

Data File : BF114774.D
Acq On : 1 Jun 2019 23:49
Operator : HP/JU
Sample : K3105-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Quant Time: Jun 03 01:48:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	380295	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1341938	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	611389	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1044501	20.00	ng	0.00
76) Chrysene-d12	13.82	240	807743	20.00	ng	0.00
87) Perylene-d12	15.20	264	703251	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2493640	115.12	ng	0.02
7) Phenol-d6	6.33	99	2720643	104.23	ng	0.00
23) Nitrobenzene-d5	7.26	82	1987828	92.42	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	762979	130.97	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3470063	111.63	ng	0.00
79) Terphenyl-d14	12.78	244	3142948	73.16	ng	0.00

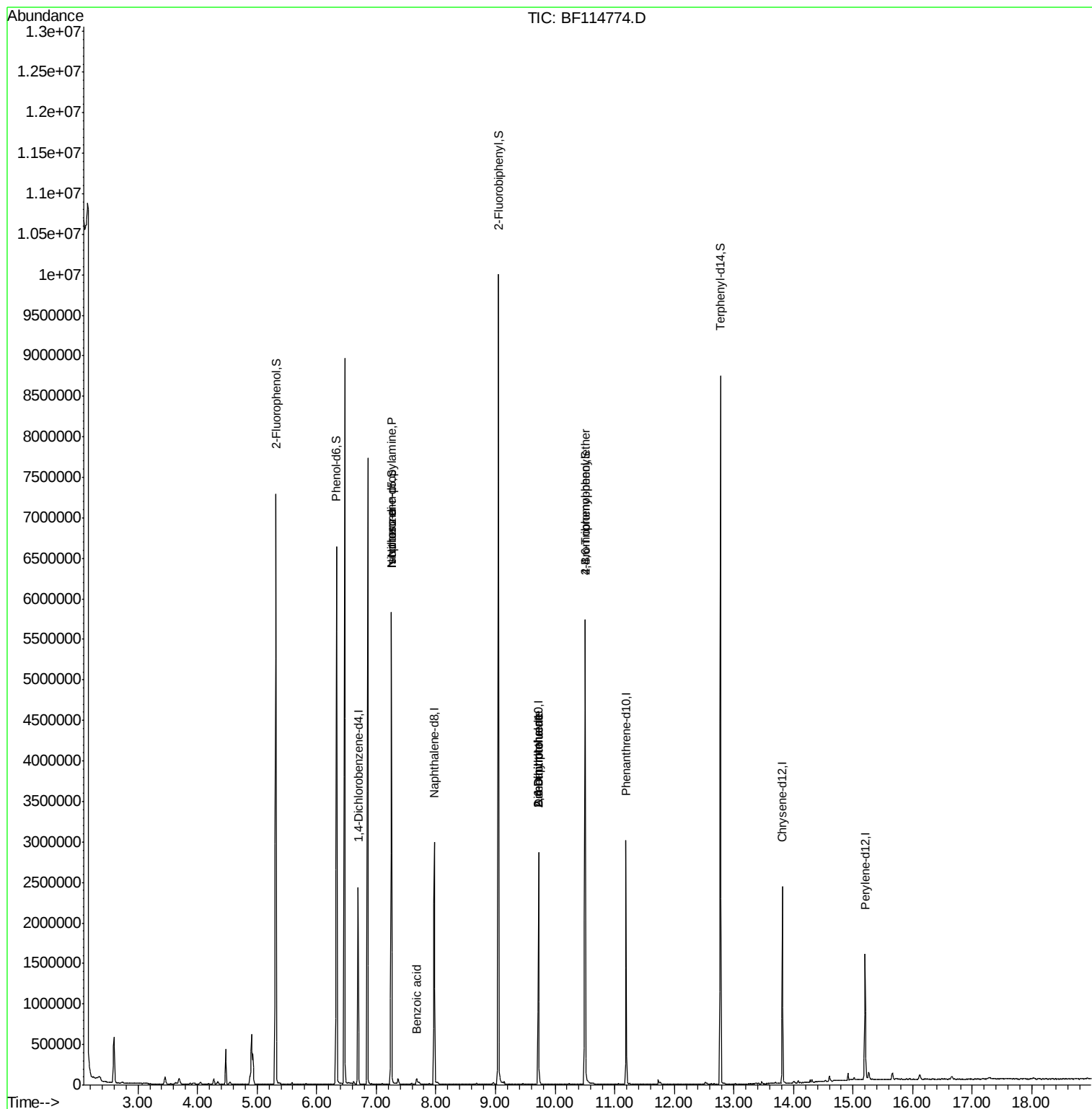
Target Compounds				Qvalue		
9) Benzaldehyde	6.34	77	4642	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	272258	15.111 ng	#	74
25) Isophorone	7.26	82	1949528	45.163 ng	#	63
32) Benzoic acid	7.68	122	25044	2.085 ng		95
50) Dimethylphthalate	9.72	163	171680	4.030 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	79643	8.045 ng	#	31
57) 2,4-Dinitrotoluene	9.72	165	79643	6.269 ng	#	24
58) Fluorene	10.26	166	1992	Below Cal	#	85
67) 4-Bromophenyl-phenylether	10.50	248	48499	4.330 ng	#	1
74) Di-n-butylphthalate	11.77	149	7694	Below Cal		97

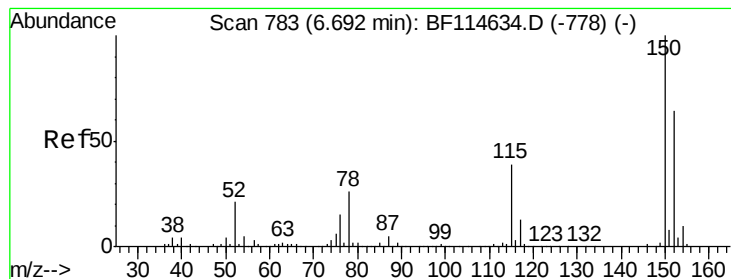
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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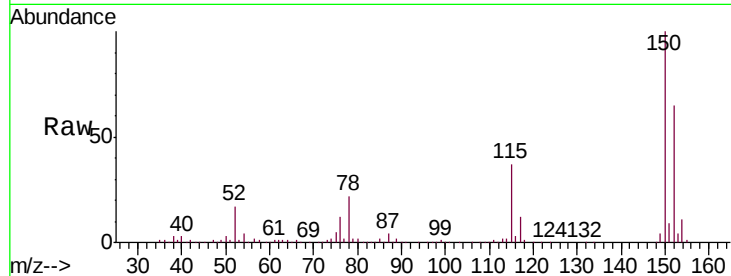


#1

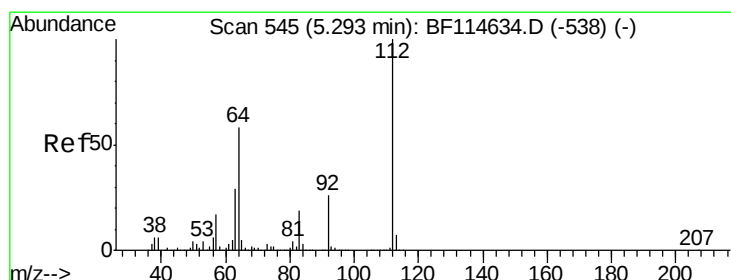
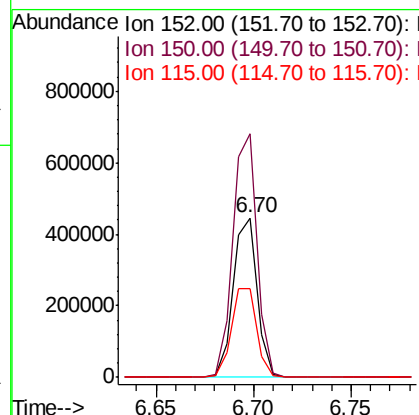
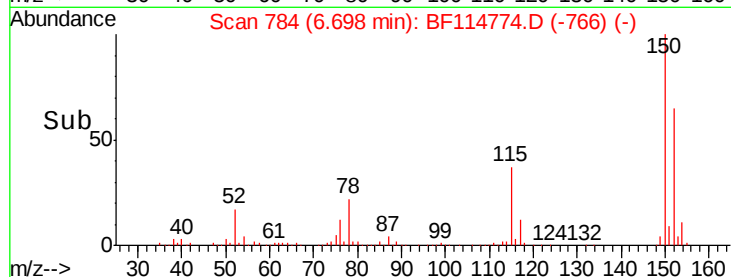
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tgt Ion:152 Resp: 380295
Ion Ratio Lower Upper
152 100
150 152.7 124.4 186.6
115 55.9 48.7 73.1



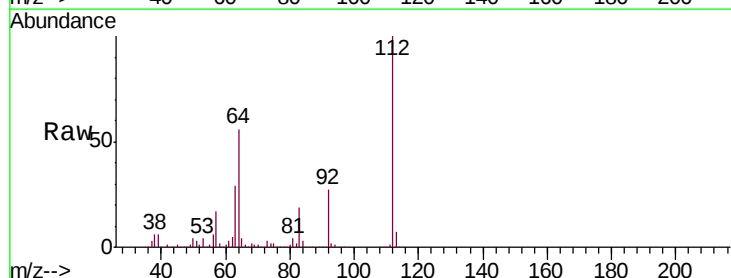
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



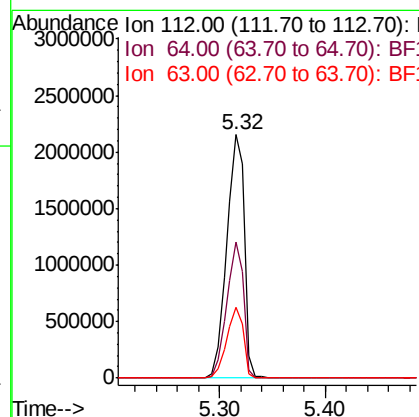
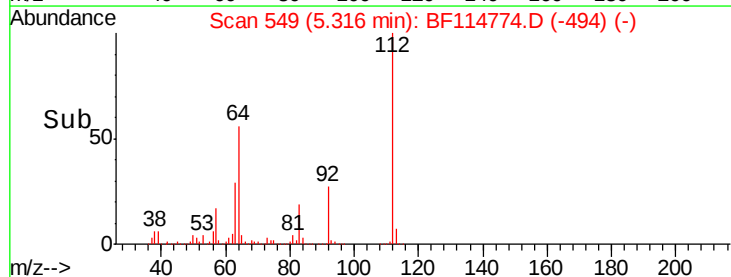
#5

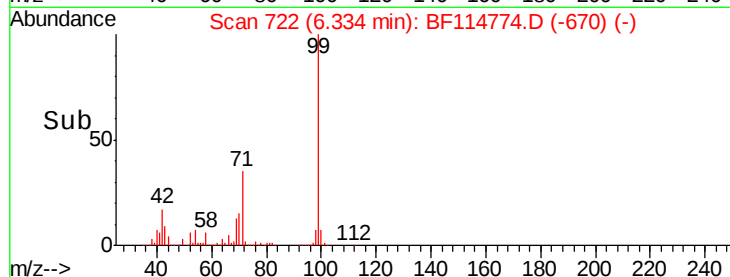
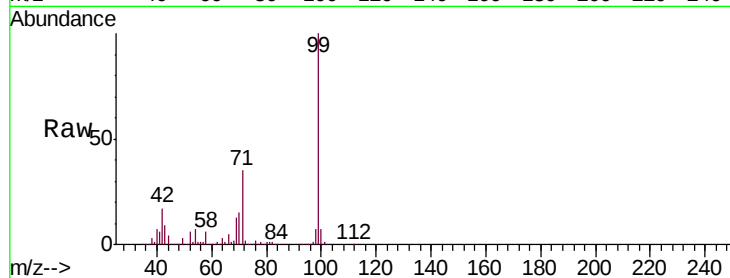
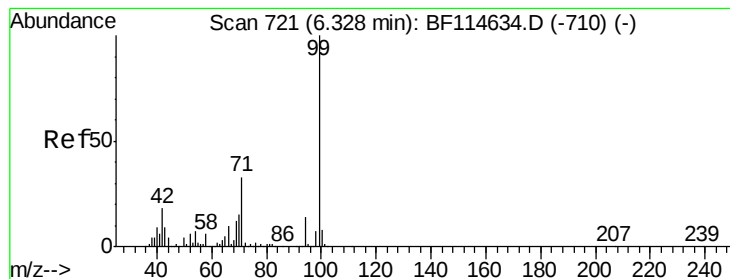
2-Fluorophenol
Concen: 115.124 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

Tgt Ion:112 Resp: 2493640
Ion Ratio Lower Upper
112 100
64 55.9 46.1 69.1
63 28.9 23.4 35.2



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: 104.233 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114774.D

Acq: 1 Jun 2019 23:49

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

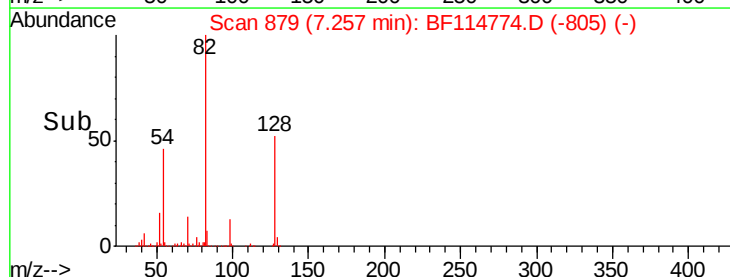
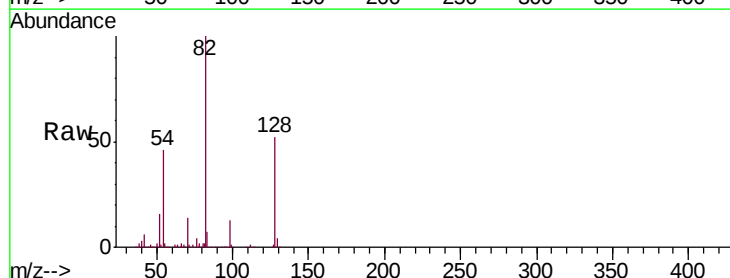
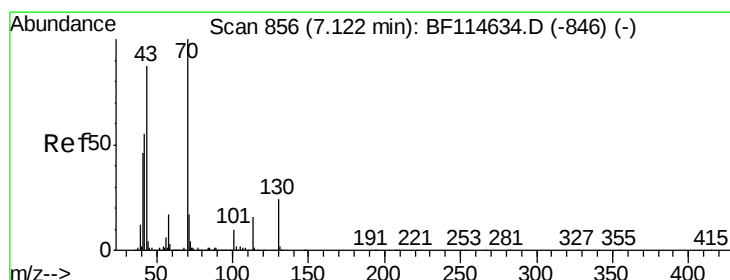
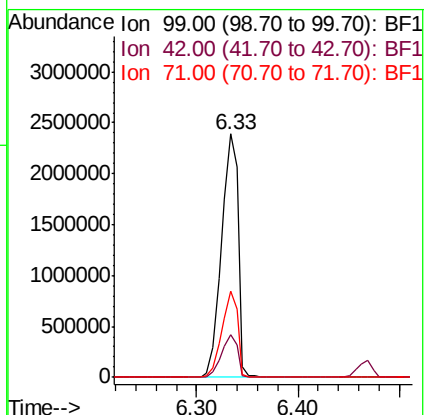
Tgt Ion: 99 Resp: 2720643

Ion Ratio Lower Upper

99 100

42 17.5 14.7 22.1

71 35.3 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.111 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114774.D

Acq: 1 Jun 2019 23:49

Tgt Ion: 70 Resp: 272258

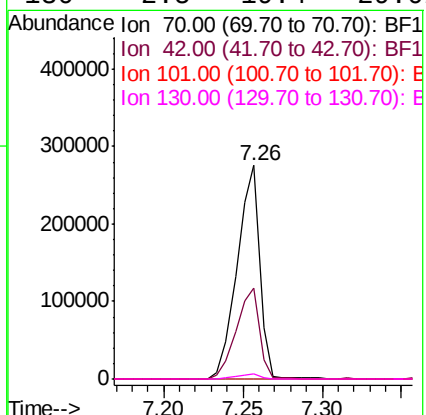
Ion Ratio Lower Upper

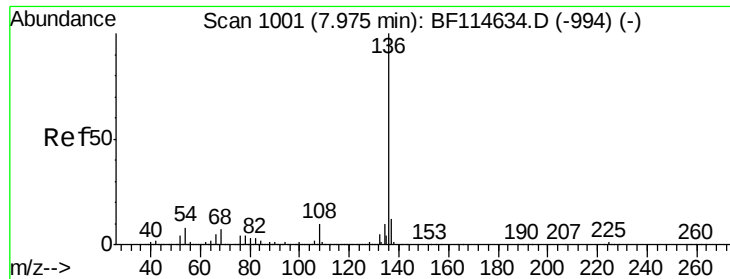
70 100

42 42.6 44.4 66.6#

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

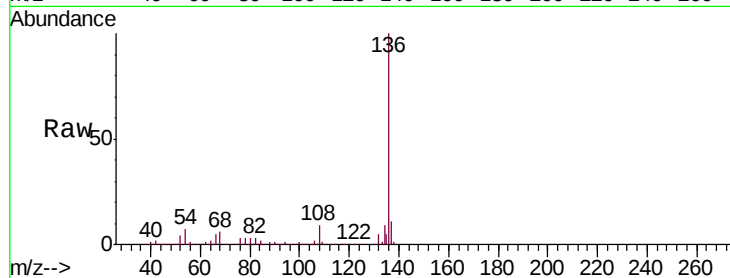




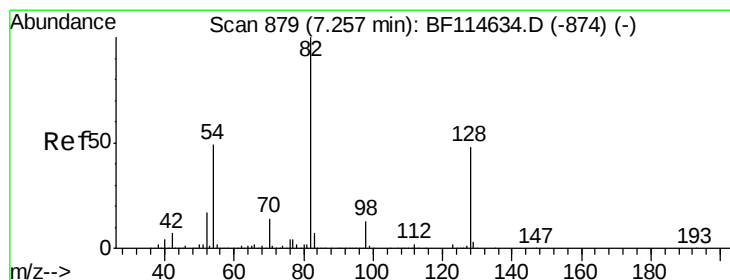
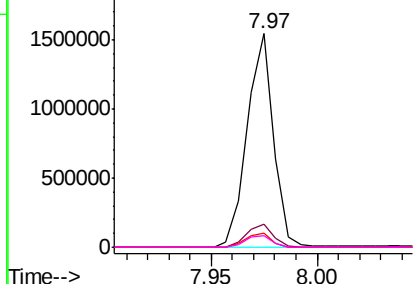
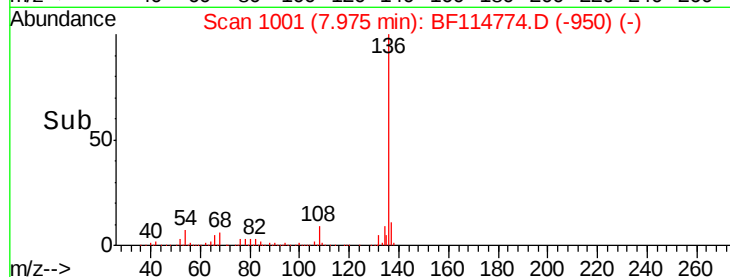
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tgt Ion:136 Resp: 1341938
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 6.6 6.3 9.5
68 5.6 5.4 8.0

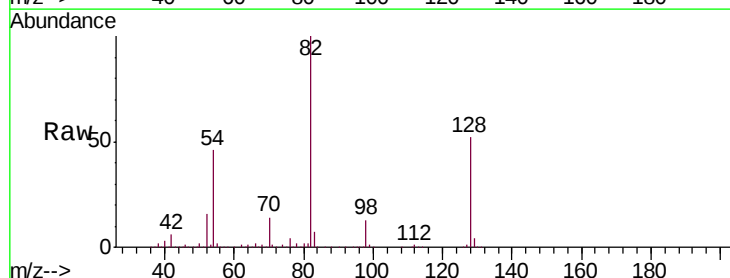


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

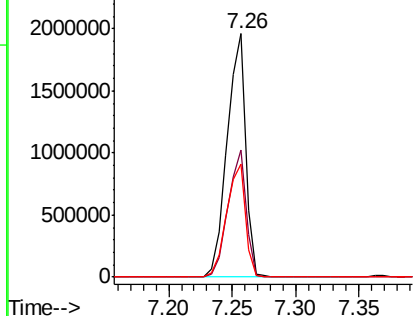
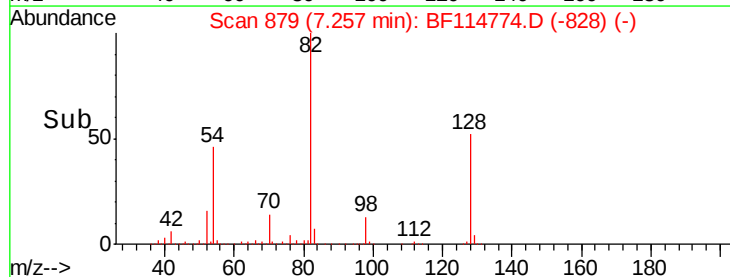


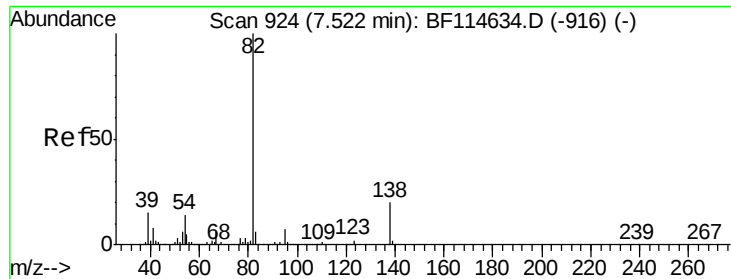
#23
Nitrobenzene-d5
Concen: 92.418 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

Tgt Ion: 82 Resp: 1987828
Ion Ratio Lower Upper
82 100
128 52.5 38.5 57.7
54 46.5 39.1 58.7



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: 45.163 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114774.D

Acq: 1 Jun 2019 23:49

Instrument :

BNA_F

ClientSampleId :

TRIANGLE

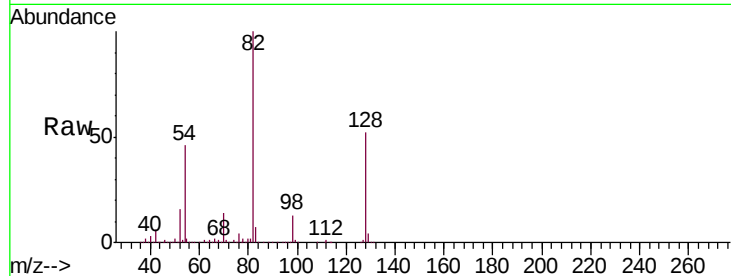
Tgt Ion: 82 Resp: 1949528

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

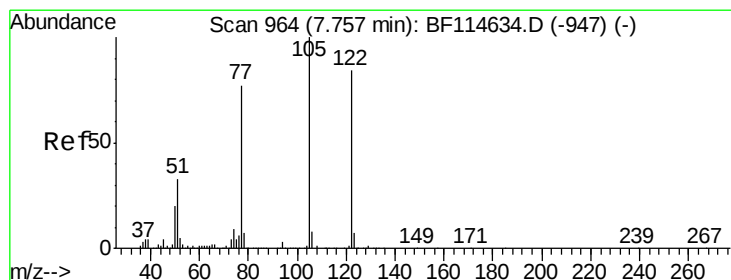
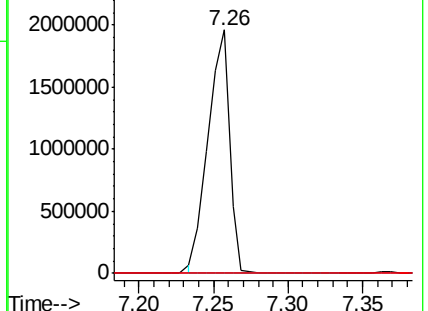
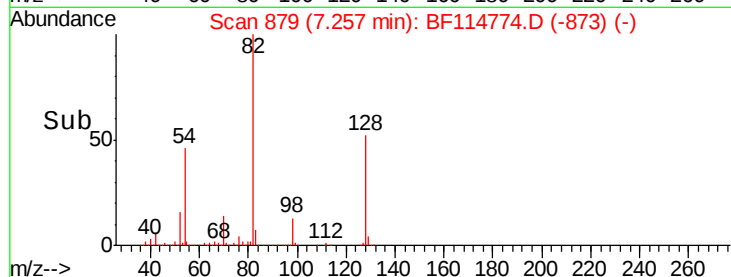
138 0.0 15.9 23.9#



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



#32

Benzoic acid

Concen: 2.085 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.08 min

Lab File: BF114774.D

Acq: 1 Jun 2019 23:49

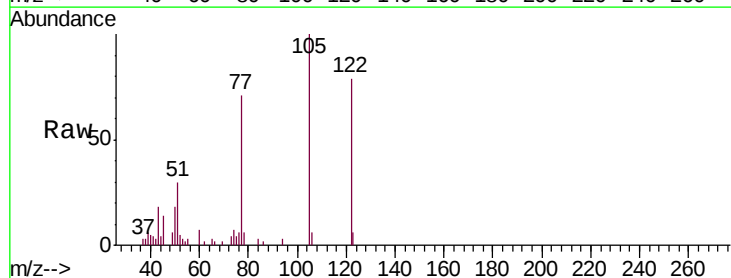
Tgt Ion: 122 Resp: 25044

Ion Ratio Lower Upper

122 100

105 127.4 98.3 138.3

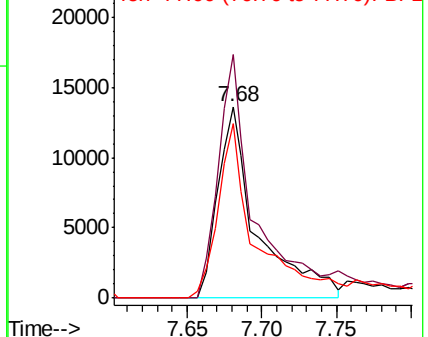
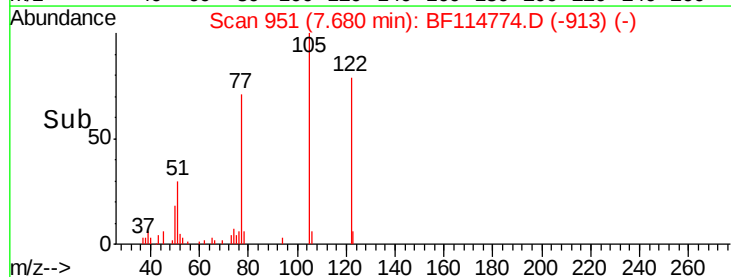
77 91.0 70.7 110.7

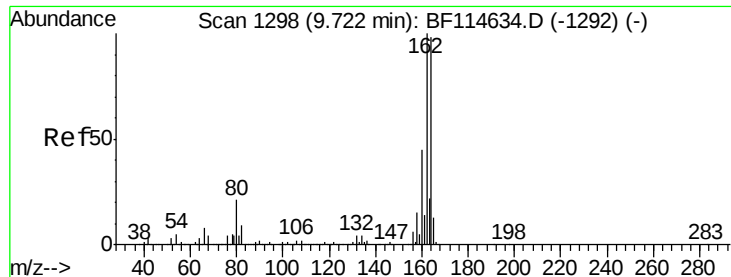


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

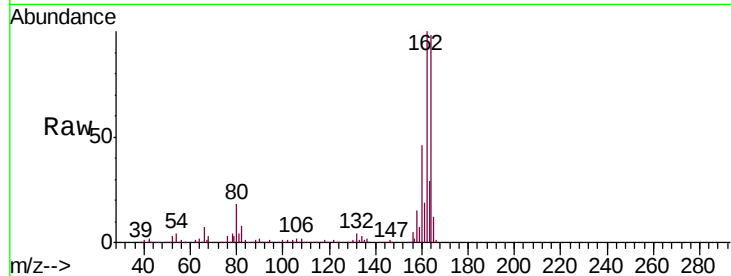




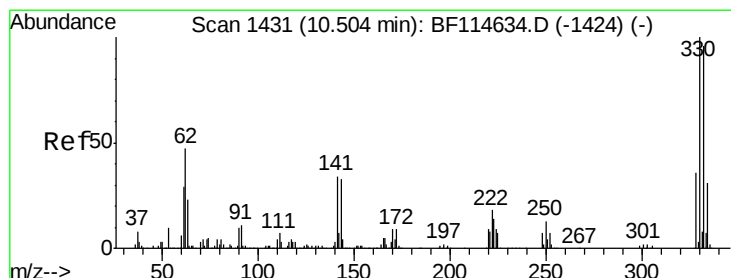
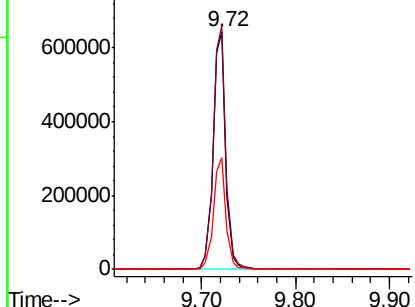
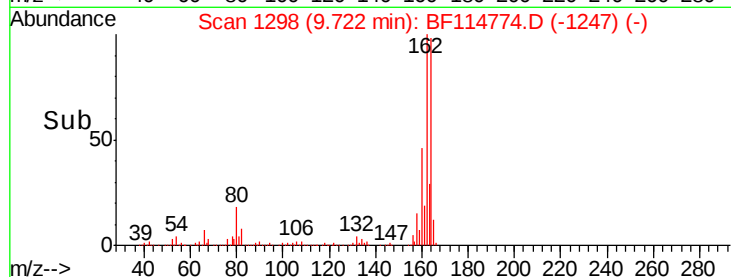
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

Instrument :
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Tgt Ion:164 Resp: 611389
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.2
160 46.9 36.6 54.8

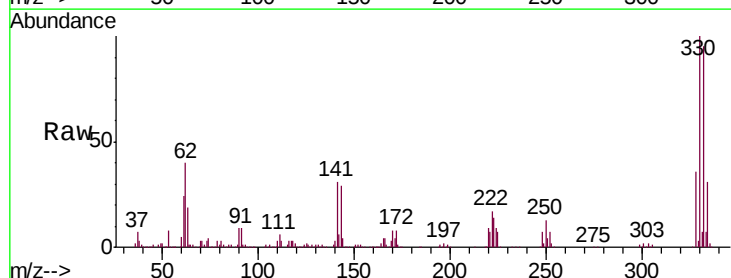


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

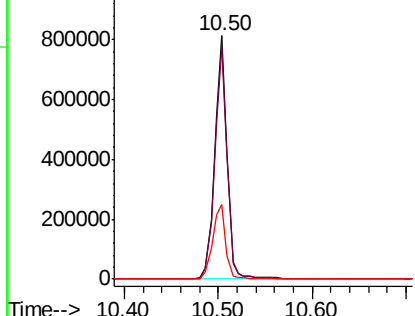
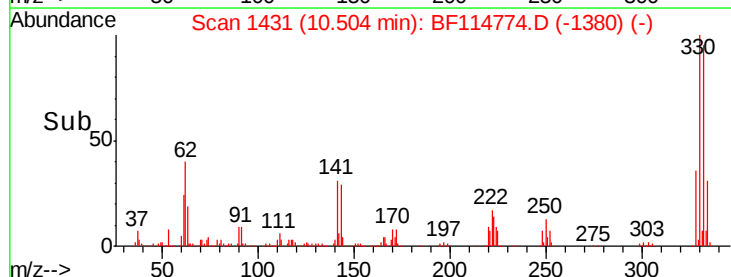


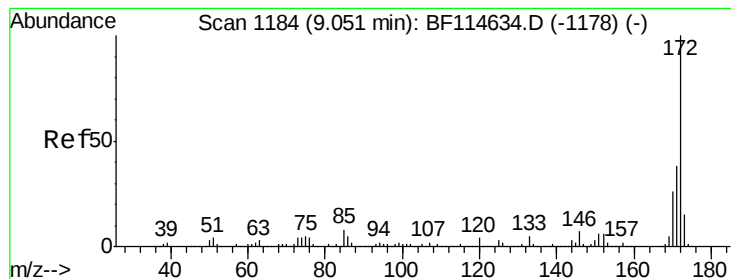
#42
2,4,6-Tribromophenol
Concen: 130.971 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

Tgt Ion:330 Resp: 762979
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.8
141 32.4 27.8 41.8



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: 111.631 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF114774.D

Acq: 1 Jun 2019 23:49

Instrument :

BNA_F

ClientSampleId :

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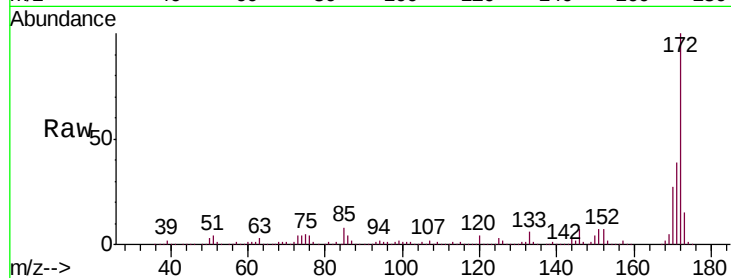
Tgt Ion:172 Resp: 3470063

Ion Ratio Lower Upper

172 100

171 39.2 30.6 45.8

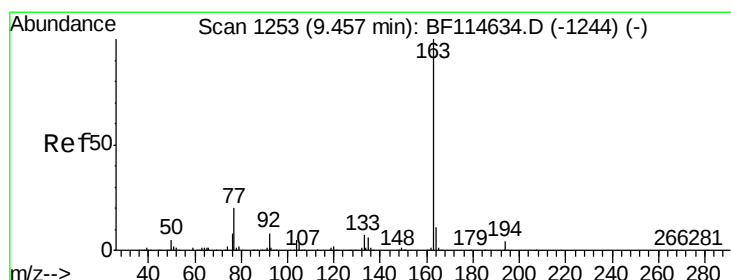
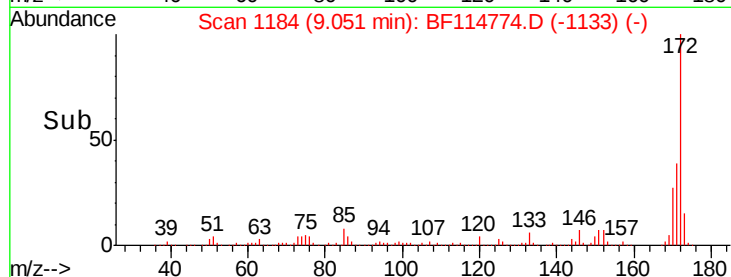
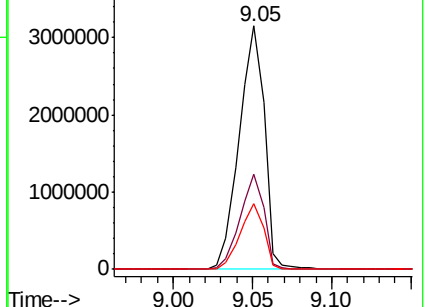
170 26.9 20.7 31.1



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: 4.030 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114774.D

Acq: 1 Jun 2019 23:49

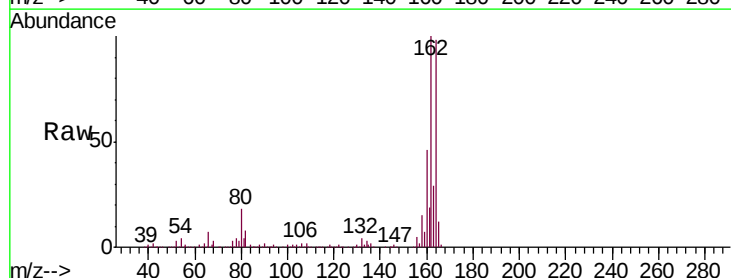
Tgt Ion:163 Resp: 171680

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

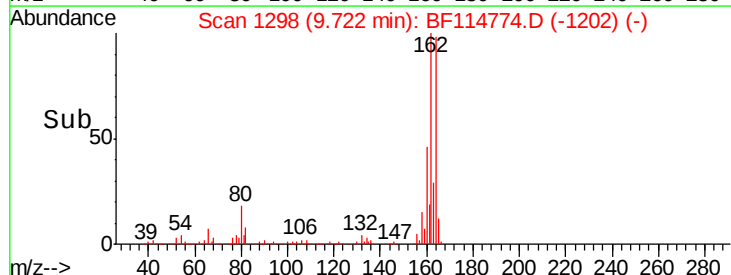
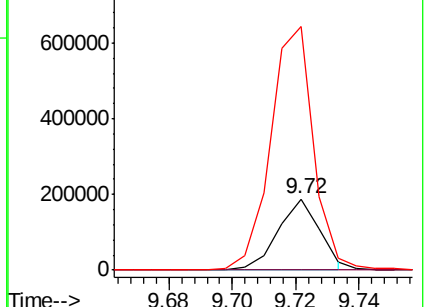
164 340.9 8.6 13.0#

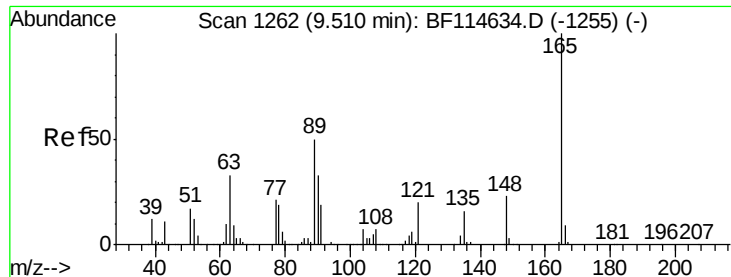


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

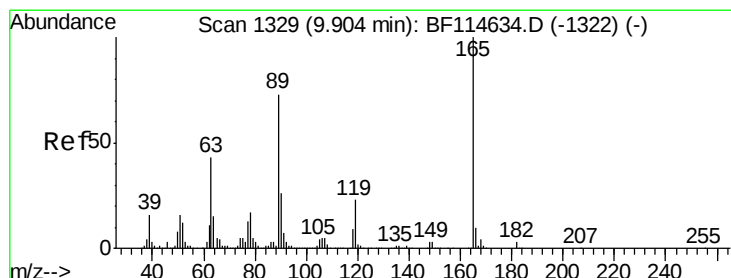
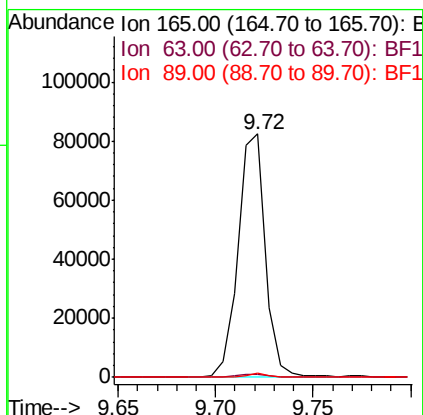
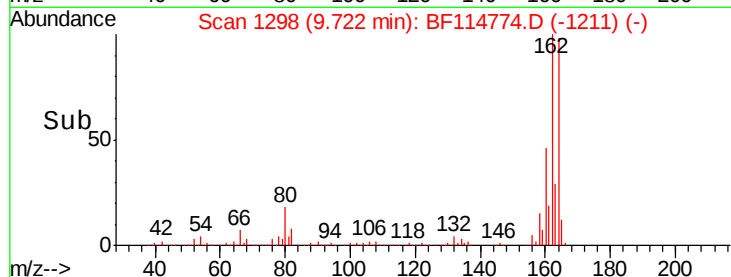
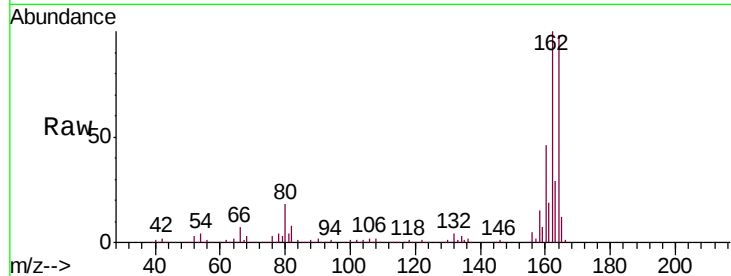




#51
 2,6-Dinitrotoluene
 Concen: 8.045 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.21 min
 Lab File: BF114774.D
 Acq: 1 Jun 2019 23:49

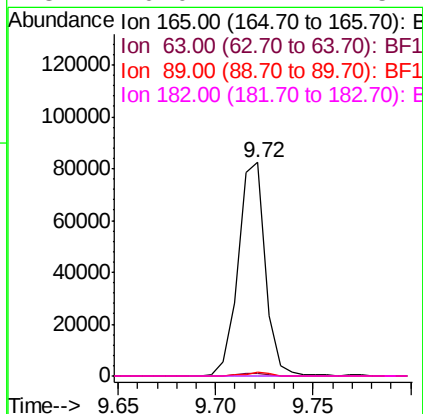
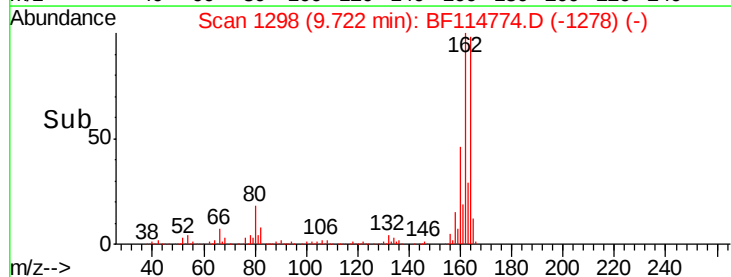
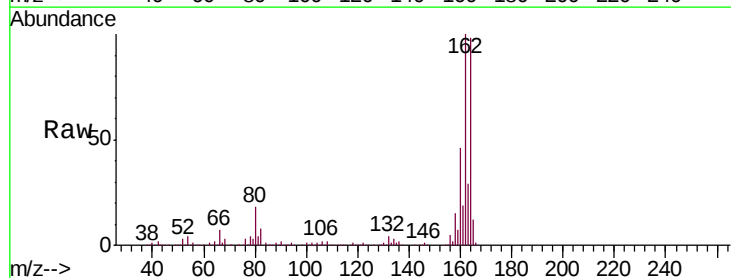
Instrument :
 BNA_F
 ClientSampleId :
 TRIANGLE

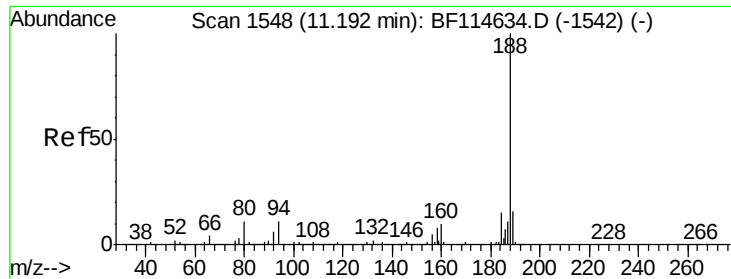
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.6	54.8#
89	1.8	40.2	60.4#



#57
 2,4-Dinitrotoluene
 Concen: 6.269 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.18 min
 Lab File: BF114774.D
 Acq: 1 Jun 2019 23:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.8	52.2#
89	1.8	58.5	87.7#
182	0.0	2.2	3.2#

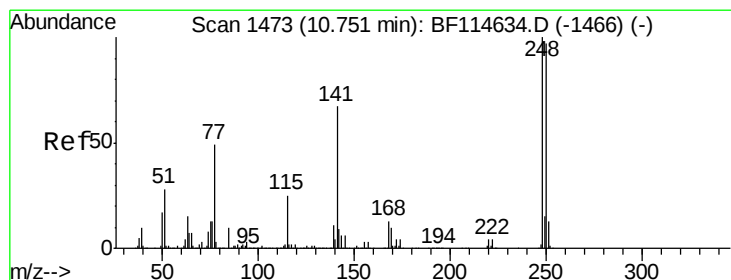
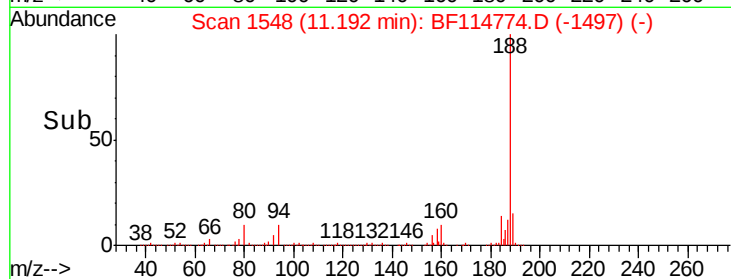
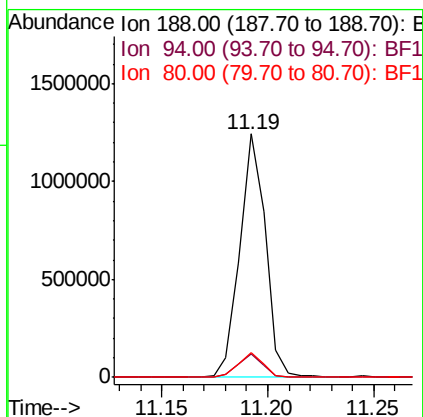
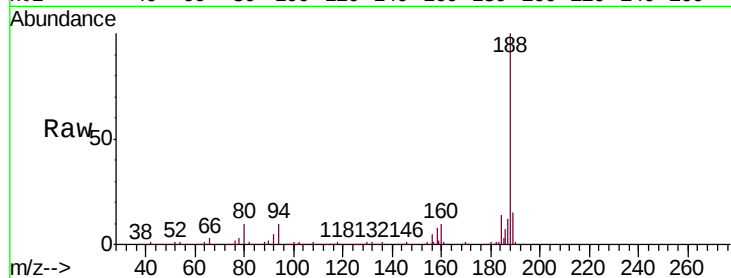




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

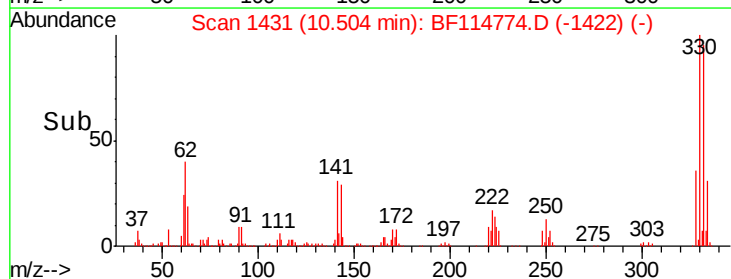
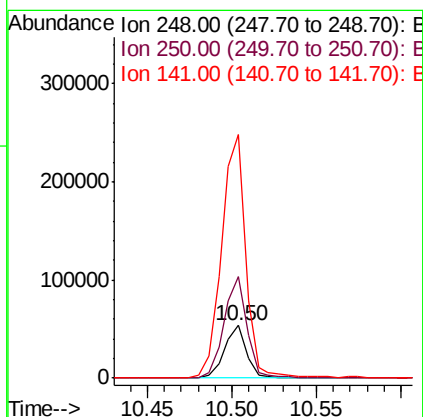
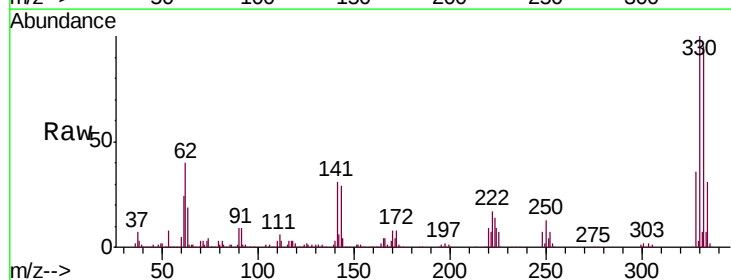
Instrument :
BNA_F
ClientSampleId :
TRIANGLE

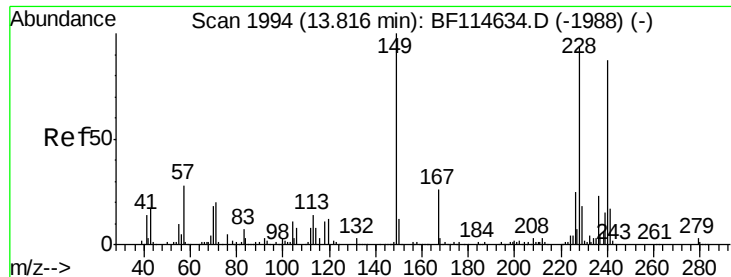
Tgt Ion:188 Resp: 1044501
Ion Ratio Lower Upper
188 100
94 9.6 8.6 13.0
80 10.1 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 4.330 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

Tgt Ion:248 Resp: 48499
Ion Ratio Lower Upper
248 100
250 194.1 78.0 117.0#
141 464.4 53.8 80.8#

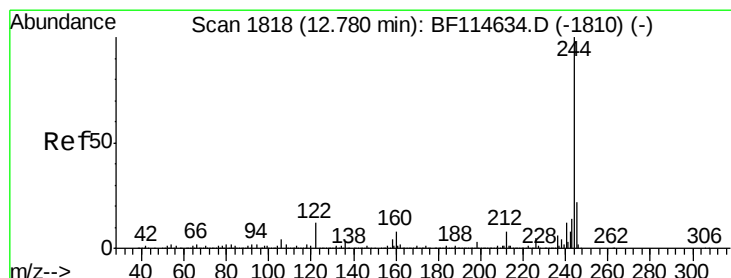
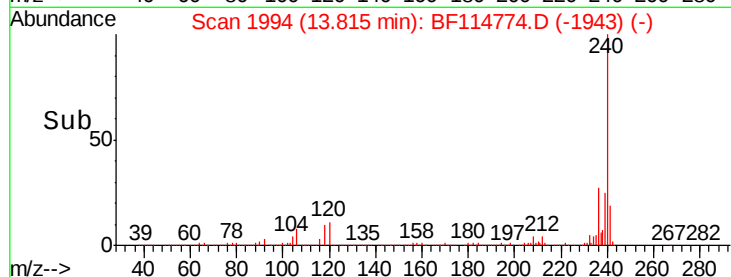
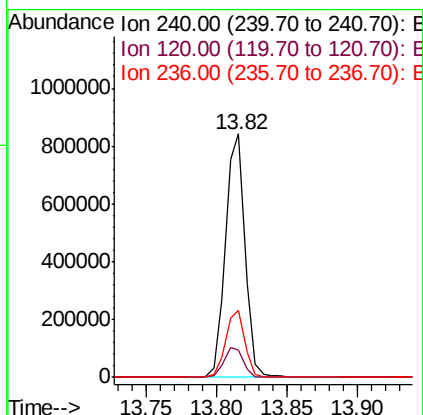
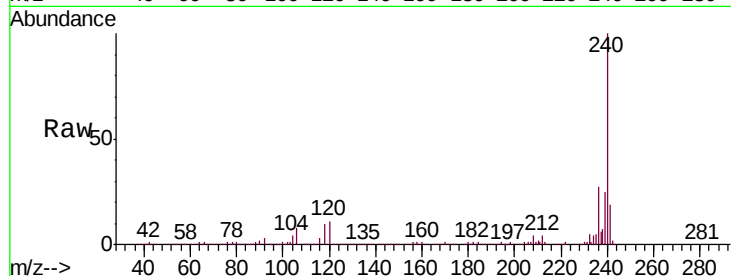




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

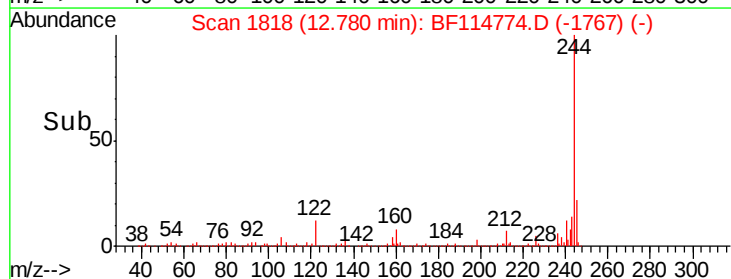
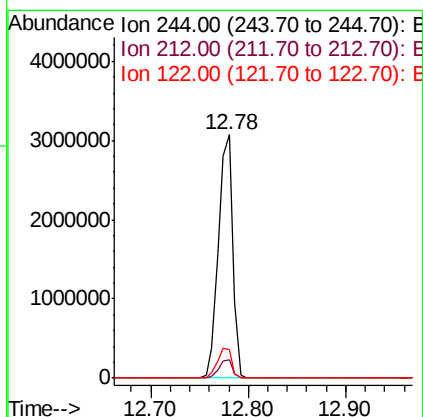
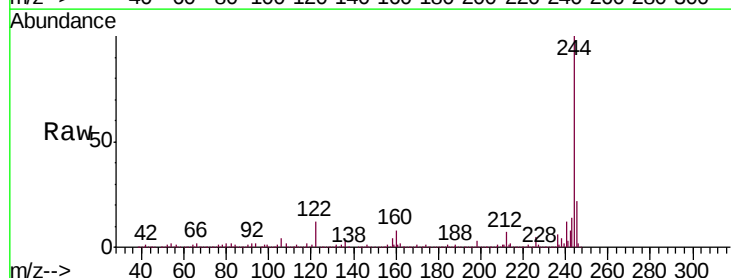
Instrument :
BNA_F
ClientSampled :
TRIANGLE

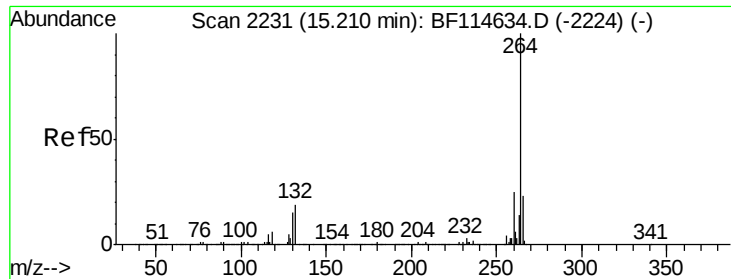
Tgt Ion:240 Resp: 807743
Ion Ratio Lower Upper
240 100
120 11.4 11.2 16.8
236 27.4 21.2 31.8



#79
Terphenyl-d14
Concen: 73.157 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

Tgt Ion:244 Resp: 3142948
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 11.9 9.8 14.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114774.D
Acq: 1 Jun 2019 23:49

Instrument :
BNA_F
ClientSampleId :
TRIANGLE

Tgt Ion: 264 Resp: 703251
Ion Ratio Lower Upper
264 100
260 24.4 19.7 29.5
265 21.6 18.1 27.1

