

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115546.D
 Acq On : 13 Jul 2019 00:18
 Operator : HP/JU
 Sample : K3768-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 03:42:32 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

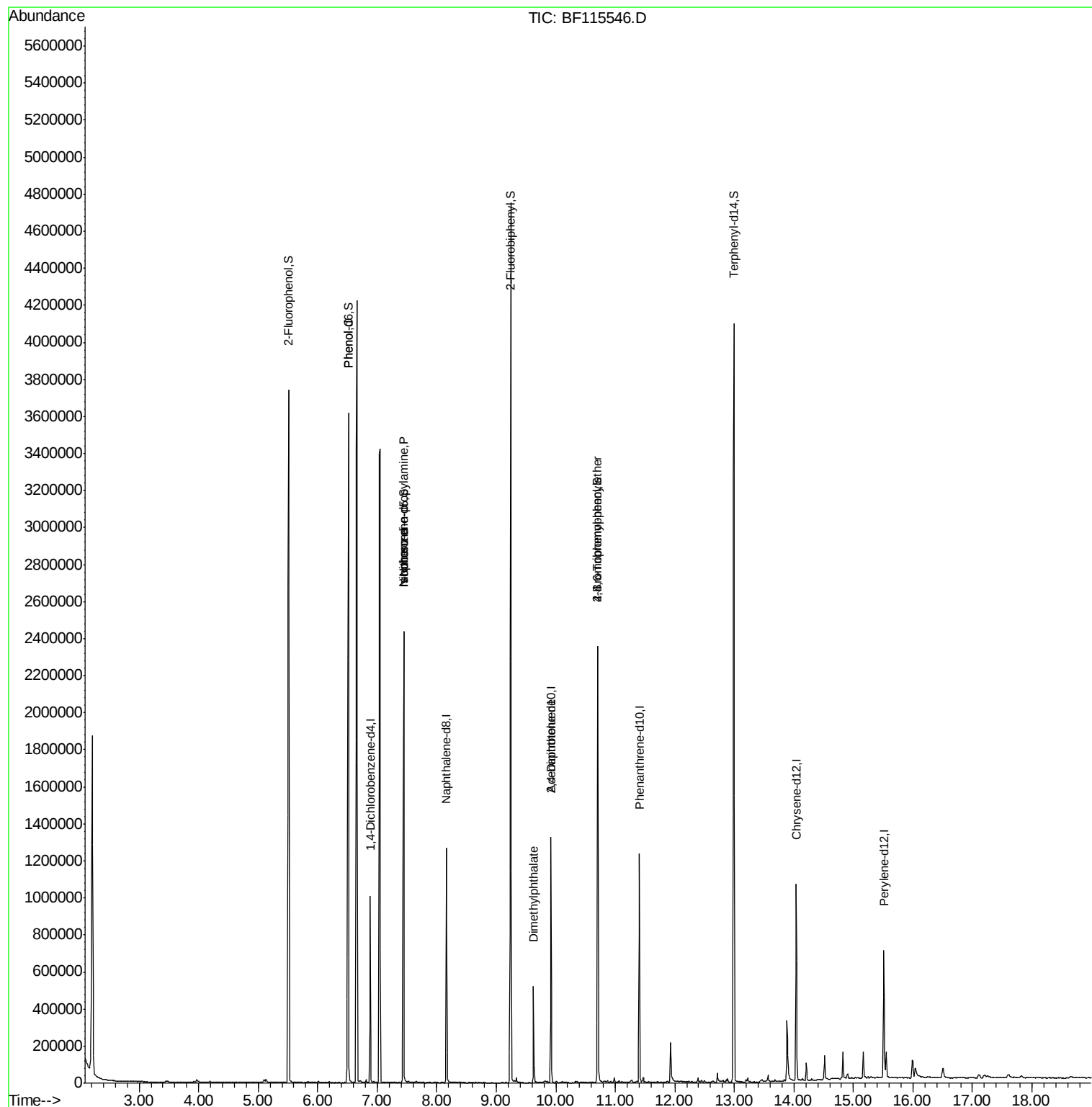
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	153077	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	562883	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	263187	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	434445	20.00	ng	0.00
76) Chrysene-d12	14.04	240	323921	20.00	ng	-0.01
87) Perylene-d12	15.51	264	352710	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1186588	126.79	ng	0.00
7) Phenol-d6	6.52	99	1512945	127.41	ng	0.00
23) Nitrobenzene-d5	7.44	82	963057	99.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	328506	106.93	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1621778	107.85	ng	0.00
79) Terphenyl-d14	12.99	244	1437026	81.86	ng	0.00
Target Compounds						
10) Phenol	6.52	94	31190	2.263	ng	97
19) n-Nitroso-di-n-propylamine	7.44	70	129023	16.660	ng	# 78
25) Isophorone	7.44	82	954348	49.268	ng	# 64
50) Dimethylphthalate	9.63	163	220293	11.125	ng	99
57) 2,4-Dinitrotoluene	9.92	165	34112	5.851	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	21138	4.258	ng	# 1

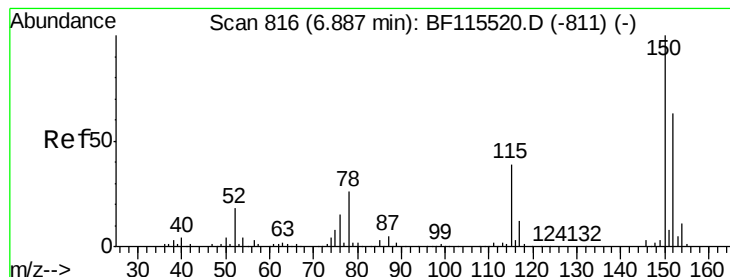
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
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Misc :
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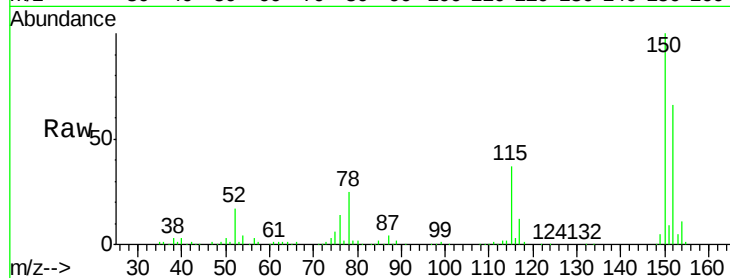


#1

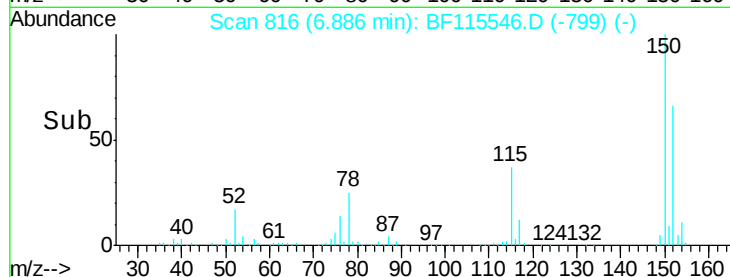
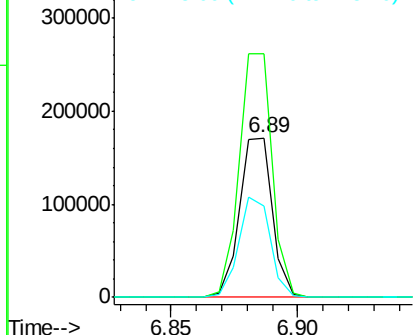
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115546.D
Acq: 13 Jul 2019 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153077
Ion Ratio Lower Upper
152 100
150 152.6 129.7 194.5
115 57.2 48.2 72.4



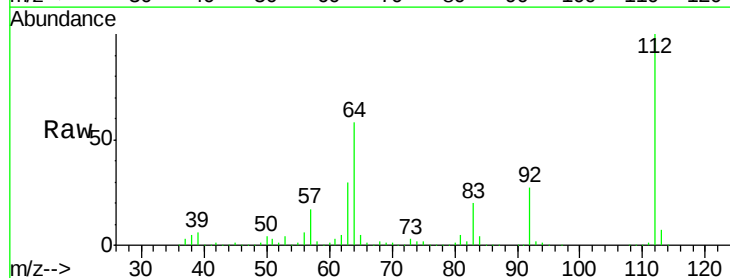
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



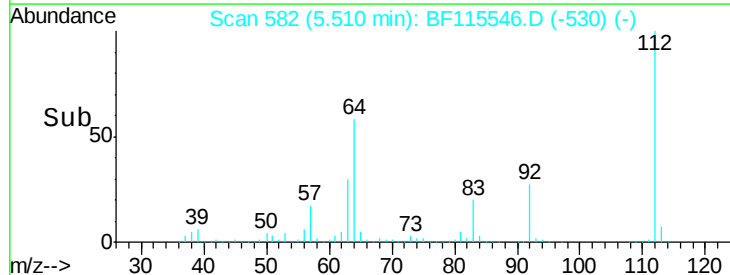
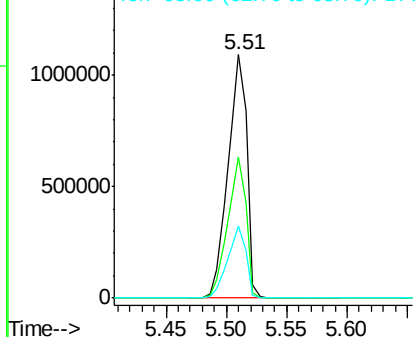
#5

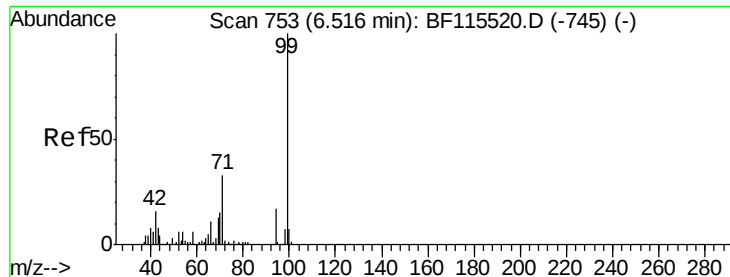
2-Fluorophenol
Concen: 126.793 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115546.D
Acq: 13 Jul 2019 00:18

Tgt Ion:112 Resp: 1186588
Ion Ratio Lower Upper
112 100
64 57.9 46.8 70.2
63 29.8 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: 127.408 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115546.D

Acq: 13 Jul 2019 00:18

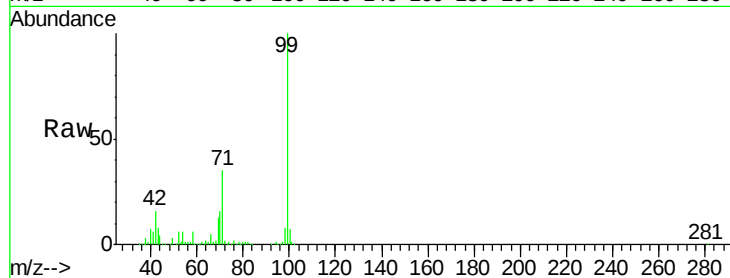
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1512945

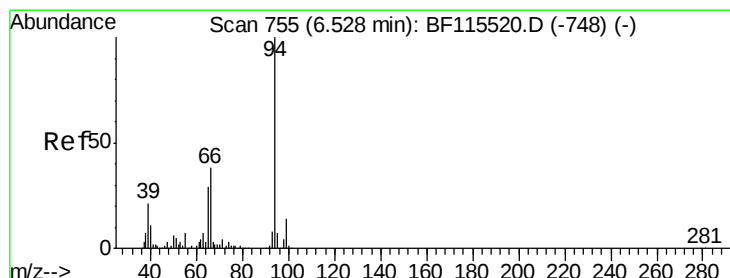
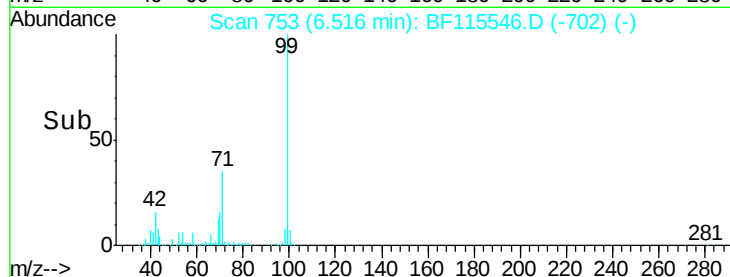
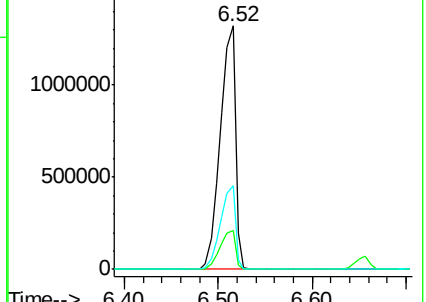
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	34.6	28.5	42.7



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



#10

Phenol

Concen: 2.263 ng

RT: 6.52 min Scan# 754

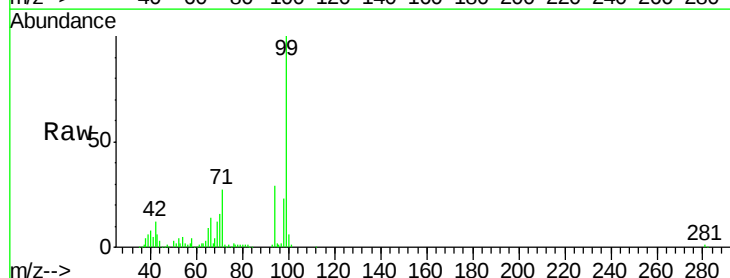
Delta R.T. -0.01 min

Lab File: BF115546.D

Acq: 13 Jul 2019 00:18

Tgt Ion: 94 Resp: 31190

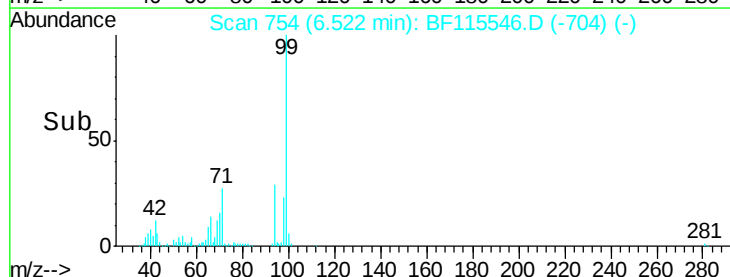
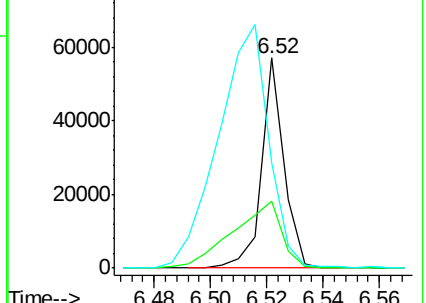
Ion	Ratio	Lower	Upper
94	100		
65	31.7	14.5	54.5
66	50.0	31.3	71.3

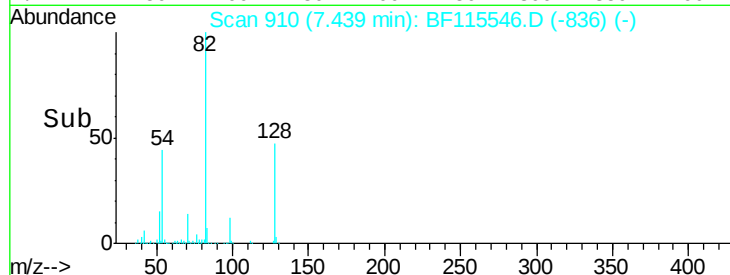
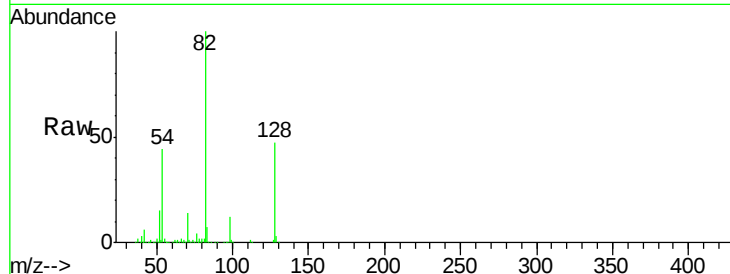
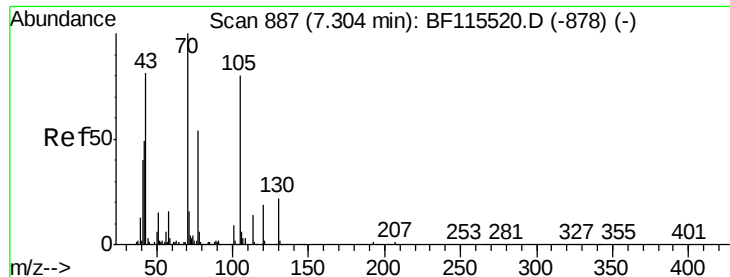


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

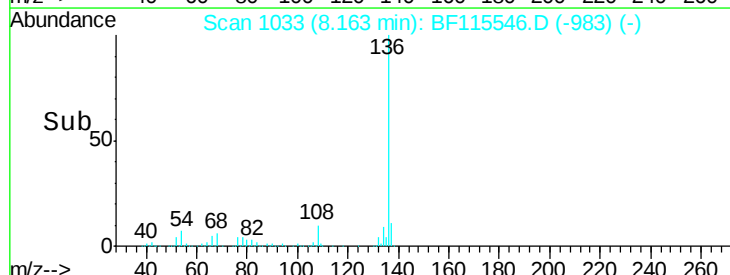
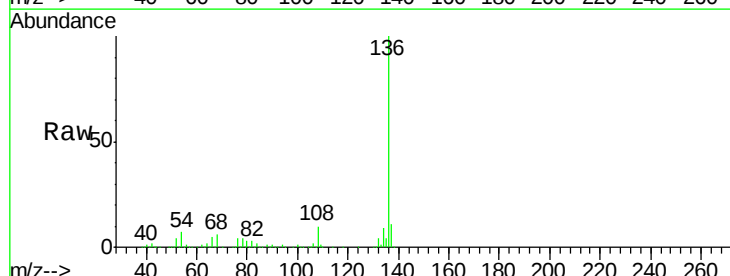
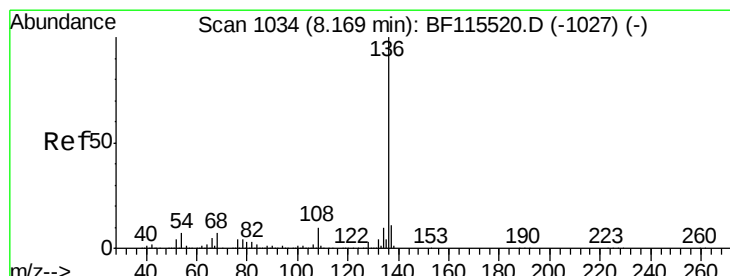
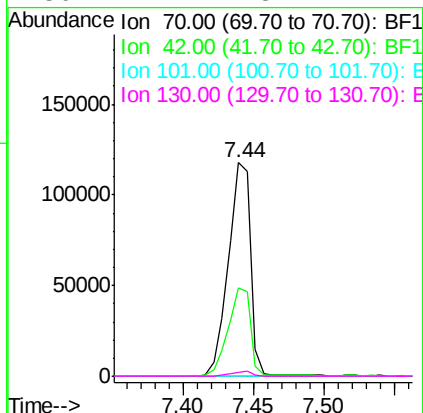




#19
n-Nitroso-di-n-propylamine
Concen: 16.660 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115546.D
Acq: 13 Jul 2019 00:18

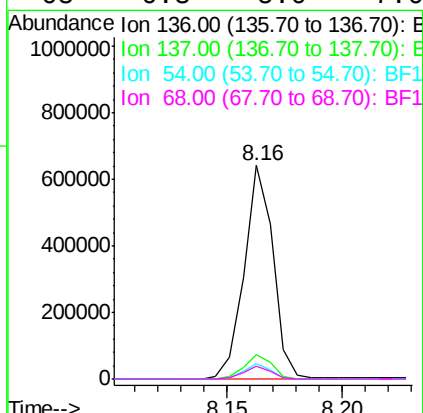
Instrument :
BNA_F
ClientSampleId :

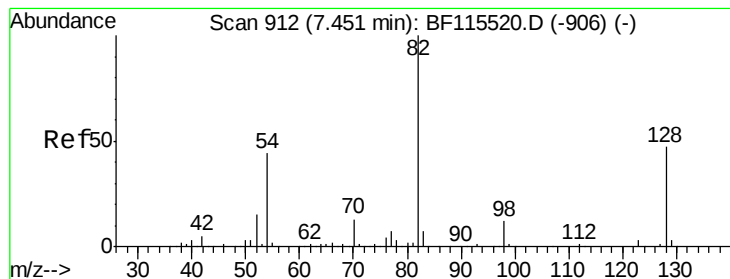
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.4	39.6	59.4
101	0.0	8.1	12.1#
130	2.1	18.2	27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115546.D
Acq: 13 Jul 2019 00:18

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.0	5.6	8.4
68	6.3	5.0	7.6





#23

Nitrobenzene-d5

Concen: 99.485 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115546.D

Acq: 13 Jul 2019 00:18

Instrument :

BNA_F

ClientSampleId :

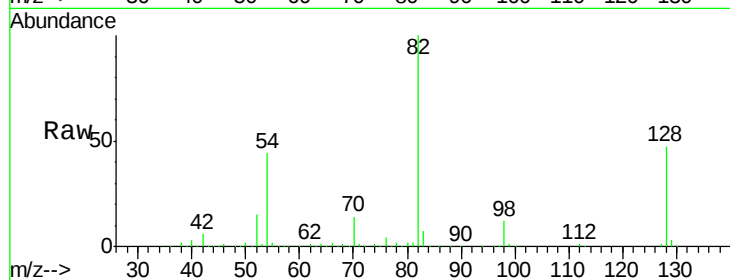
Tot Ion: 82 Resp: 963057

Ion Ratio Lower Upper

82 100

128 46.7 38.6 57.8

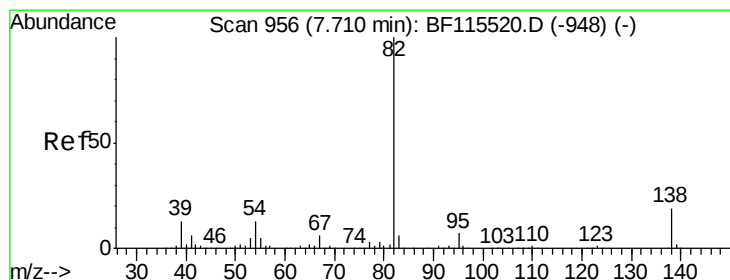
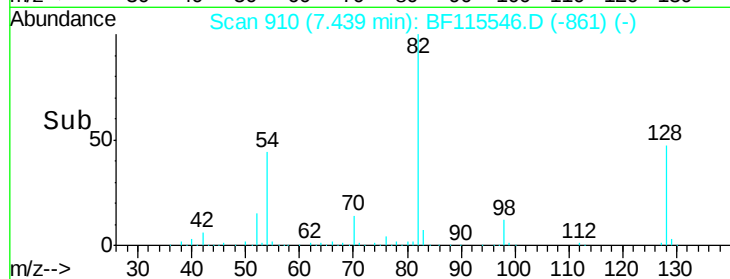
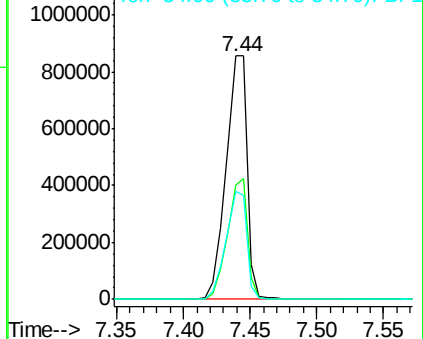
54 44.5 35.6 53.4



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: 49.268 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115546.D

Acq: 13 Jul 2019 00:18

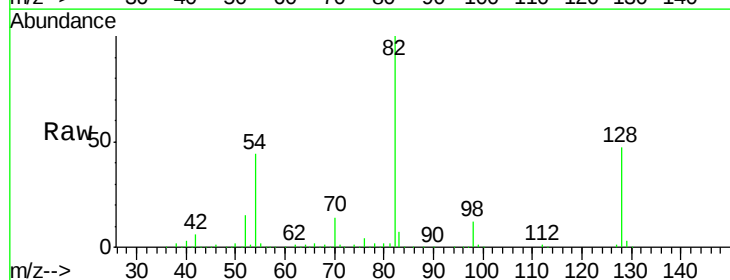
Tgt Ion: 82 Resp: 954348

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

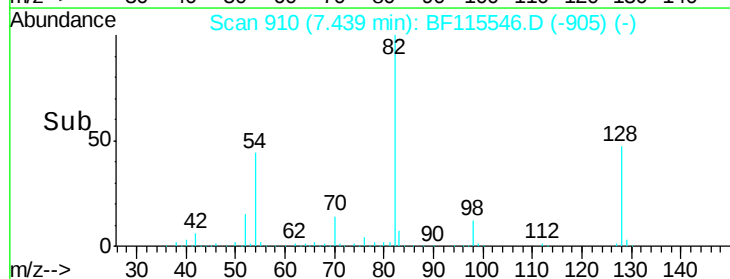
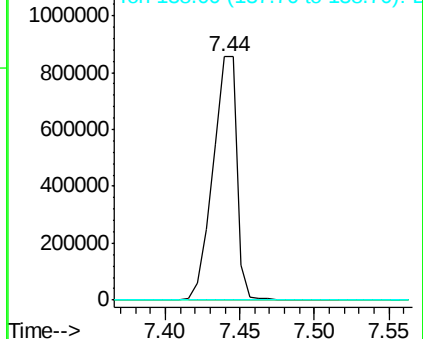
138 0.0 14.9 22.3#

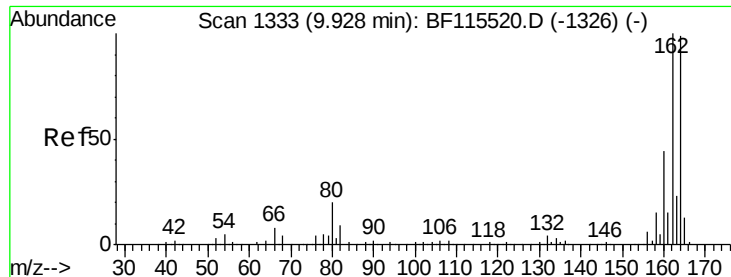


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF115546.D

Acq: 13 Jul 2019 00:18

Instrument :

BNA_F

ClientSampleId :

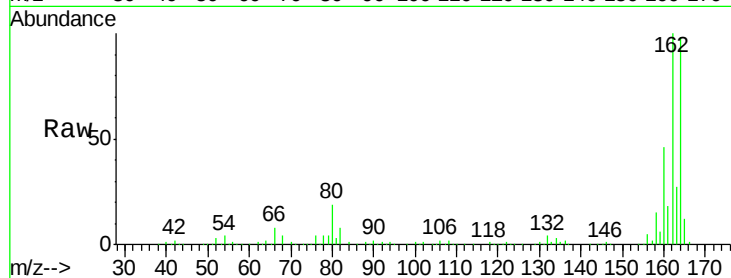
Tot Ion:164 Resp: 263187

Ion Ratio Lower Upper

164 100

162 101.6 82.9 124.3

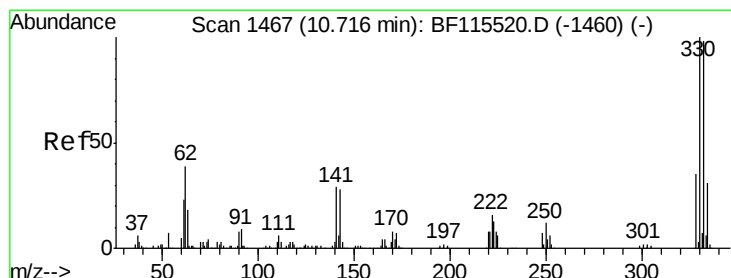
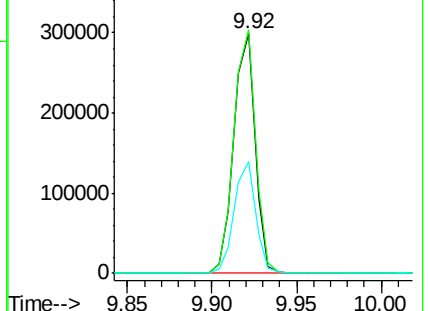
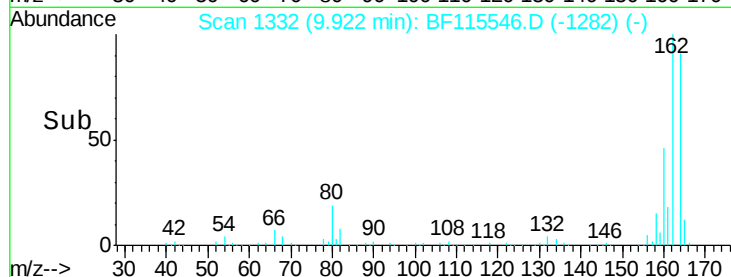
160 46.7 36.8 55.2



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: 106.935 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115546.D

Acq: 13 Jul 2019 00:18

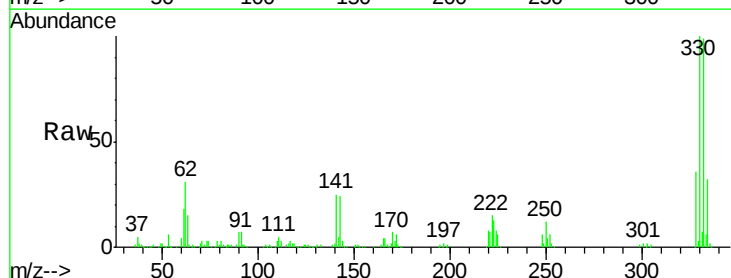
Tgt Ion:330 Resp: 328506

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

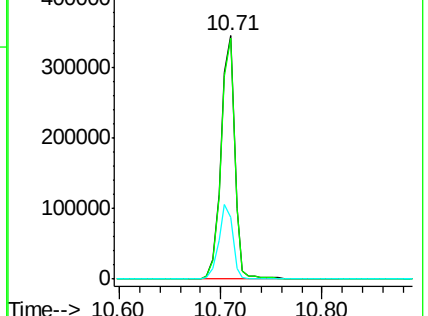
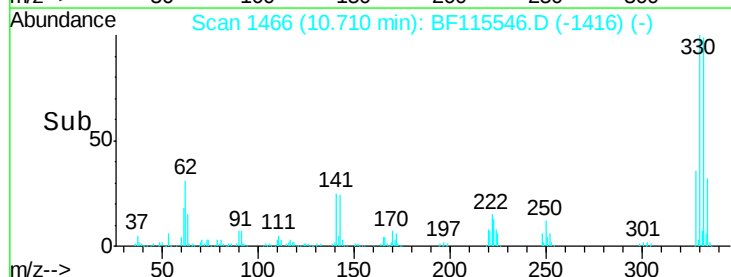
141 31.0 22.4 33.6

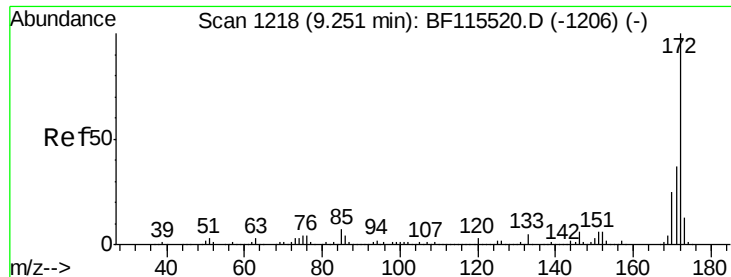


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

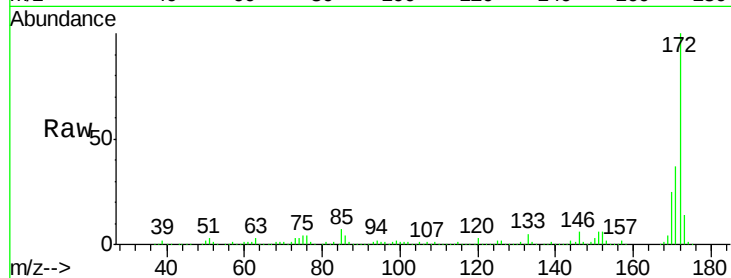




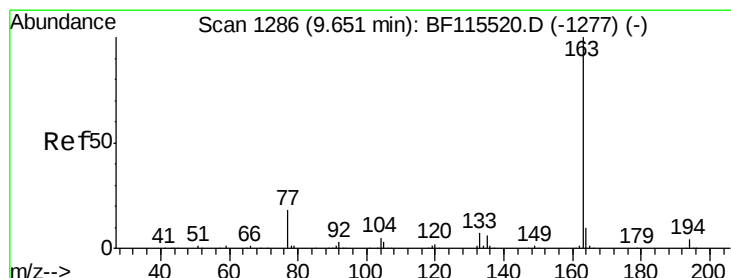
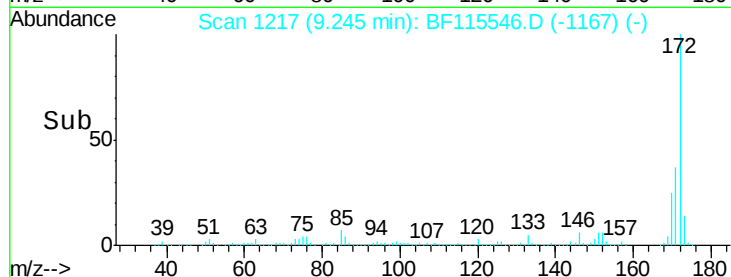
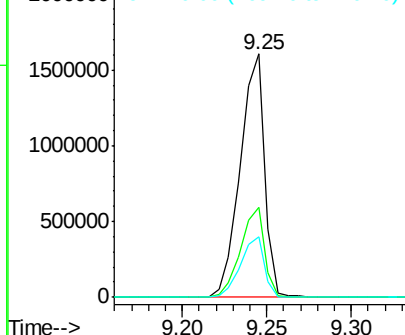
#45
2-Fluorobiphenyl
Concen: 107.854 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115546.D
Acq: 13 Jul 2019 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1621778
Ion Ratio Lower Upper
172 100
171 37.0 30.6 46.0
170 25.0 20.5 30.7

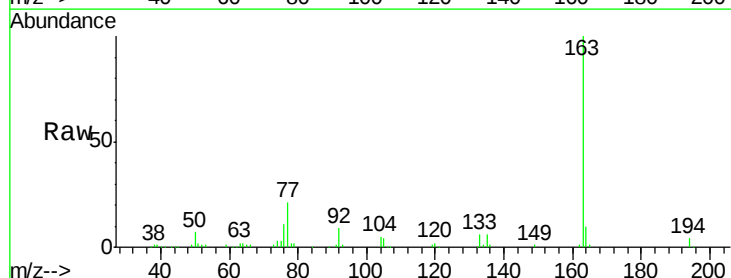


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

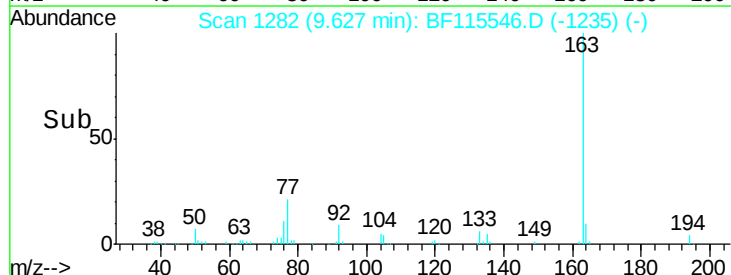
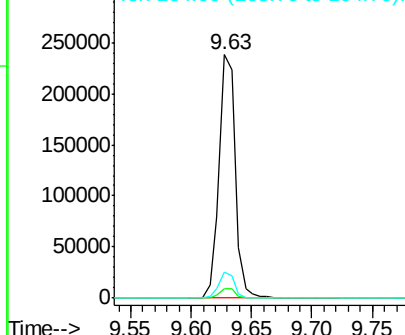


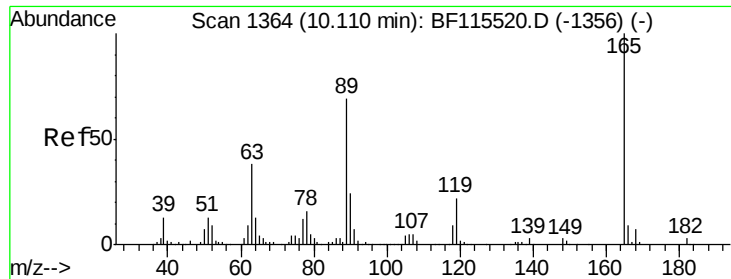
#50
Dimethylphthalate
Concen: 11.125 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115546.D
Acq: 13 Jul 2019 00:18

Tgt Ion:163 Resp: 220293
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.7 13.1



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

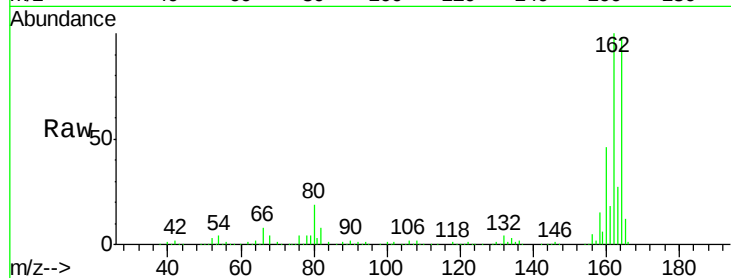




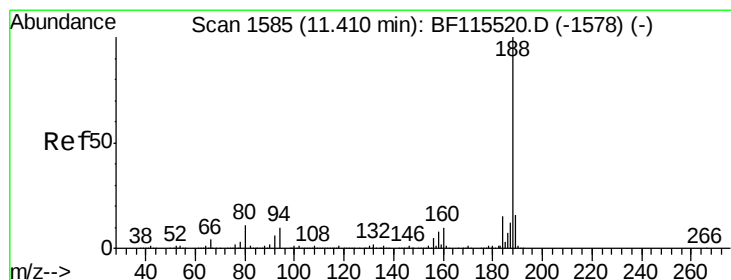
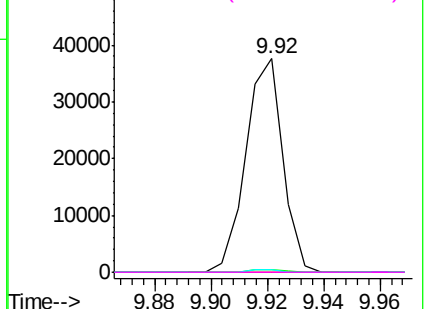
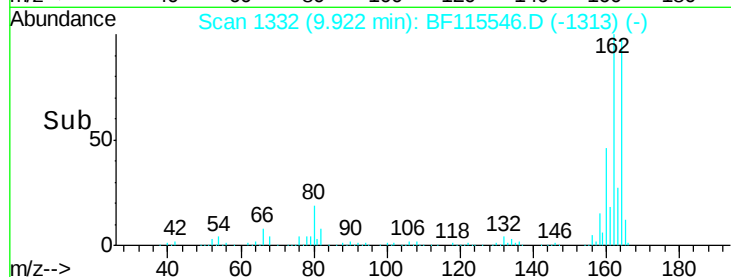
#57
2,4-Dinitrotoluene
Concen: 5.851 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF115546.D
Acq: 13 Jul 2019 00:18

Instrument :
BNA_F
ClientSampled :

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

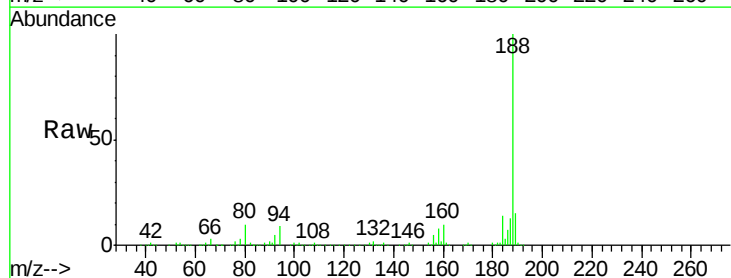


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

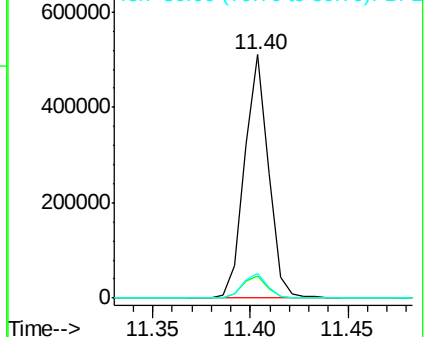
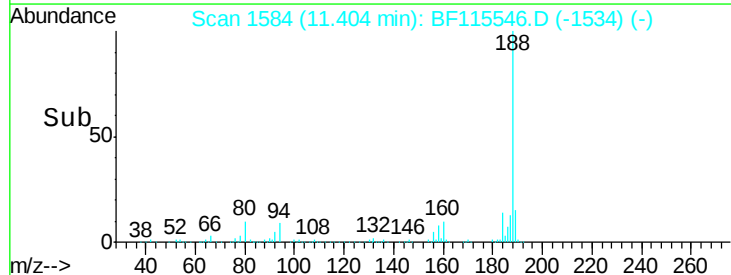


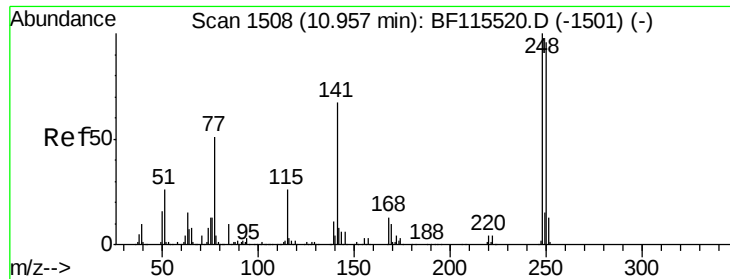
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115546.D
Acq: 13 Jul 2019 00:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.6
80	10.1	8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

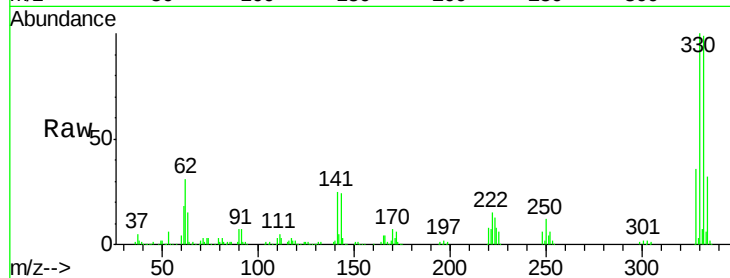




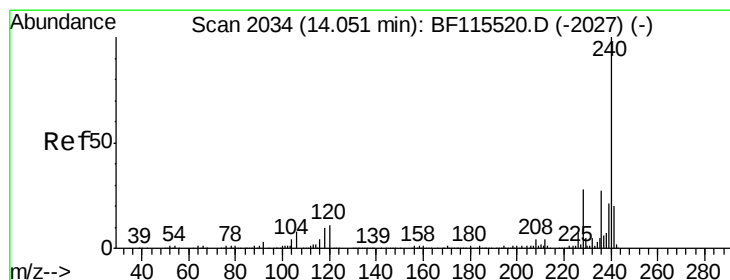
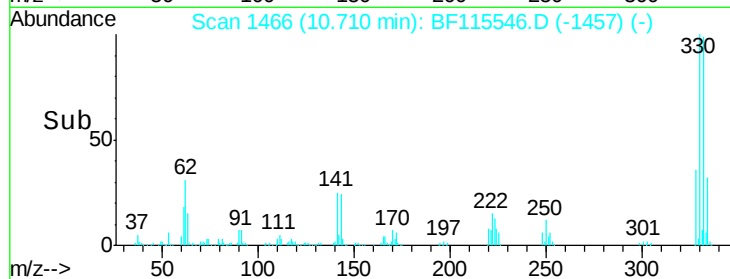
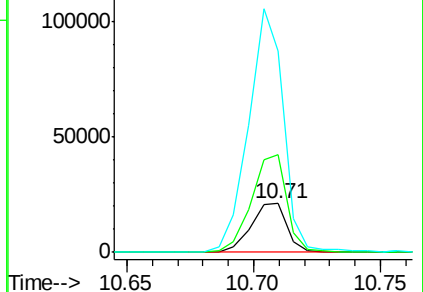
#67
4-Bromophenyl-phenylether
Concen: 4.258 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115546.D
Acq: 13 Jul 2019 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21138
Ion Ratio Lower Upper
248 100
250 198.4 78.0 117.0#
141 410.8 57.7 86.5#

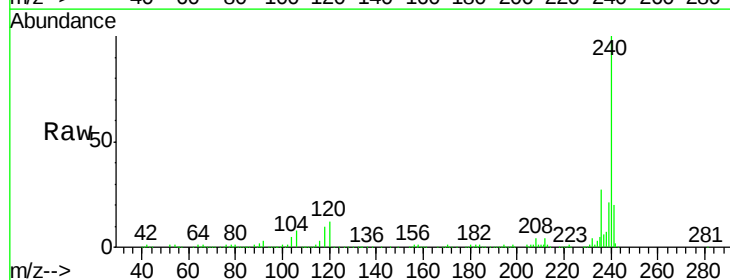


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

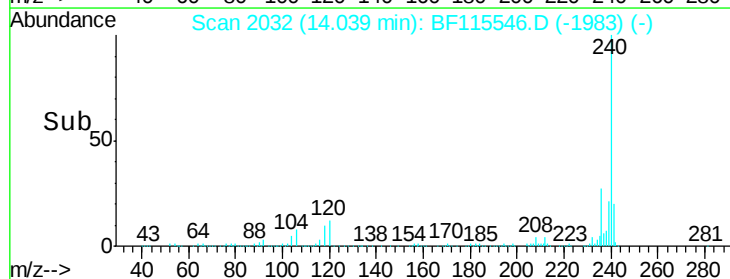
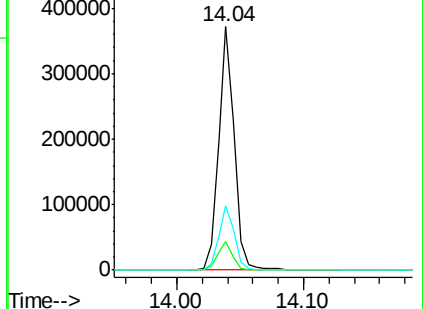


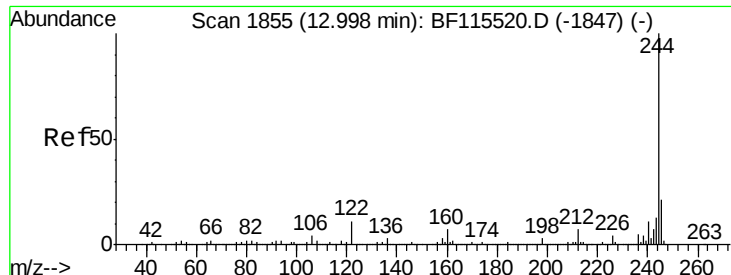
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115546.D
Acq: 13 Jul 2019 00:18

Tgt Ion:240 Resp: 323921
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 26.7 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

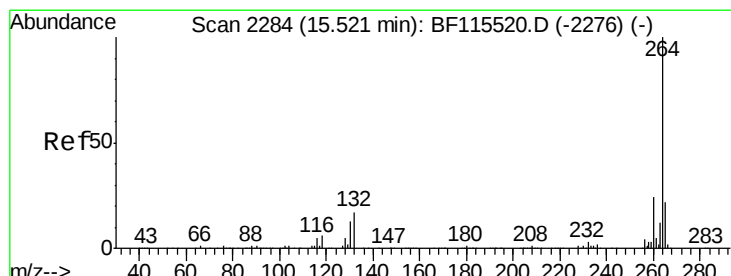
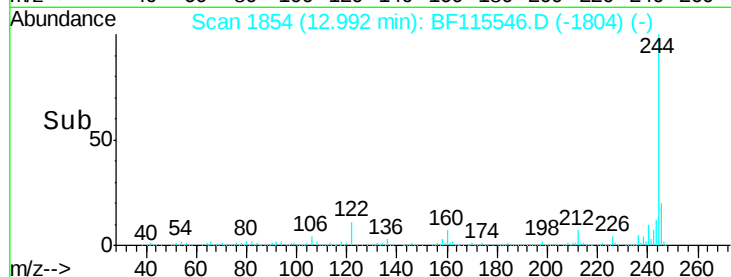
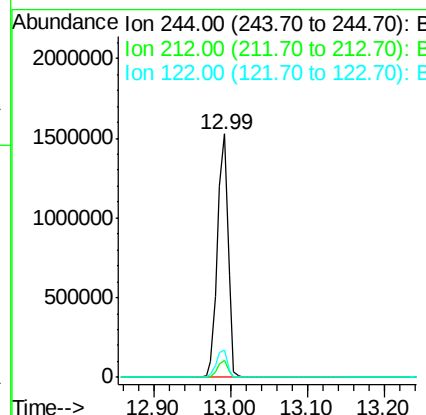
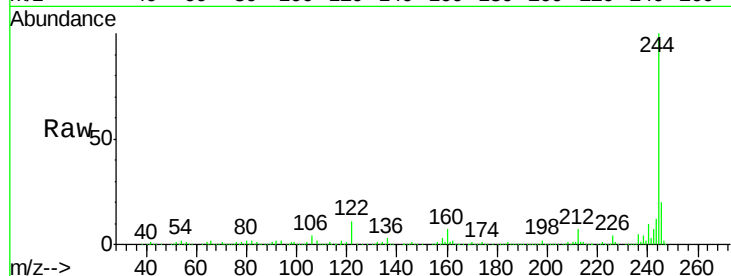




#79
 Terphenyl-d14
 Concen: 81.858 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115546.D
 Acq: 13 Jul 2019 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1437026
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 11.1 8.6 12.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF115546.D
 Acq: 13 Jul 2019 00:18

Tgt Ion:264 Resp: 352710
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.8
 265 21.2 17.7 26.5

