

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116108.D
 Acq On : 9 Aug 2019 12:58
 Operator : HP/JU
 Sample : K4219-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 02:11:09 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

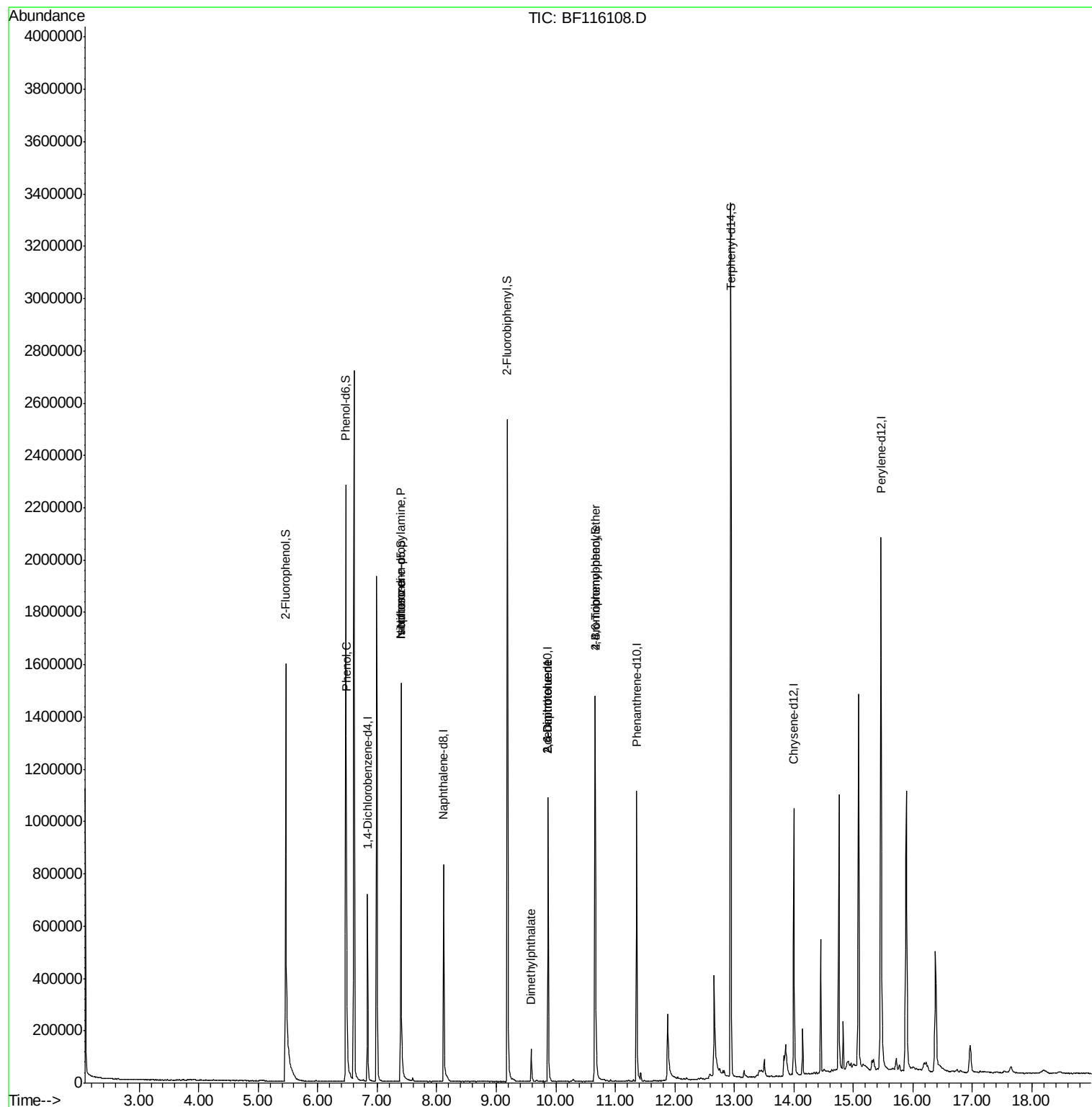
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	112000	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	443618	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	237618	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	440260	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	376617	20.00	ng	-0.01
87) Perylene-d12	15.46	264	327115	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	696591	104.12	ng	0.00
7) Phenol-d6	6.47	99	892342	105.72	ng	-0.01
23) Nitrobenzene-d5	7.40	82	550221	71.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	222668	96.65	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	893858	70.46	ng	-0.01
79) Terphenyl-d14	12.94	244	1142208	63.91	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	69958	7.038	ng	85
19) n-Nitroso-di-n-propylamine	7.40	70	70688	13.514	ng	# 80
25) Isophorone	7.40	82	550219	37.442	ng	# 65
50) Dimethylphthalate	9.59	163	67079	4.146	ng	98
51) 2,6-Dinitrotoluene	9.87	165	30393	8.644	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	30393	6.492	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	13414	2.846	ng	# 1

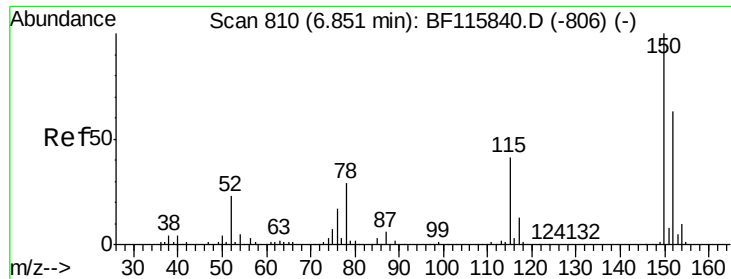
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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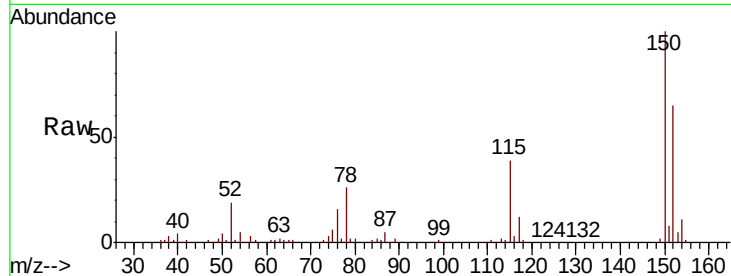


#1

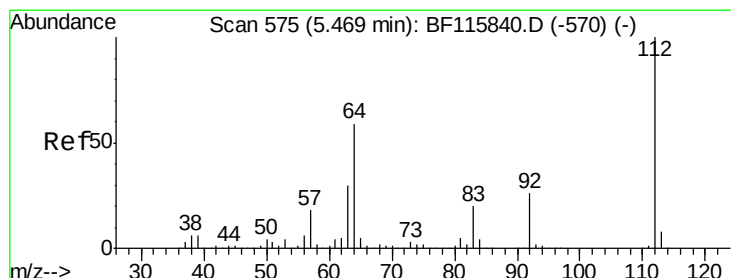
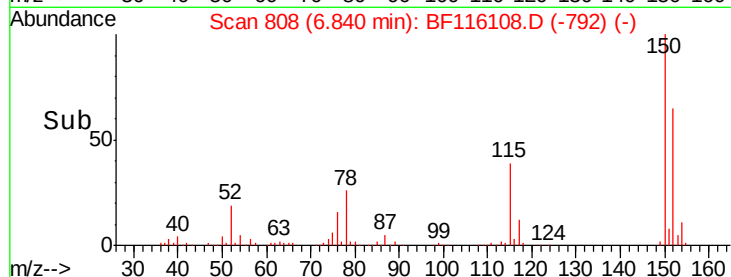
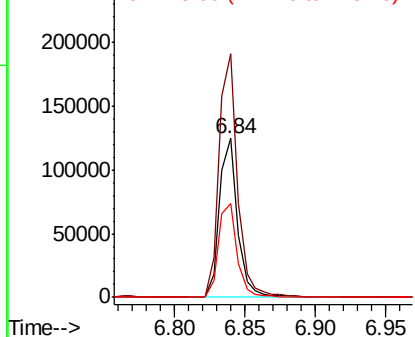
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112000
Ion Ratio Lower Upper
152 100
150 153.1 126.2 189.2
115 59.3 49.9 74.9



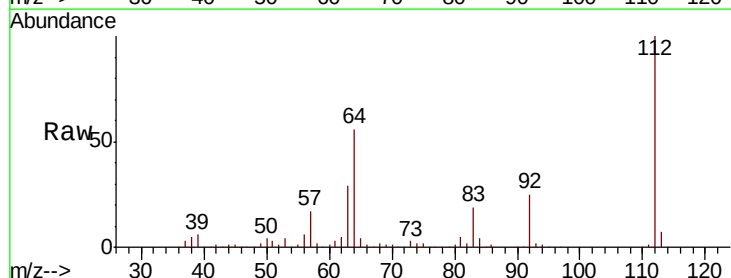
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



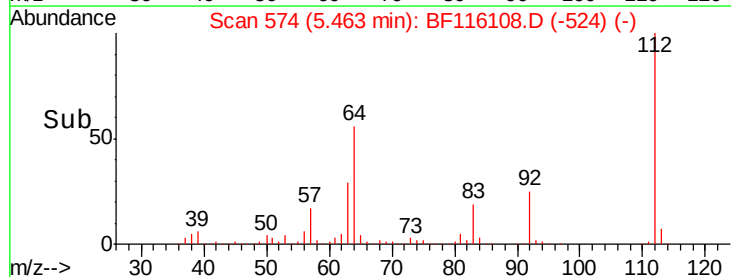
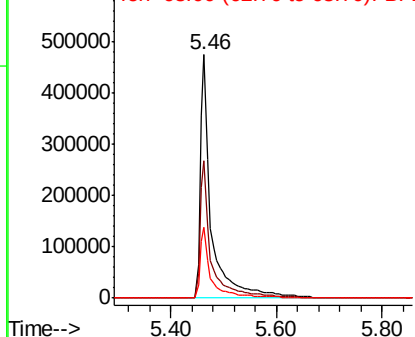
#5

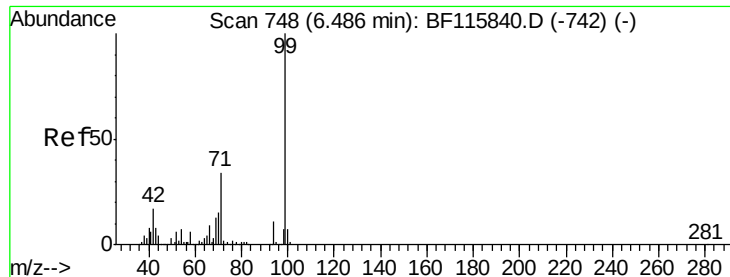
2-Fluorophenol
Concen: 104.119 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:112 Resp: 696591
Ion Ratio Lower Upper
112 100
64 56.5 45.4 68.2
63 29.0 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: 105.715 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

Instrument :

BNA_F

ClientSampled :

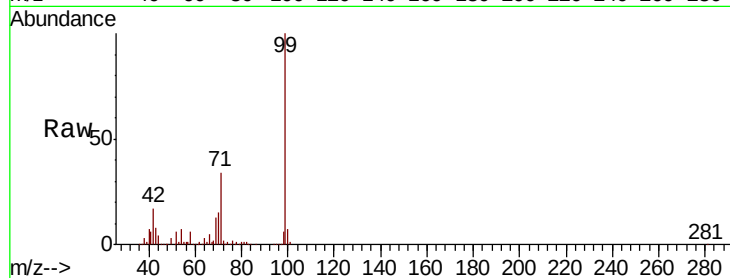
Tot Ion: 99 Resp: 892342

Ion Ratio Lower Upper

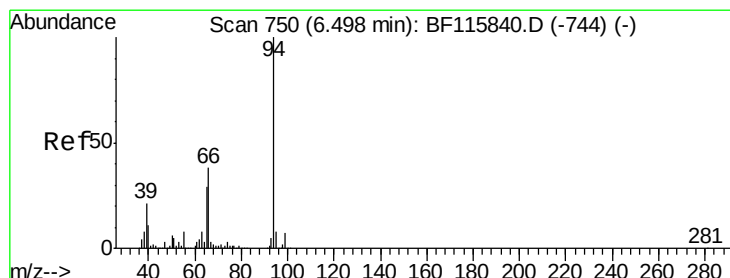
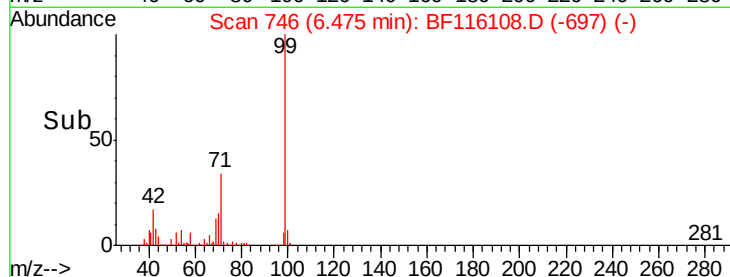
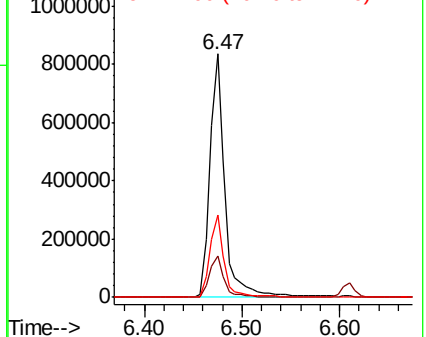
99 100

42 17.1 13.8 20.8

71 33.8 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: 7.038 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

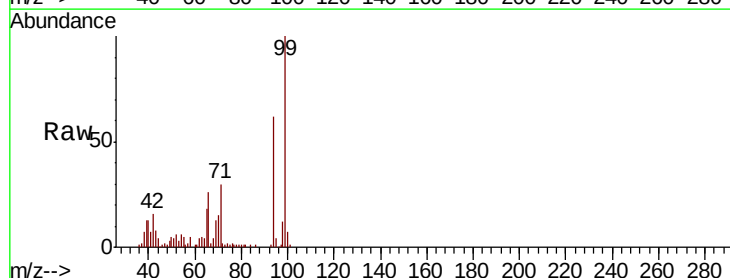
Tgt Ion: 94 Resp: 69958

Ion Ratio Lower Upper

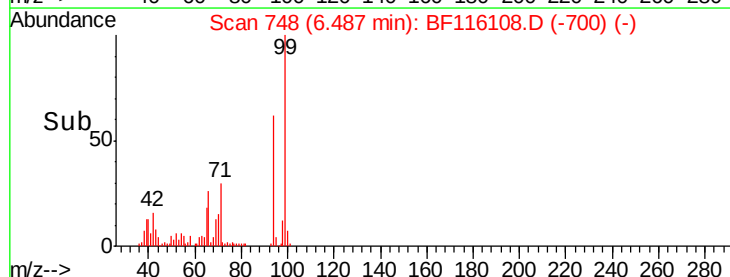
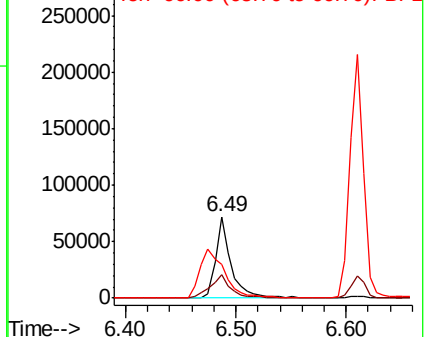
94 100

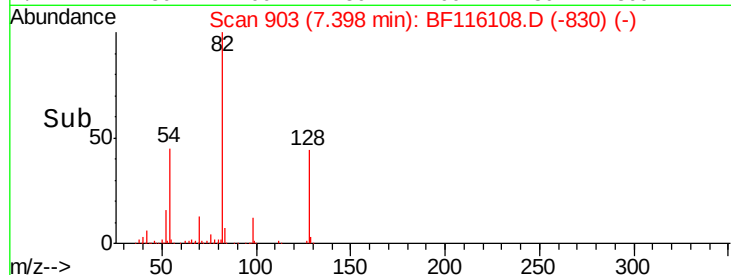
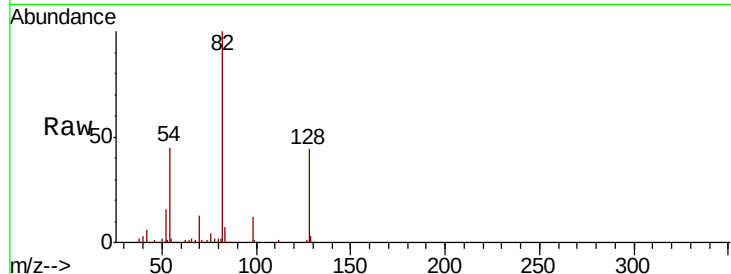
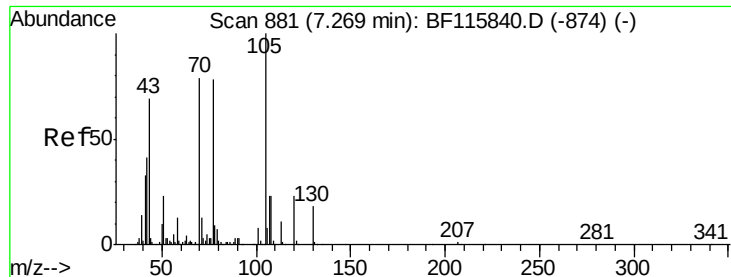
65 28.9 16.8 56.8

66 42.1 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

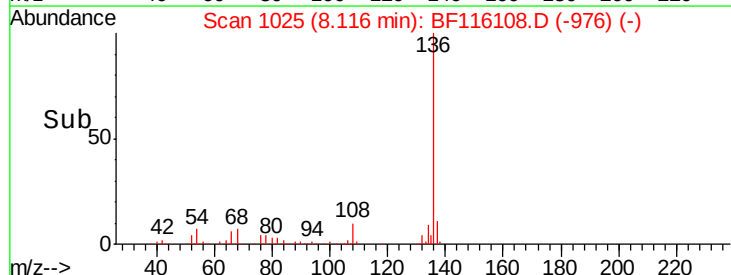
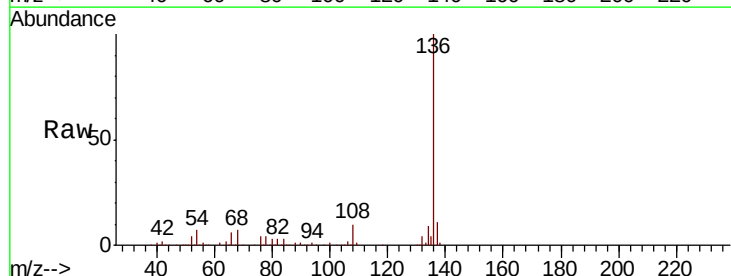
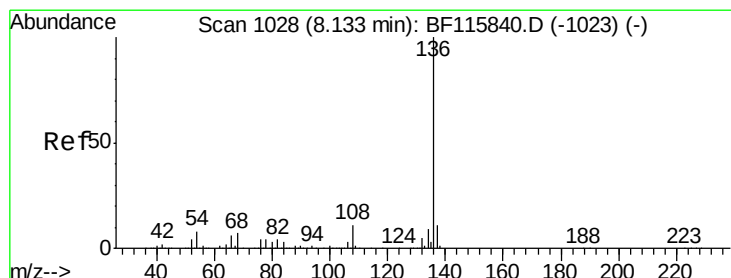
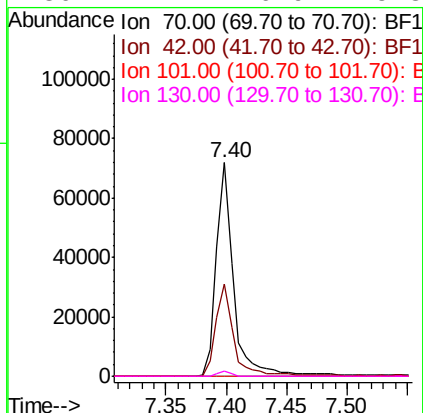




#19
n-Nitroso-di-n-propylamine
Concen: 13.514 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

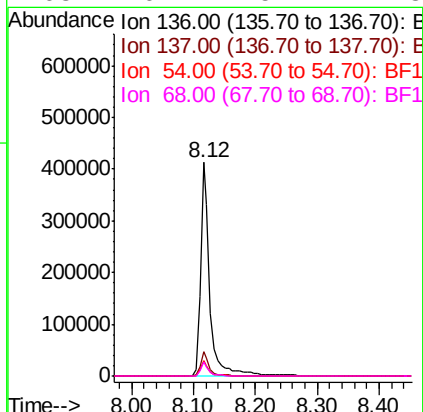
Instrument :
BNA_F
ClientSampleId :

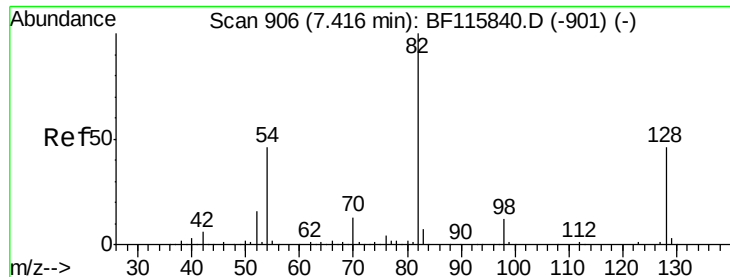
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.2	40.9	61.3
101	0.0	7.9	11.9#
130	2.4	16.9	25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.3	5.8	8.6
68	6.7	5.2	7.8

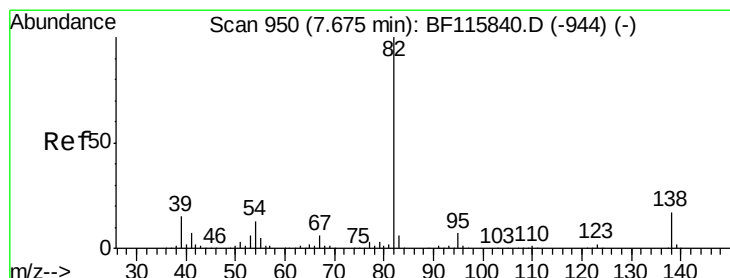
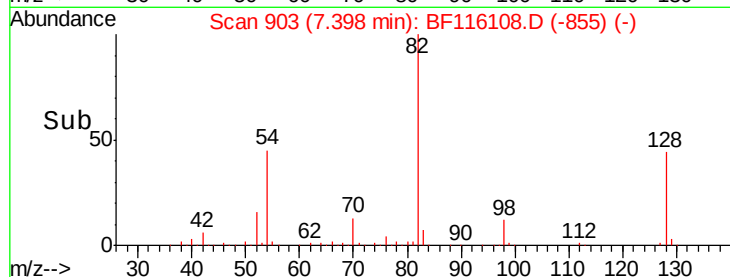
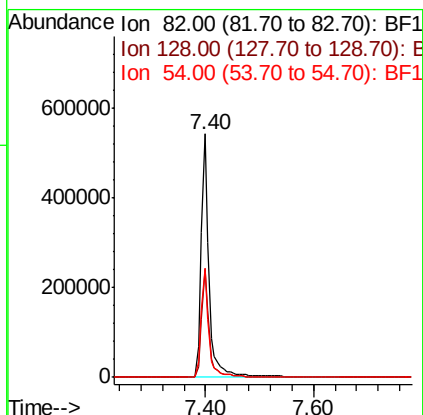
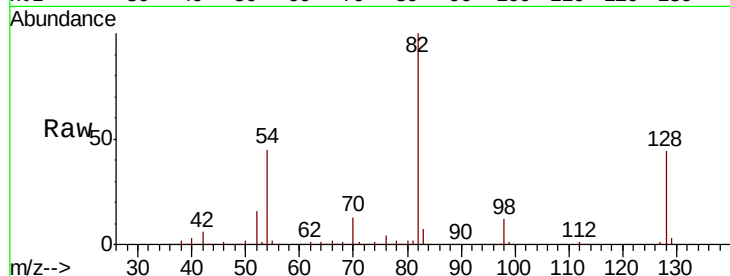




#23
 Nitrobenzene-d5
 Concen: 71.594 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116108.D
 Acq: 9 Aug 2019 12:58

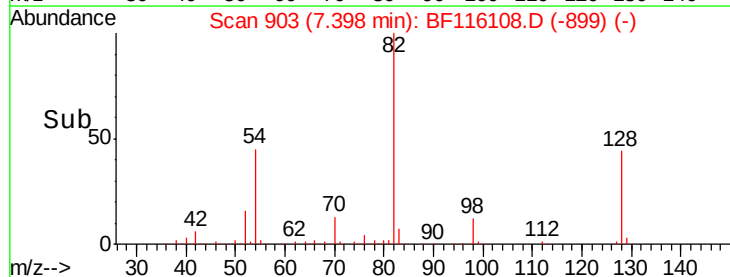
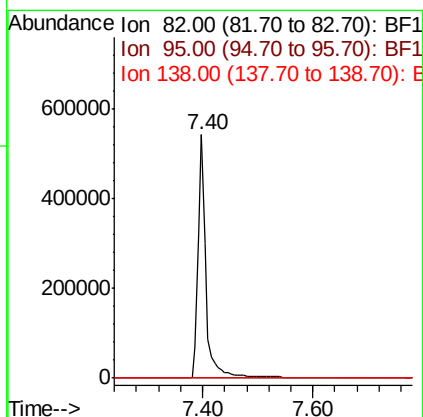
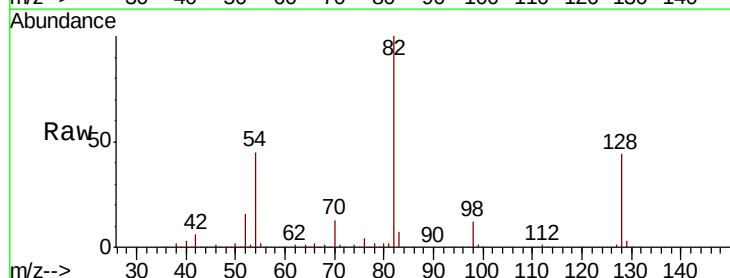
Instrument :
 BNA_F
 ClientSampleId :

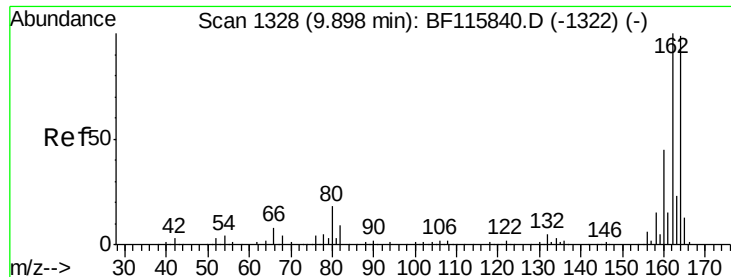
Tot Ion: 82 Resp: 550221
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.5 54.7
 54 44.8 36.0 54.0



#25
 Isophorone
 Concen: 37.442 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.28 min
 Lab File: BF116108.D
 Acq: 9 Aug 2019 12:58

Tgt Ion: 82 Resp: 550219
 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: BF116108.D

Acq: 9 Aug 2019 12:58

Instrument :

BNA_F

ClientSampleId :

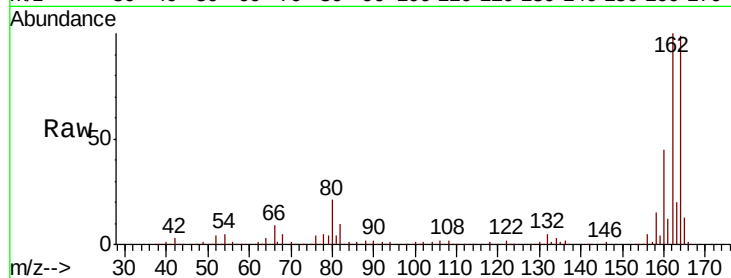
Tot Ion:164 Resp: 237618

Ion Ratio Lower Upper

164 100

162 100.9 82.6 124.0

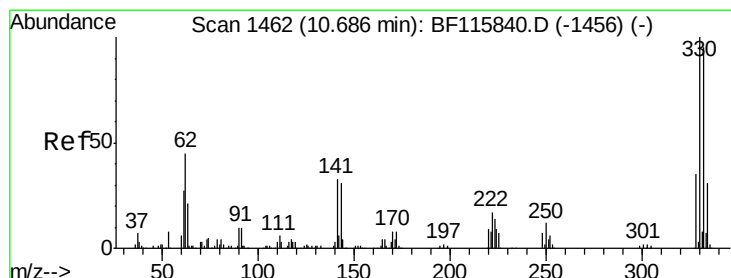
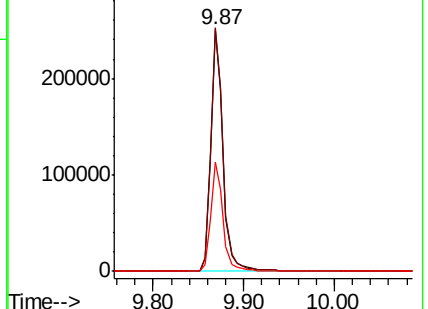
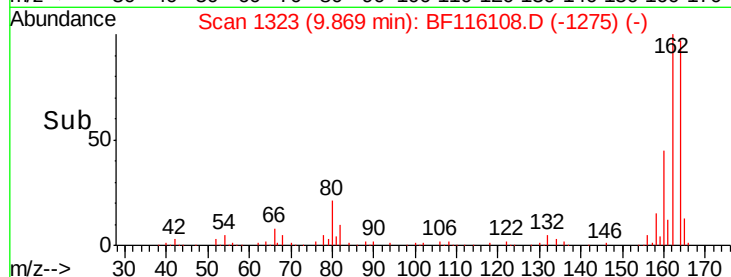
160 45.4 37.6 56.4



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: 96.654 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116108.D

Acq: 9 Aug 2019 12:58

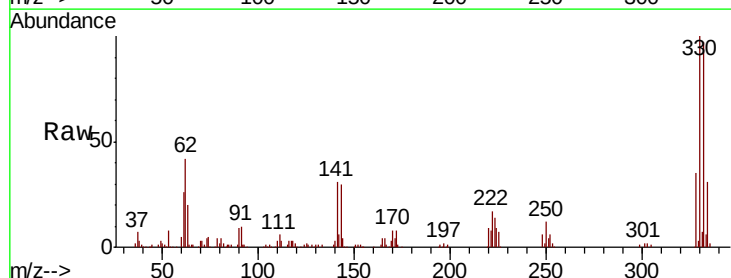
Tgt Ion:330 Resp: 222668

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

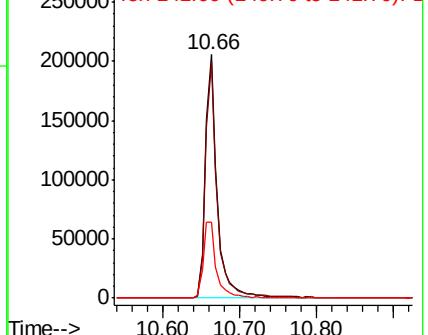
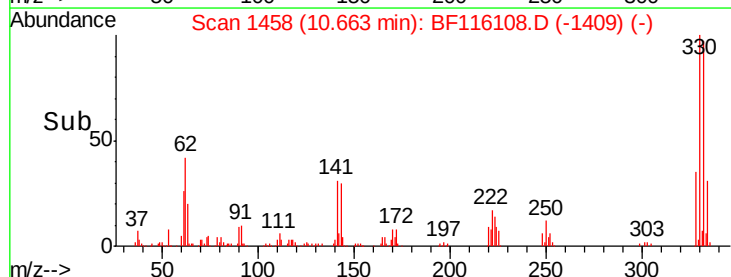
141 34.8 26.3 39.5

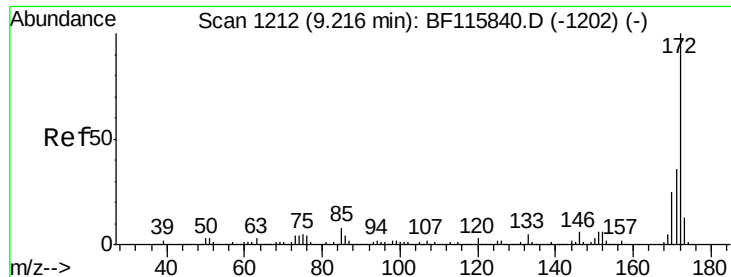


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

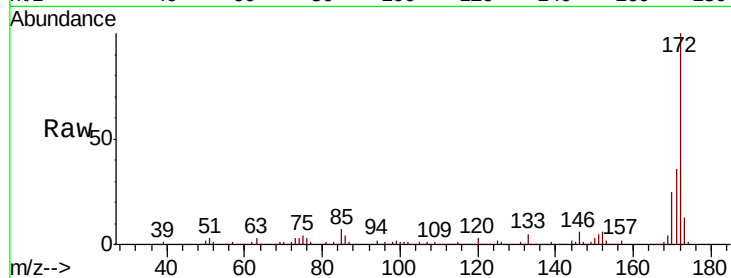




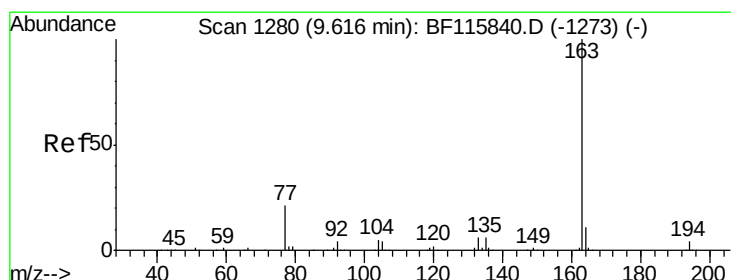
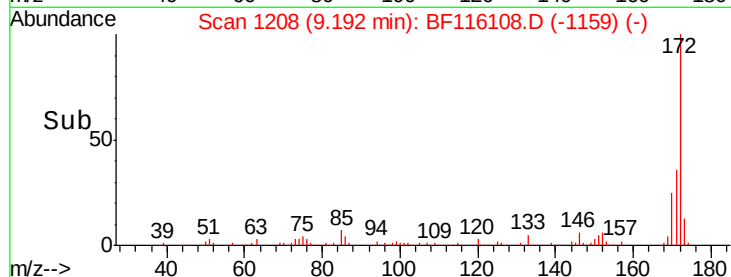
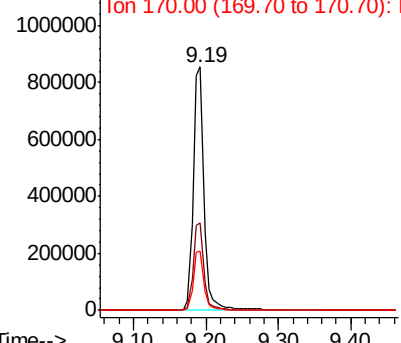
#45
2-Fluorobiphenyl
Concen: 70.460 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 893858
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.5 20.1 30.1

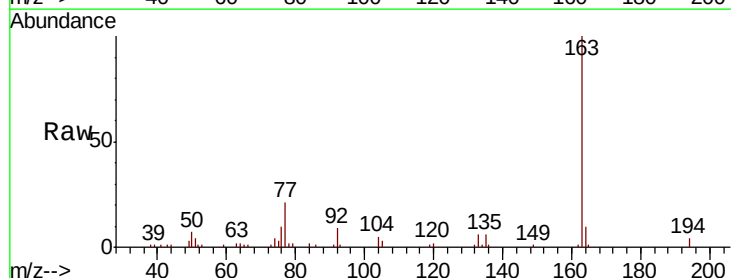


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

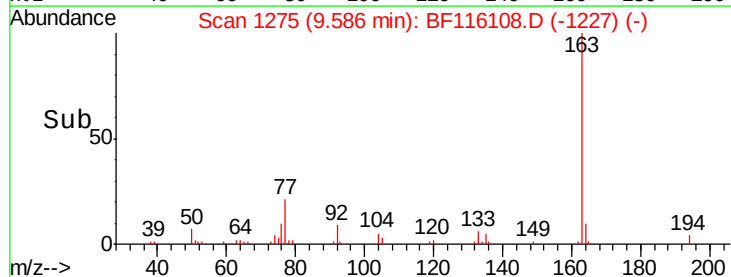
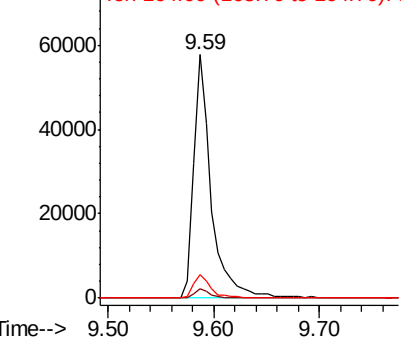


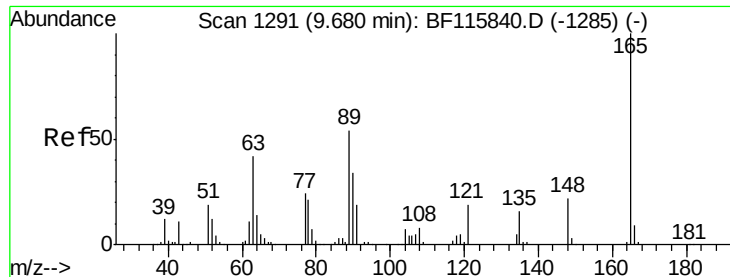
#50
Dimethylphthalate
Concen: 4.146 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:163 Resp: 67079
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.6 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

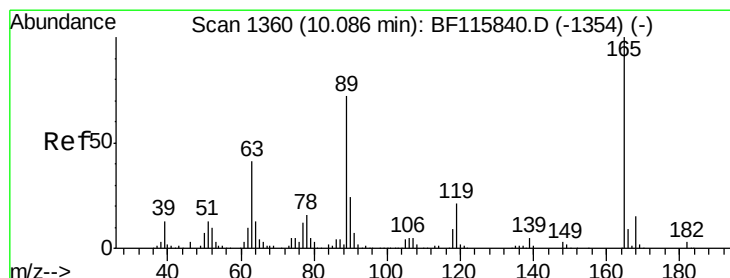
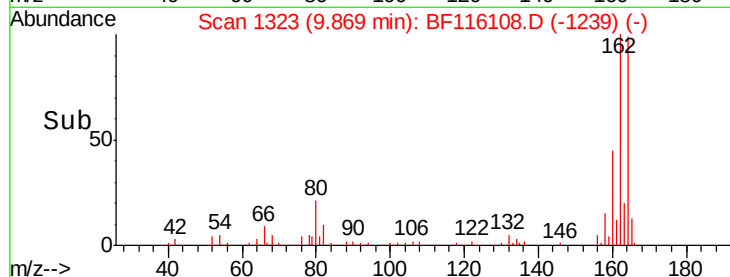
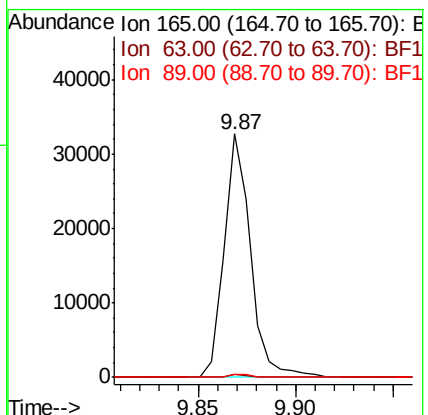
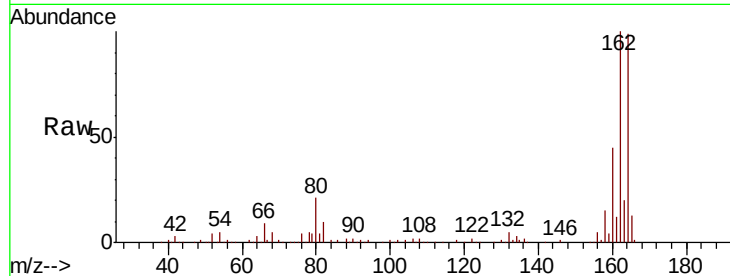




#51
 2,6-Dinitrotoluene
 Concen: 8.644 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116108.D
 Acq: 9 Aug 2019 12:58

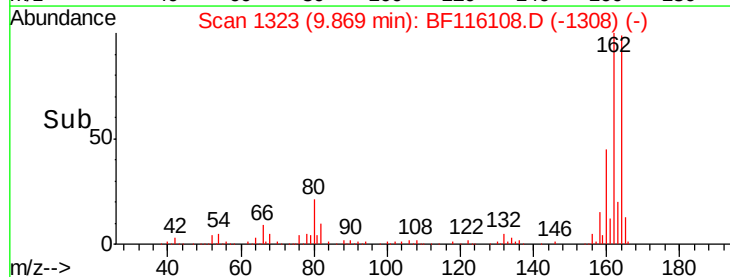
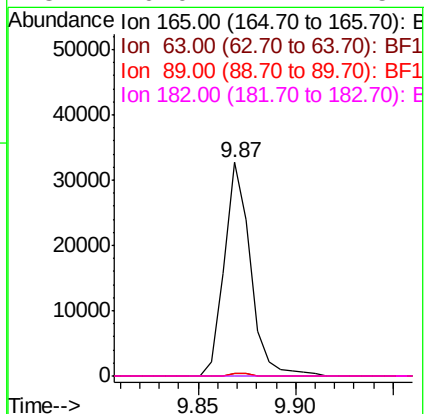
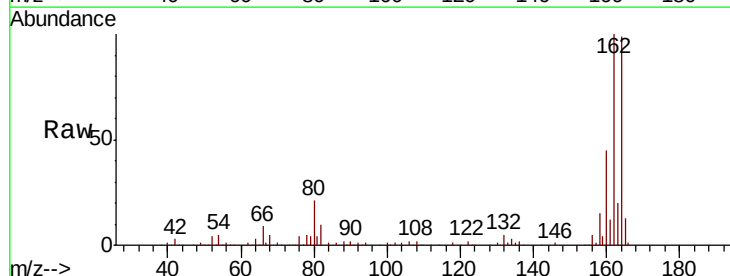
Instrument :
 BNA_F
 ClientSampleId :

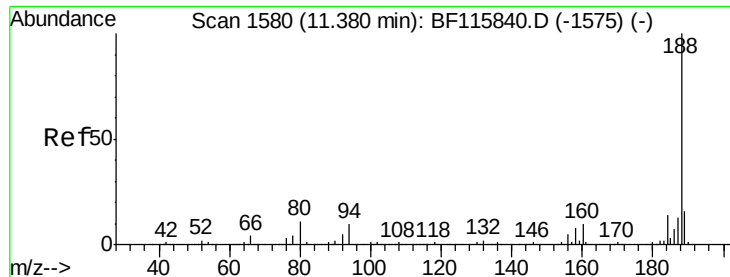
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.2	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.492 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116108.D
 Acq: 9 Aug 2019 12:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.2	62.2	93.2#
182	0.0	2.1	3.1#

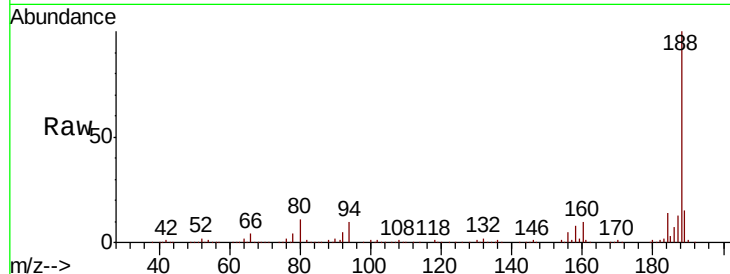




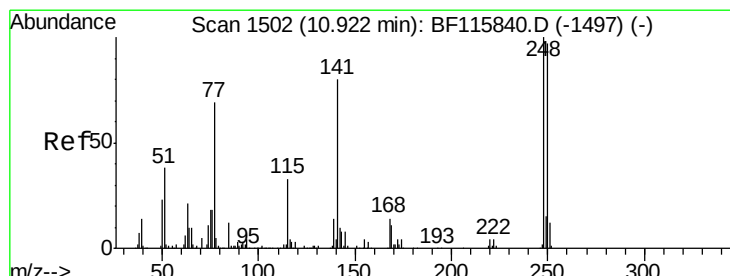
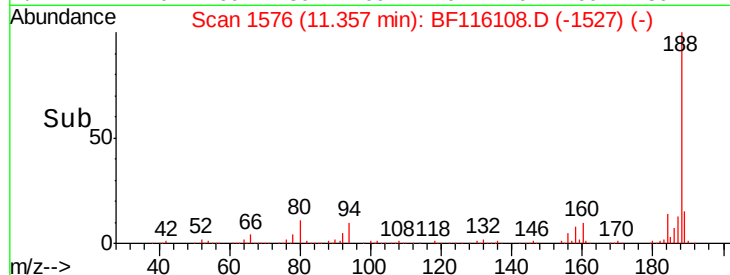
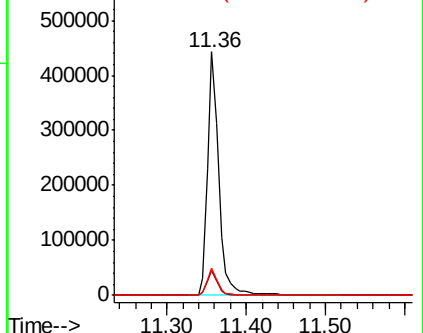
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116108.D
 Acq: 9 Aug 2019 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 440260
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.1 12.1
 80 11.0 8.7 13.1

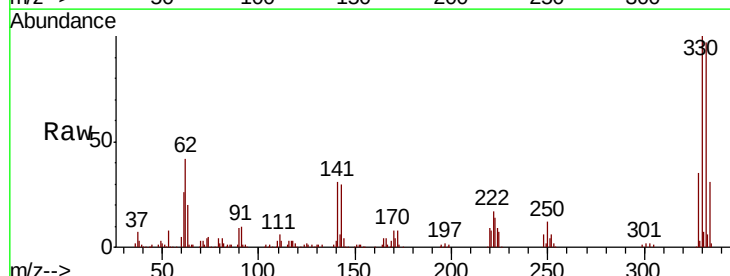


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

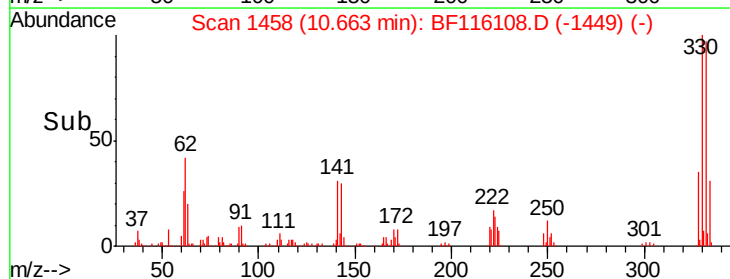
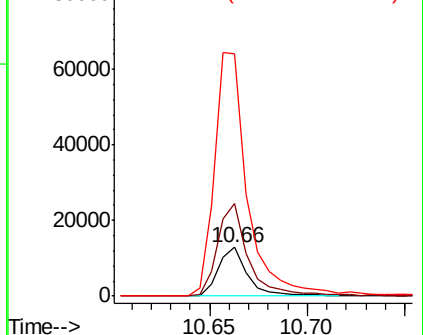


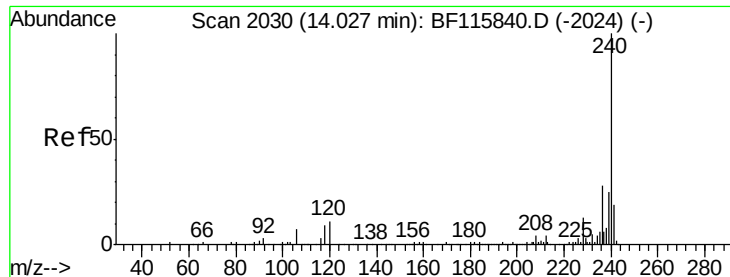
#67
 4-Bromophenyl-phenylether
 Concen: 2.846 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116108.D
 Acq: 9 Aug 2019 12:58

Tgt Ion:248 Resp: 13414
 Ion Ratio Lower Upper
 248 100
 250 188.9 77.4 116.2#
 141 495.2 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

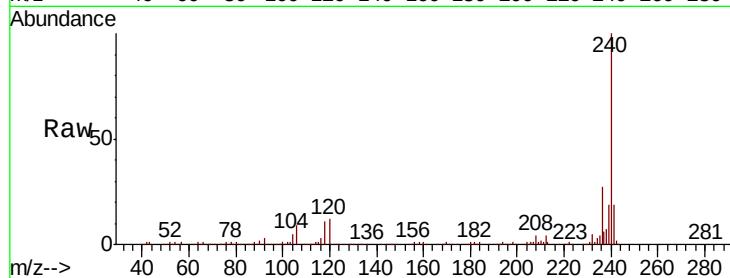




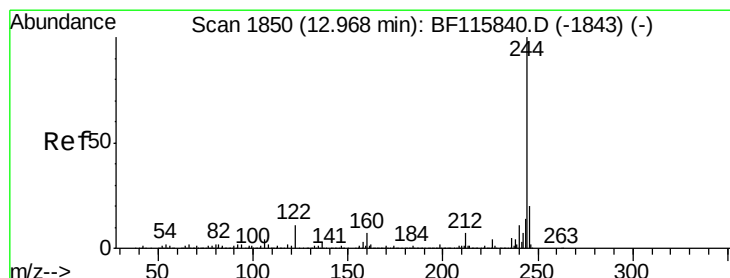
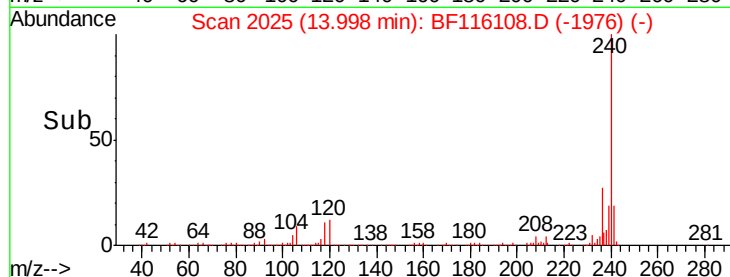
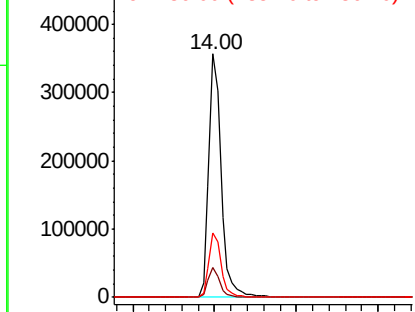
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 376617
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 26.6 22.2 33.2

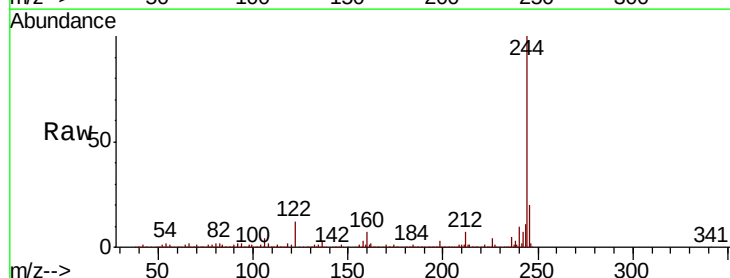


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

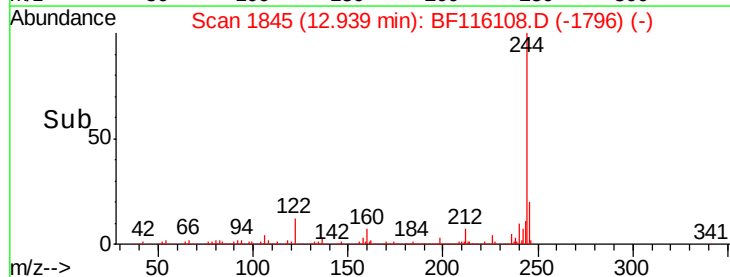
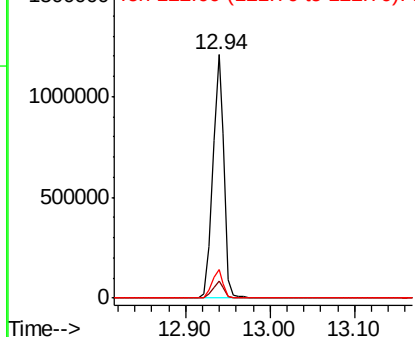


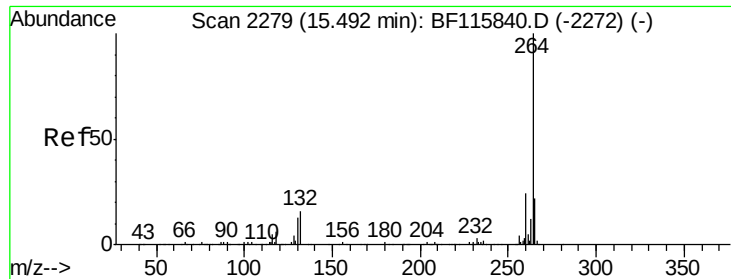
#79
Terphenyl-d14
Concen: 63.906 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Tgt Ion:244 Resp: 1142208
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.9 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

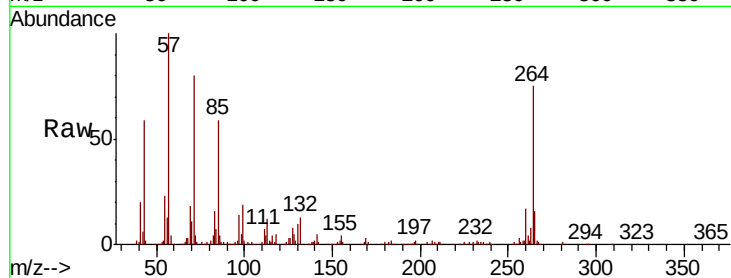




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116108.D
Acq: 9 Aug 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.7	29.5
265	21.1	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

