

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115538.D
 Acq On : 12 Jul 2019 20:38
 Operator : HP/JU
 Sample : K3740-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:11:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

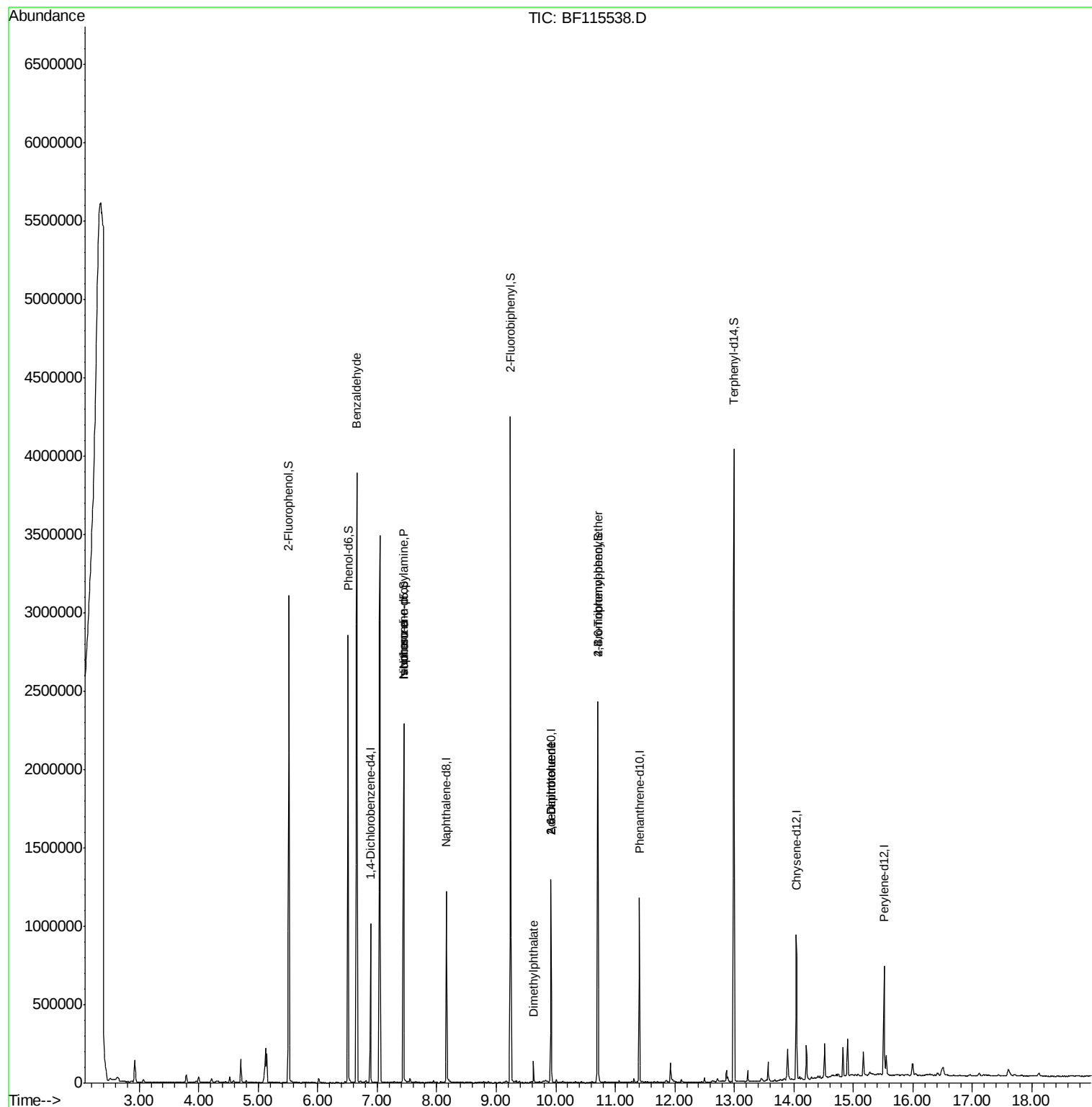
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	145926	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	537907	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	249264	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	406490	20.00	ng	0.00
76) Chrysene-d12	14.04	240	306516	20.00	ng	-0.01
87) Perylene-d12	15.52	264	337745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	978851	109.72	ng	0.01
7) Phenol-d6	6.51	99	1090733	96.35	ng	0.00
23) Nitrobenzene-d5	7.44	82	883518	95.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	349805	120.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1570561	110.28	ng	0.00
79) Terphenyl-d14	12.99	244	1389376	83.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	25217	3.565	ng	84
19) n-Nitroso-di-n-propylamine	7.44	70	117188	15.873	ng	# 79
25) Isophorone	7.44	82	877782	47.419	ng	# 64
50) Dimethylphthalate	9.63	163	51615	2.752	ng	97
51) 2,6-Dinitrotoluene	9.92	165	31386	7.364	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	31386	5.684	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	21454	4.619	ng	# 1

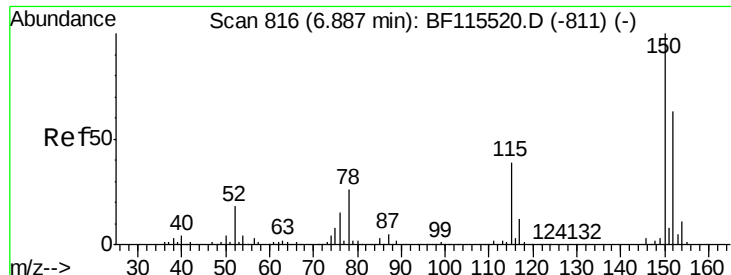
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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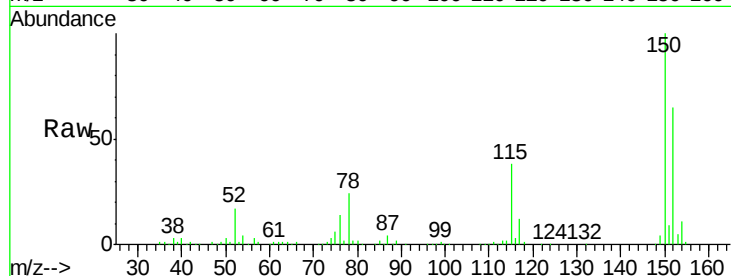


#1

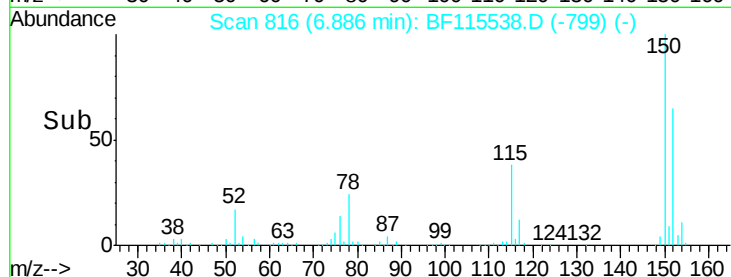
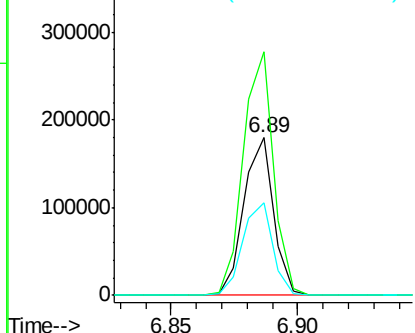
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115538.D
Acq: 12 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145926
Ion Ratio Lower Upper
152 100
150 154.5 129.7 194.5
115 58.4 48.2 72.4



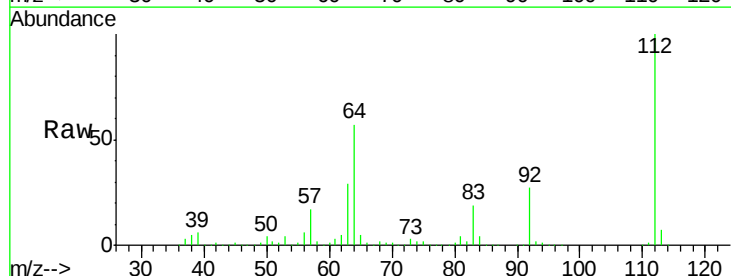
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



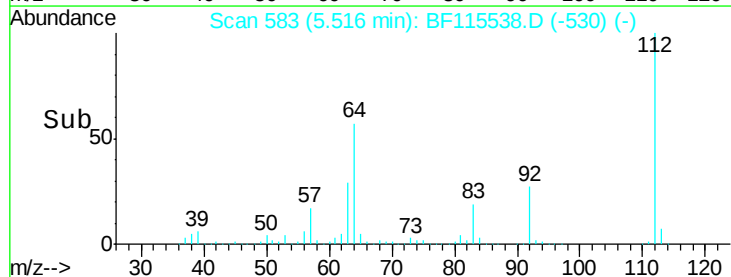
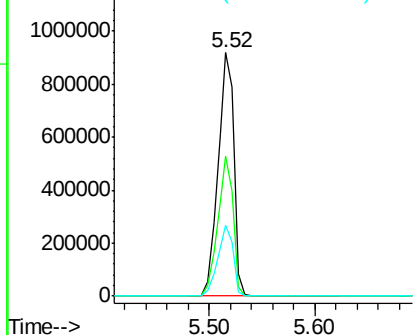
#5

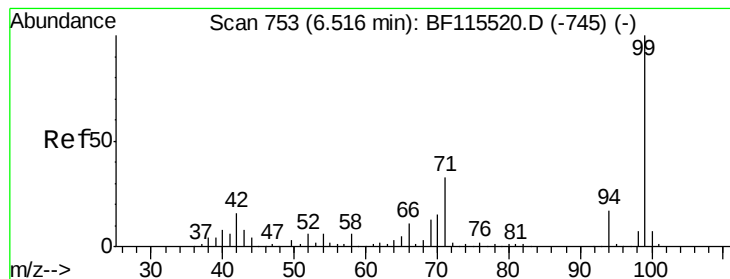
2-Fluorophenol
Concen: 109.721 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115538.D
Acq: 12 Jul 2019 20:38

Tgt Ion:112 Resp: 978851
Ion Ratio Lower Upper
112 100
64 57.4 46.8 70.2
63 29.3 24.1 36.1



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: 96.354 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115538.D

Acq: 12 Jul 2019 20:38

Instrument :

BNA_F

ClientSampled :

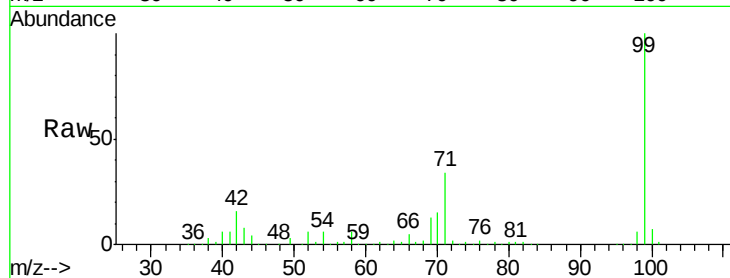
Tot Ion: 99 Resp: 1090733

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

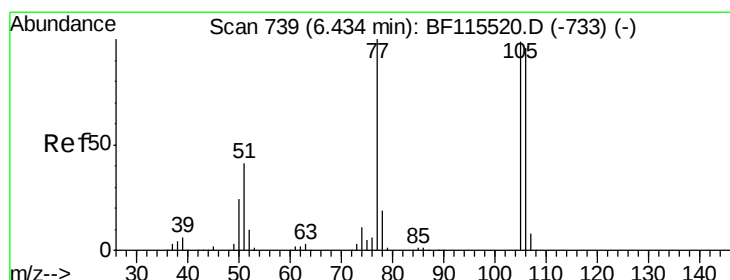
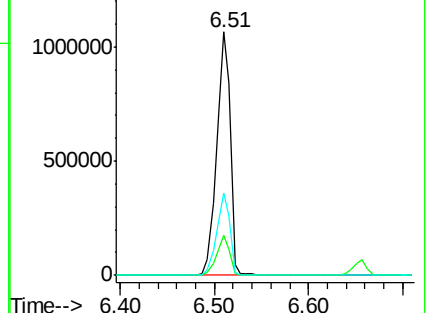
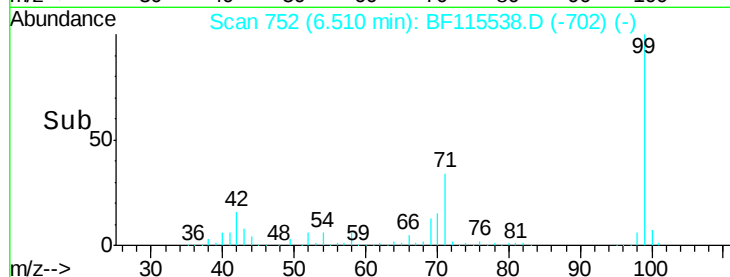
71 34.0 28.5 42.7



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



#9

Benzaldehyde

Concen: 3.565 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF115538.D

Acq: 12 Jul 2019 20:38

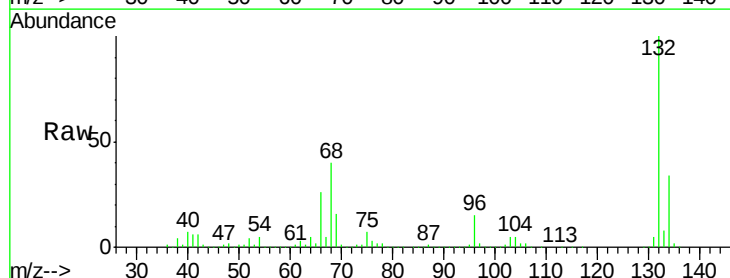
Tgt Ion: 77 Resp: 25217

Ion Ratio Lower Upper

77 100

105 85.7 78.8 118.8

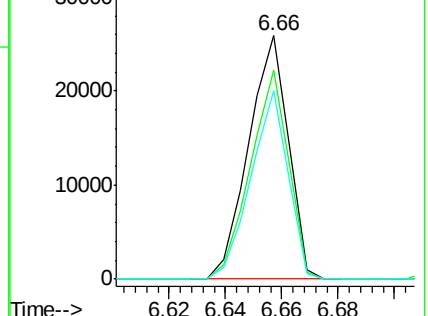
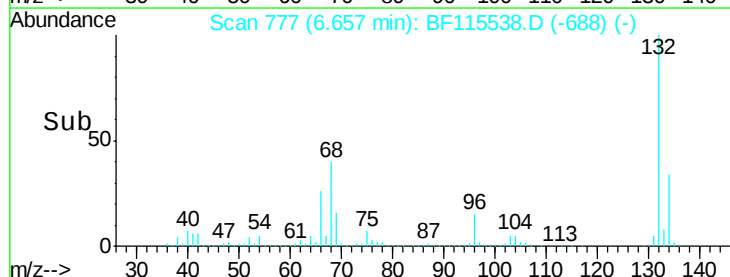
106 77.7 75.6 115.6

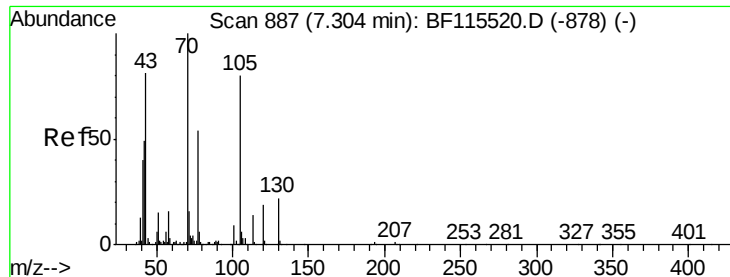


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

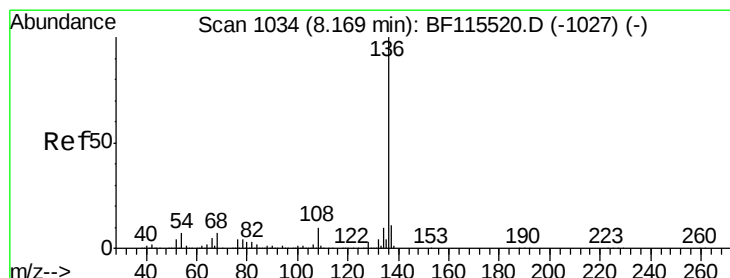
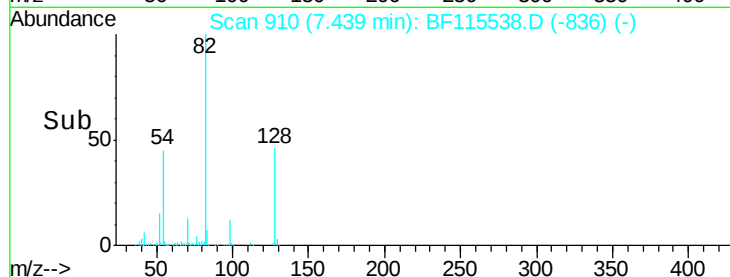
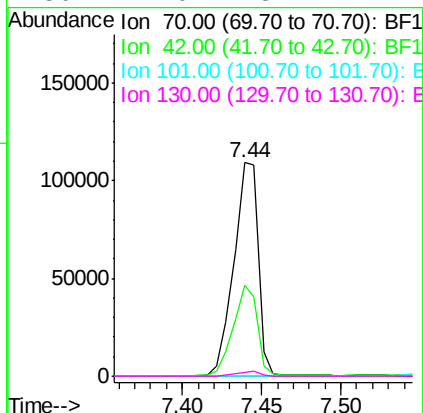
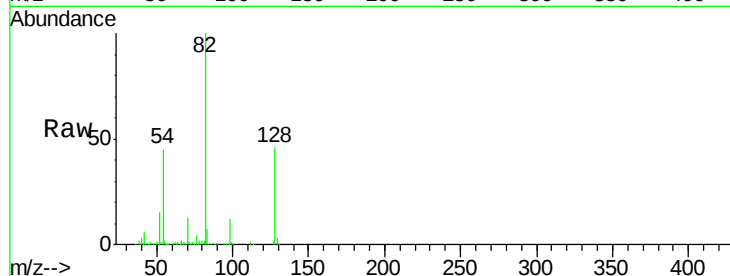




#19
n-Nitroso-di-n-propylamine
Concen: 15.873 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115538.D
Acq: 12 Jul 2019 20:38

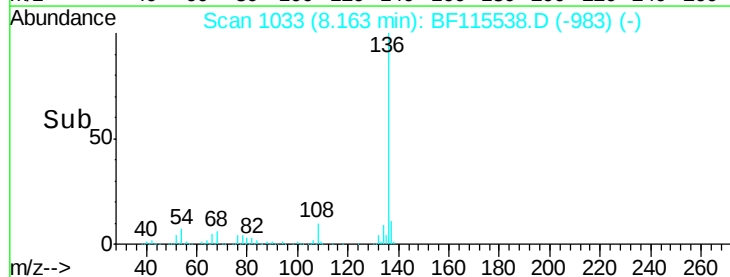
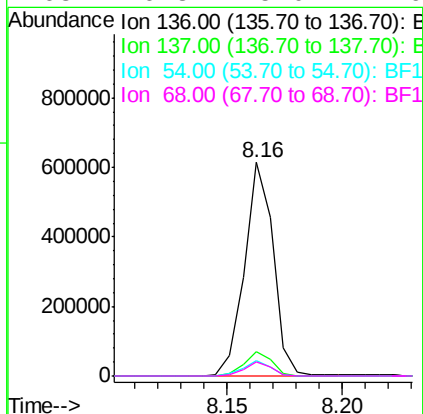
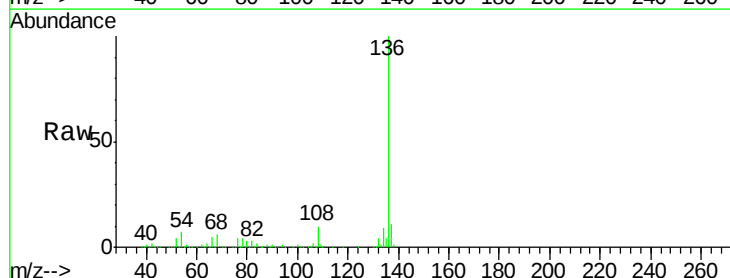
Instrument :
BNA_F
ClientSampleId :

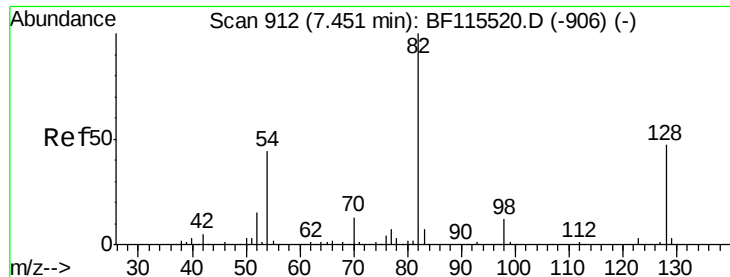
Tot Ion: 70 Resp: 117188
Ion Ratio Lower Upper
70 100
42 42.5 39.6 59.4
101 0.0 8.1 12.1#
130 2.0 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115538.D
Acq: 12 Jul 2019 20:38

Tgt Ion: 136 Resp: 537907
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.1 5.6 8.4
68 6.3 5.0 7.6

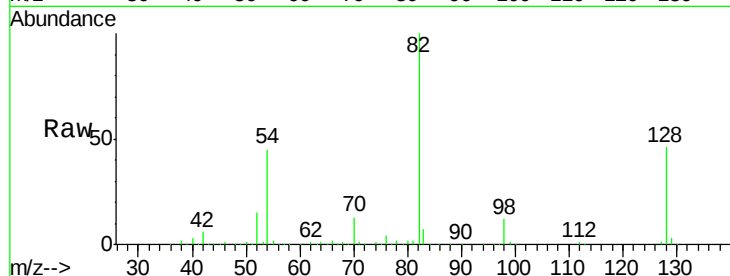




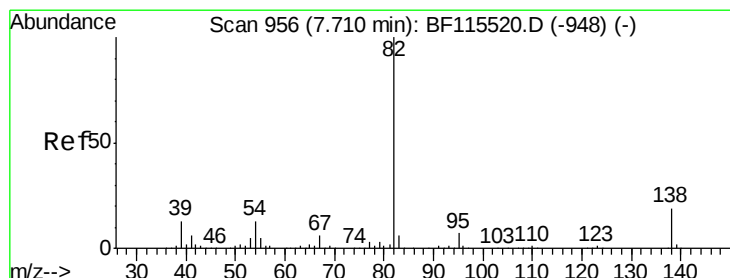
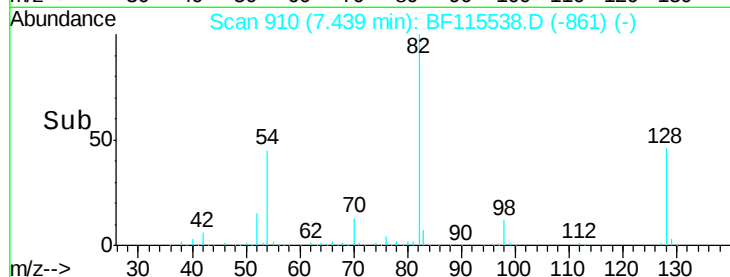
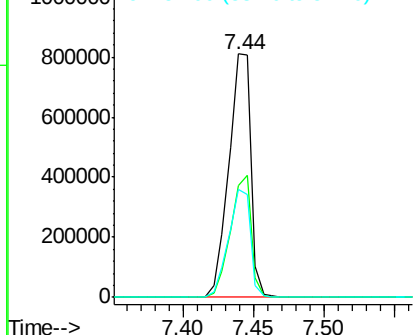
#23
 Nitrobenzene-d5
 Concen: 95.506 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115538.D
 Acq: 12 Jul 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 883518
 Ion Ratio Lower Upper
 82 100
 128 45.7 38.6 57.8
 54 44.6 35.6 53.4

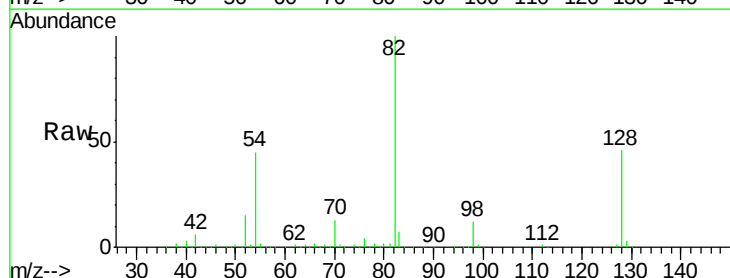


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

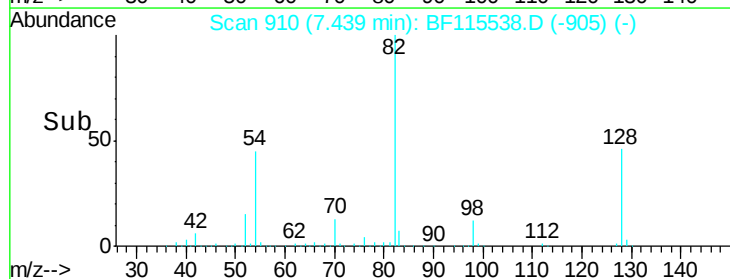
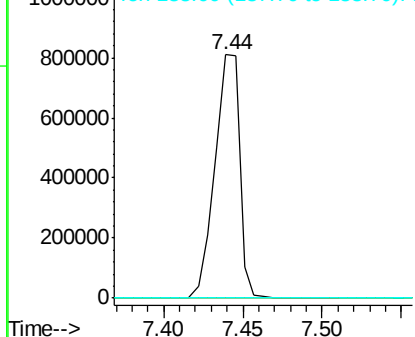


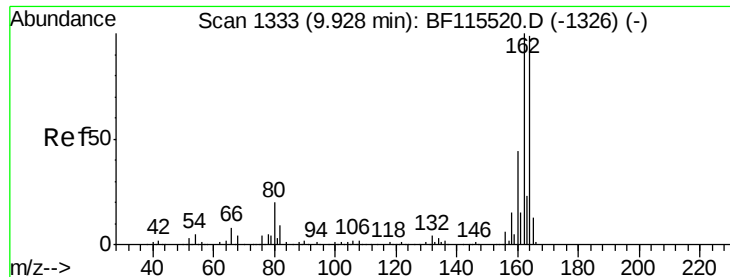
#25
 Isophorone
 Concen: 47.419 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.27 min
 Lab File: BF115538.D
 Acq: 12 Jul 2019 20:38

Tgt Ion: 82 Resp: 877782
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 14.9 22.3#



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

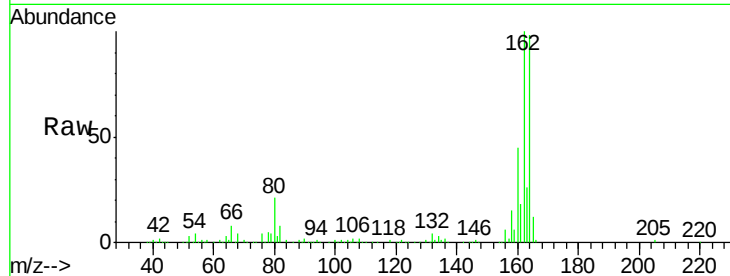




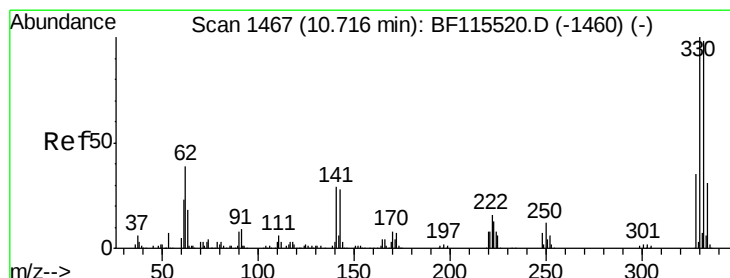
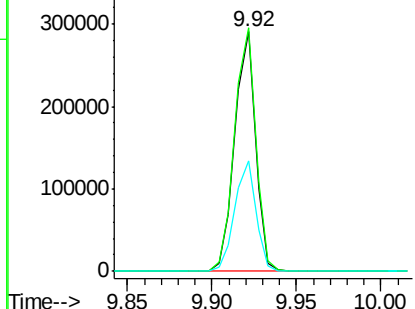
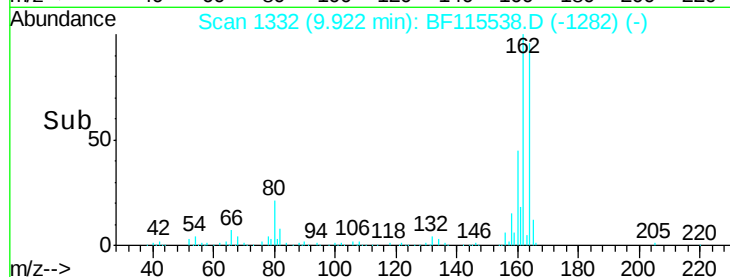
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115538.D
 Acq: 12 Jul 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 249264
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.9 124.3
 160 46.0 36.8 55.2

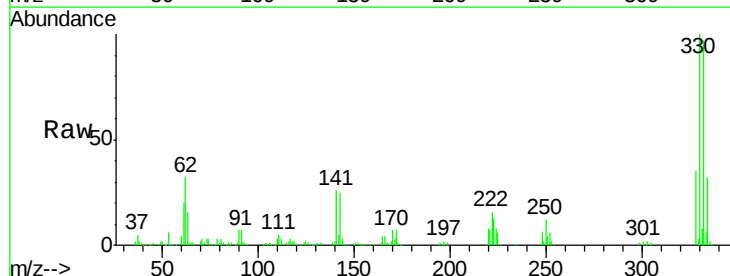


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

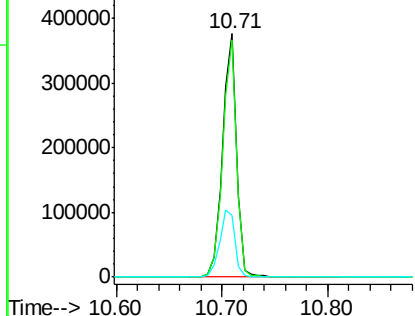
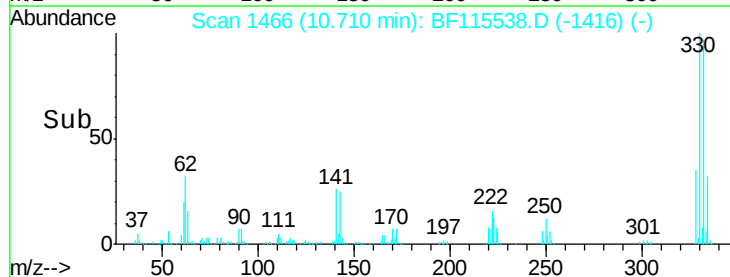


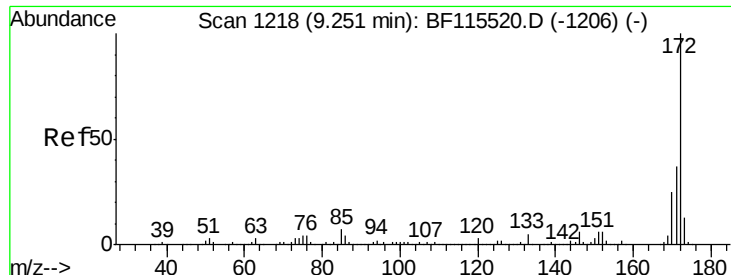
#42
 2,4,6-Tribromophenol
 Concen: 120.228 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115538.D
 Acq: 12 Jul 2019 20:38

Tgt Ion:330 Resp: 349805
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 30.5 22.4 33.6



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

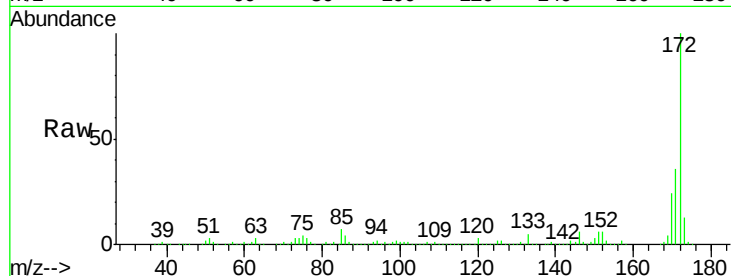




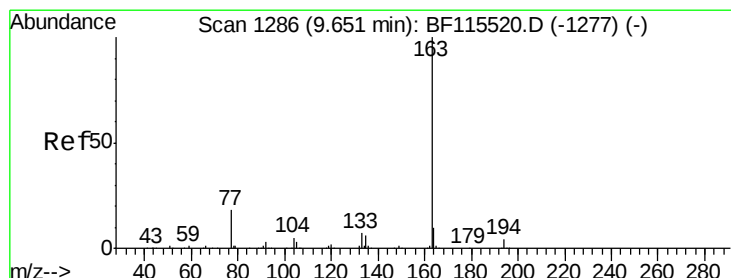
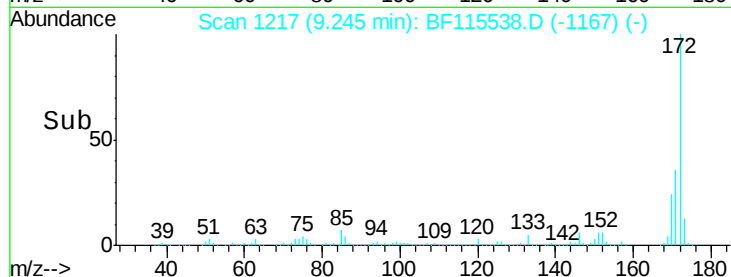
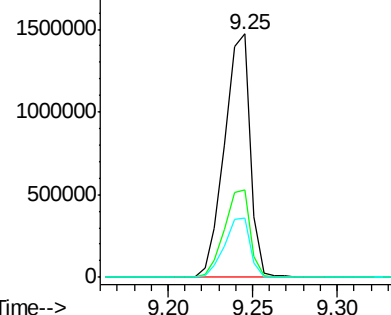
#45
2-Fluorobiphenyl
Concen: 110.282 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115538.D
Acq: 12 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1570561
Ion Ratio Lower Upper
172 100
171 36.1 30.6 46.0
170 24.5 20.5 30.7

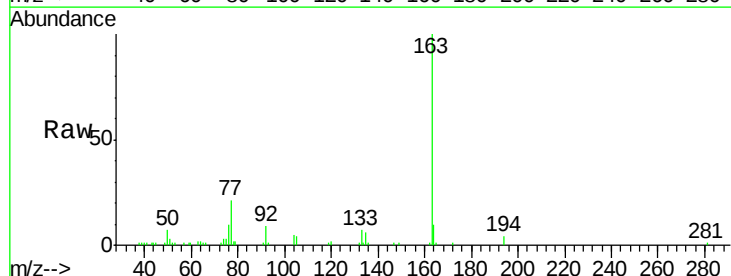


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

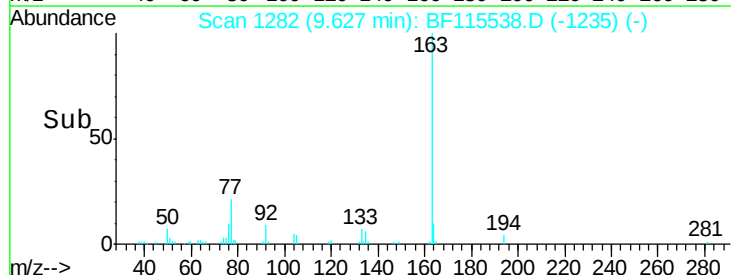
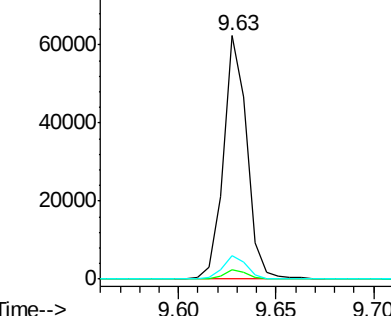


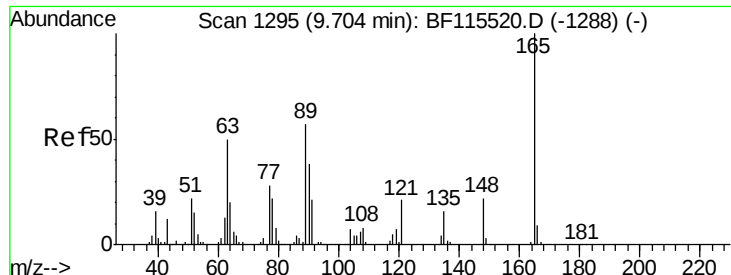
#50
Dimethylphthalate
Concen: 2.752 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115538.D
Acq: 12 Jul 2019 20:38

Tgt Ion:163 Resp: 51615
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
80000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

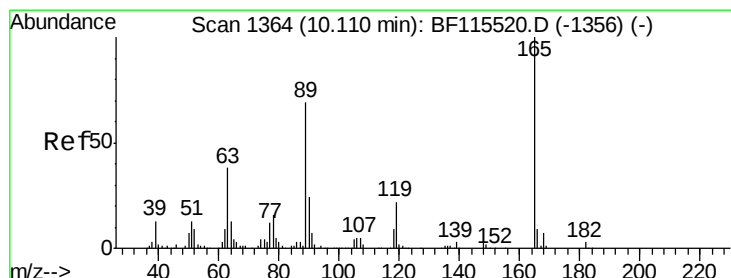
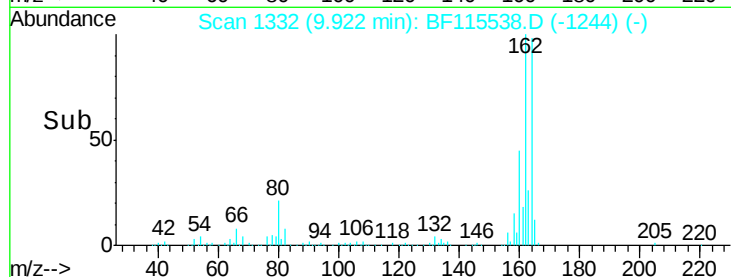
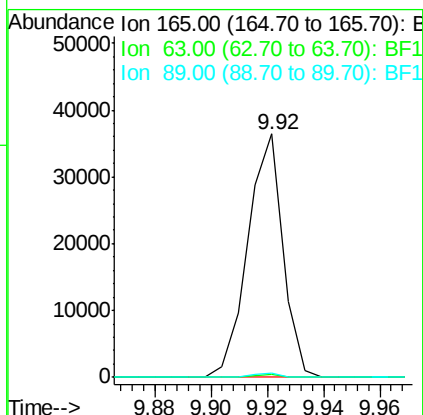
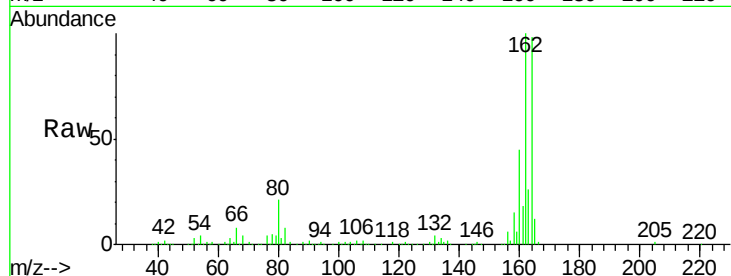




#51
 2,6-Dinitrotoluene
 Concen: 7.364 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.22 min
 Lab File: BF115538.D
 Acq: 12 Jul 2019 20:38

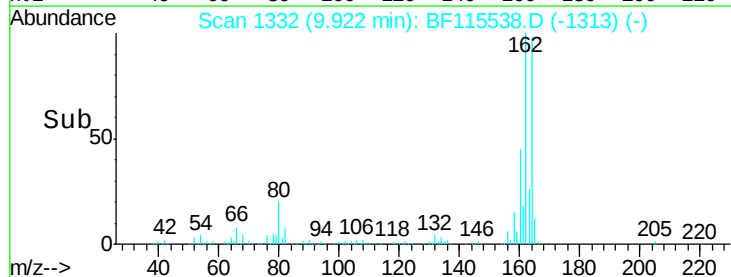
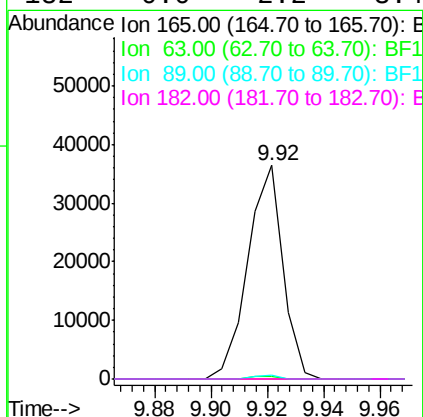
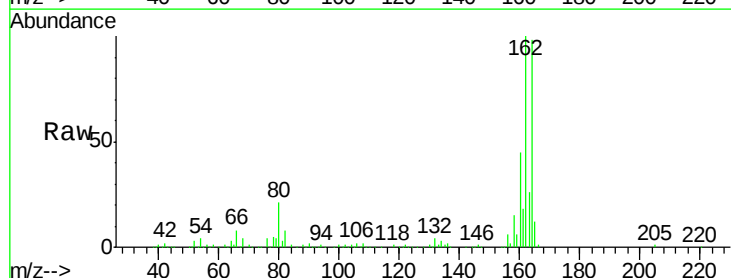
Instrument :
 BNA_F
 ClientSampleId :

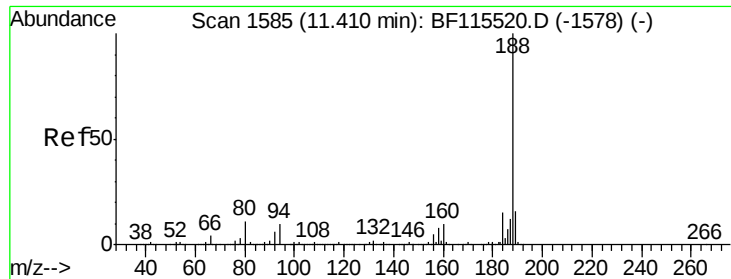
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.6	61.0#
89	1.7	43.9	65.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.684 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF115538.D
 Acq: 12 Jul 2019 20:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.9	52.3#
89	1.7	57.5	86.3#
182	0.0	2.2	3.4#

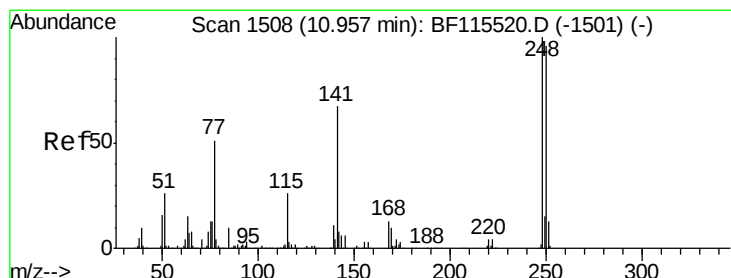
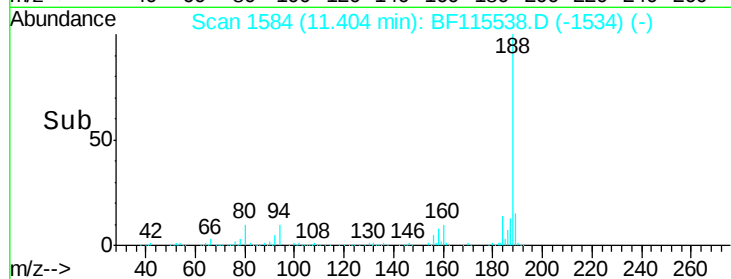
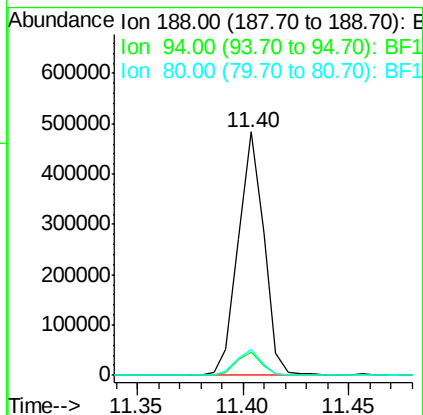
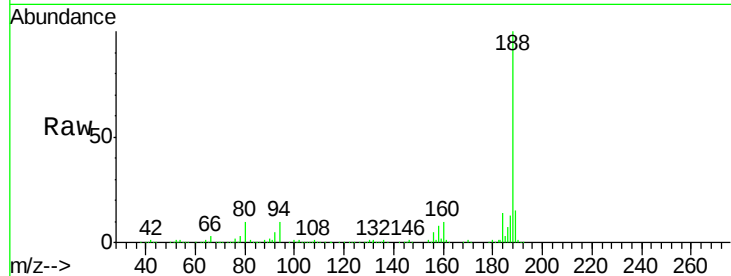




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF115538.D
 Acq: 12 Jul 2019 20:38

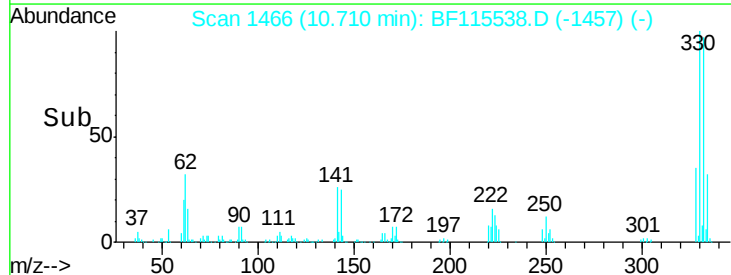
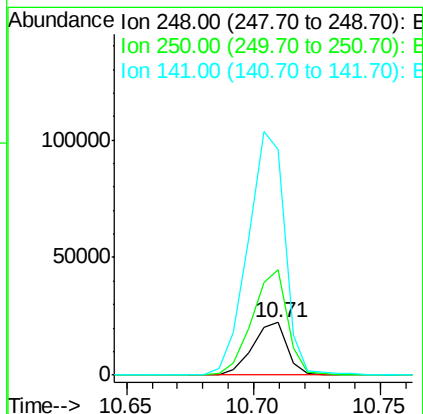
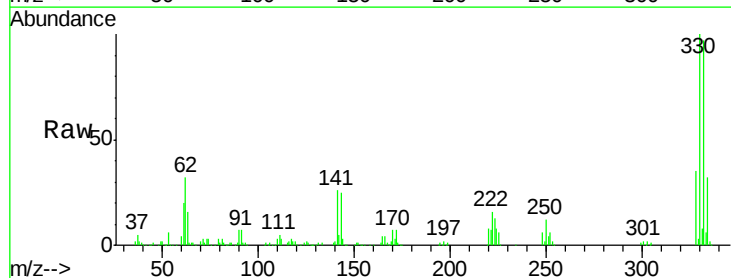
Instrument :
 BNA_F
 ClientSampleId :

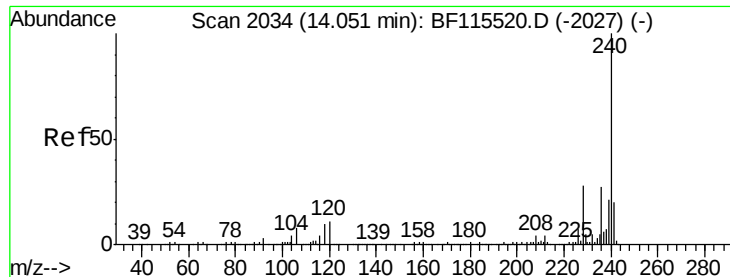
Tot Ion:188 Resp: 406490
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.8 11.6
 80 10.4 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 4.619 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF115538.D
 Acq: 12 Jul 2019 20:38

Tgt Ion:248 Resp: 21454
 Ion Ratio Lower Upper
 248 100
 250 200.3 78.0 117.0#
 141 428.6 57.7 86.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115538.D

Acq: 12 Jul 2019 20:38

Instrument :

BNA_F

ClientSampleId :

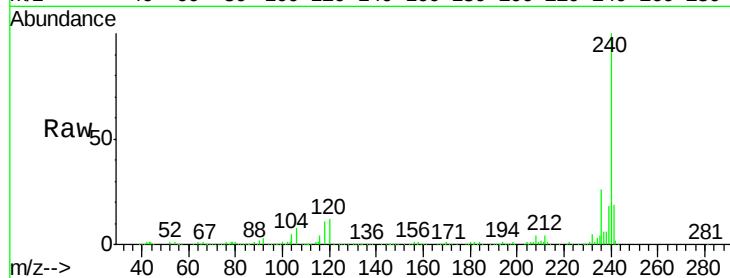
Tot Ion:240 Resp: 306516

Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

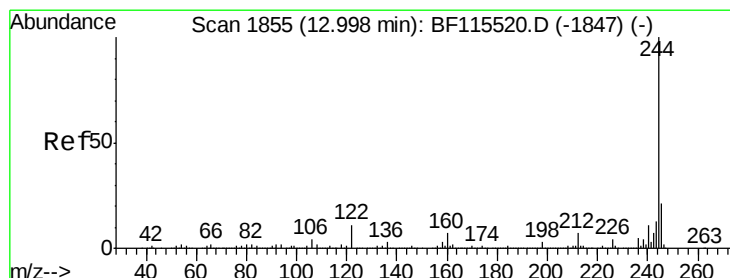
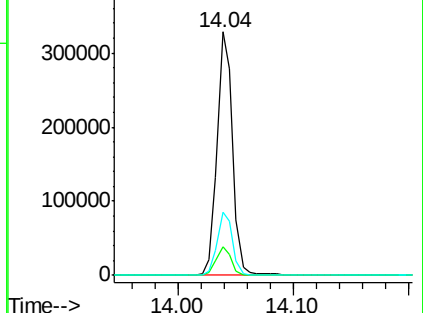
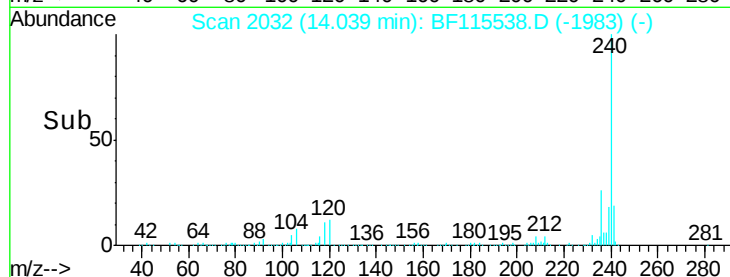
236 25.8 21.3 31.9



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: 83.638 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115538.D

Acq: 12 Jul 2019 20:38

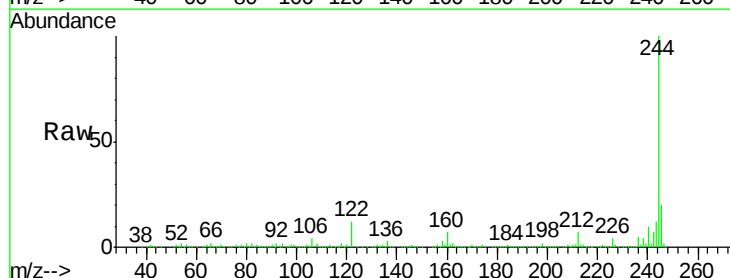
Tgt Ion:244 Resp: 1389376

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

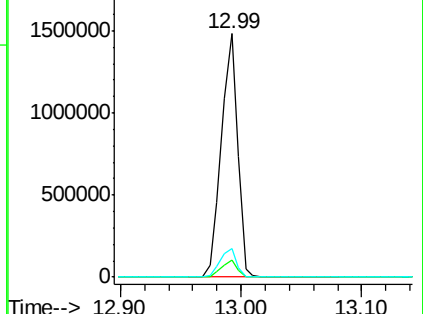
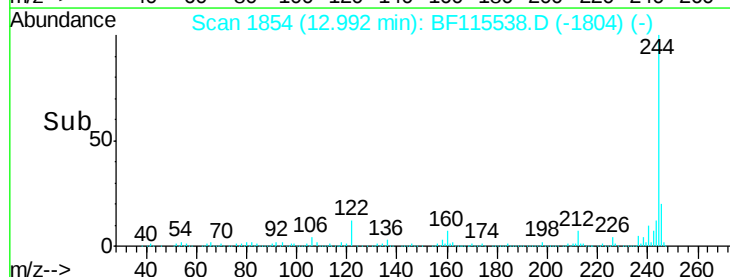
122 11.6 8.6 12.8

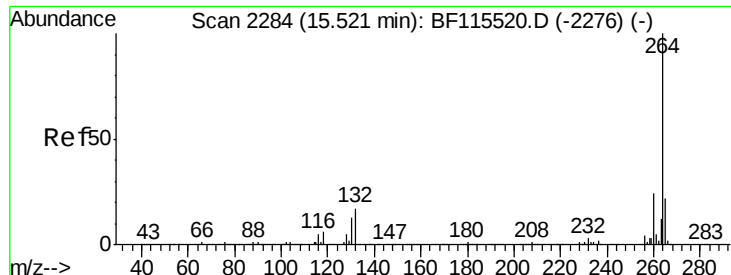


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

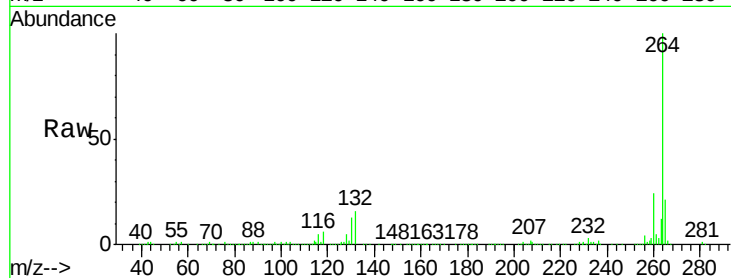




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115538.D
Acq: 12 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.0	17.7	26.5



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

