

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114956.D
 Acq On : 11 Jun 2019 21:08
 Operator : HP/JU
 Sample : K3163-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 04:33:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	225588	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	852267	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	411816	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	755224	20.00	ng	0.00
76) Chrysene-d12	13.78	240	540533	20.00	ng	-0.01
87) Perylene-d12	15.16	264	505642	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1499133	112.47	ng	0.01
7) Phenol-d6	6.31	99	1642913	102.19	ng	0.00
23) Nitrobenzene-d5	7.22	82	1243998	89.68	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	563851	125.87	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2283663	88.01	ng	0.00
79) Terphenyl-d14	12.74	244	2307313	84.89	ng	0.00

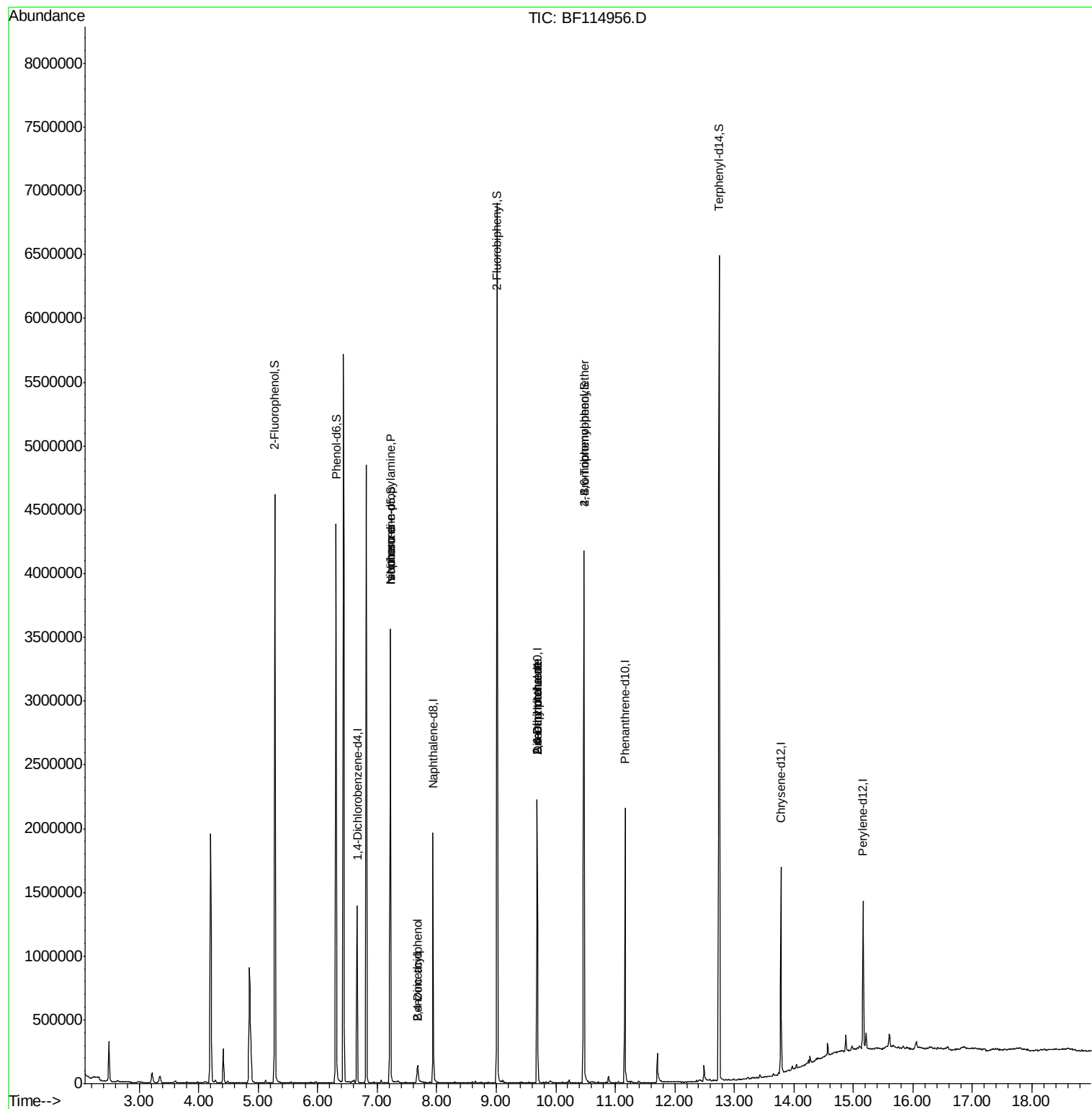
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	162575	16.171	ng	# 77
25) Isophorone	7.22	82	1228196	45.216	ng	# 62
27) 2,4-Dimethylphenol	7.68	122	54262	4.626	ng	# 5
32) Benzoic acid	7.68	122	54262	6.192	ng	# 95
50) Dimethylphthalate	9.69	163	113207	3.658	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	52509	7.386	ng	# 30
57) 2,4-Dinitrotoluene	9.69	165	52509	5.843	ng	# 27
67) 4-Bromophenyl-phenylether	10.47	248	36198	4.425	ng	# 1

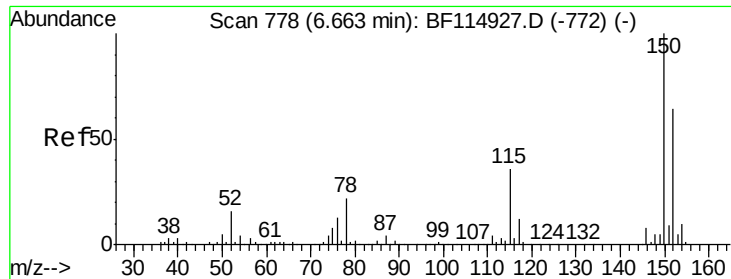
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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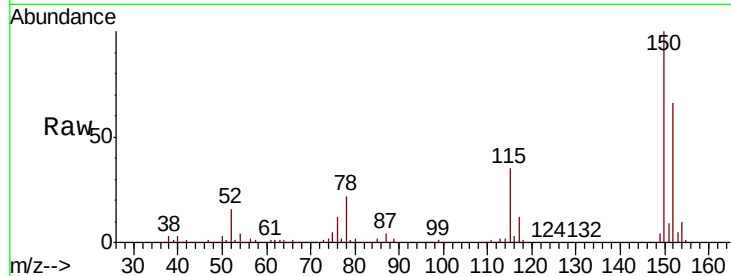


#1

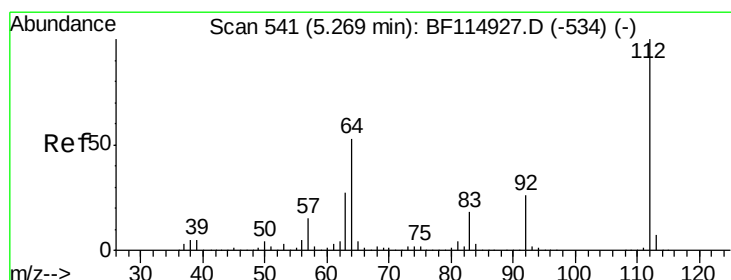
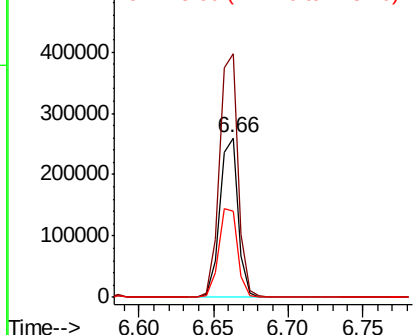
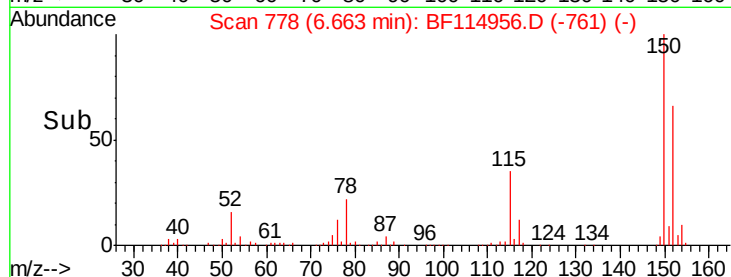
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 225588
Ion Ratio Lower Upper
152 100
150 152.5 125.2 187.8
115 54.1 45.0 67.4



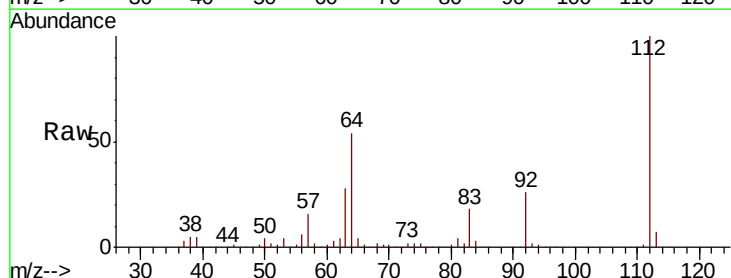
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



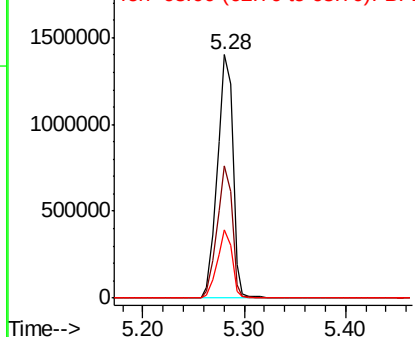
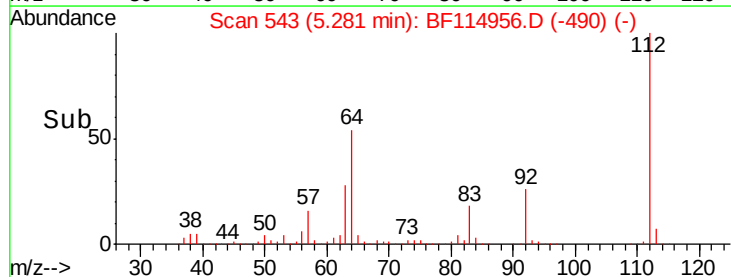
#5

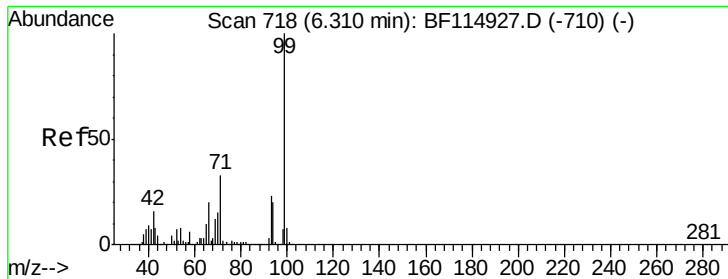
2-Fluorophenol
Concen: 112.469 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:112 Resp: 1499133
Ion Ratio Lower Upper
112 100
64 54.4 42.1 63.1
63 28.0 21.8 32.8



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: 102.186 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114956.D

Acq: 11 Jun 2019 21:08

Instrument :

BNA_F

ClientSampleId :

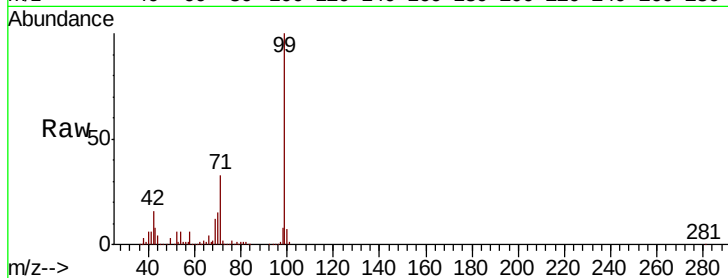
Tot Ion: 99 Resp: 1642913

Ion Ratio Lower Upper

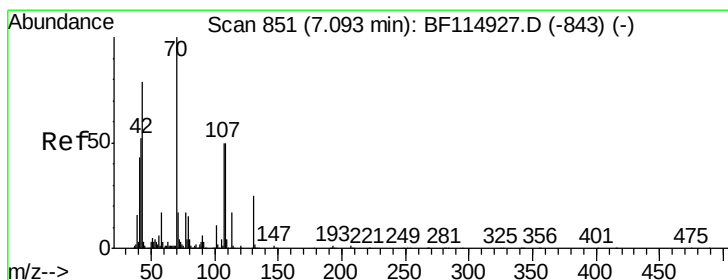
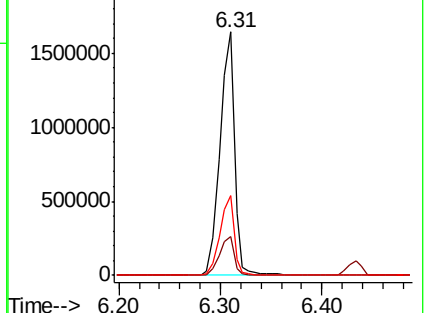
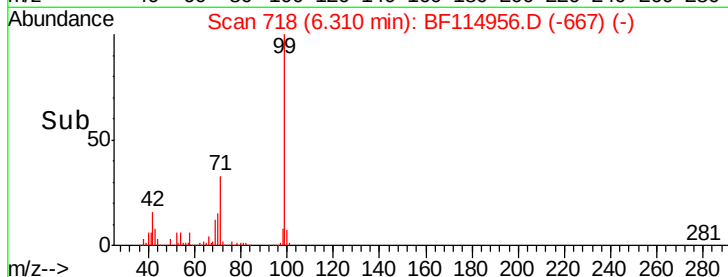
99 100

42 15.8 13.1 19.7

71 32.8 26.8 40.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.171 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114956.D

Acq: 11 Jun 2019 21:08

Tgt Ion: 70 Resp: 162575

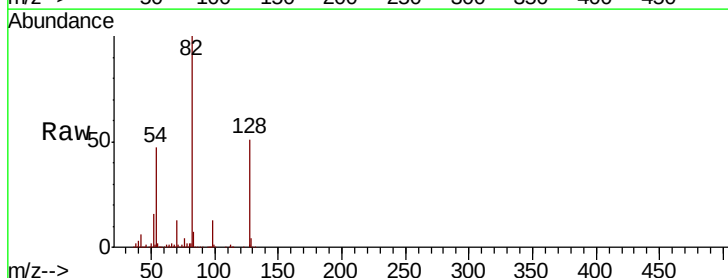
Ion Ratio Lower Upper

70 100

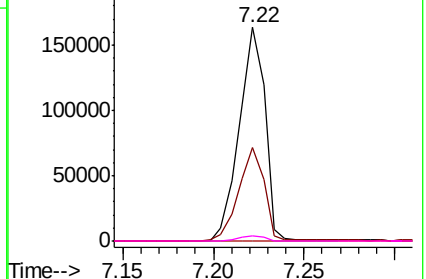
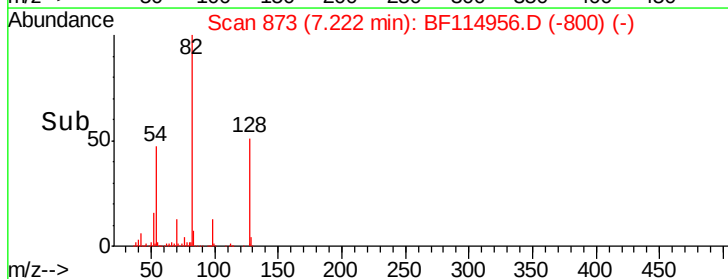
42 43.8 41.7 62.5

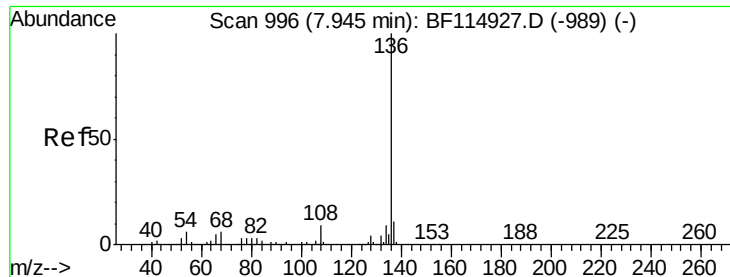
101 0.0 8.4 12.6#

130 2.3 19.9 29.9#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114956.D

Acq: 11 Jun 2019 21:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 852267

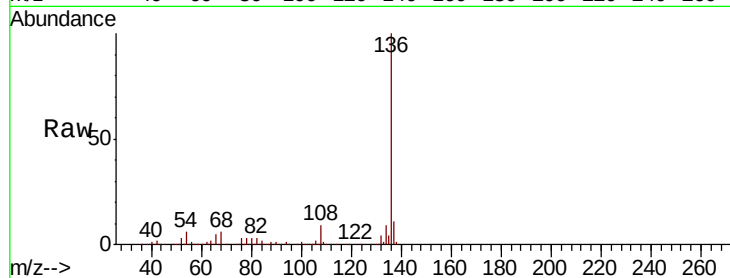
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 6.5 5.2 7.8

68 6.0 4.6 7.0

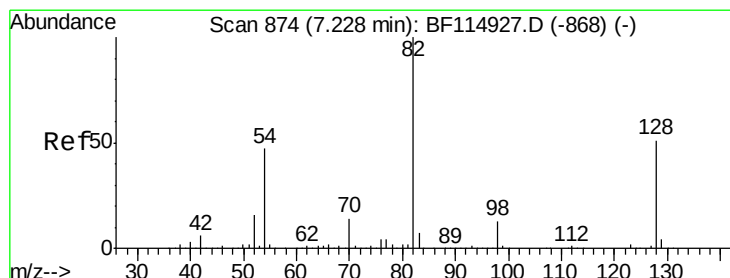
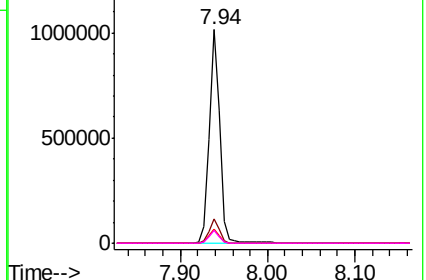
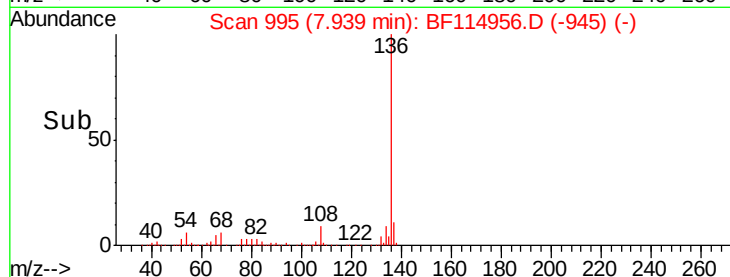


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 89.683 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114956.D

Acq: 11 Jun 2019 21:08

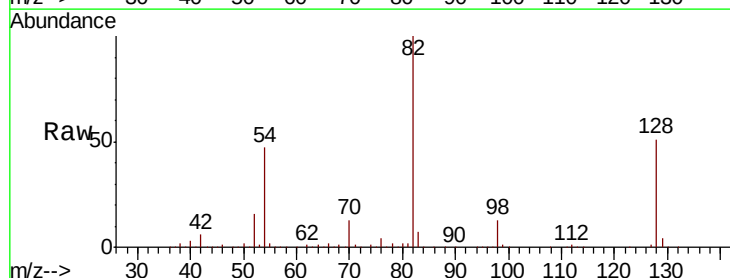
Tgt Ion: 82 Resp: 1243998

Ion Ratio Lower Upper

82 100

128 50.6 40.9 61.3

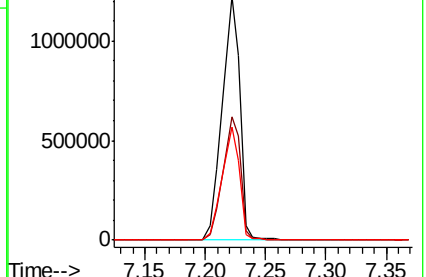
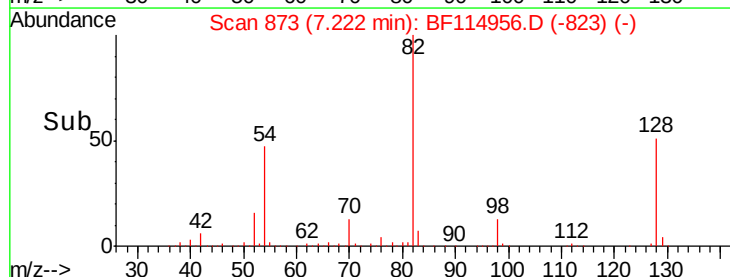
54 46.6 37.4 56.0

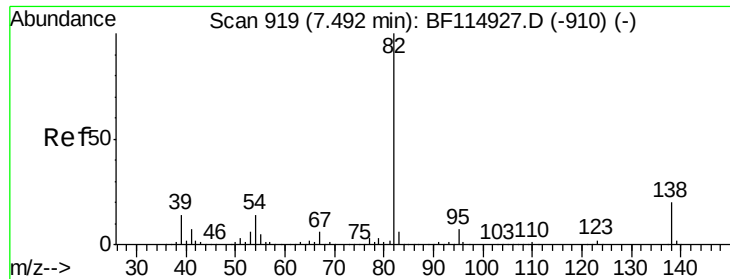


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.216 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.27 min

Lab File: BF114956.D

Acq: 11 Jun 2019 21:08

Instrument :

BNA_F

ClientSampleId :

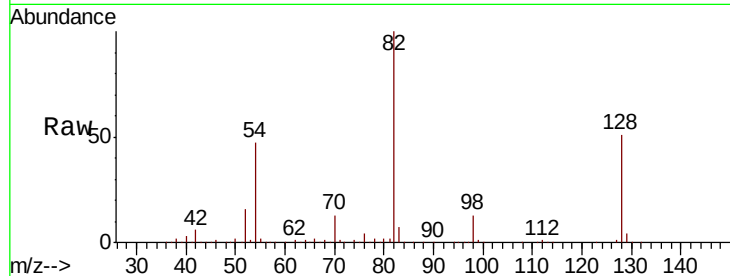
Tot Ion: 82 Resp: 1228196

Ion Ratio Lower Upper

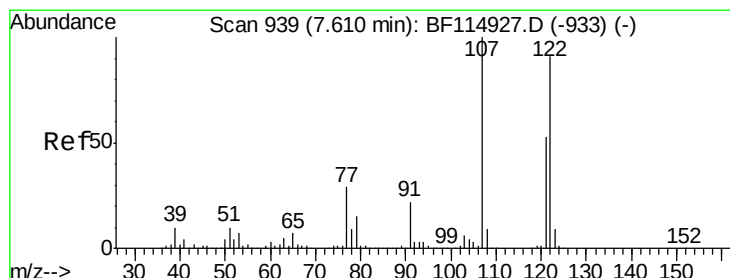
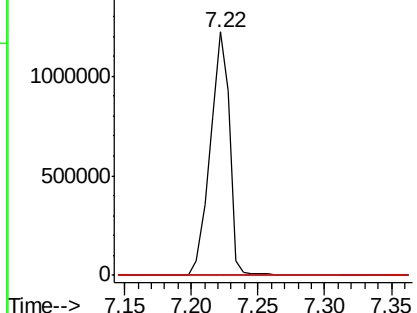
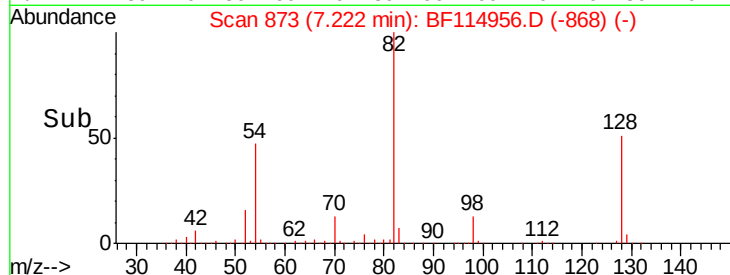
82 100

95 0.0 5.7 8.5#

138 0.0 16.4 24.6#



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



#27

2,4-Dimethylphenol

Concen: 4.626 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.07 min

Lab File: BF114956.D

Acq: 11 Jun 2019 21:08

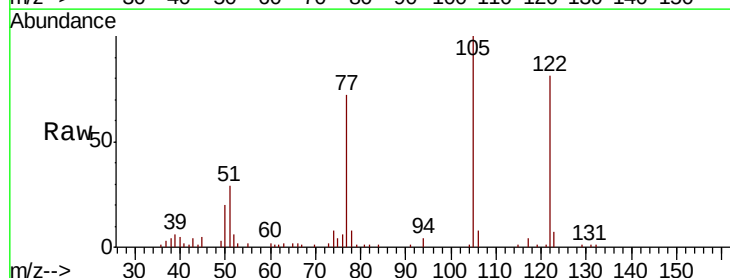
Tgt Ion: 122 Resp: 54262

Ion Ratio Lower Upper

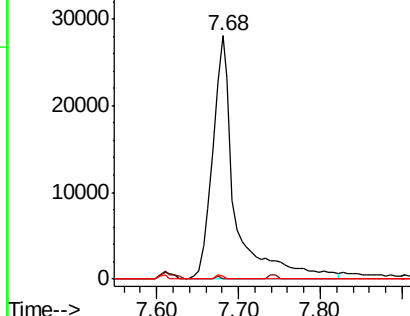
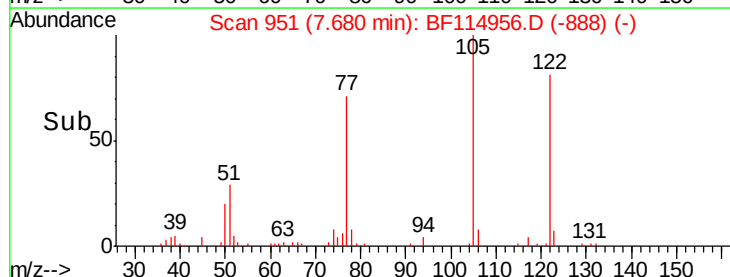
122 100

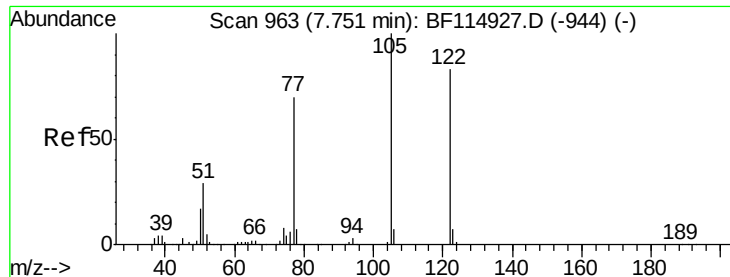
107 0.0 88.0 132.0#

121 1.4 47.0 70.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

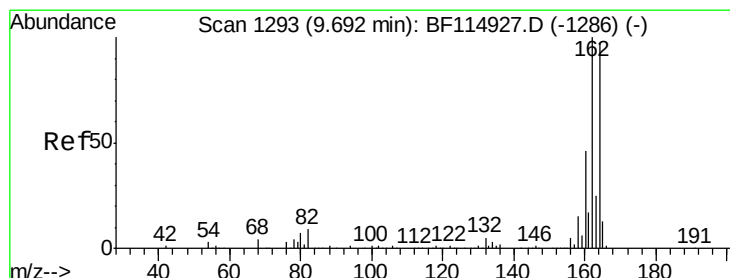
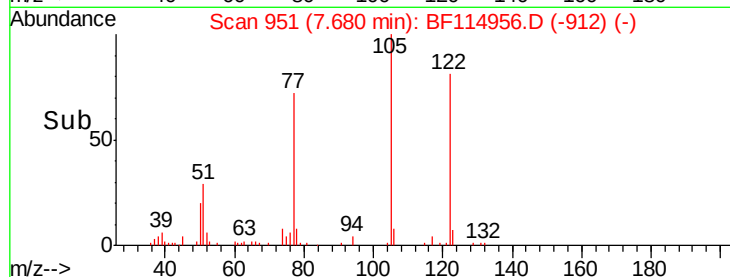
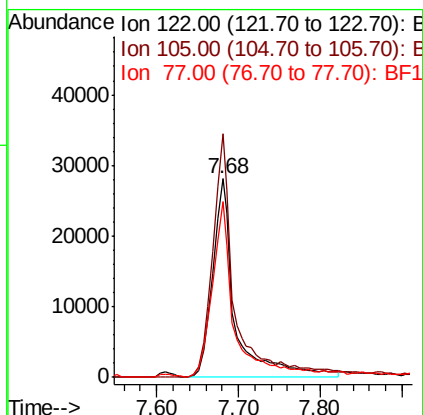
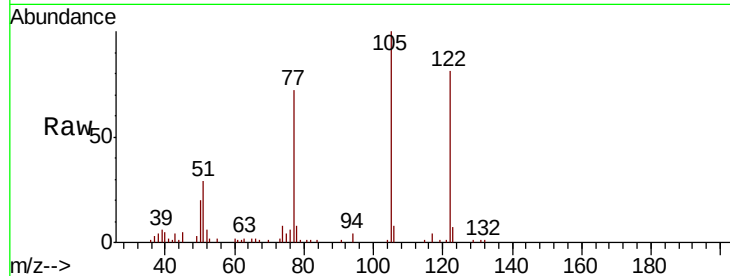




#32
Benzoic acid
Concen: 6.192 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.07 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

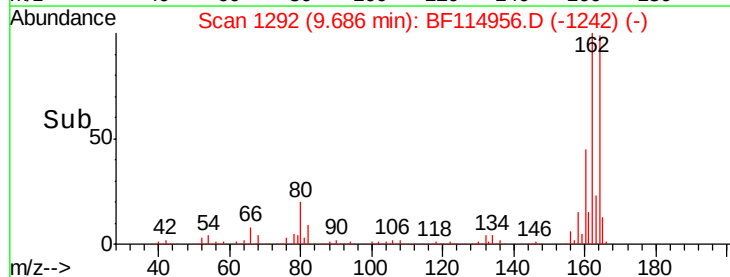
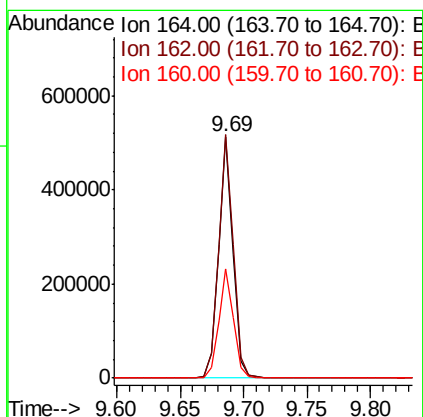
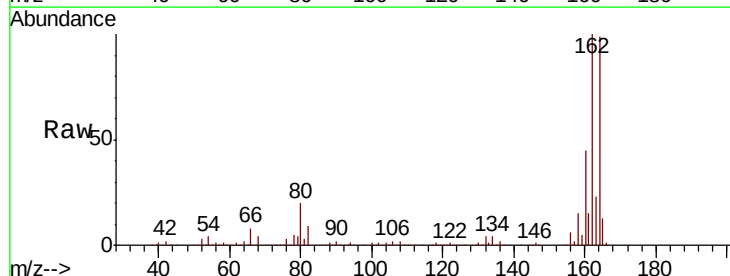
Instrument :
BNA_F
ClientSampleId :

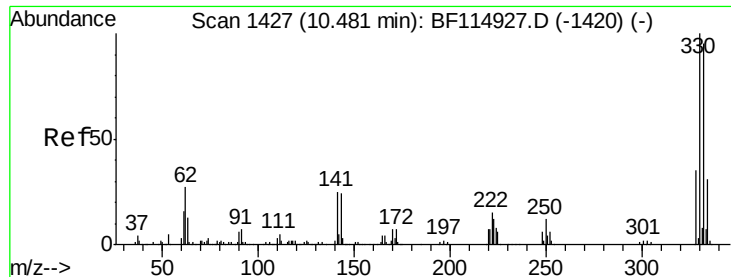
Tot Ion:122 Resp: 54262
Ion Ratio Lower Upper
122 100
105 122.7 97.7 137.7
77 88.5 63.0 103.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:164 Resp: 411816
Ion Ratio Lower Upper
164 100
162 101.0 82.4 123.6
160 45.1 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 125.866 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114956.D

Acq: 11 Jun 2019 21:08

Instrument :

BNA_F

ClientSampleId :

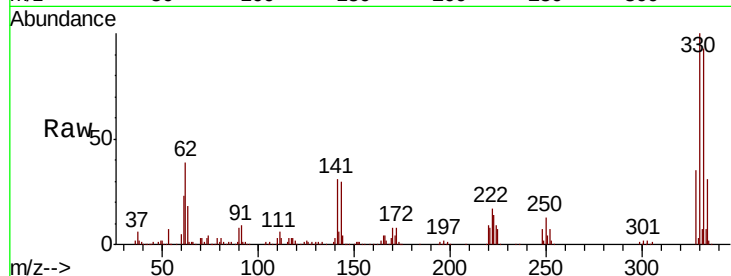
Tot Ion:330 Resp: 563851

Ion Ratio Lower Upper

330 100

332 94.6 76.4 114.6

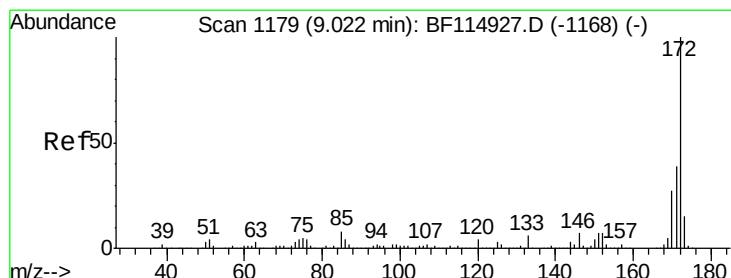
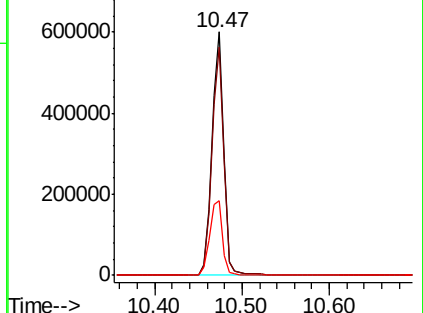
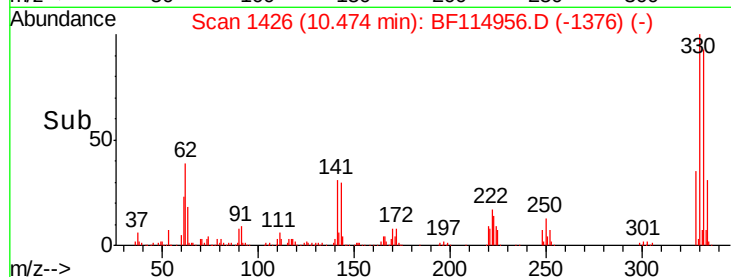
141 33.6 26.8 40.2



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: 88.008 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114956.D

Acq: 11 Jun 2019 21:08

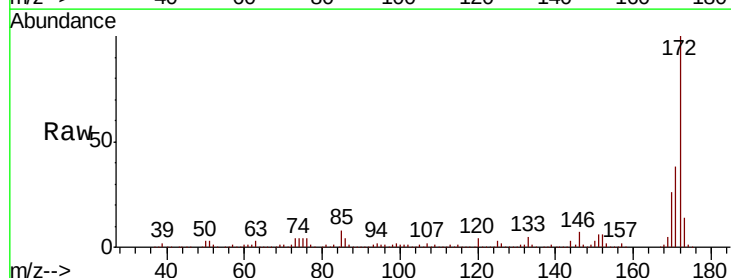
Tgt Ion:172 Resp: 2283663

Ion Ratio Lower Upper

172 100

171 37.6 31.3 46.9

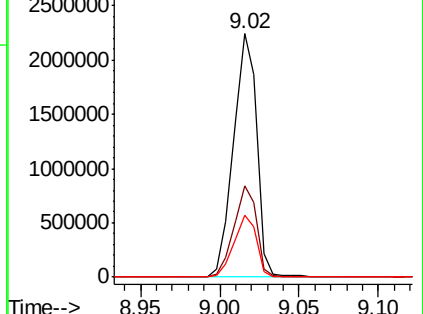
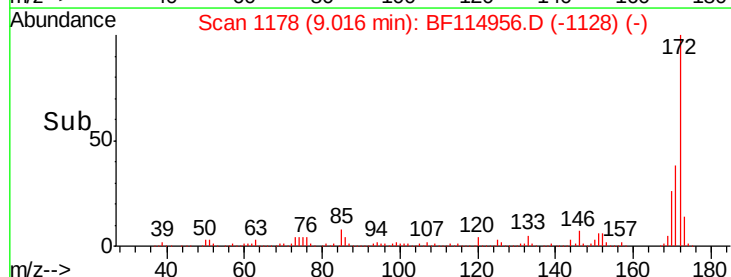
170 25.7 21.4 32.0

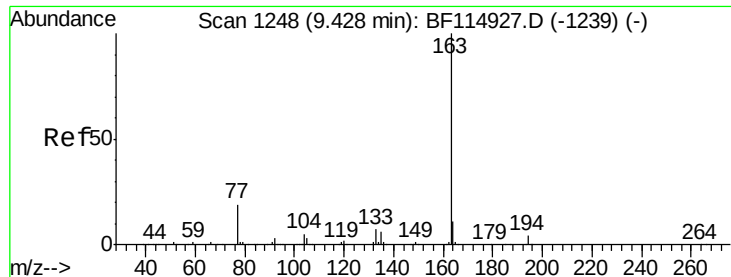


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

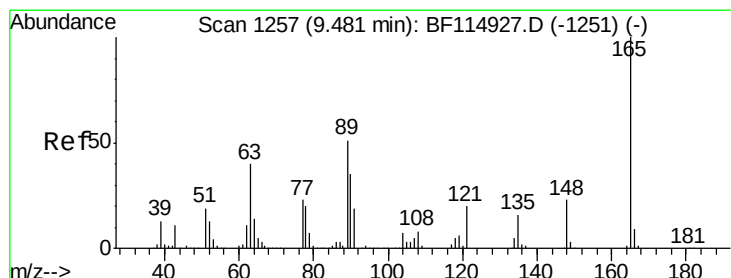
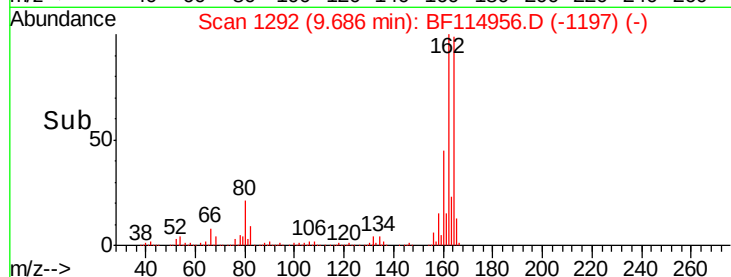
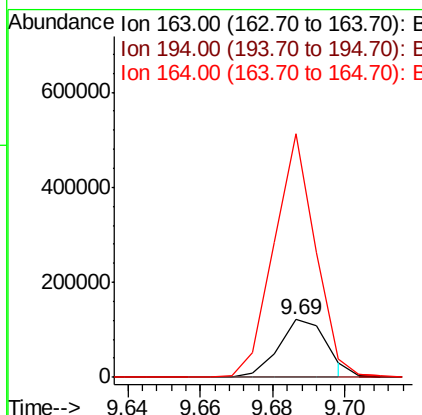
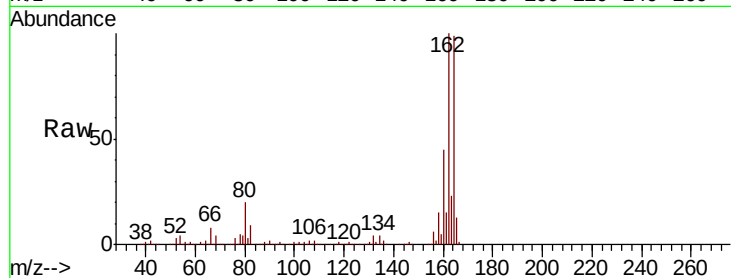




#50
Dimethylphthalate
Concen: 3.658 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.26 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

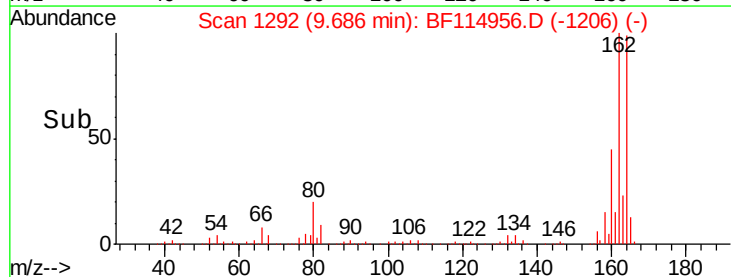
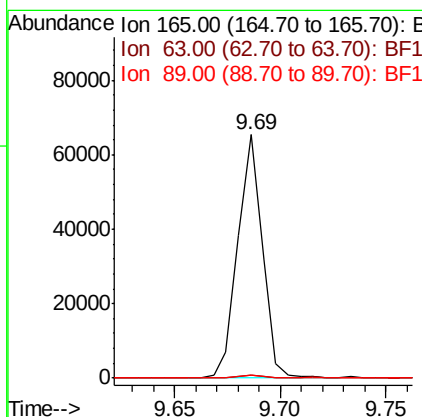
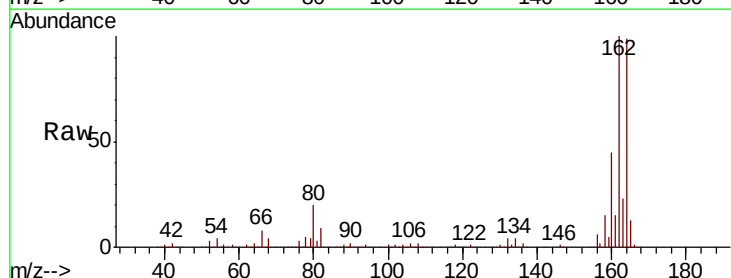
Instrument :
BNA_F
ClientSampleId :

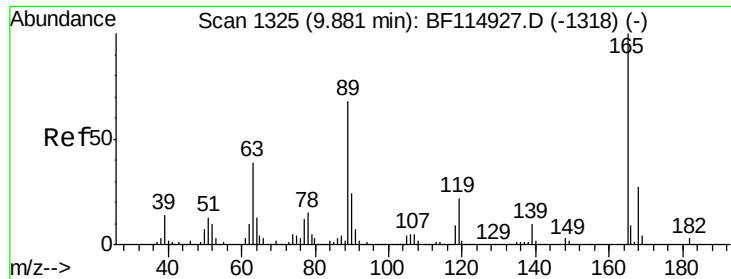
Tot Ion:163 Resp: 113207
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 423.3 8.7 13.1#



#51
2,6-Dinitrotoluene
Concen: 7.386 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.21 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:165 Resp: 52509
Ion Ratio Lower Upper
165 100
63 1.0 38.3 57.5#
89 1.4 40.8 61.2#

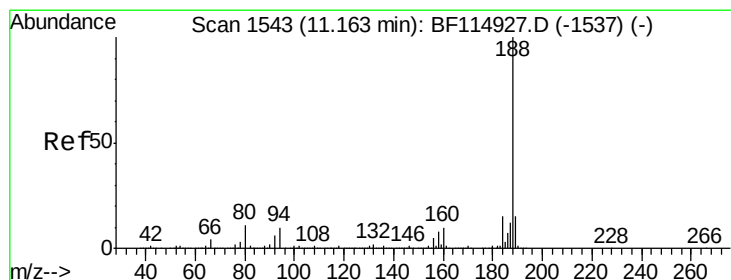
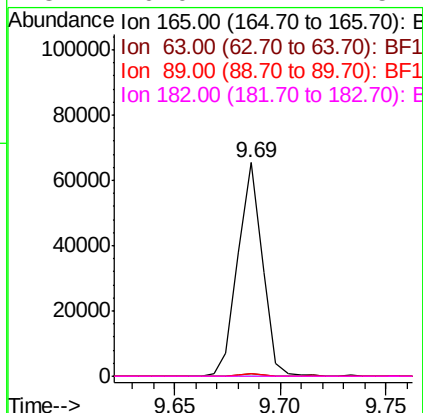
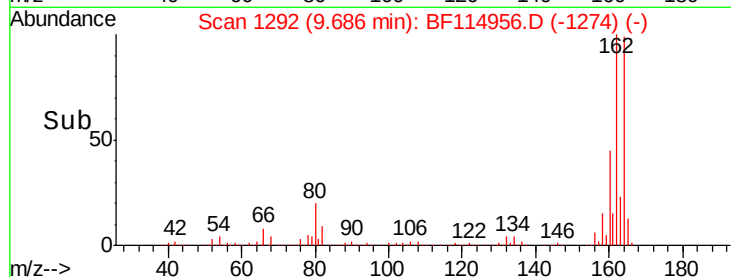
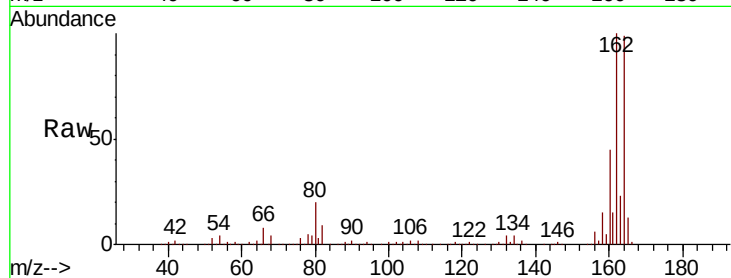




#57
 2,4-Dinitrotoluene
 Concen: 5.843 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.19 min
 Lab File: BF114956.D
 Acq: 11 Jun 2019 21:08

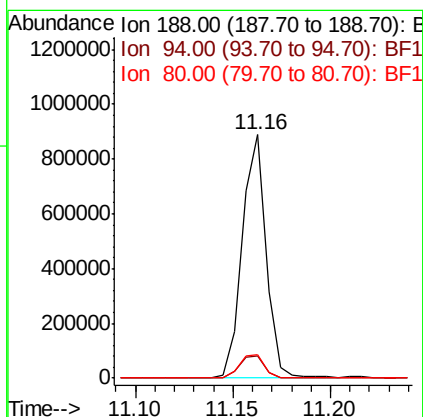
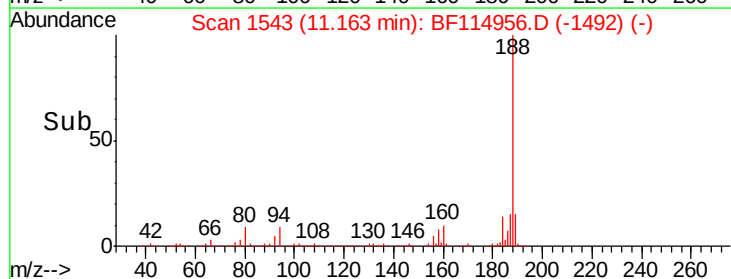
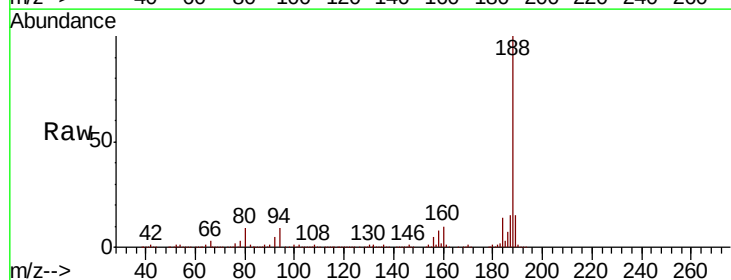
Instrument :
 BNA_F
 ClientSampled :

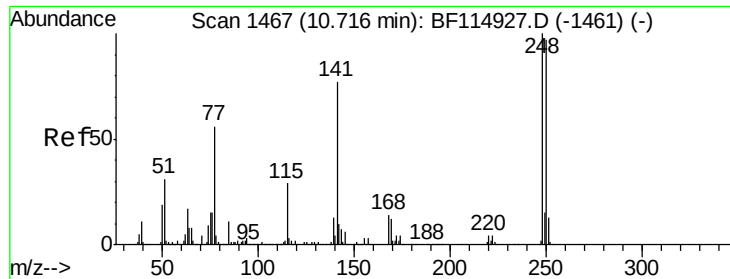
Tot Ion:165	Resp:	52509
Ion Ratio	Lower	Upper
165 100		
63 1.0	31.8	47.6#
89 1.4	54.2	81.2#
182 0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF114956.D
 Acq: 11 Jun 2019 21:08

Tgt Ion:188	Resp:	755224
Ion Ratio	Lower	Upper
188 100		
94 9.3	8.1	12.1
80 9.5	8.6	12.8

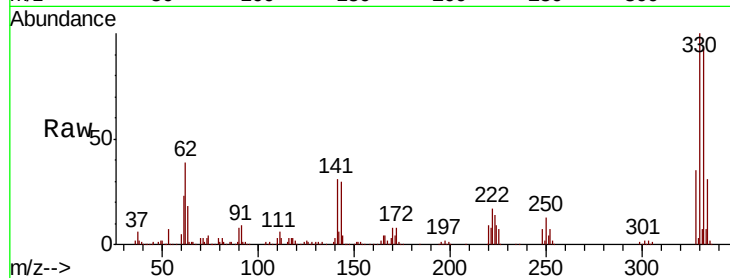




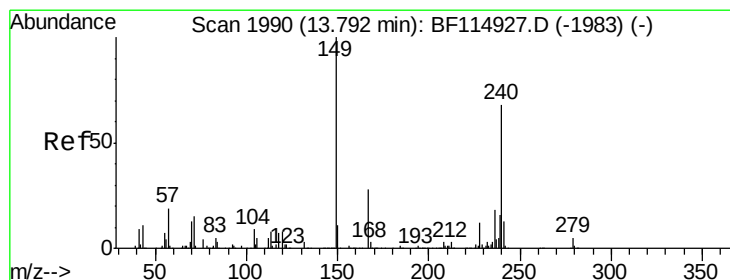
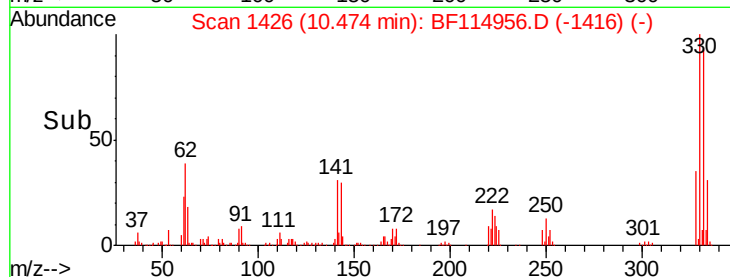
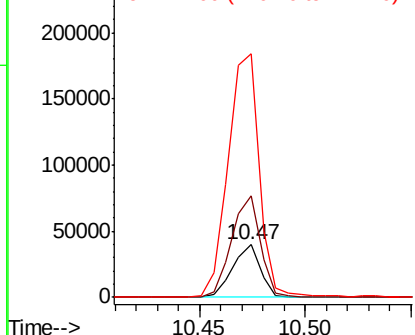
#67
 4-Bromophenyl-phenylether
 Concen: 4.425 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.24 min
 Lab File: BF114956.D
 Acq: 11 Jun 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 36198
 Ion Ratio Lower Upper
 248 100
 250 194.1 77.4 116.0#
 141 463.2 61.8 92.6#

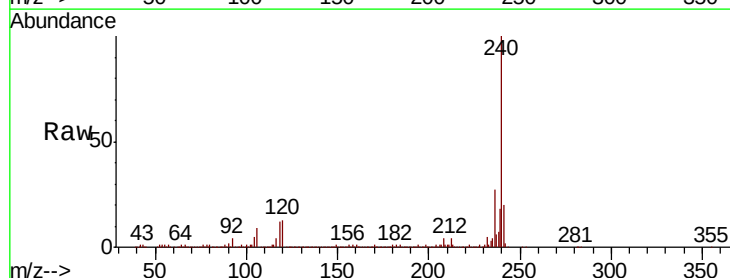


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

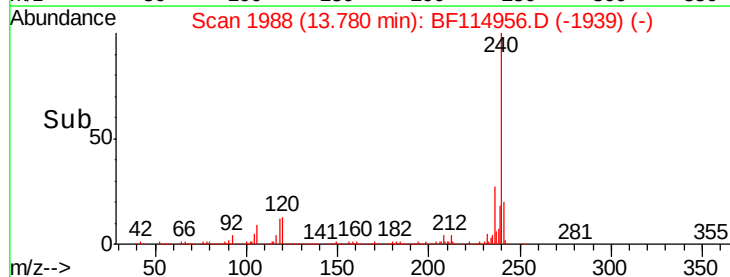
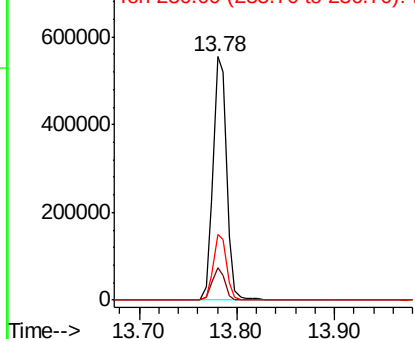


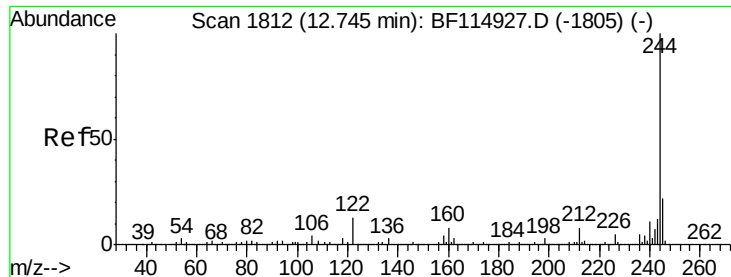
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF114956.D
 Acq: 11 Jun 2019 21:08

Tgt Ion:240 Resp: 540533
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.2 13.8
 236 27.2 21.7 32.5



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



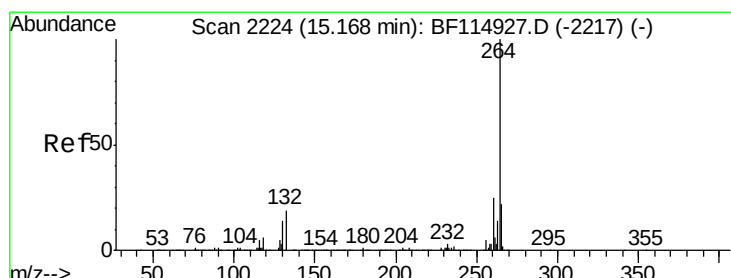
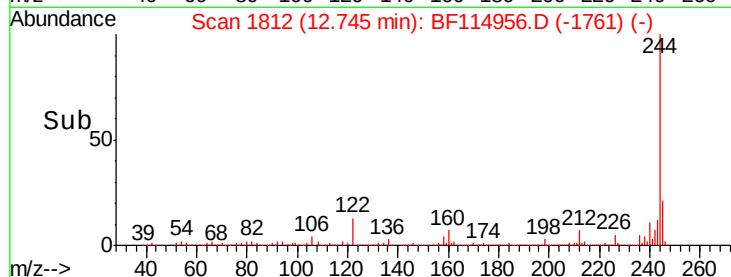
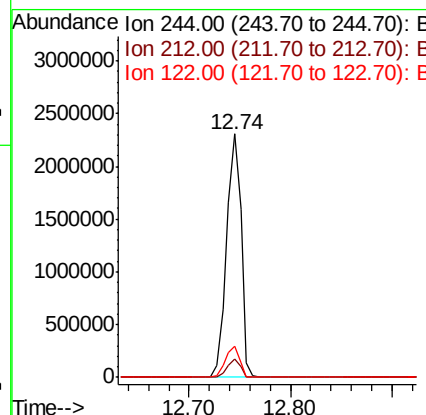
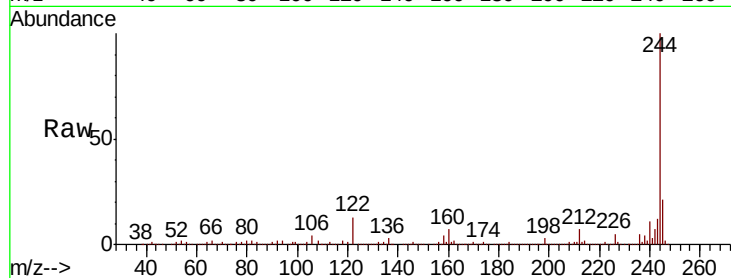


#79
 Terphenyl-d14
 Concen: 84.890 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF114956.D
 Acq: 11 Jun 2019 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2307313

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	12.5	10.2	15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF114956.D
 Acq: 11 Jun 2019 21:08

Tgt Ion:264 Resp: 505642

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.6	17.5	26.3

