

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116073.D
 Acq On : 8 Aug 2019 17:06
 Operator : HP/JU
 Sample : K4148-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:12:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	120078	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	462021	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	255840	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	483988	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	422190	20.00	ng	-0.01
87) Perylene-d12	15.46	264	402540	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	508643	70.91	ng	-0.01
7) Phenol-d6	6.47	99	487619	53.88	ng	-0.02
23) Nitrobenzene-d5	7.40	82	761030	95.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	326339	131.56	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1292116	94.60	ng	-0.01
79) Terphenyl-d14	12.94	244	1777963	88.74	ng	0.00

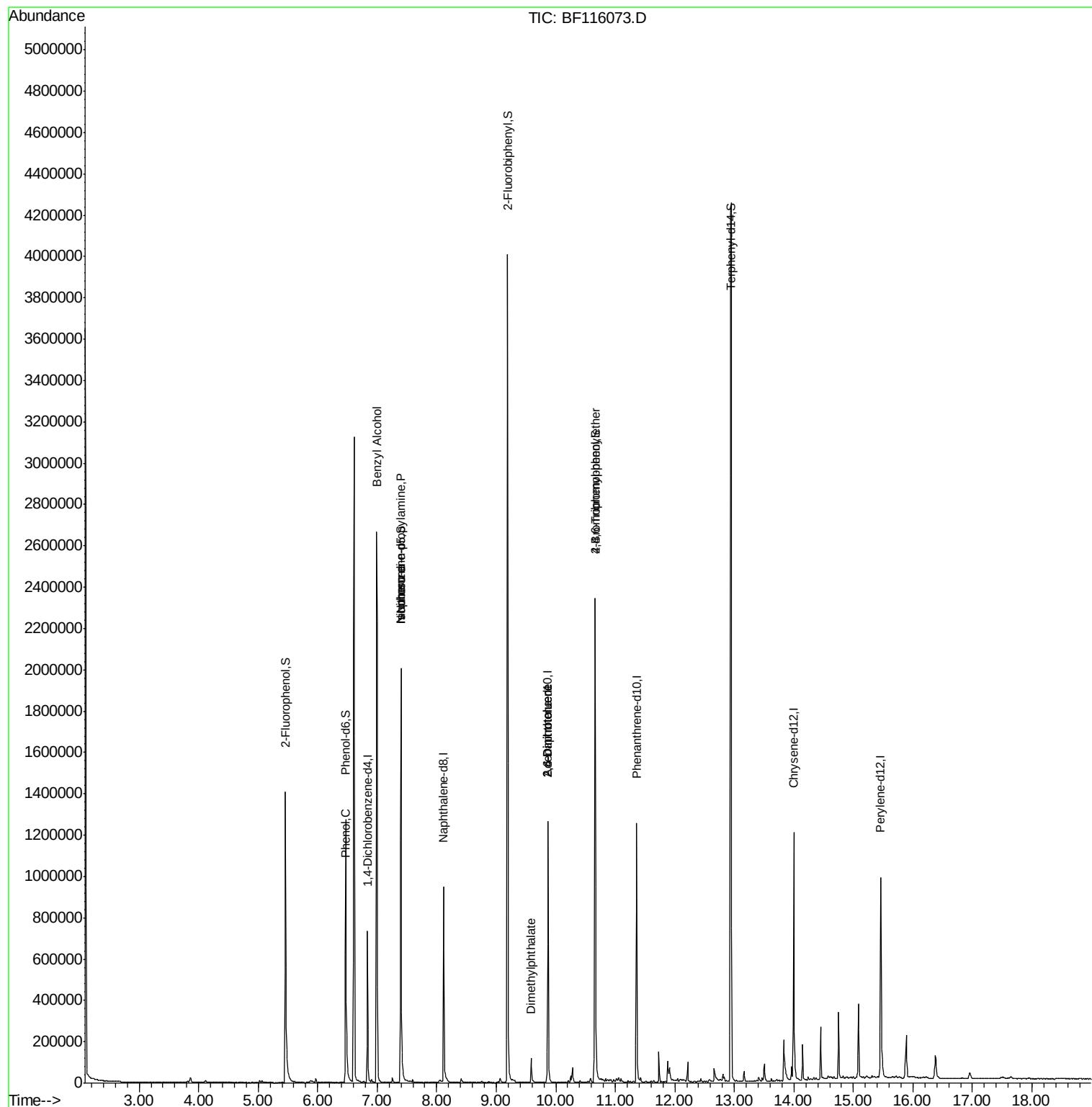
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.48	94	34124	3.202	ng	93
15) Benzyl Alcohol	6.99	79	13771	2.005	ng	# 49
19) n-Nitroso-di-n-propylamine	7.40	70	101350	18.073	ng	# 79
25) Isophorone	7.40	82	761026	49.724	ng	# 65
50) Dimethylphthalate	9.59	163	58949	3.384	ng	99
51) 2,6-Dinitrotoluene	9.87	165	32259	8.521	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	32259	6.400	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	19732	3.808	ng	# 1

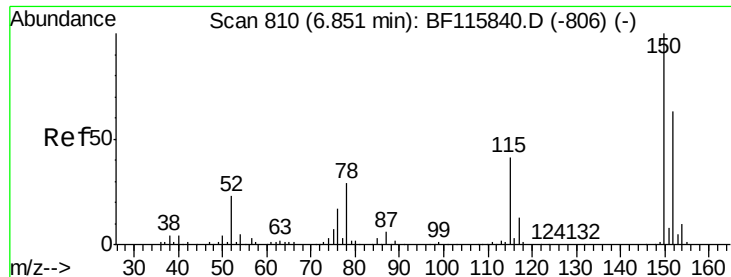
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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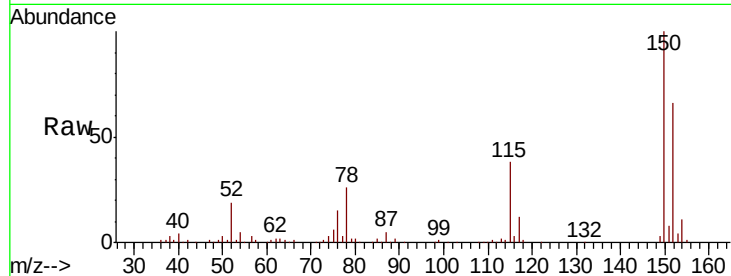


#1

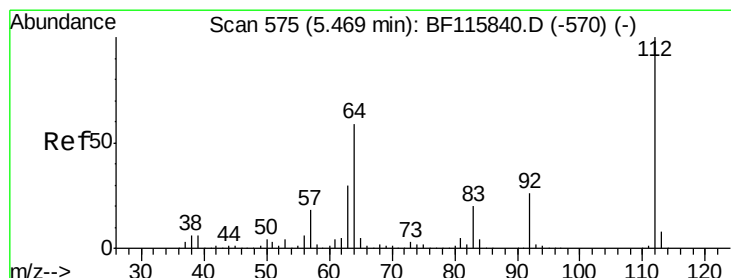
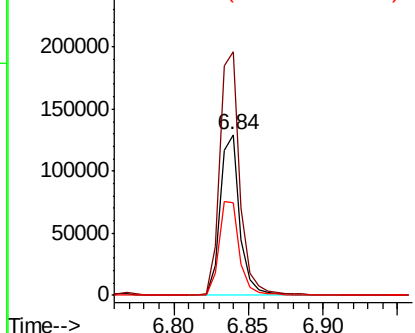
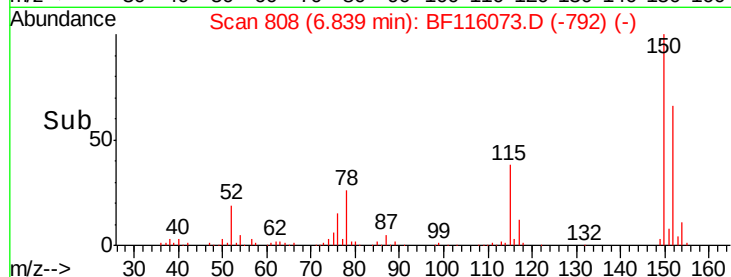
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116073.D
Acq: 8 Aug 2019 17:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 120078
Ion Ratio Lower Upper
152 100
150 151.5 126.2 189.2
115 57.3 49.9 74.9



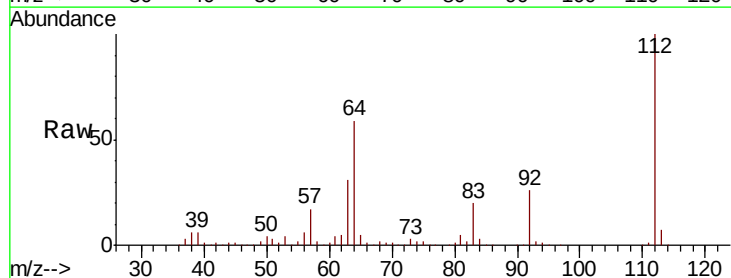
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



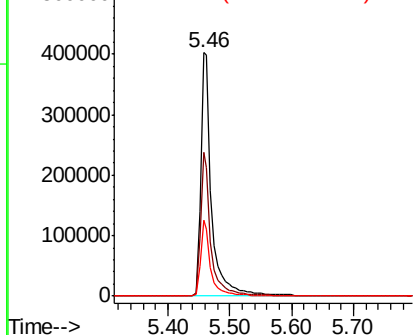
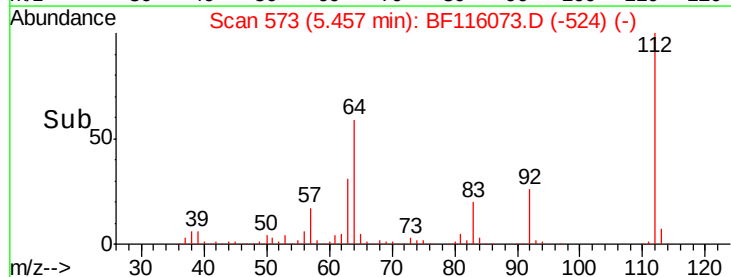
#5

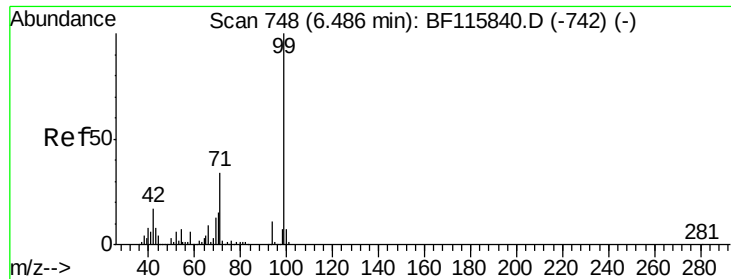
2-Fluorophenol
Concen: 70.912 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116073.D
Acq: 8 Aug 2019 17:06

Tgt Ion:112 Resp: 508643
Ion Ratio Lower Upper
112 100
64 59.3 45.4 68.2
63 31.0 23.7 35.5



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: 53.882 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116073.D

Acq: 8 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

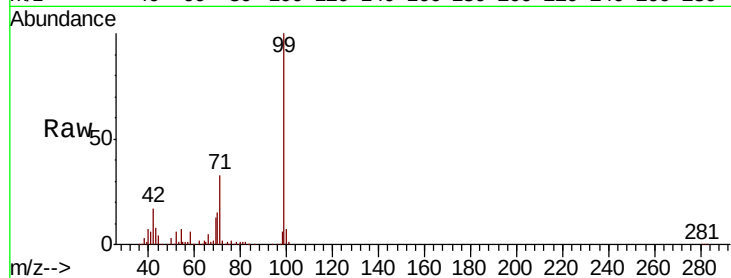
Tot Ion: 99 Resp: 487619

Ion Ratio Lower Upper

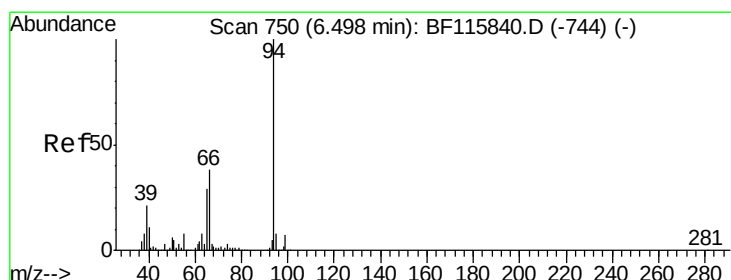
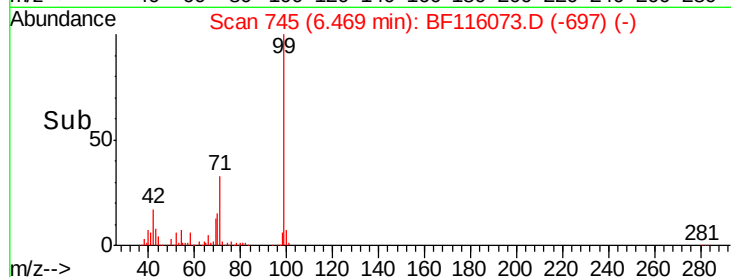
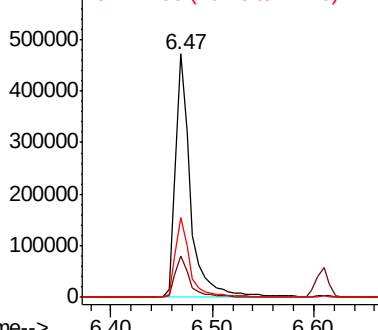
99 100

42 16.9 13.8 20.8

71 33.0 27.3 40.9



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: 3.202 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116073.D

Acq: 8 Aug 2019 17:06

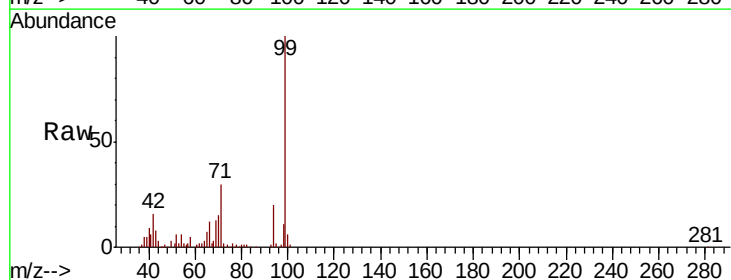
Tgt Ion: 94 Resp: 34124

Ion Ratio Lower Upper

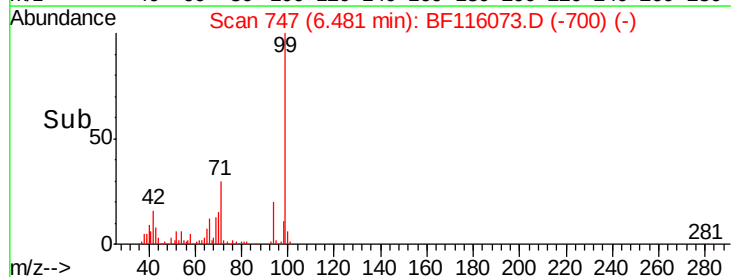
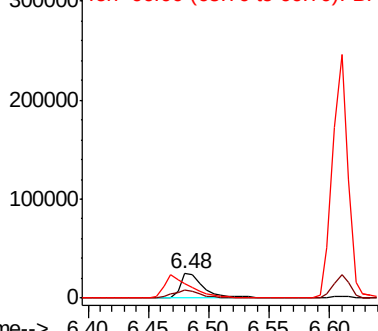
94 100

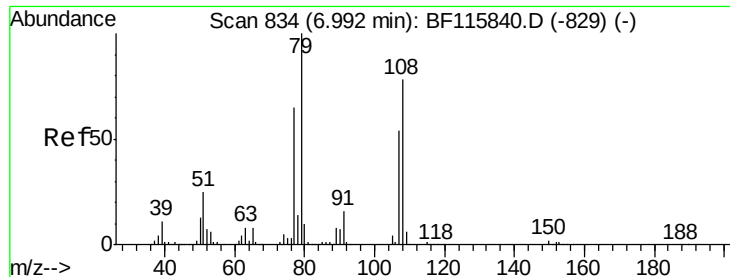
65 34.6 16.8 56.8

66 60.4 34.2 74.2



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

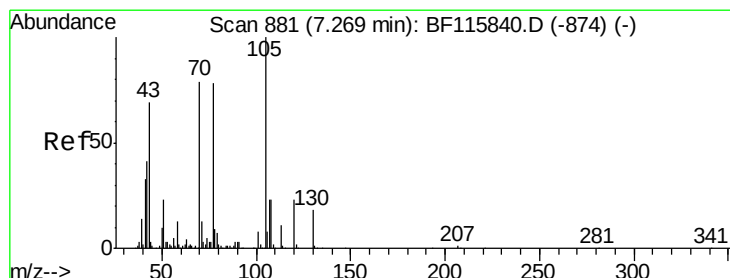
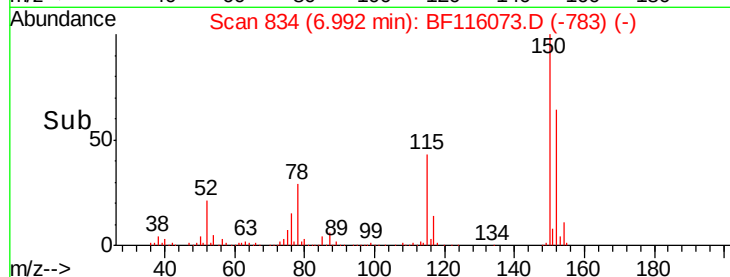
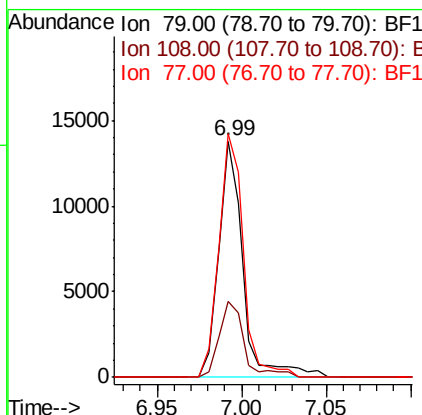
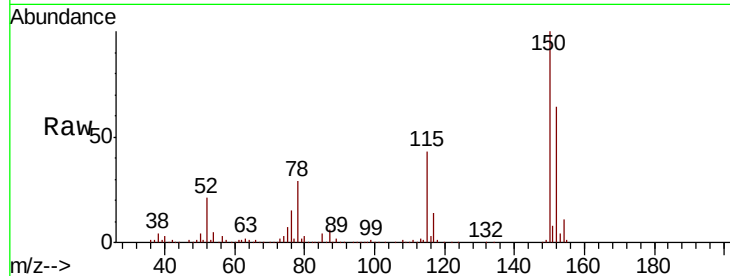




#15
Benzyl Alcohol
Concen: 2.005 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF116073.D
Acq: 8 Aug 2019 17:06

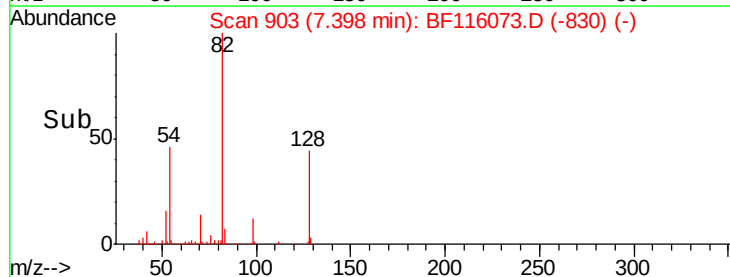
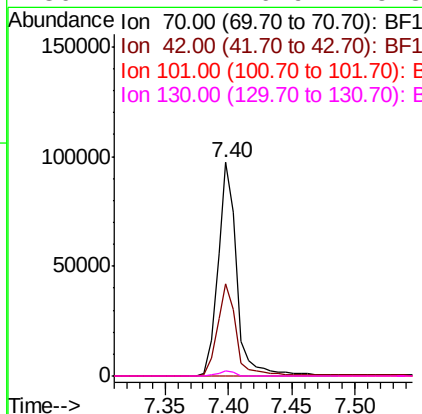
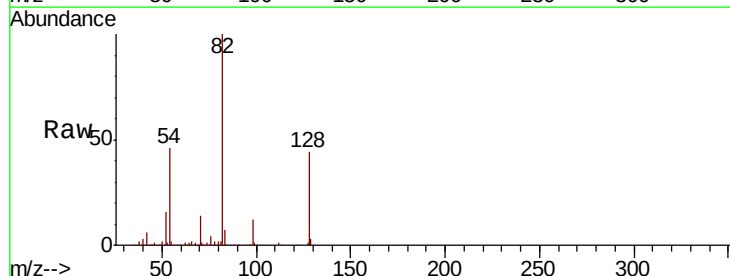
Instrument :
BNA_F
ClientSampleId :

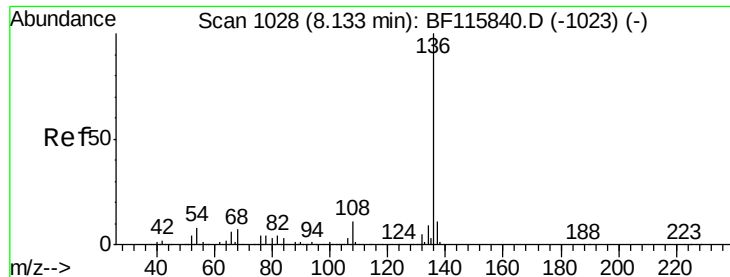
Tot Ion	Ratio	Lower	Upper
79	100		
108	32.3	62.7	94.1#
77	103.0	52.2	78.2#



#19
n-Nitroso-di-n-propylamine
Concen: 18.073 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116073.D
Acq: 8 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.1	40.9	61.3
101	0.0	7.9	11.9#
130	2.2	16.9	25.3#

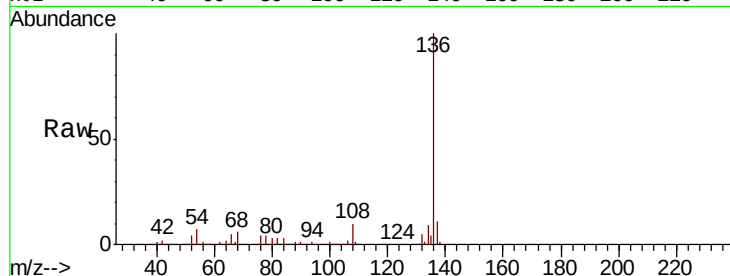




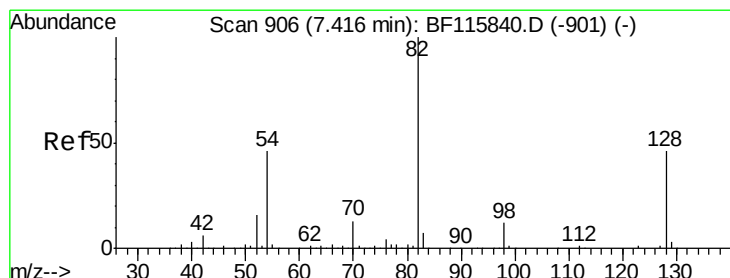
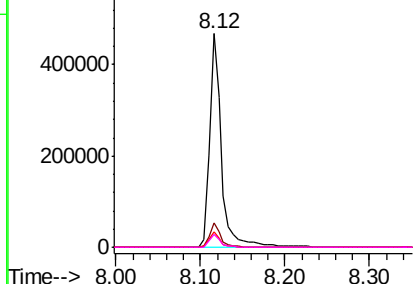
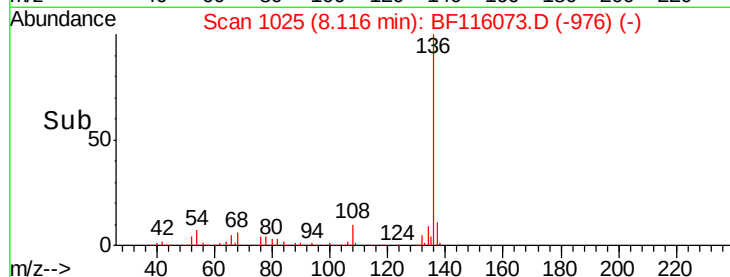
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116073.D
Acq: 8 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	462021
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.0	13.4
54 7.3	5.8	8.6
68 6.2	5.2	7.8

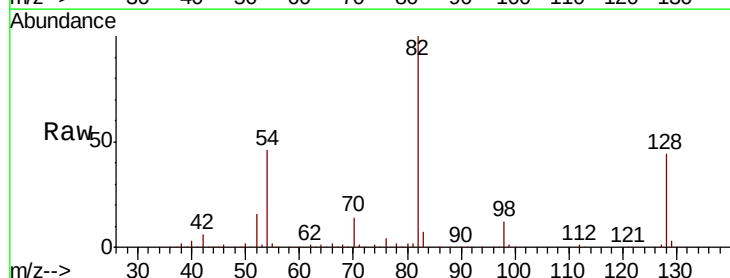


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

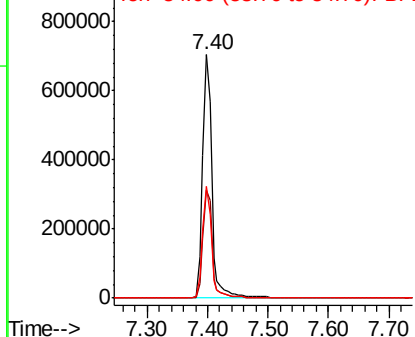
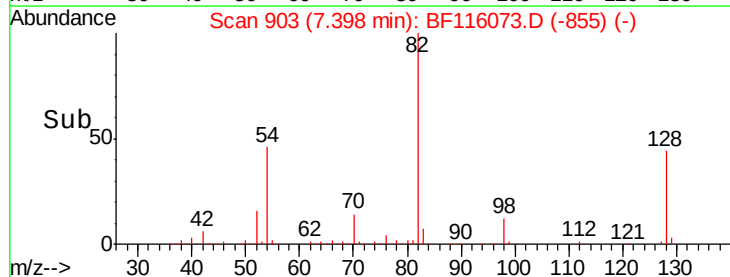


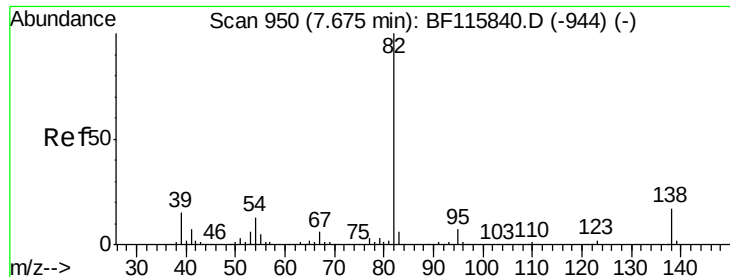
#23
Nitrobenzene-d5
Concen: 95.080 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116073.D
Acq: 8 Aug 2019 17:06

Tgt Ion: 82	Resp: 761030
Ion Ratio	Lower Upper
82 100	
128 44.5	36.5 54.7
54 45.9	36.0 54.0



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

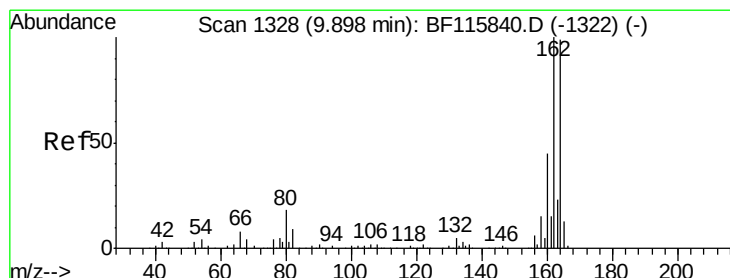
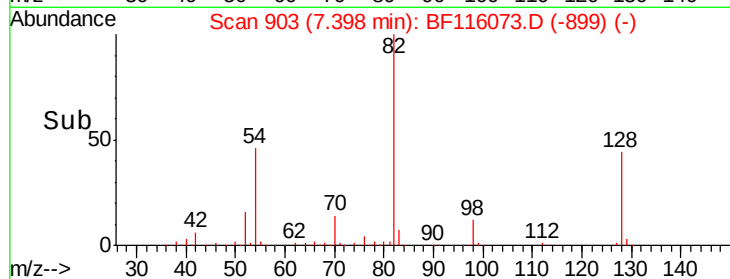
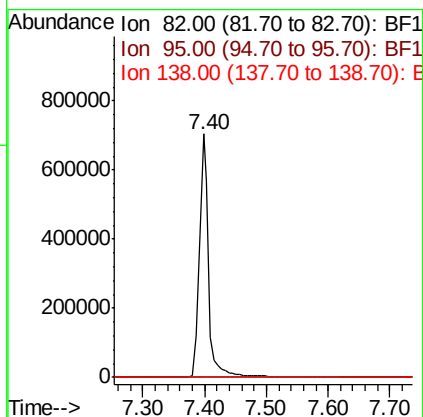
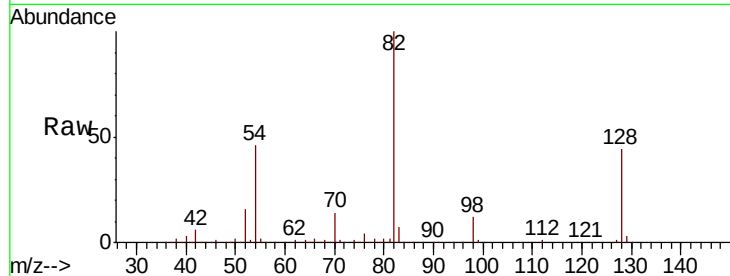




#25
Isophorone
Concen: 49.724 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116073.D
Acq: 8 Aug 2019 17:06

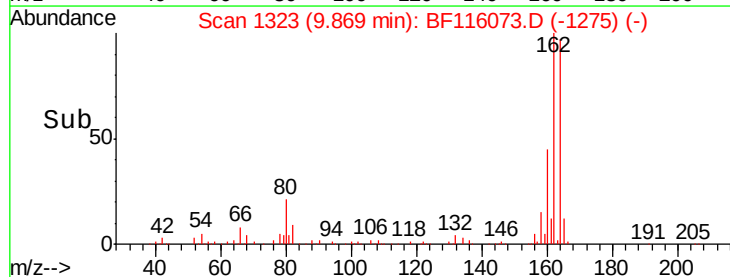
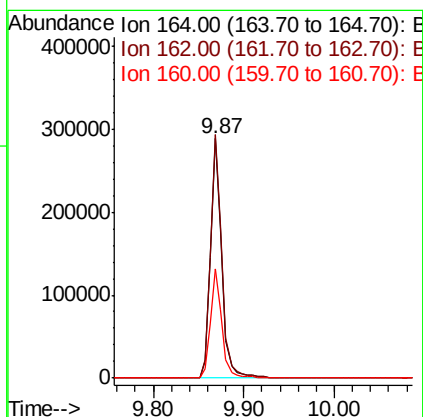
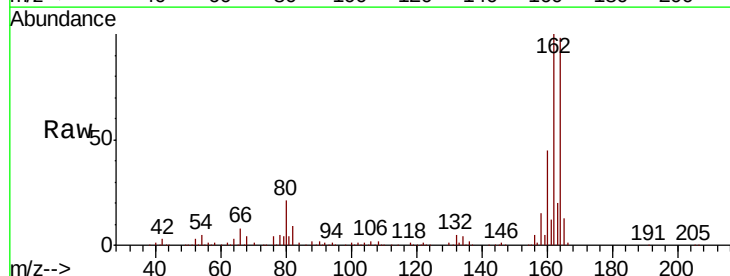
Instrument :
BNA_F
ClientSampled :

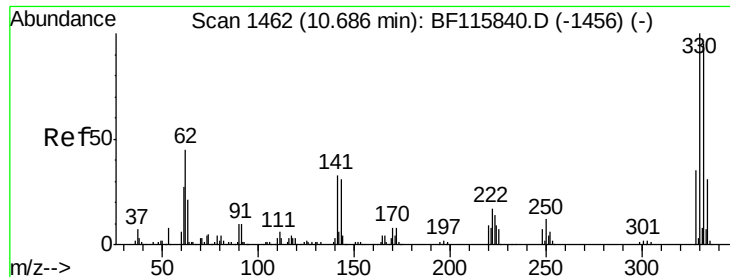
Tot Ion: 82 Resp: 761026
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116073.D
Acq: 8 Aug 2019 17:06

Tgt Ion:164 Resp: 255840
Ion Ratio Lower Upper
164 100
162 101.6 82.6 124.0
160 45.7 37.6 56.4

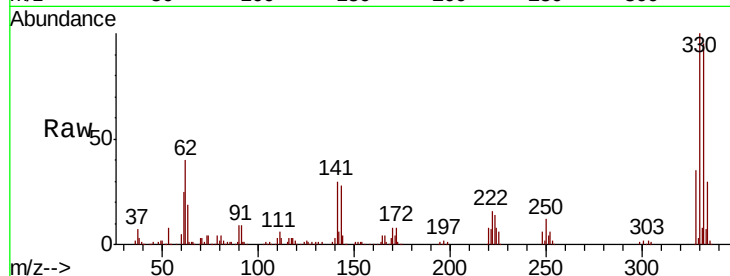




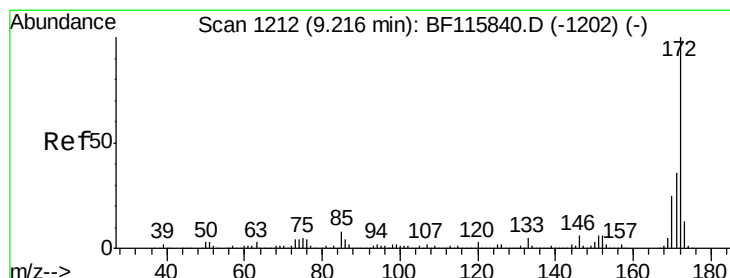
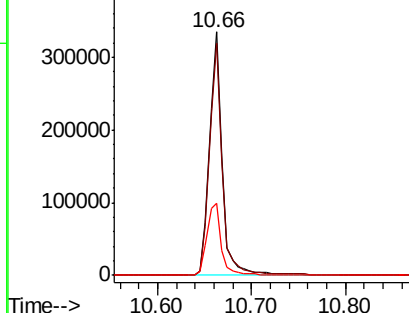
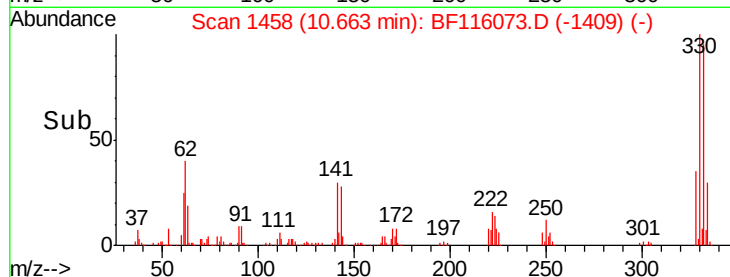
#42
 2,4,6-Tribromophenol
 Concen: 131.565 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116073.D
 Acq: 8 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	33.2	26.3	39.5

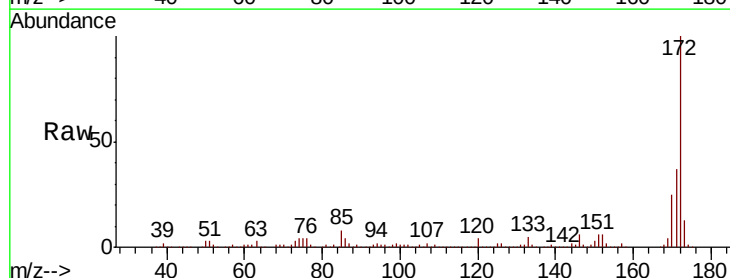


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

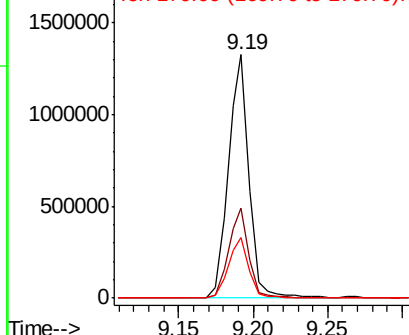
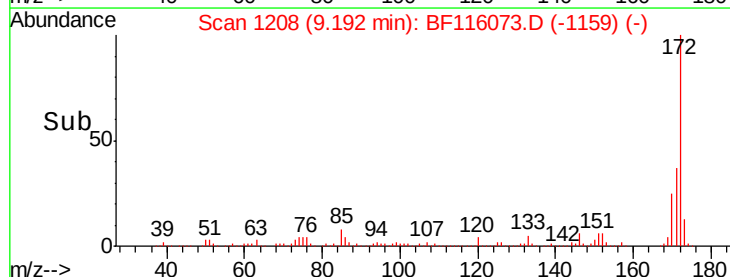


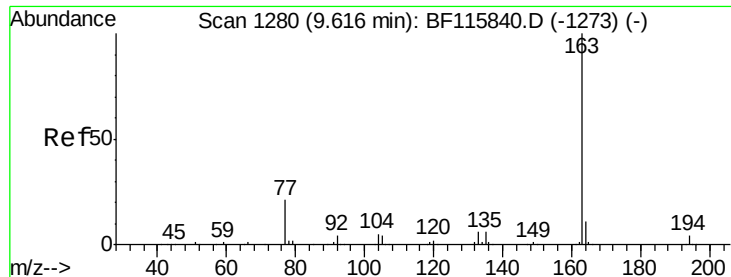
#45
 2-Fluorobiphenyl
 Concen: 94.599 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116073.D
 Acq: 8 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.9	20.1	30.1



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: 3.384 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116073.D

Acq: 8 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

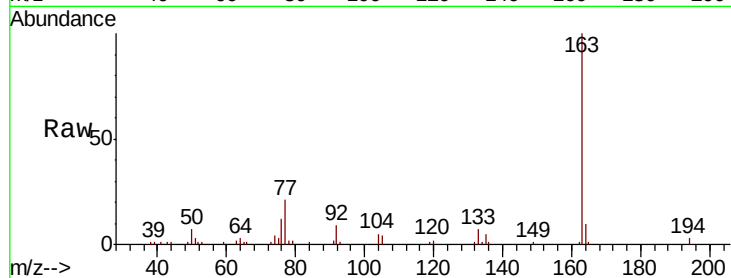
Tot Ion:163 Resp: 58949

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

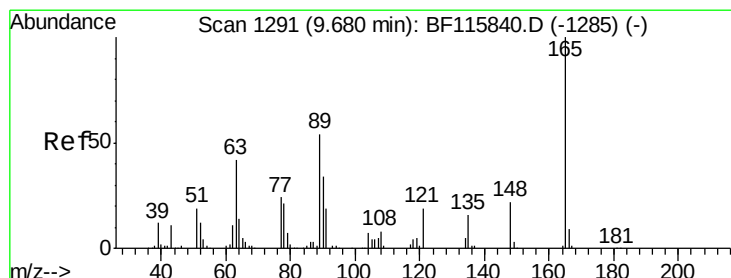
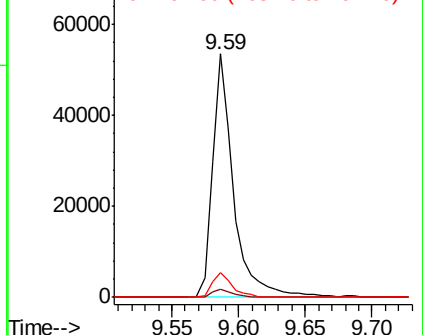
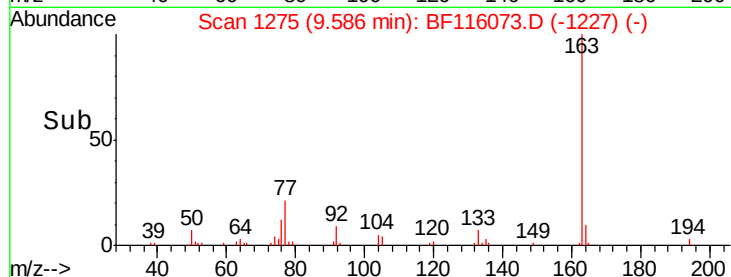
164 10.2 8.4 12.6



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: 8.521 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.19 min

Lab File: BF116073.D

Acq: 8 Aug 2019 17:06

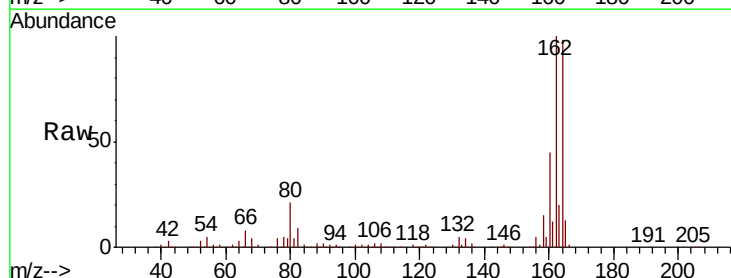
Tgt Ion:165 Resp: 32259

Ion Ratio Lower Upper

165 100

63 0.9 38.2 57.2#

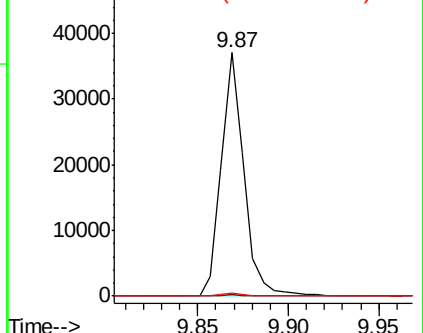
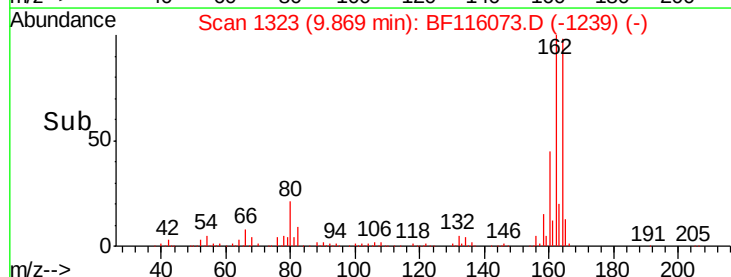
89 1.1 42.9 64.3#

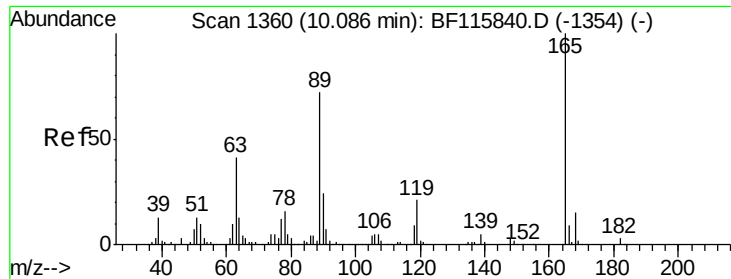


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

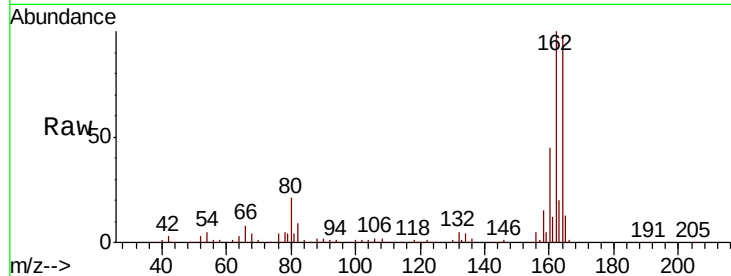




#57
 2,4-Dinitrotoluene
 Concen: 6.400 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116073.D
 Acq: 8 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.1	62.2	93.2#
182	0.0	2.1	3.1#

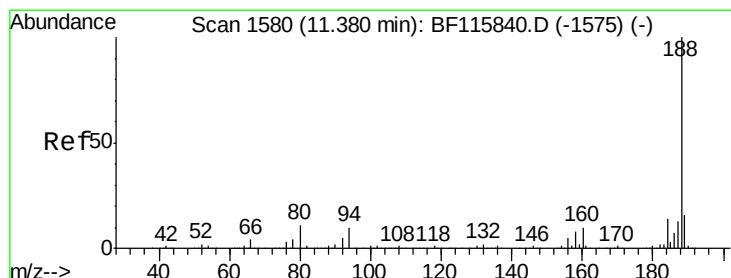
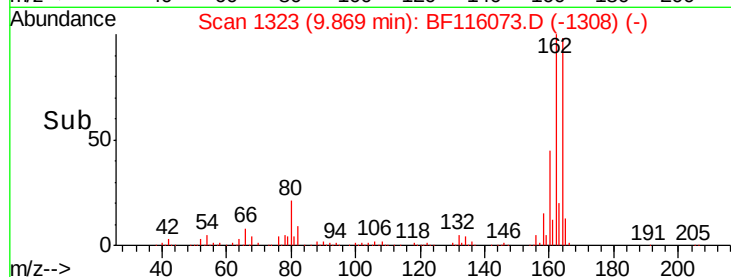
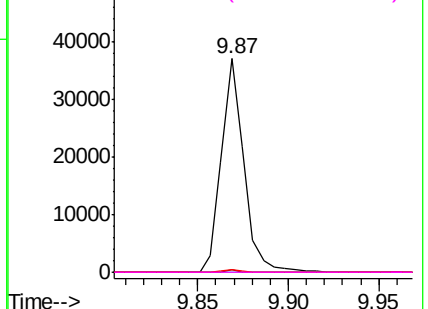


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

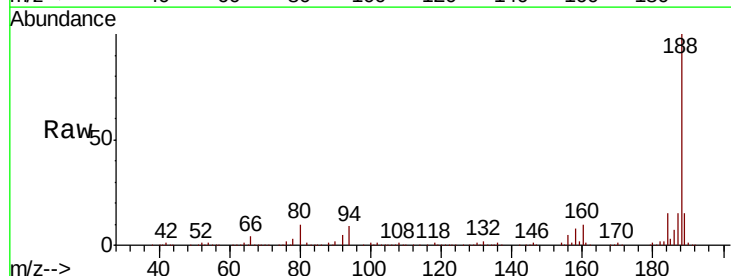
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116073.D
 Acq: 8 Aug 2019 17:06

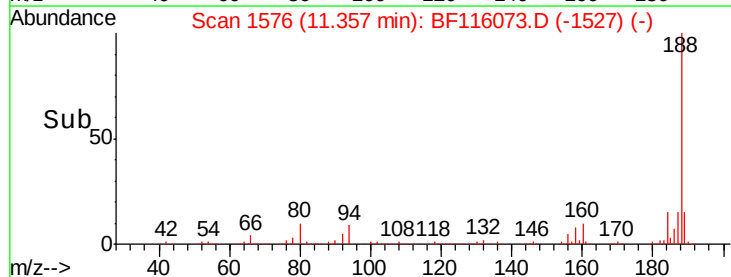
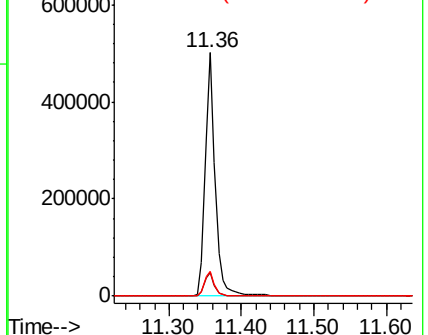
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.2	8.7	13.1

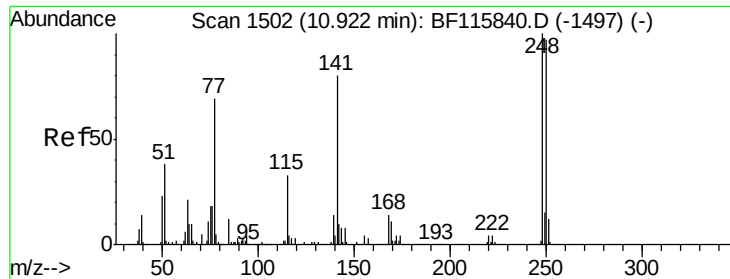


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

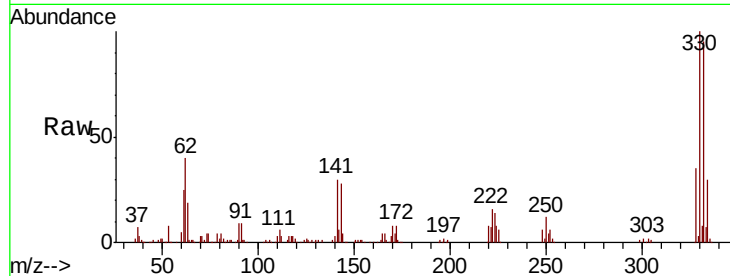




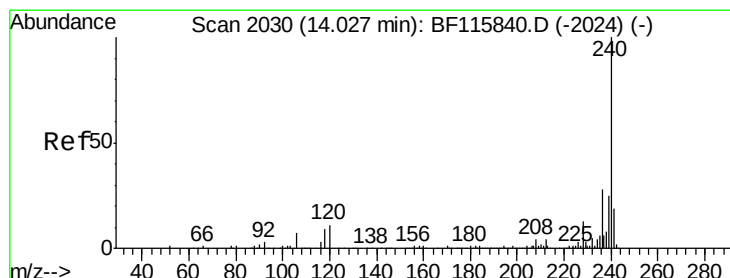
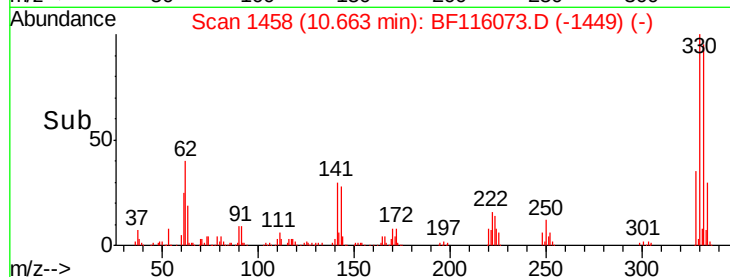
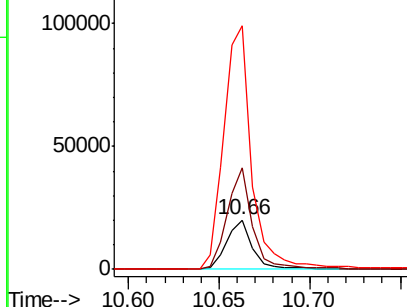
#67
4-Bromophenyl-phenylether
Concen: 3.808 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116073.D
Acq: 8 Aug 2019 17:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19732
Ion Ratio Lower Upper
248 100
250 204.2 77.4 116.2#
141 490.5 56.8 85.2#

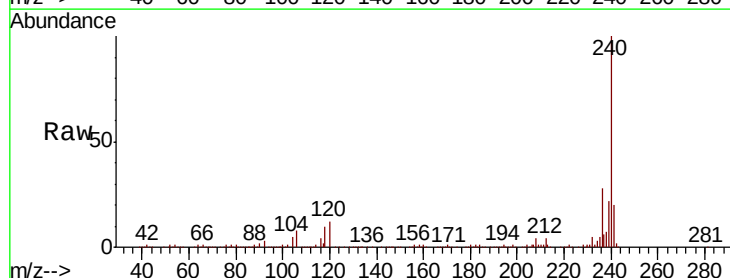


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

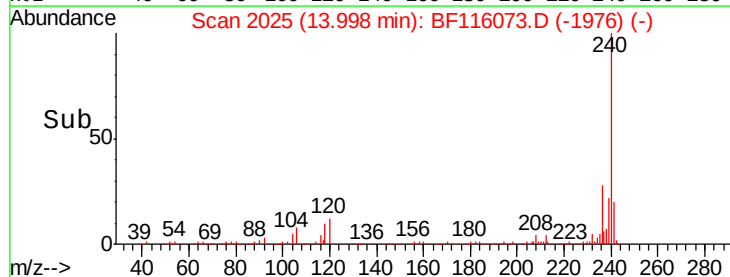
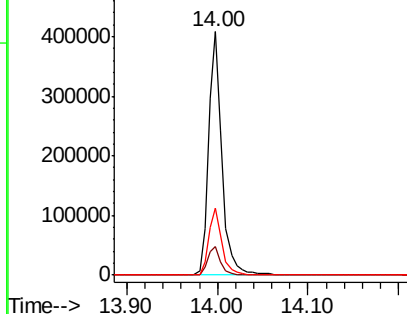


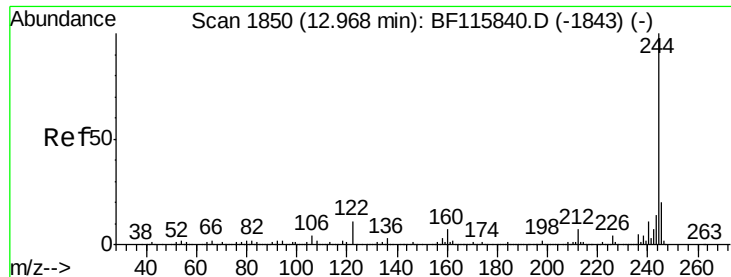
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116073.D
Acq: 8 Aug 2019 17:06

Tgt Ion:240 Resp: 422190
Ion Ratio Lower Upper
240 100
120 11.7 10.7 16.1
236 27.6 22.2 33.2



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



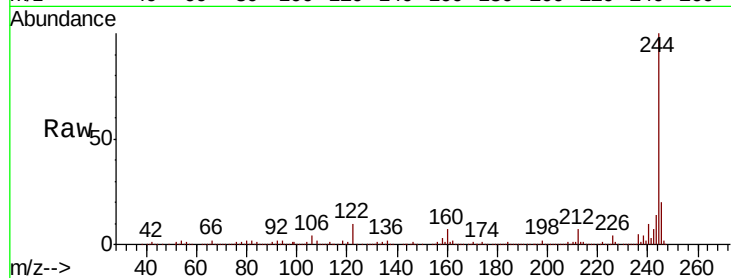


#79
 Terphenyl-d14
 Concen: 88.739 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116073.D
 Acq: 8 Aug 2019 17:06

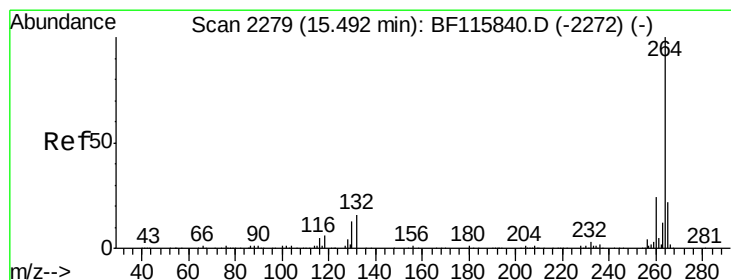
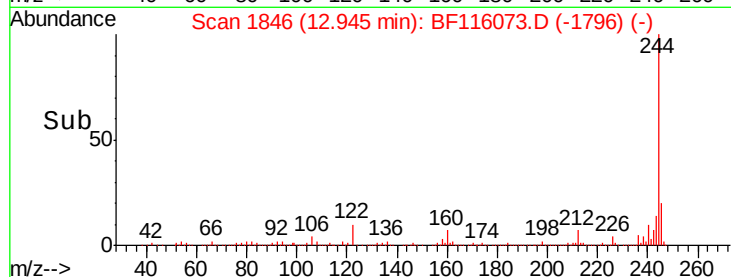
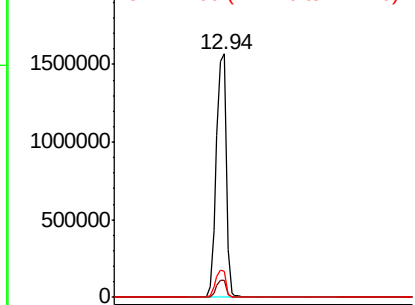
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1777963

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.5	9.0	13.4



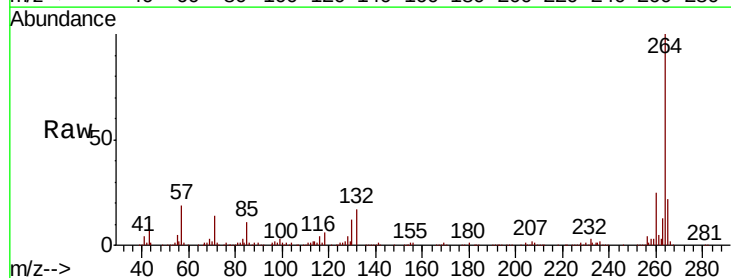
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116073.D
 Acq: 8 Aug 2019 17:06

Tgt Ion:264 Resp: 402540

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.2	17.4	26.0



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

