

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115058.D
 Acq On : 14 Jun 2019 23:29
 Operator : HP/JU
 Sample : K3369-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 04:55:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	280191	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1025069	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	459668	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	794712	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	509812	20.00	ng	-0.01
87) Perylene-d12	15.14	264	515309	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1888357	112.54	ng	0.00
7) Phenol-d6	6.30	99	2331511	115.18	ng	0.00
23) Nitrobenzene-d5	7.21	82	1434287	84.22	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	510179	103.64	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2424021	89.38	ng	0.00
79) Terphenyl-d14	12.73	244	2074449	76.53	ng	-0.01

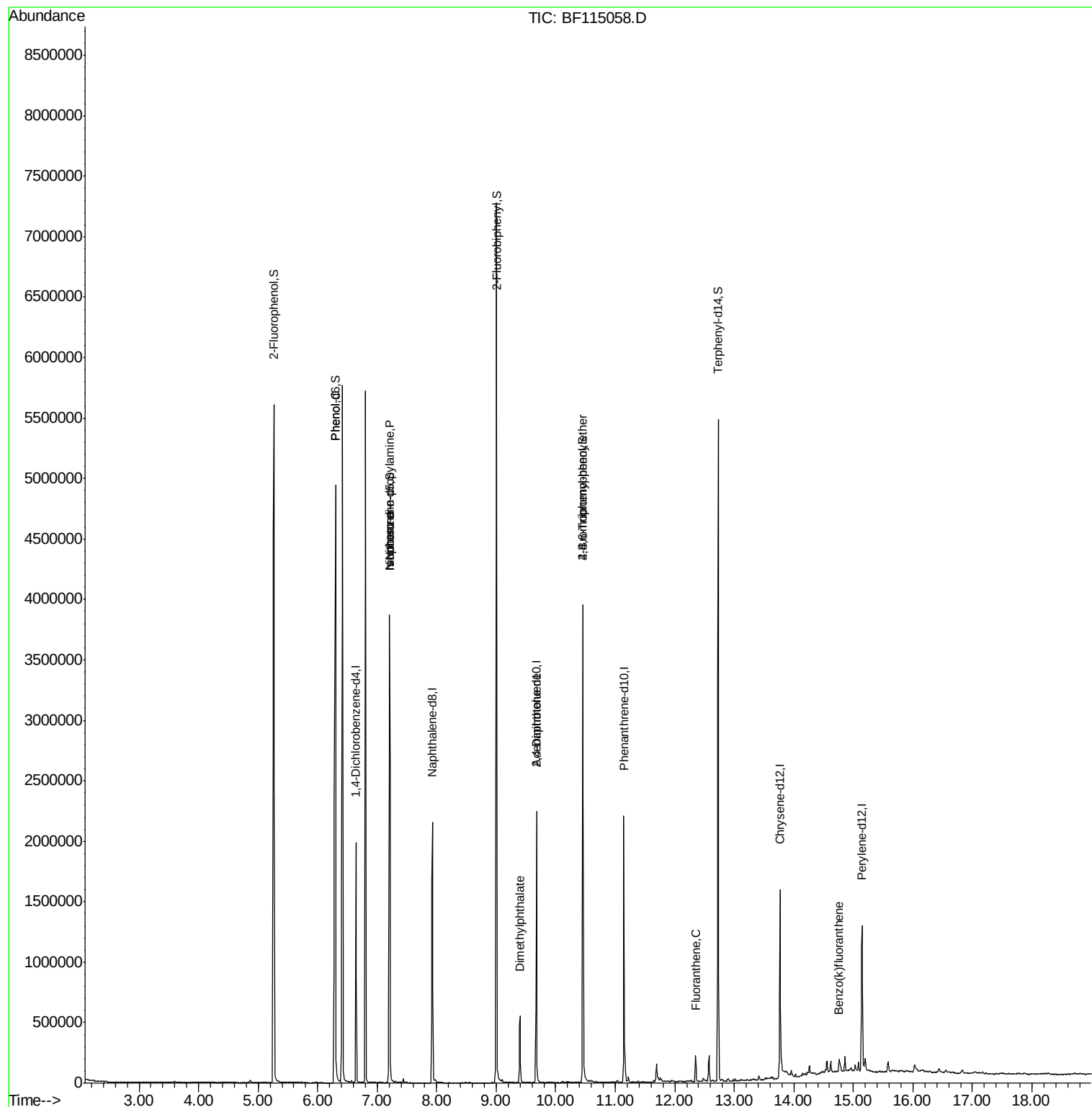
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.30	77	3901	Below Cal	#	1
10) Phenol	6.30	94	57395	2.534 ng	#	72
19) n-Nitroso-di-n-propylamine	7.21	70	188611	15.336 ng	#	77
25) Isophorone	7.21	82	1404543	44.035 ng	#	62
50) Dimethylphthalate	9.40	163	246663	7.135 ng	#	98
57) 2,4-Dinitrotoluene	9.67	165	58853	5.897 ng	#	29
58) Fluorene	10.22	166	2557	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.46	248	33405	3.915 ng	#	1
75) Fluoranthene	12.35	202	92020	2.193 ng	#	97
89) Benzo(k)fluoranthene	14.76	252	66611	2.215 ng	#	94

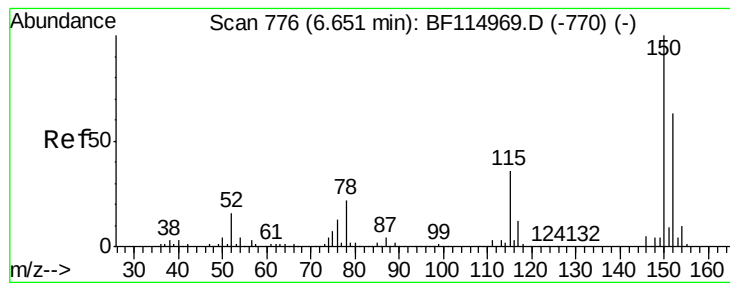
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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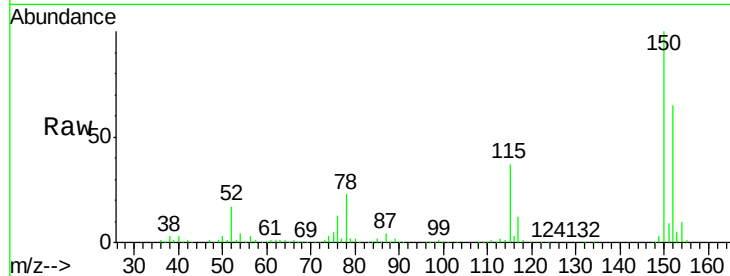


#1

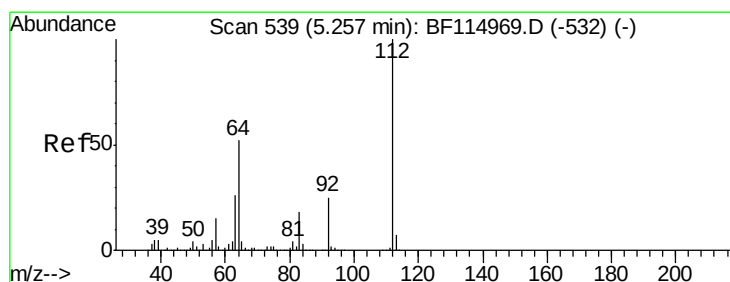
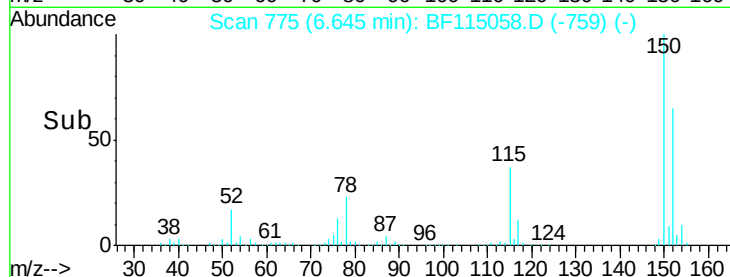
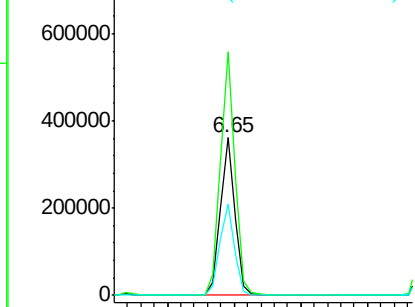
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.4	191.0
115	57.9	46.0	69.0



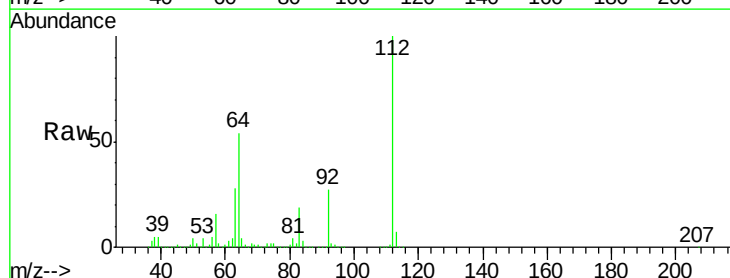
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



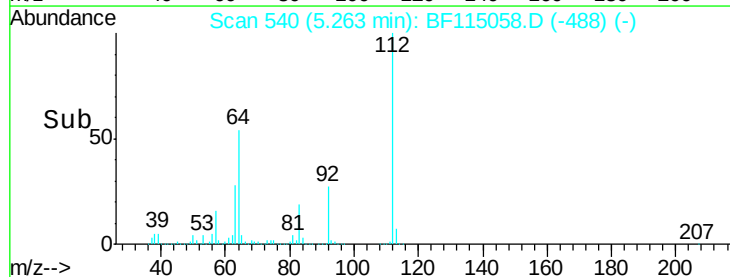
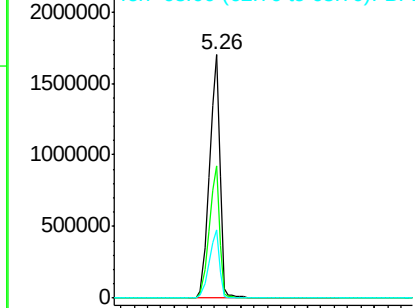
#5

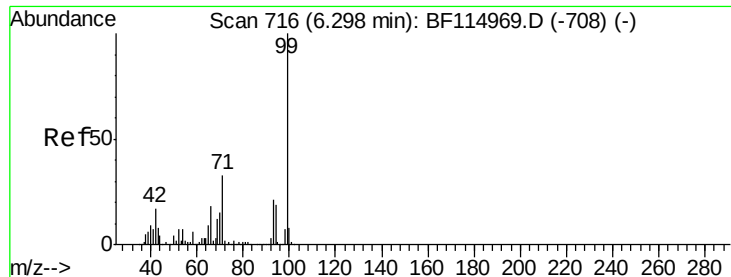
2-Fluorophenol
Concen: 112.536 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.6	62.4
63	28.0	20.9	31.3



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: 115.185 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

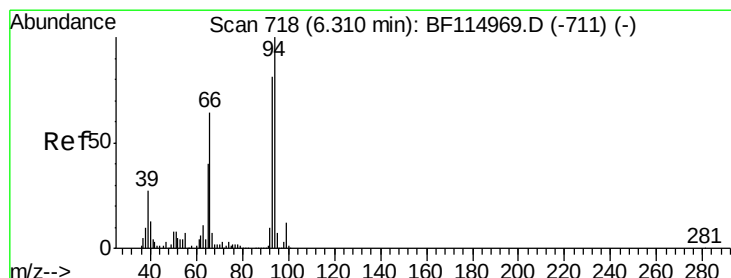
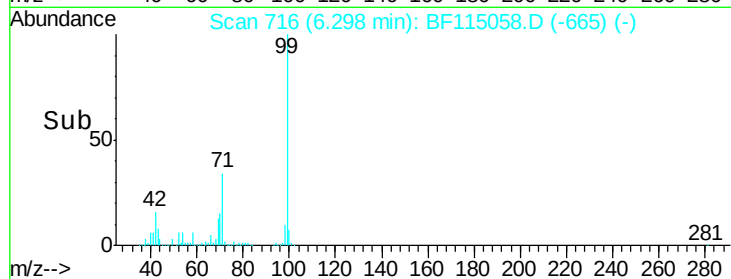
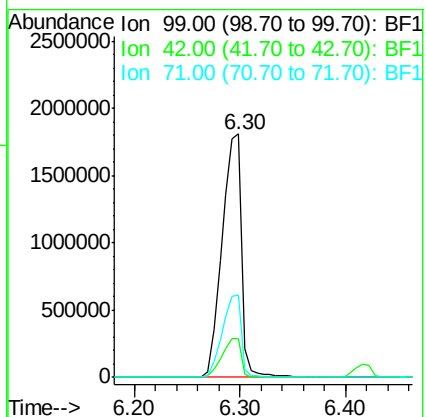
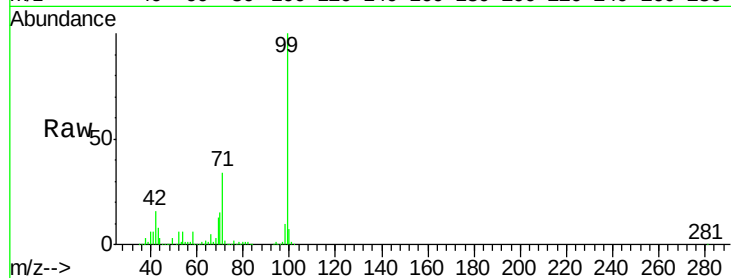
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2331511

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.2
71	33.8	26.4	39.6



#10

Phenol

Concen: 2.534 ng

RT: 6.30 min Scan# 717

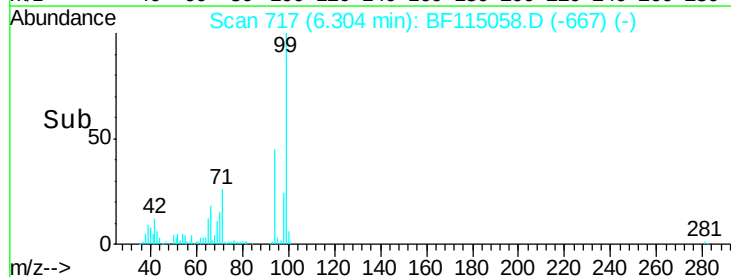
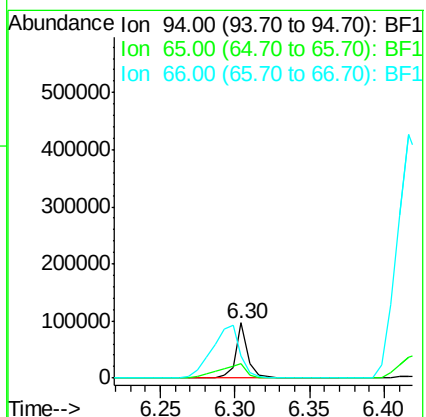
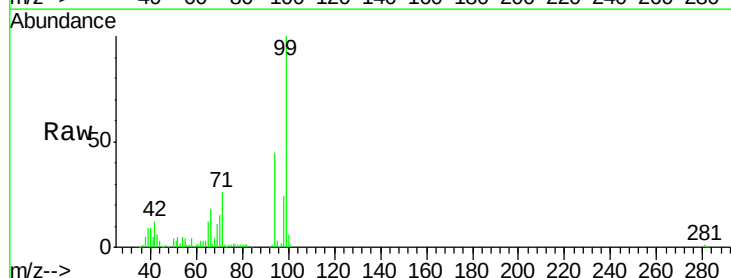
Delta R.T. -0.01 min

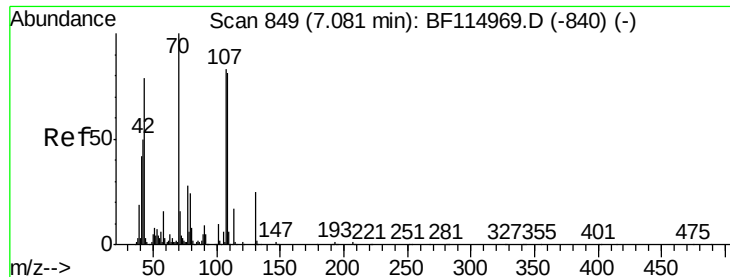
Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

Tgt Ion: 94 Resp: 57395

Ion	Ratio	Lower	Upper
94	100		
65	25.8	20.0	60.0
66	40.1	44.1	84.1





#19

n-Nitroso-di-n-propylamine

Concen: 15.336 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.13 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

Instrument :

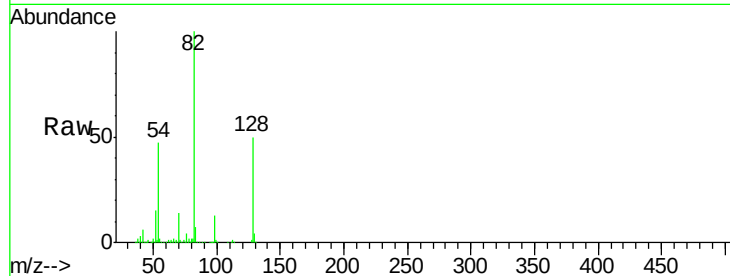
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 188611

Ion Ratio Lower Upper

70	100		
42	43.3	40.3	60.5
101	0.0	8.2	12.4#
130	2.3	20.3	30.5#



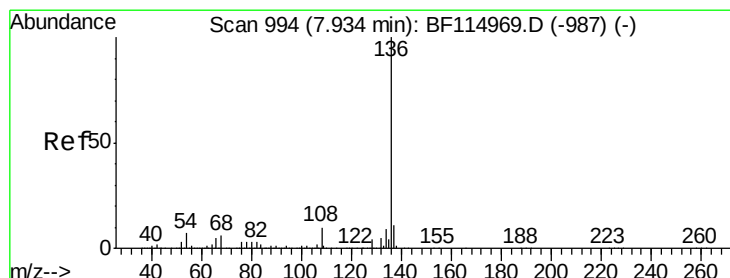
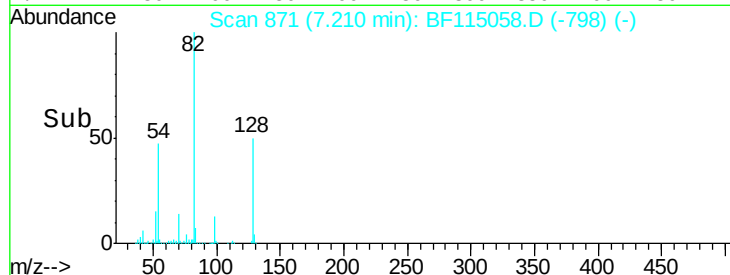
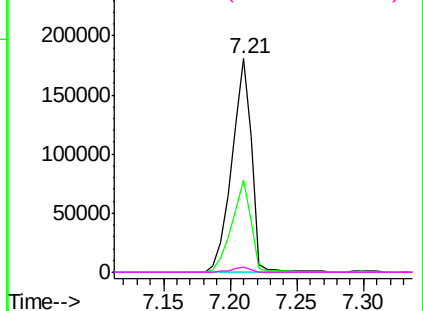
Abundance

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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

Tgt Ion: 136 Resp: 1025069

Ion Ratio Lower Upper

136	100		
137	11.1	9.0	13.4
54	6.1	5.4	8.0
68	5.5	4.6	7.0

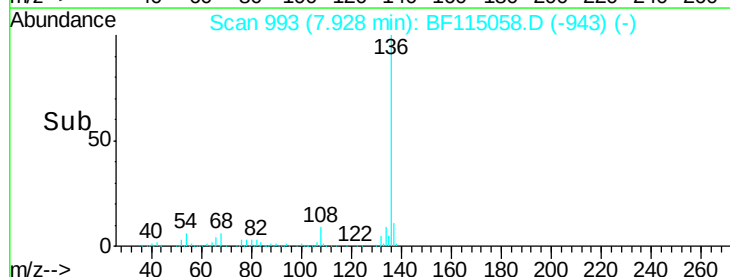
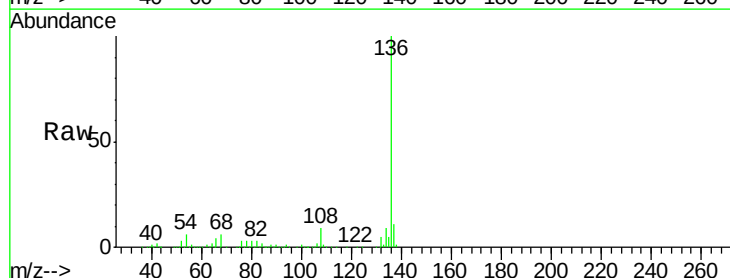
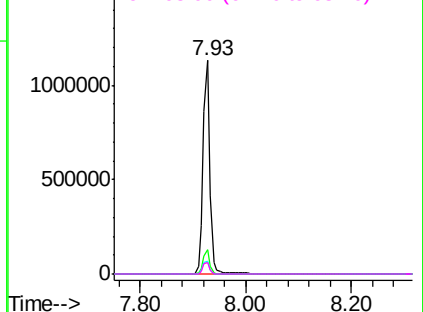
Abundance

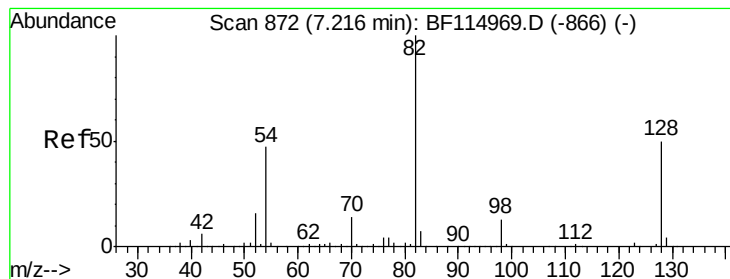
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 84.221 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

Instrument :

BNA_F

ClientSampleId :

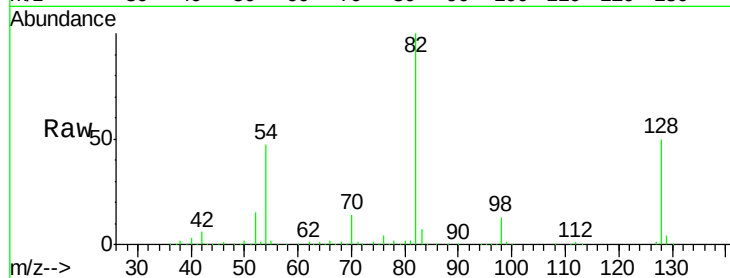
Tot Ion: 82 Resp: 1434287

Ion	Ratio	Lower	Upper
82	100		
128	50.1	39.9	59.9
54	46.7	37.3	55.9

82 100

128 50.1 39.9 59.9

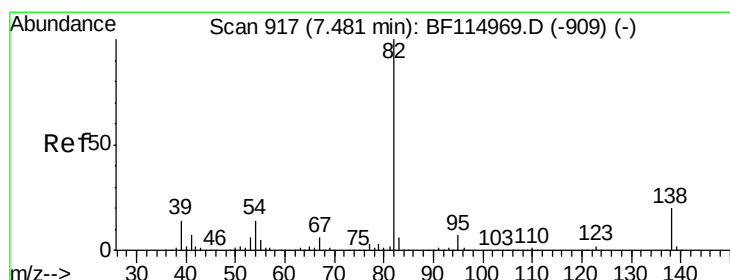
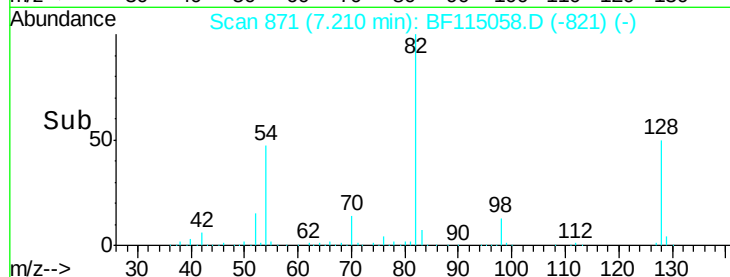
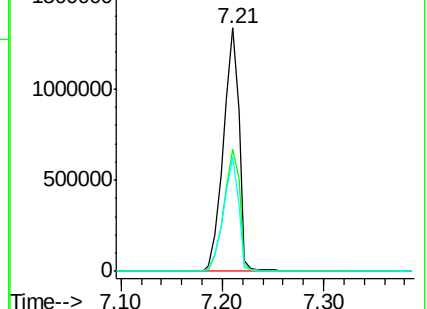
54 46.7 37.3 55.9



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: 44.035 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.27 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

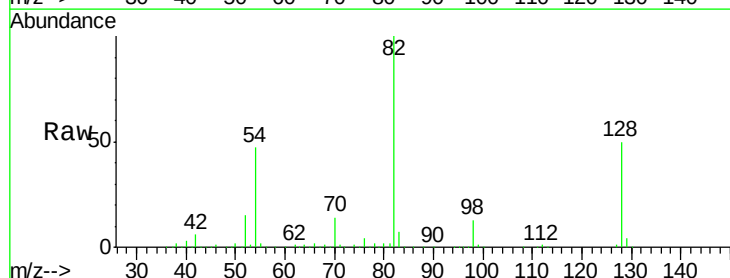
Tgt Ion: 82 Resp: 1404543

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	16.1	24.1#

82 100

95 0.0 5.6 8.4#

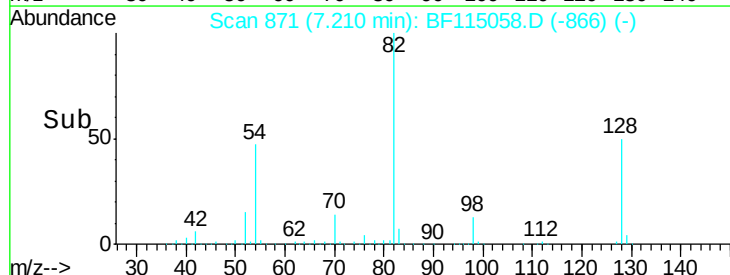
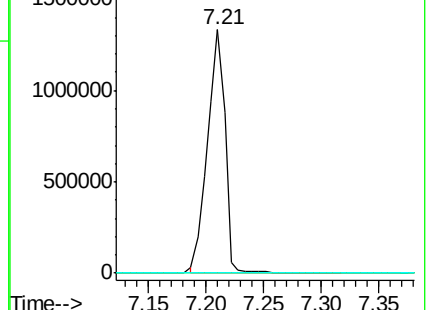
138 0.0 16.1 24.1#

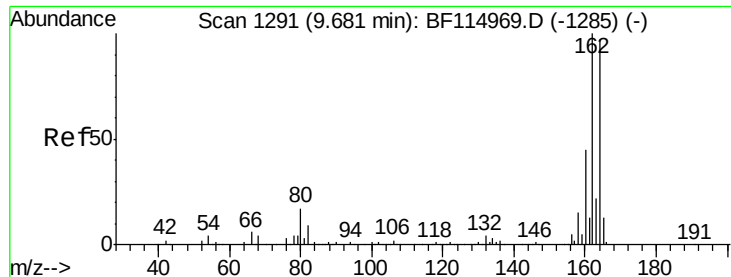


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

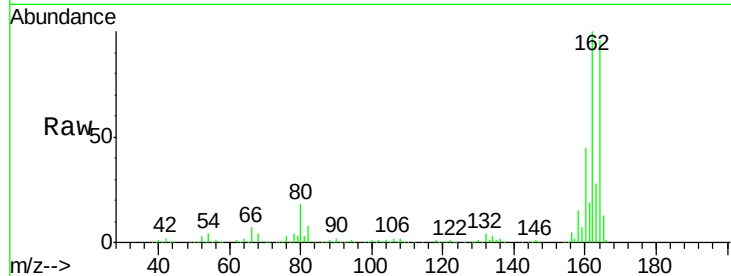




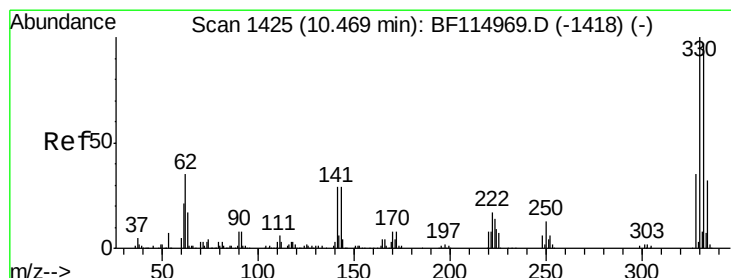
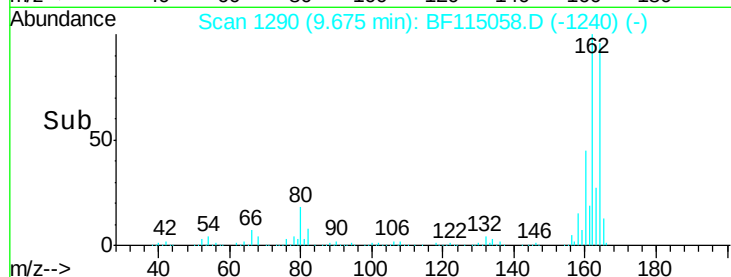
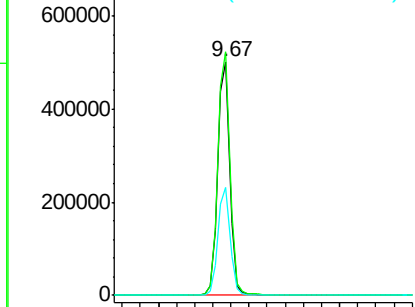
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	124.0
160	46.3	36.9	55.3

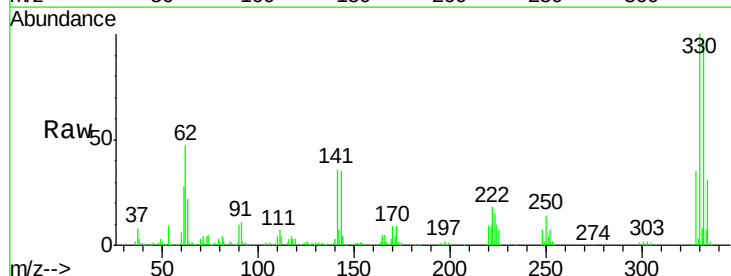


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

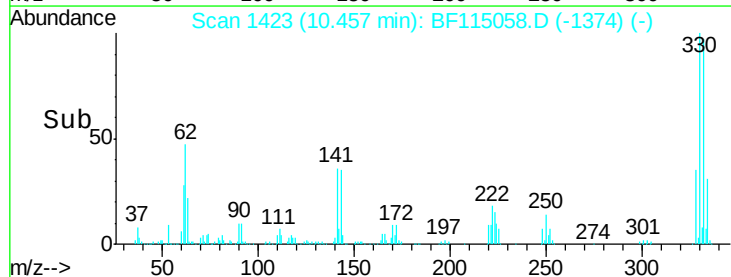
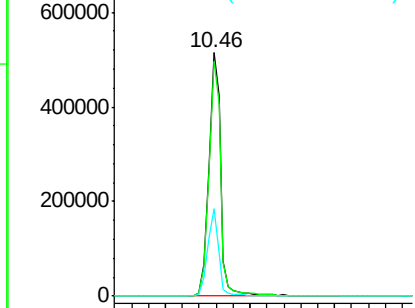


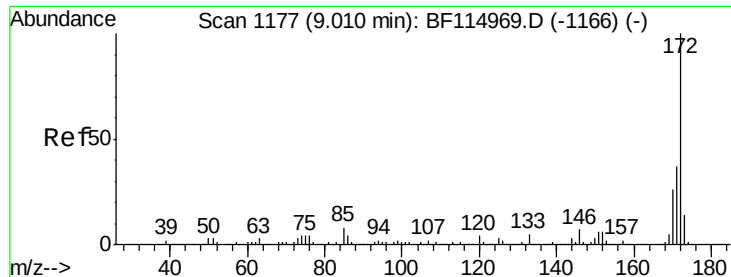
#42
2,4,6-Tribromophenol
Concen: 103.644 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	33.4	27.2	40.8



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

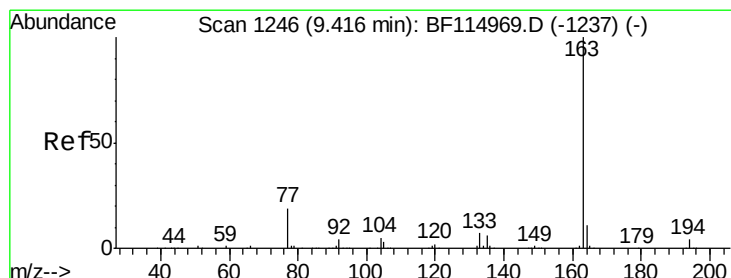
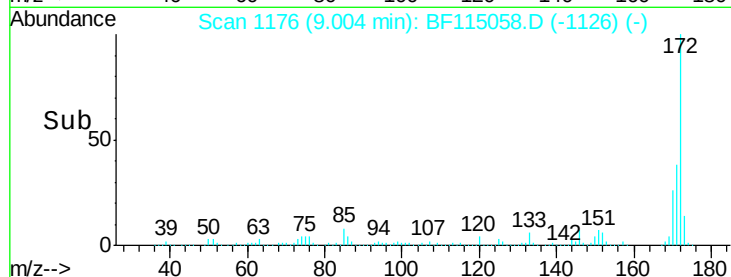
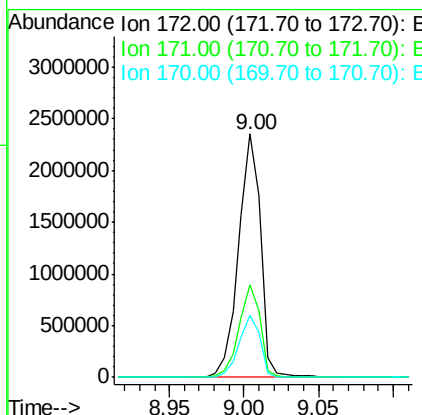
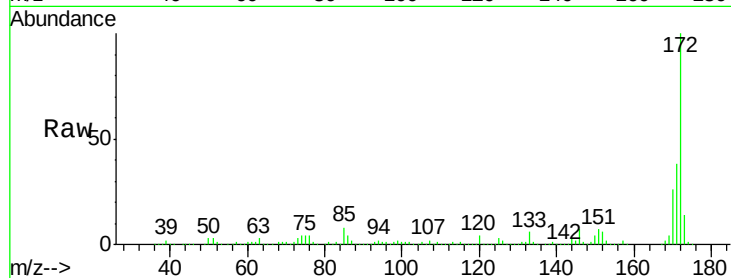




#45
2-Fluorobiphenyl
Concen: 89.376 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

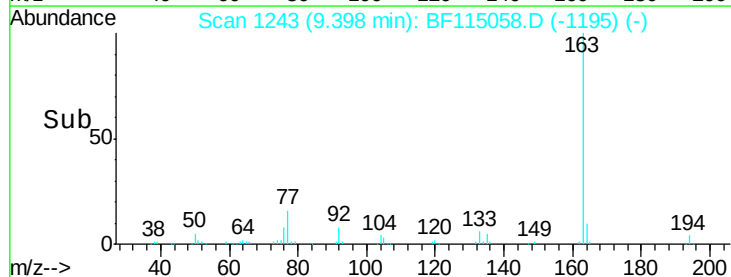
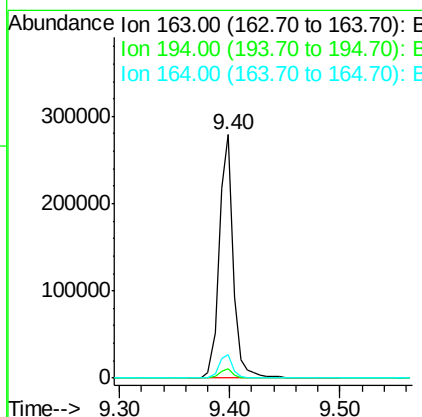
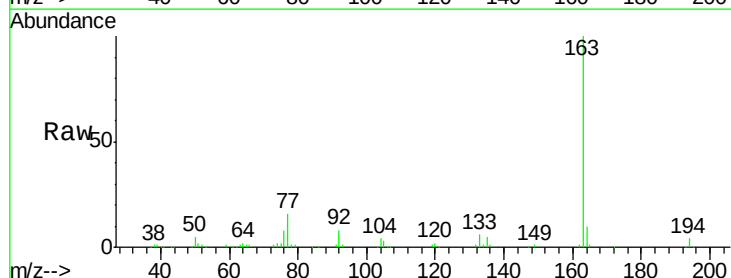
Instrument :
BNA_F
ClientSampleId :

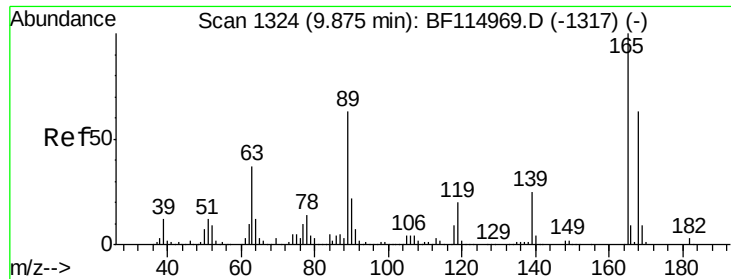
Tot Ion:172 Resp: 2424021
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 25.6 20.6 31.0



#50
Dimethylphthalate
Concen: 7.135 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Tgt Ion:163 Resp: 246663
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.6 12.8

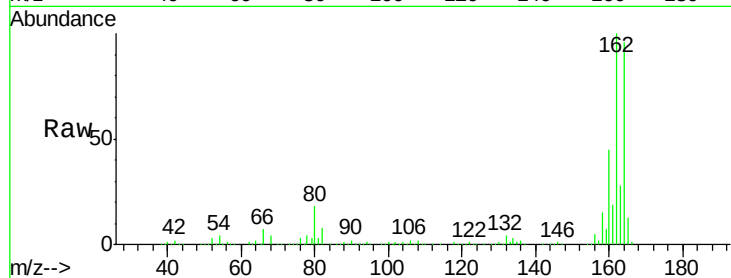




#57
2,4-Dinitrotoluene
Concen: 5.897 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.20 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.4	44.2#
89	1.3	50.6	75.8#
182	0.0	2.2	3.2#

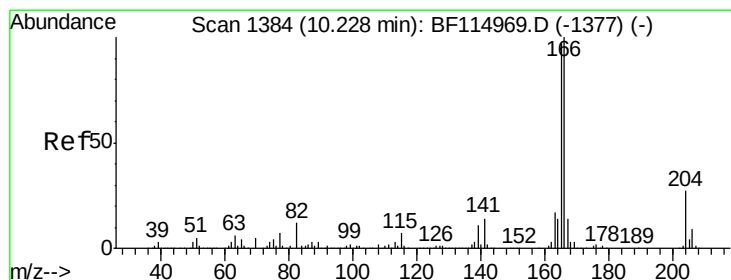
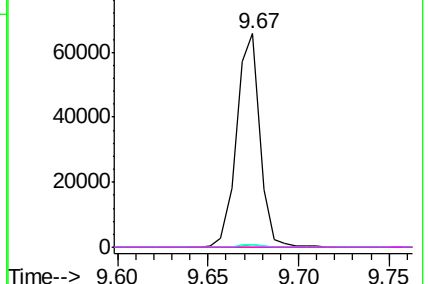
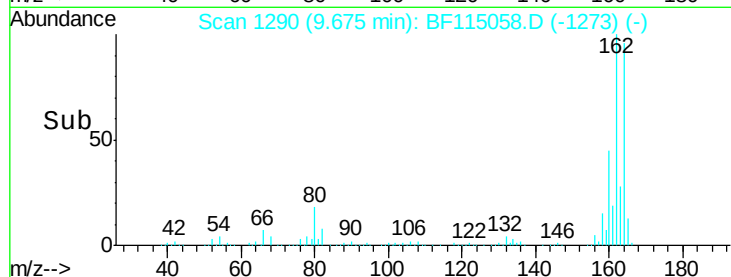


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

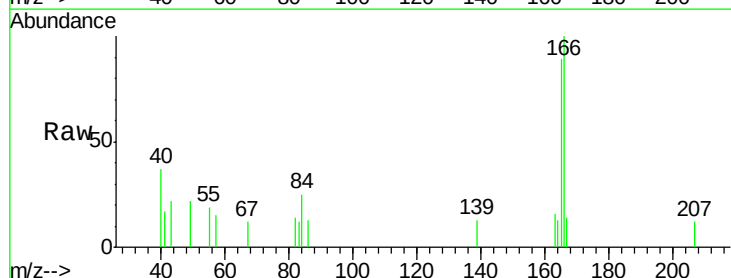
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: Below Cal
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

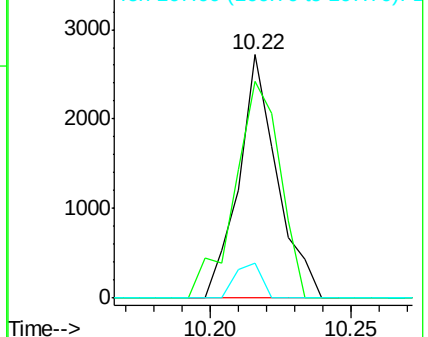
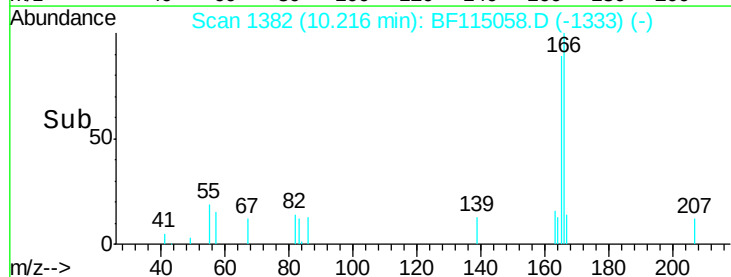
Tgt Ion	Ratio	Lower	Upper
166	100		
165	89.0	77.6	116.4
167	14.2	11.0	16.4

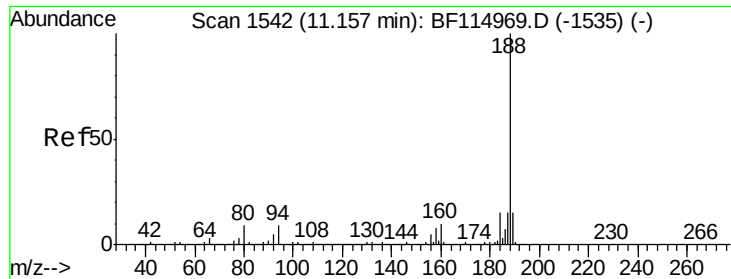


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

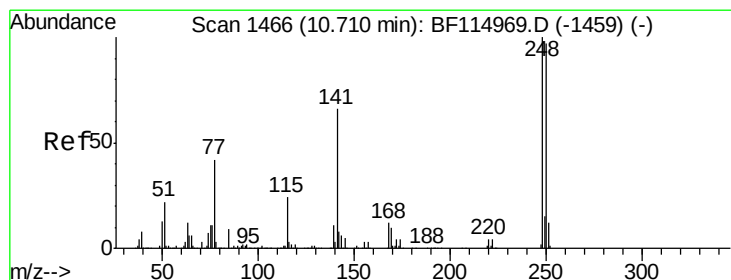
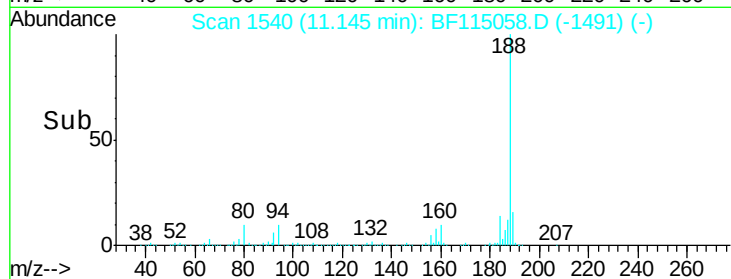
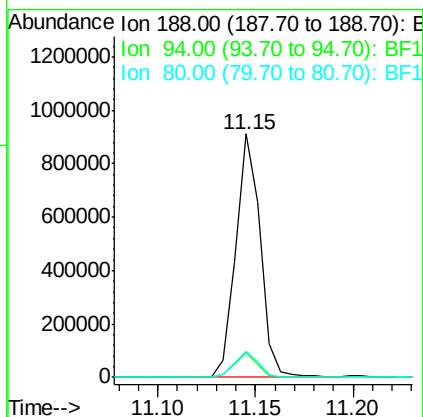
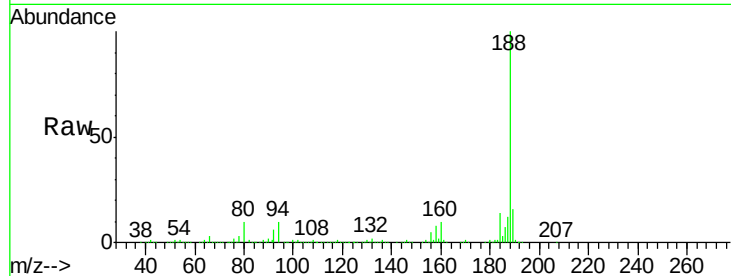




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

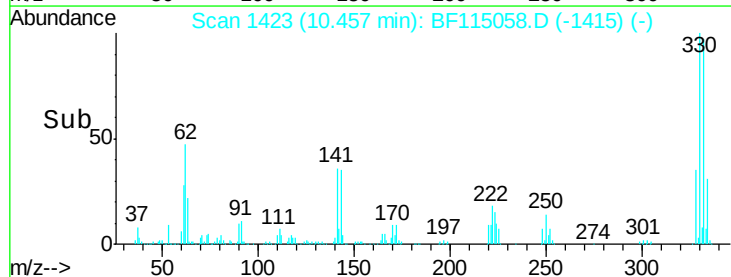
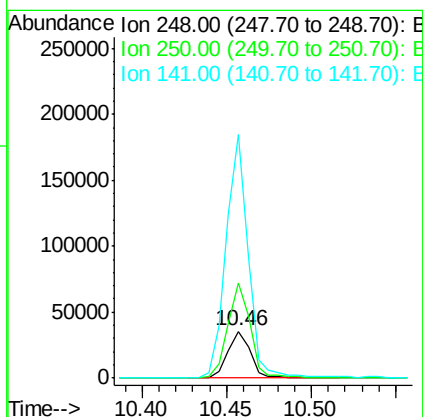
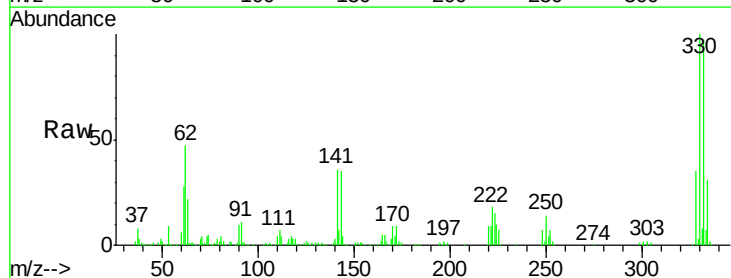
Instrument :
BNA_F
ClientSampleId :

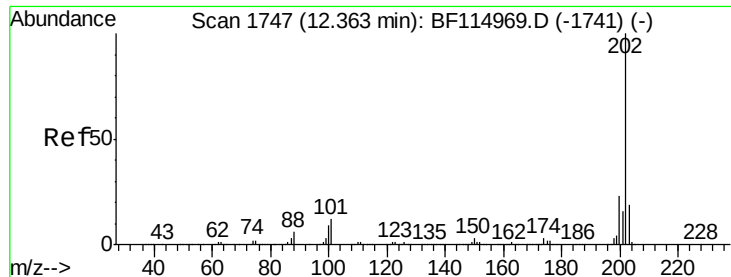
Tot Ion:188 Resp: 794712
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.5 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.915 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF115058.D
Acq: 14 Jun 2019 23:29

Tgt Ion:248 Resp: 33405
Ion Ratio Lower Upper
248 100
250 201.4 77.8 116.8#
141 516.5 53.1 79.7#





#75

Fluoranthene

Concen: 2.193 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF115058.D

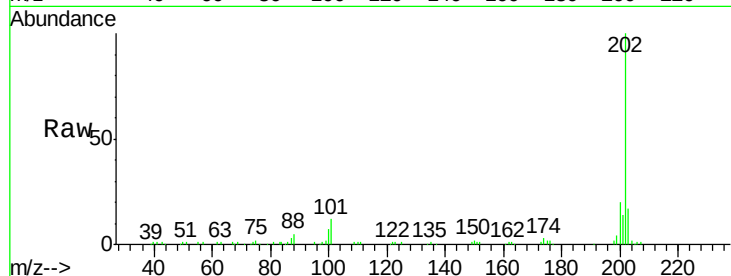
Acq: 14 Jun 2019 23:29

Instrument :

BNA_F

ClientSampleId :

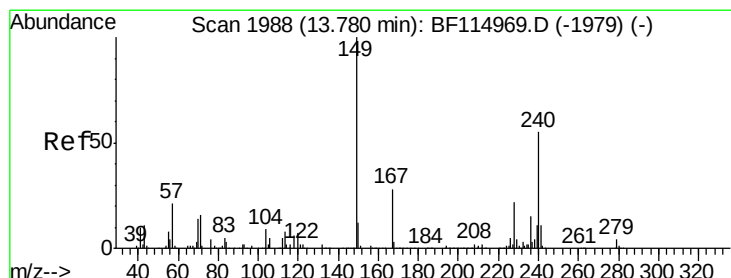
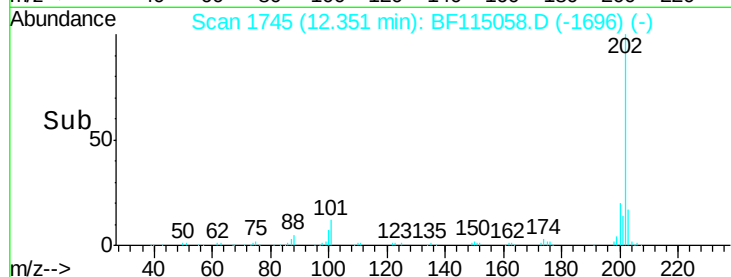
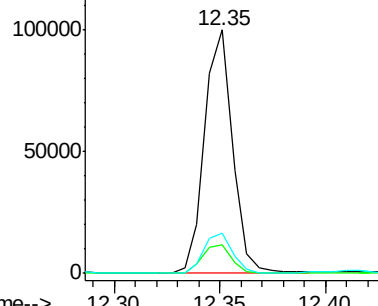
Tot Ion:	202	Resp:	92020
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.4
203	16.7	0.0	38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

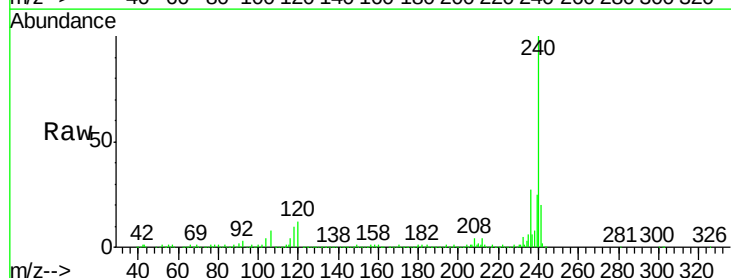
RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

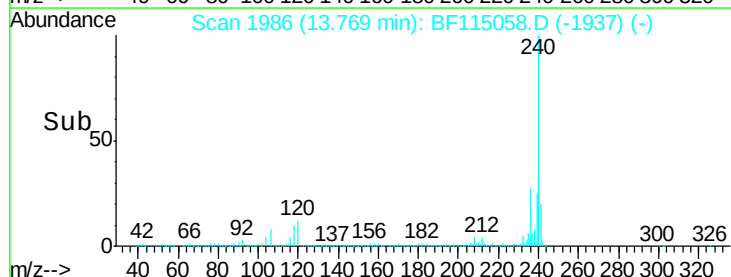
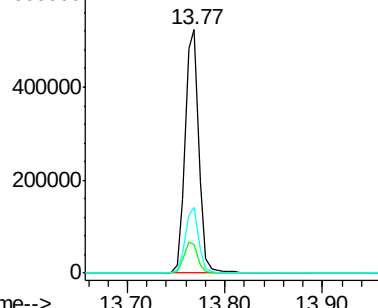
Tgt Ion:	240	Resp:	509812
Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.0	15.0
236	27.2	21.6	32.4

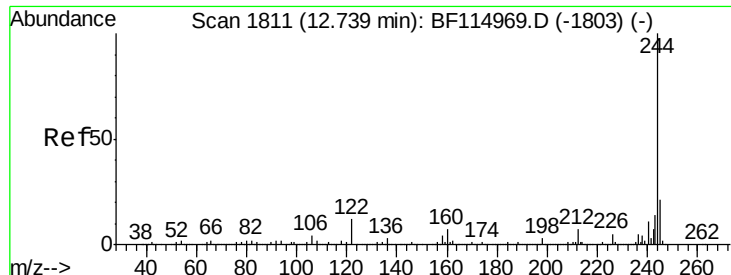


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.533 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

Instrument :

BNA_F

ClientSampled :

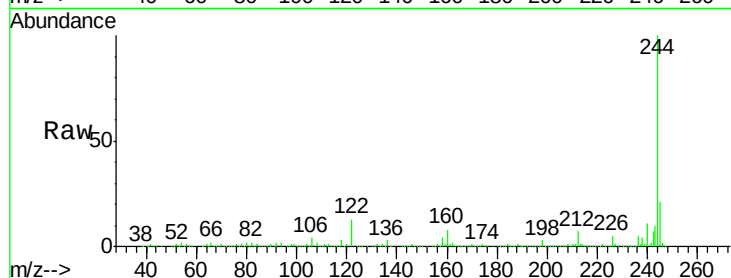
Tot Ion:244 Resp: 2074449

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

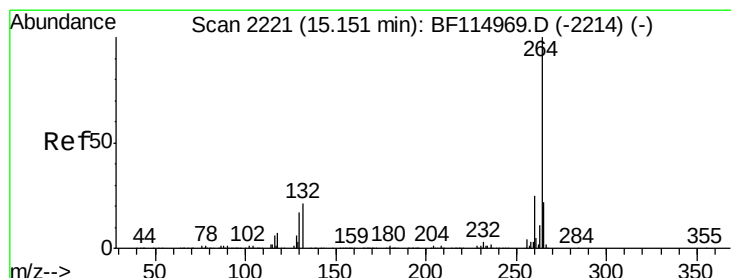
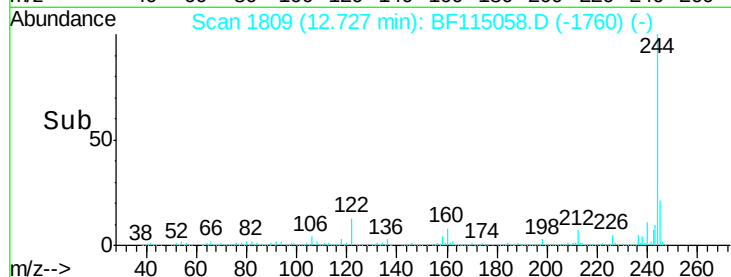
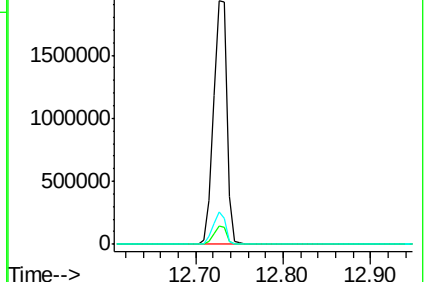
122 13.4 9.4 14.0



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: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

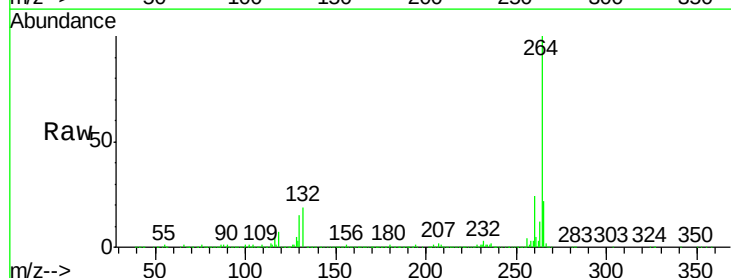
Tgt Ion:264 Resp: 515309

Ion Ratio Lower Upper

264 100

260 24.5 19.9 29.9

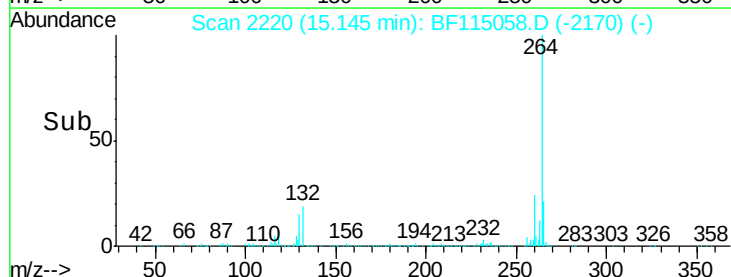
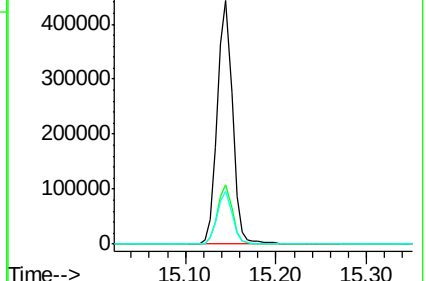
265 21.5 17.6 26.4

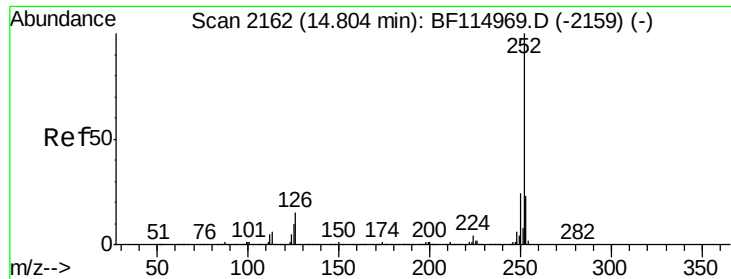


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(k)fluoranthene

Concen: 2.215 ng

RT: 14.76 min Scan# 2155

Delta R.T. -0.04 min

Lab File: BF115058.D

Acq: 14 Jun 2019 23:29

Instrument :

BNA_F

ClientSampleId :

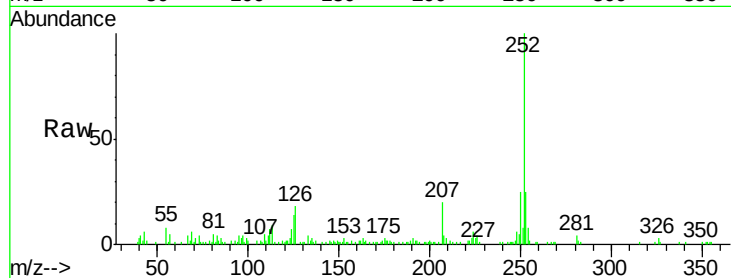
Tot Ion:252 Resp: 66611

Ion Ratio Lower Upper

252 100

253 24.5 18.0 27.0

125 13.9 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

