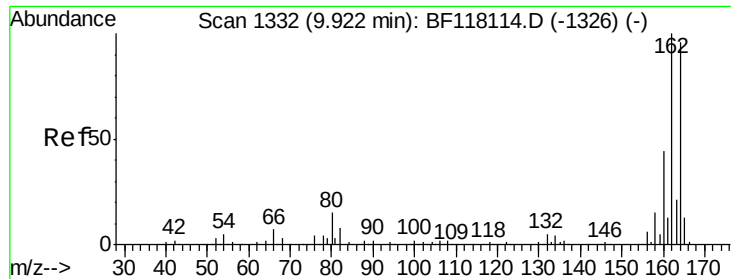
#25
Isophorone
Concen: 50.330 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118282.D
Acq: 19 Dec 2019 16:30

Tgt Ion: 82 Resp: 696631
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: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF118282.D

Acq: 19 Dec 2019 16:30

Instrument :

BNA_F

ClientSampleId :

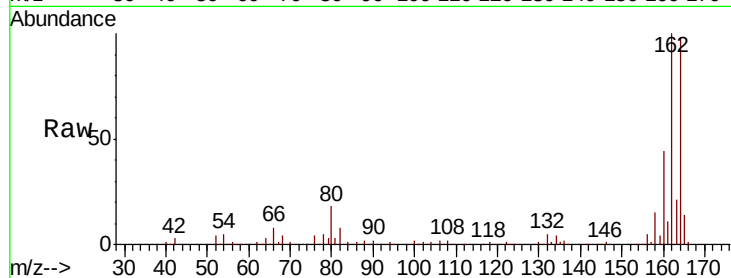
Tot Ion:164 Resp: 245457

Ion Ratio Lower Upper

164 100

162 101.7 83.4 125.0

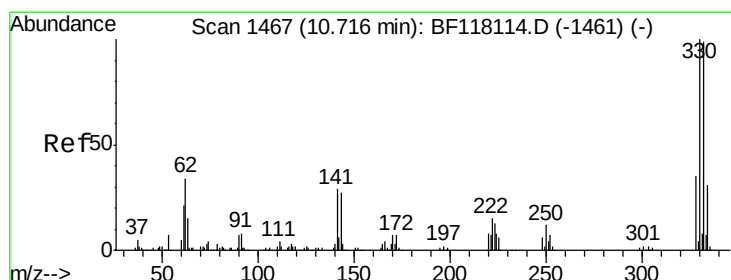
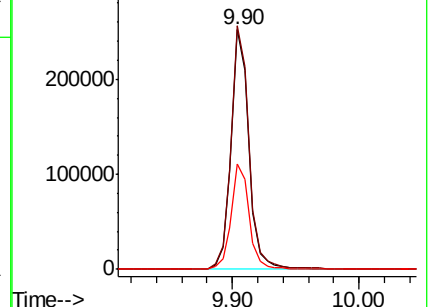
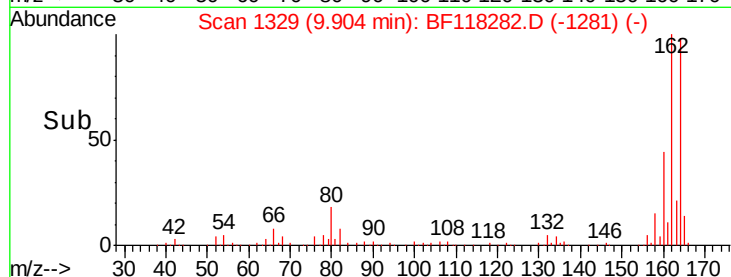
160 44.3 36.6 54.8



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: 138.506 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118282.D

Acq: 19 Dec 2019 16:30

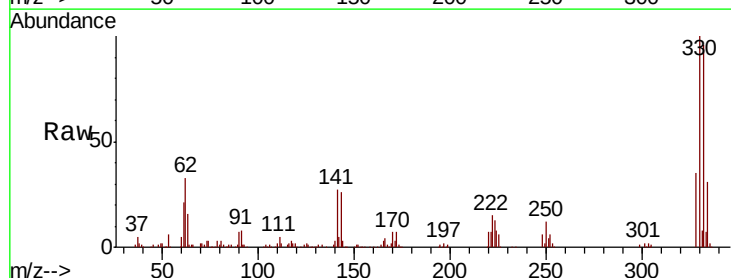
Tgt Ion:330 Resp: 413006

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

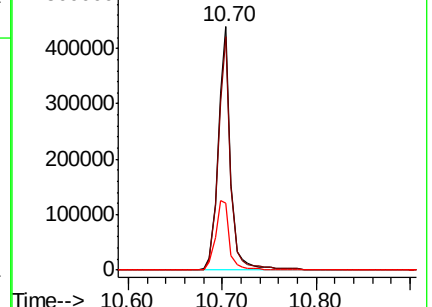
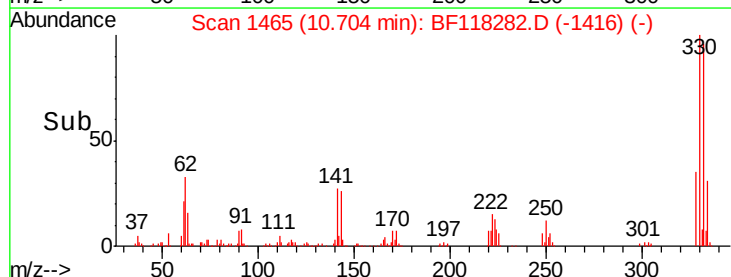
141 32.5 26.9 40.3

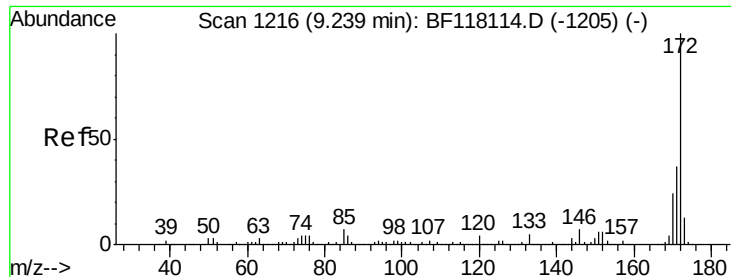


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

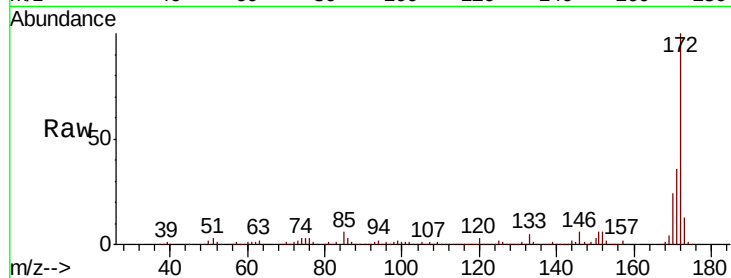




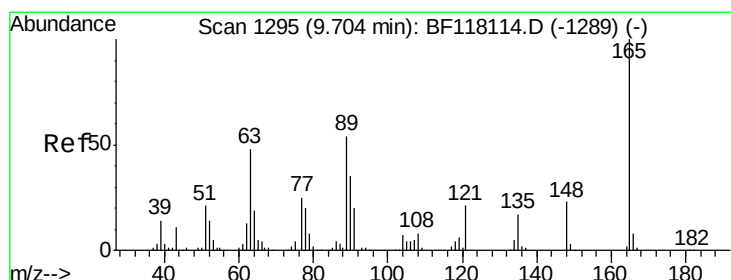
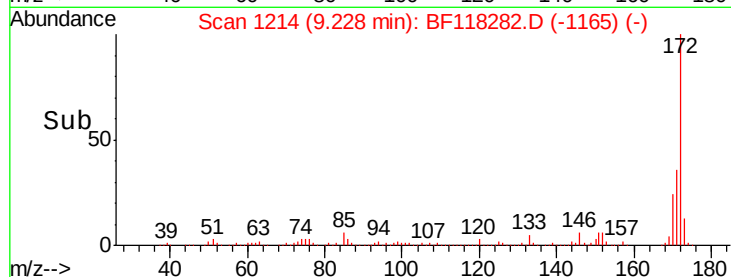
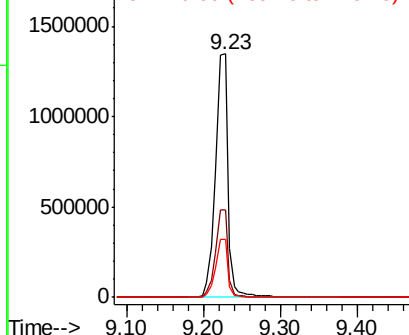
#45
2-Fluorobiphenyl
Concen: 92.566 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118282.D
Acq: 19 Dec 2019 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1493180
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 23.7 19.4 29.2

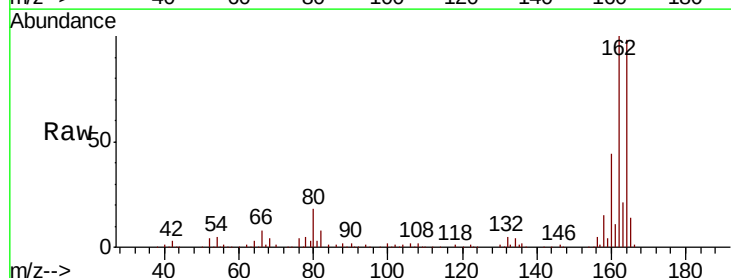


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

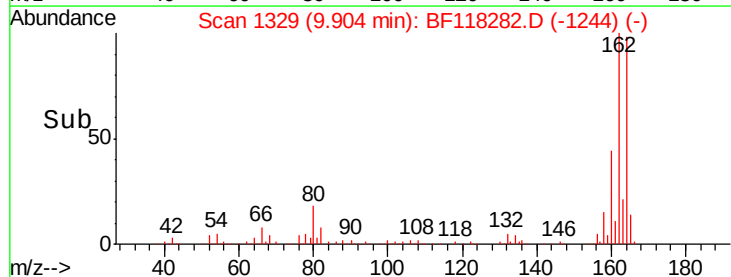
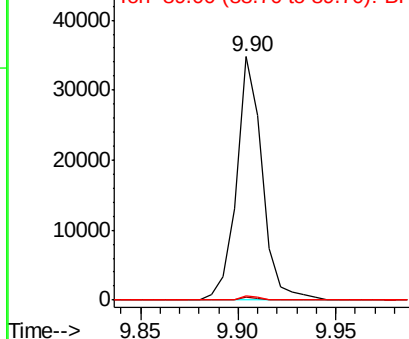


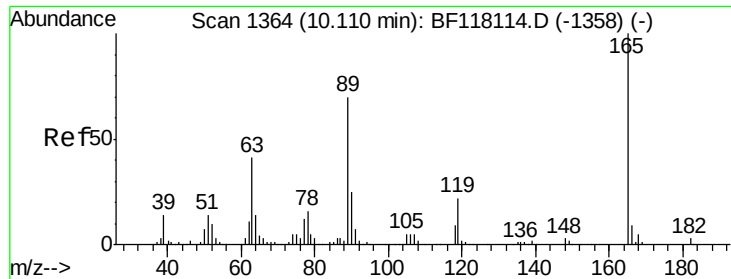
#51
2,6-Dinitrotoluene
Concen: 8.036 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF118282.D
Acq: 19 Dec 2019 16:30

Tgt Ion:165 Resp: 31681
Ion Ratio Lower Upper
165 100
63 1.1 41.4 62.0#
89 1.5 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

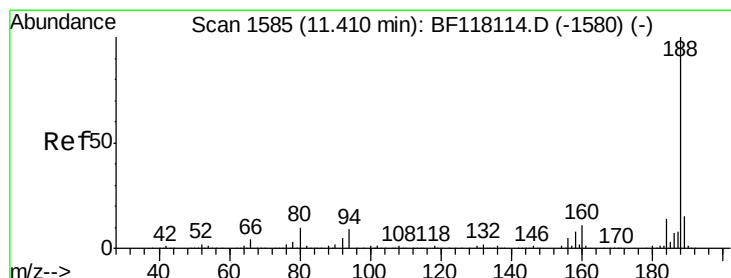
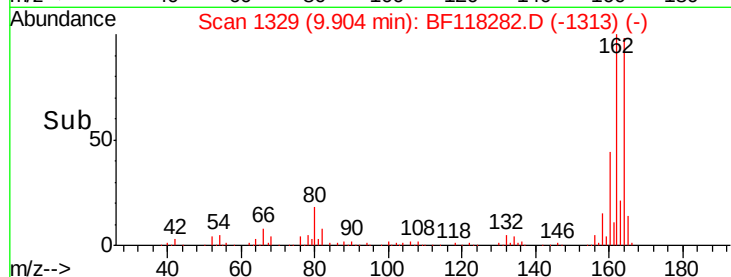
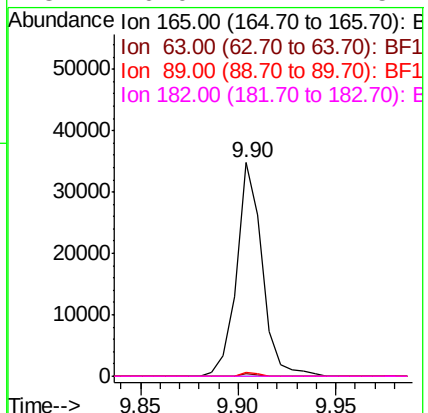
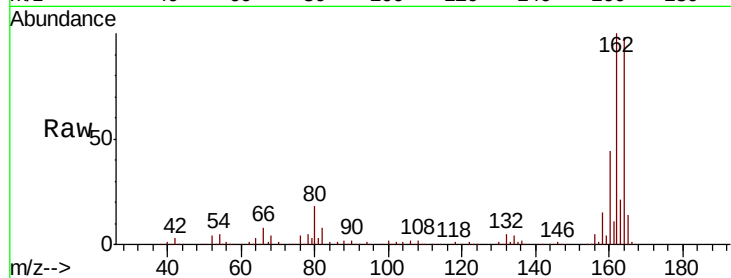




#57
 2,4-Dinitrotoluene
 Concen: 6.021 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF118282.D
 Acq: 19 Dec 2019 16:30

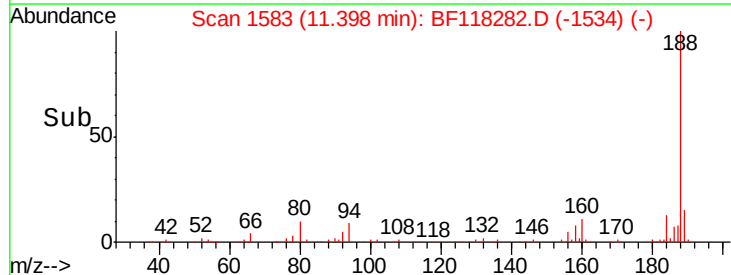
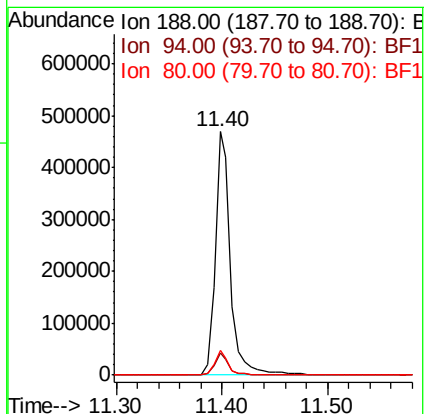
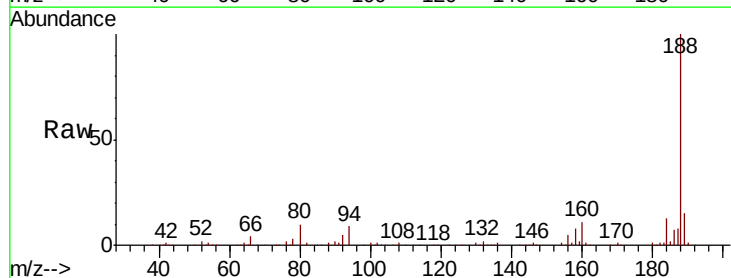
Instrument :
 BNA_F
 ClientSampled :

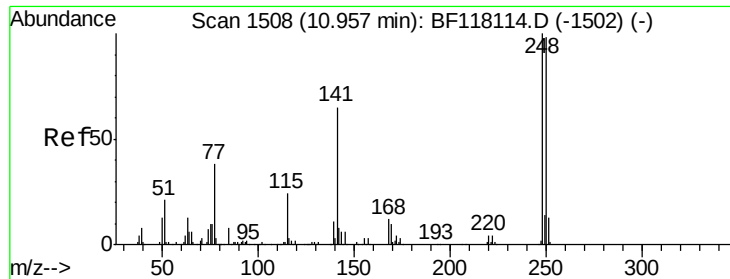
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.6	49.0#
89	1.5	56.1	84.1#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118282.D
 Acq: 19 Dec 2019 16:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.0	7.9	11.9





#67

4-Bromophenyl-phenylether

Concen: 4.643 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF118282.D

Acq: 19 Dec 2019 16:30

Instrument :

BNA_F

ClientSampleId :

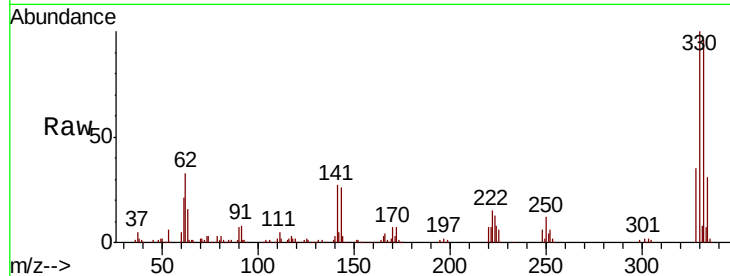
Tot Ion:248 Resp: 25278

Ion Ratio Lower Upper

248 100

250 196.5 78.3 117.5#

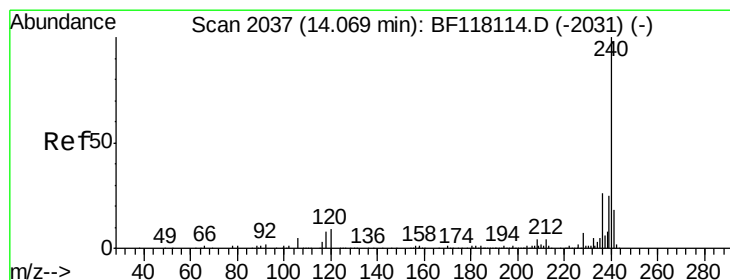
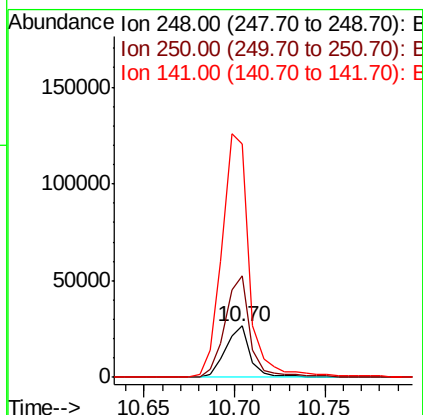
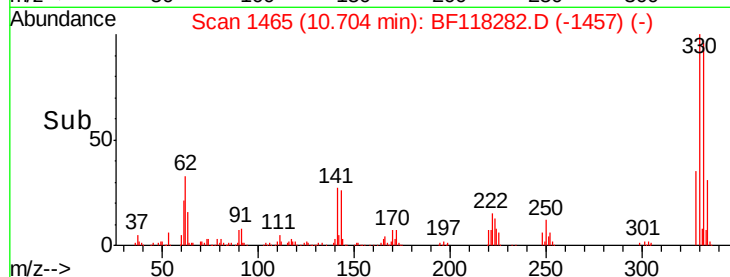
141 453.3 52.2 78.4#



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF118282.D

Acq: 19 Dec 2019 16:30

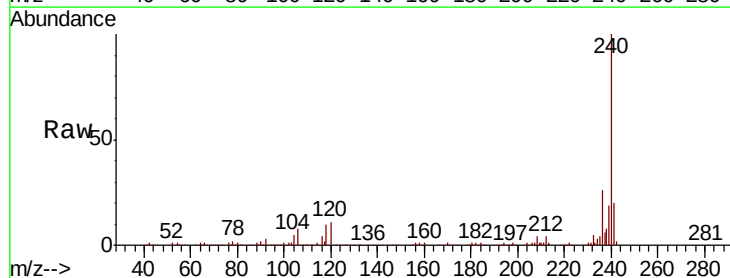
Tgt Ion:240 Resp: 315268

Ion Ratio Lower Upper

240 100

120 11.0 7.1 10.7#

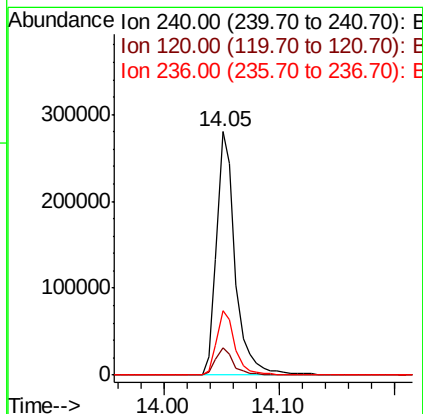
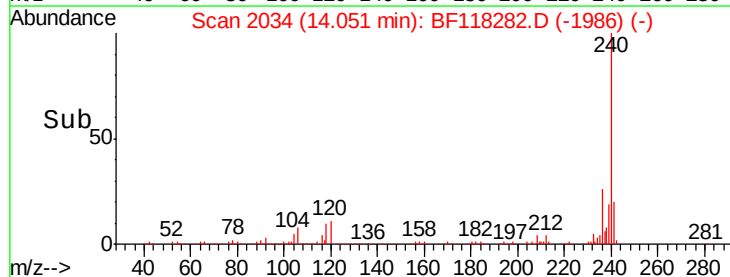
236 26.4 21.0 31.6

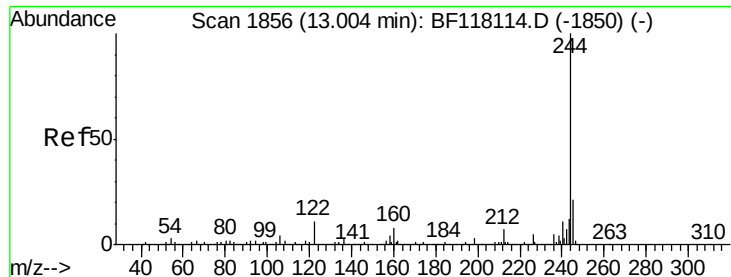


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.649 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118282.D

Acq: 19 Dec 2019 16:30

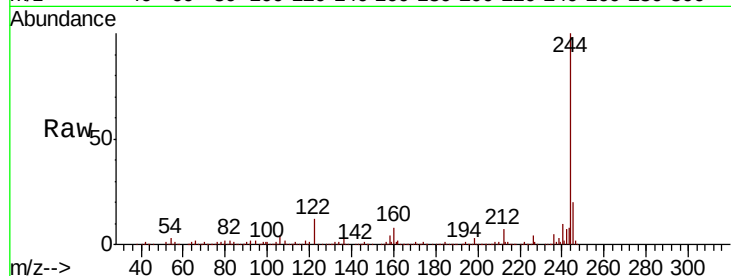
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1863581

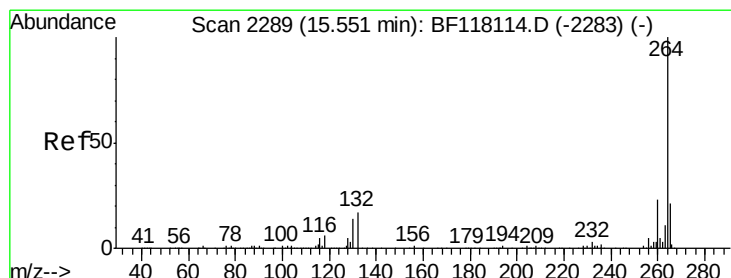
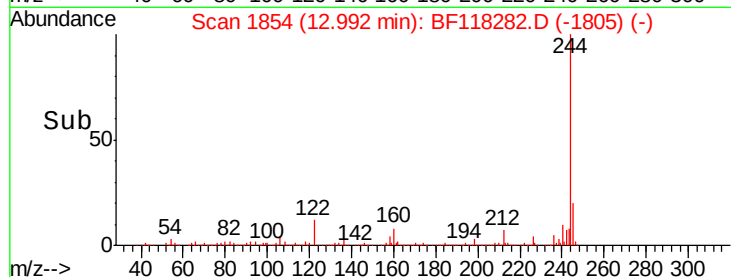
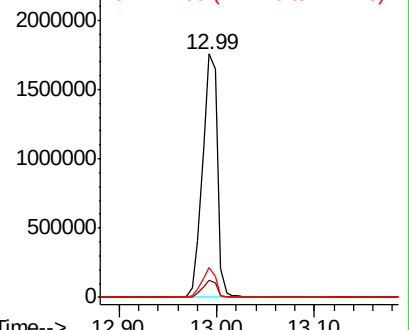
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.0	9.0	13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

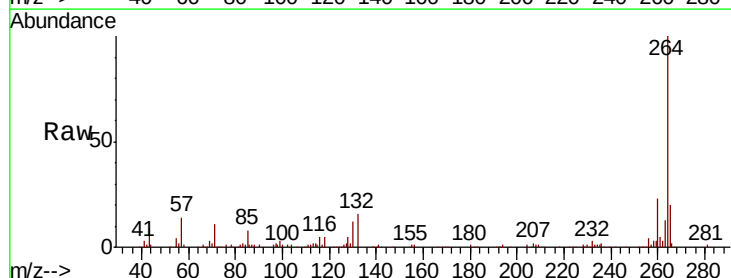
Delta R.T. -0.01 min

Lab File: BF118282.D

Acq: 19 Dec 2019 16:30

Tgt Ion:264 Resp: 253134

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	20.2	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

