

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114813.D
 Acq On : 5 Jun 2019 11:45
 Operator : HP/JU
 Sample : K2641-16RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 12:22:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

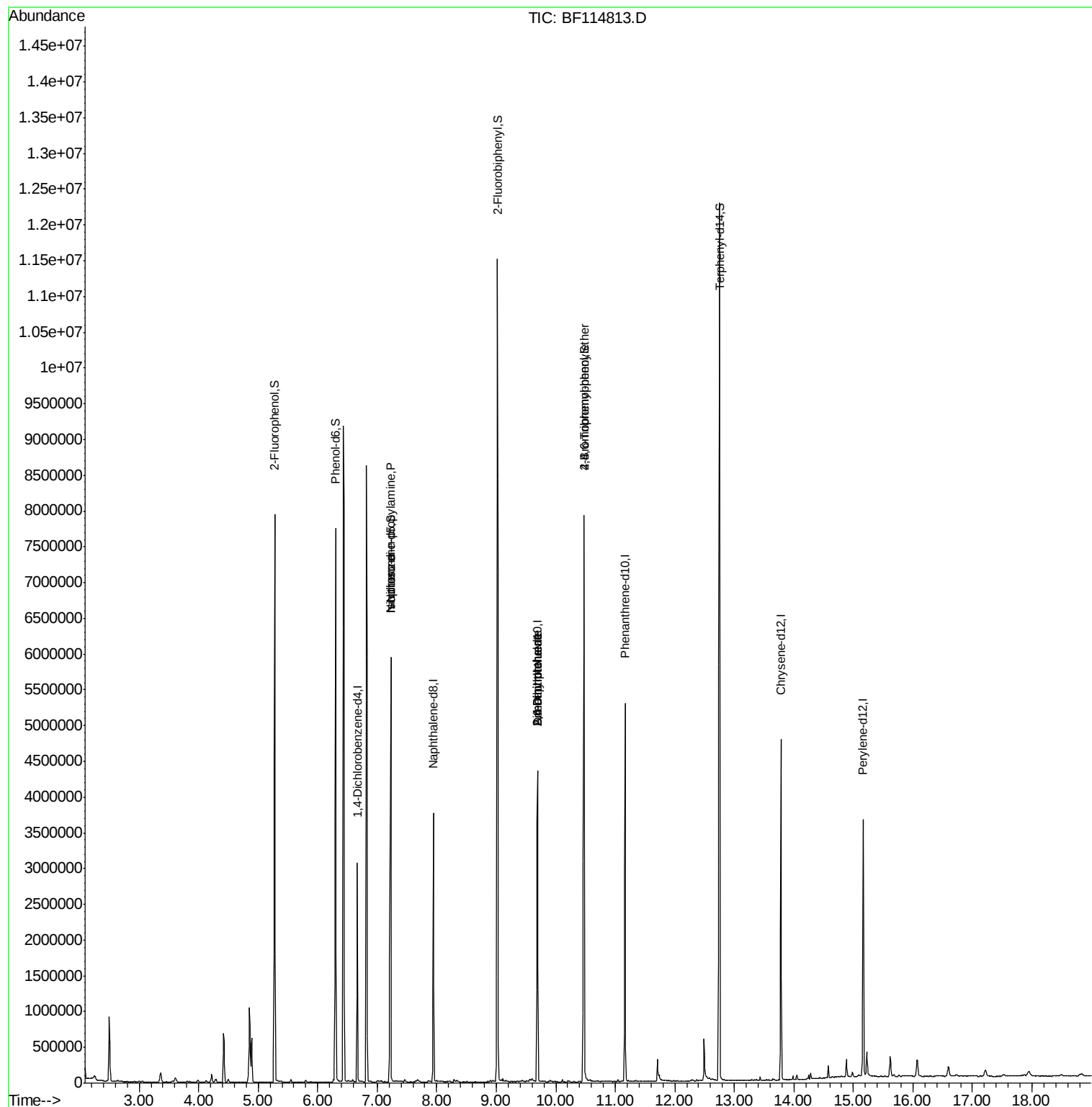
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	448072	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1714240	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	882838	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1798951	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1583194	20.00	ng	0.00
87) Perylene-d12	15.17	264	1597620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2556744	99.71	ng	0.02
7) Phenol-d6	6.30	99	2754596	88.28	ng	0.00
23) Nitrobenzene-d5	7.23	82	2220189	79.73	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	1133065	119.09	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3883374	82.40	ng	0.00
79) Terphenyl-d14	12.75	244	4773892	58.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	300250	14.537	ng	# 79
25) Isophorone	7.23	82	2167012	39.363	ng	# 61
50) Dimethylphthalate	9.69	163	252001	3.908	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	114992	7.583	ng	# 33
57) 2,4-Dinitrotoluene	9.69	165	114992	6.032	ng	# 32
58) Fluorene	10.47	166	50125	Below Cal	#	86
67) 4-Bromophenyl-phenylether	10.47	248	73537	3.599	ng	# 1

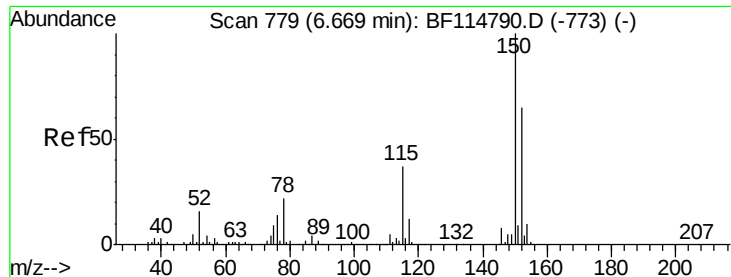
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF114813.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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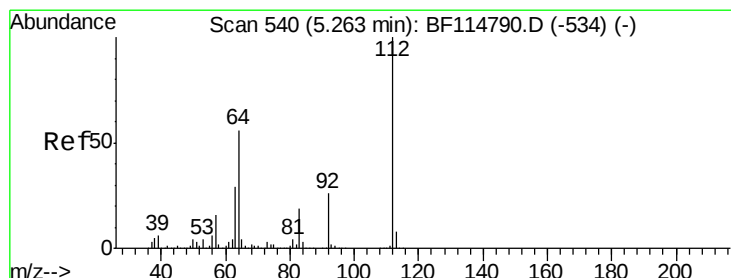
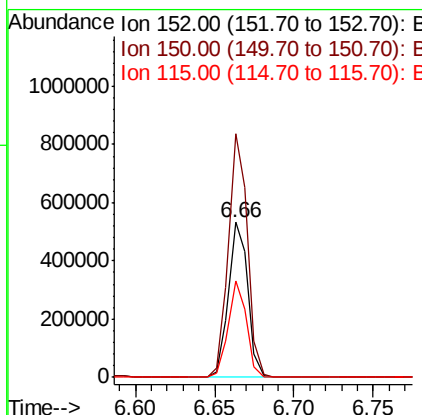
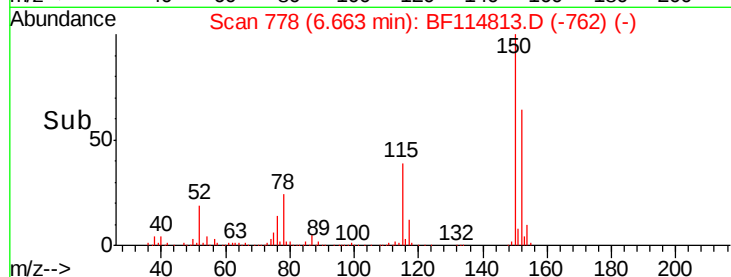
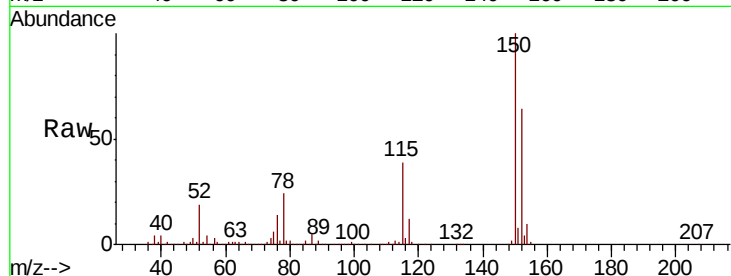


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :

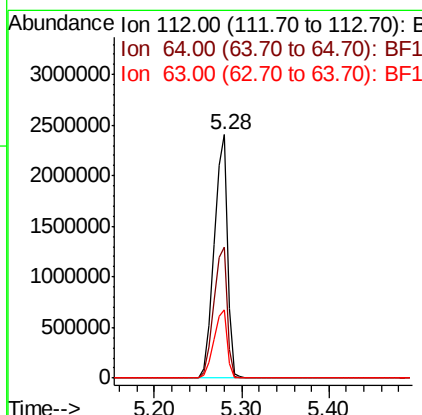
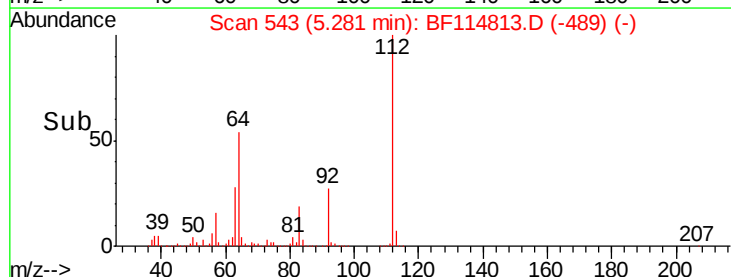
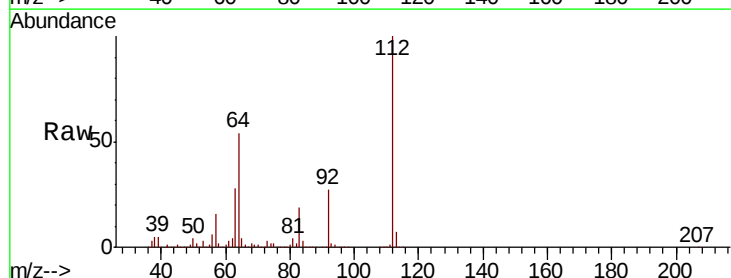
Tot Ion:152 Resp: 448072
Ion Ratio Lower Upper
152 100
150 157.3 124.0 186.0
115 61.9 46.3 69.5

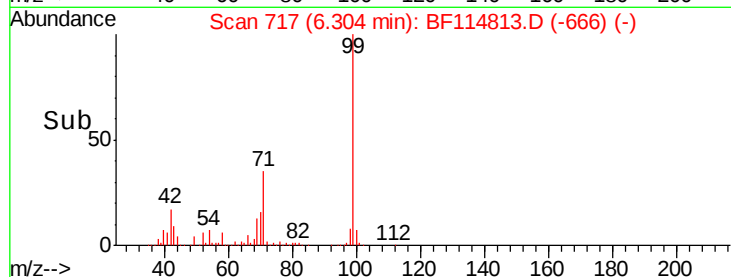
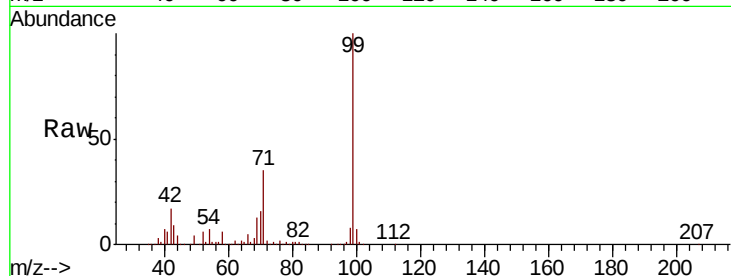
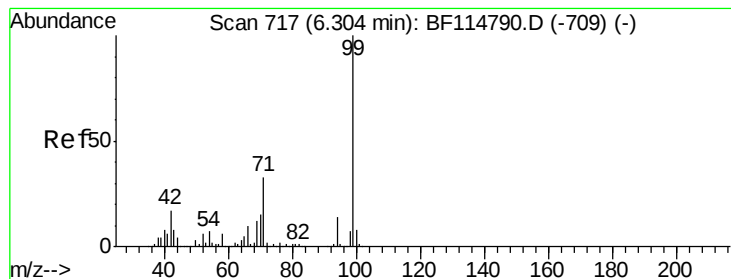


#5

2-Fluorophenol
Concen: 99.706 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

Tgt Ion:112 Resp: 2556744
Ion Ratio Lower Upper
112 100
64 53.9 44.6 66.8
63 27.9 23.0 34.4





#7

Phenol-d6

Concen: 88.282 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

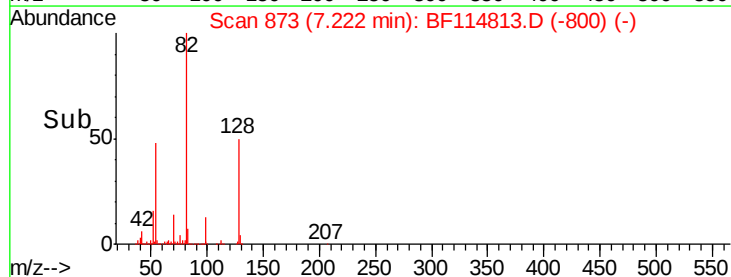
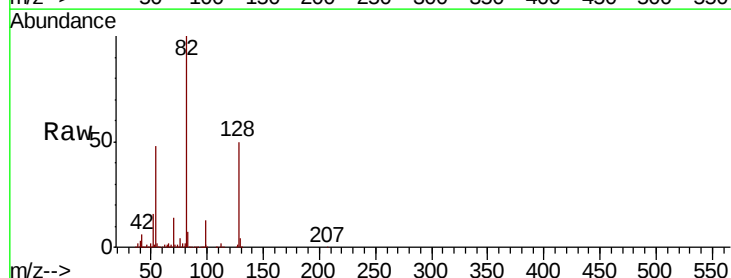
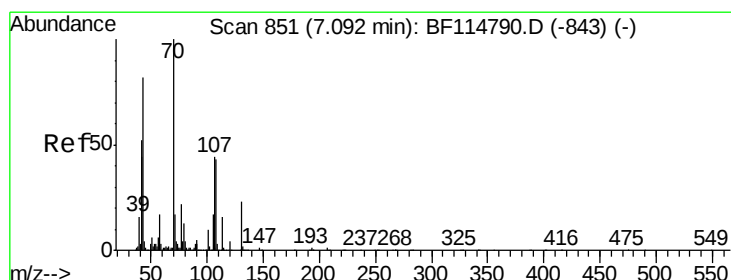
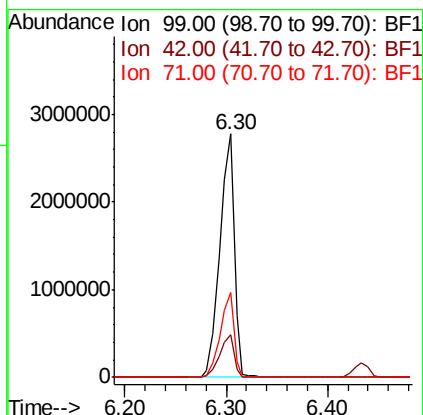
Tot Ion: 99 Resp: 2754596

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

71 34.9 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 14.537 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

Tgt Ion: 70 Resp: 300250

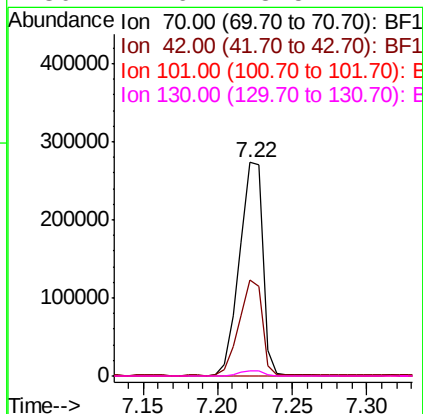
Ion Ratio Lower Upper

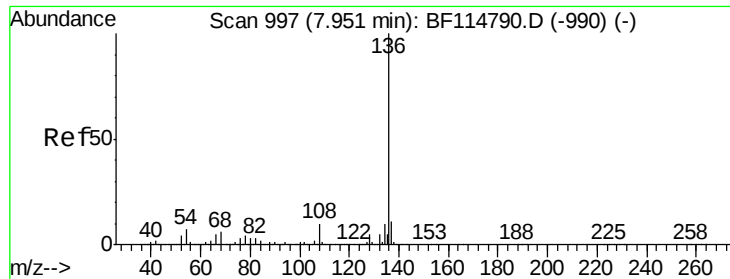
70 100

42 44.9 41.8 62.8

101 0.0 8.2 12.4#

130 2.6 18.5 27.7#

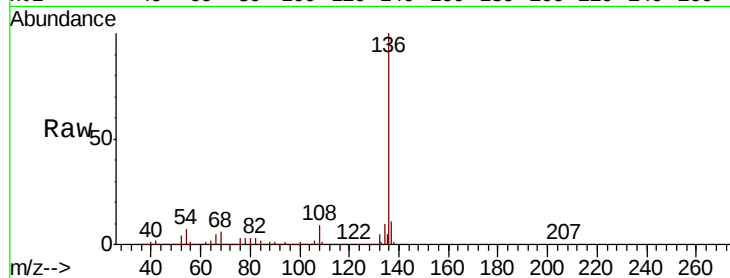




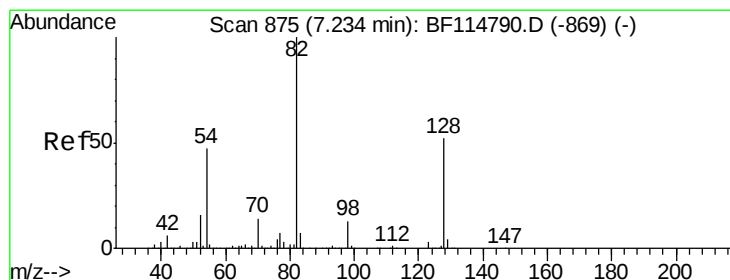
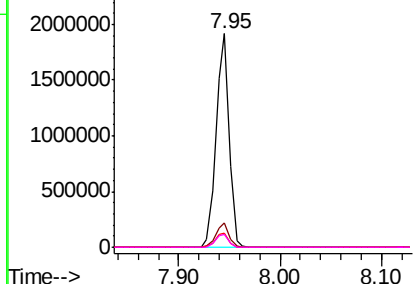
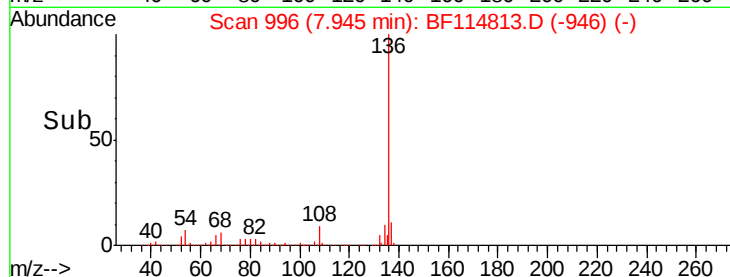
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1714240
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 6.7	5.4 8.0
68 5.8	4.6 6.8

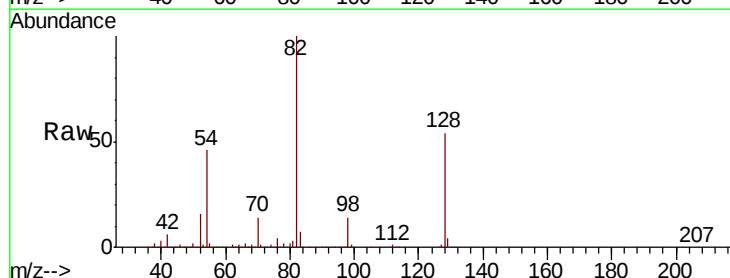


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

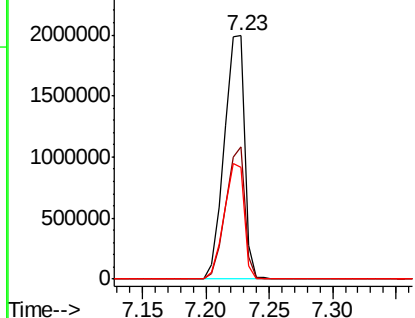
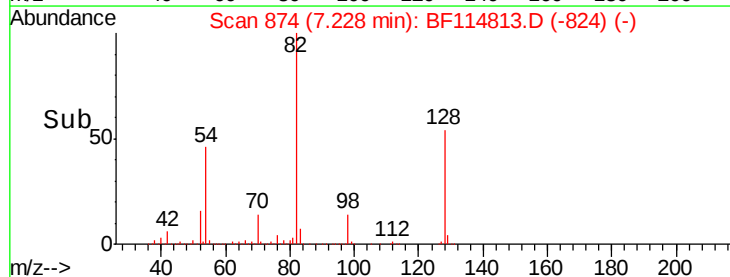


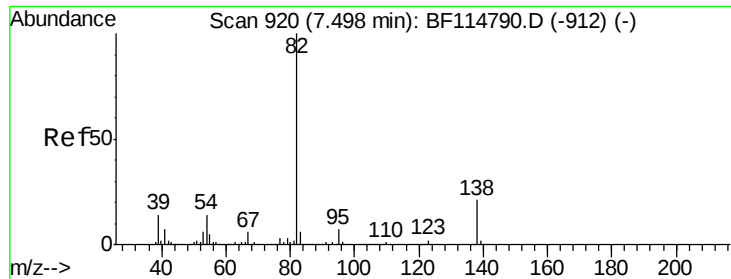
#23
Nitrobenzene-d5
Concen: 79.727 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

Tgt Ion: 82	Resp: 2220189
Ion Ratio	Lower Upper
82 100	
128 54.2	41.8 62.6
54 46.1	37.9 56.9



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: 39.363 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

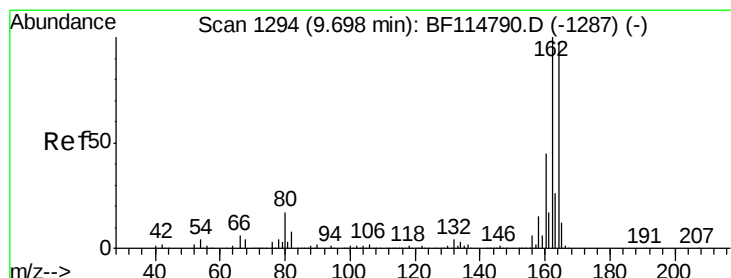
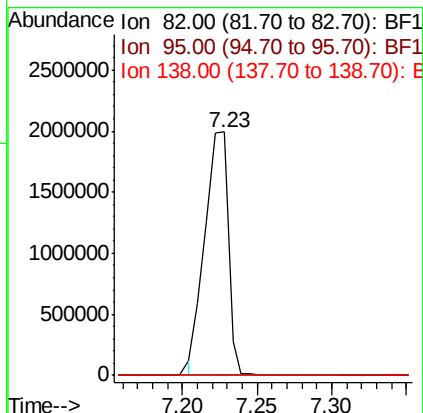
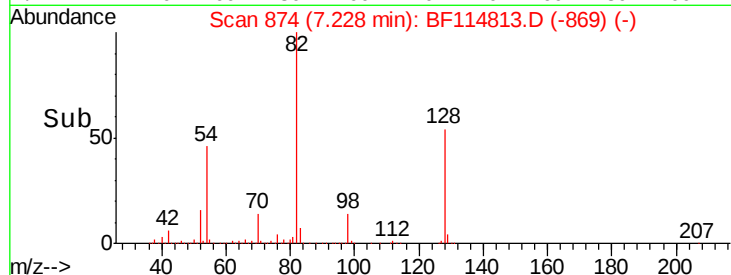
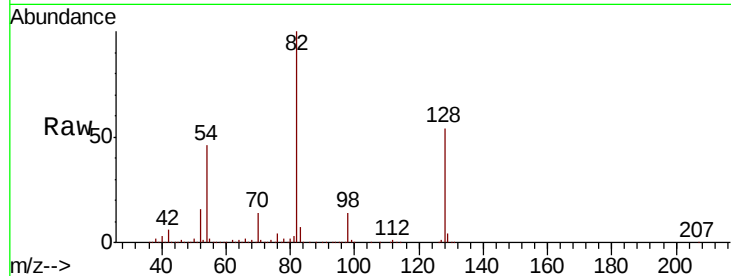
Tot Ion: 82 Resp: 2167012

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

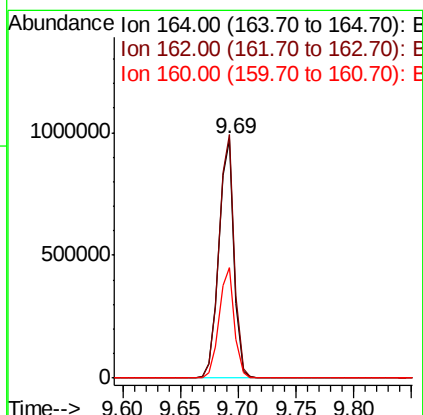
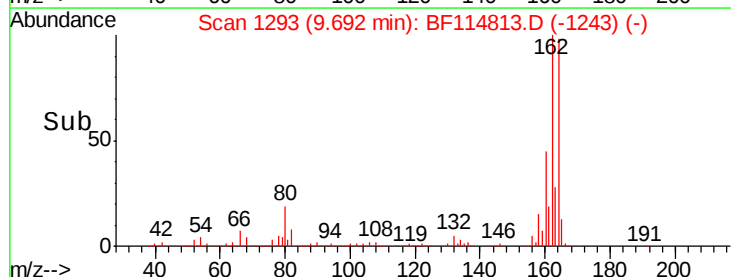
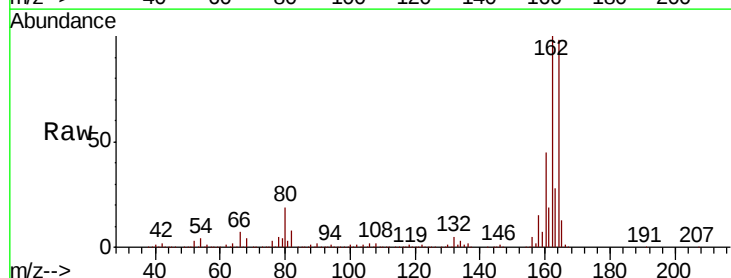
Tgt Ion:164 Resp: 882838

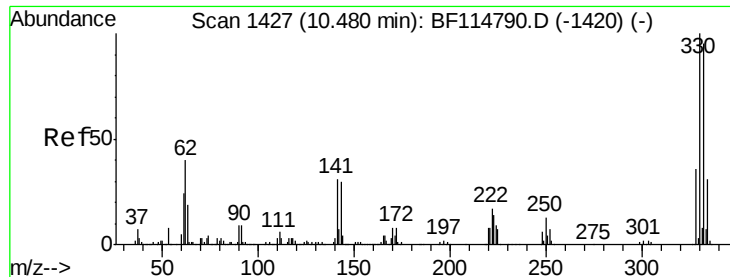
Ion Ratio Lower Upper

164 100

162 101.9 82.3 123.5

160 46.1 36.7 55.1



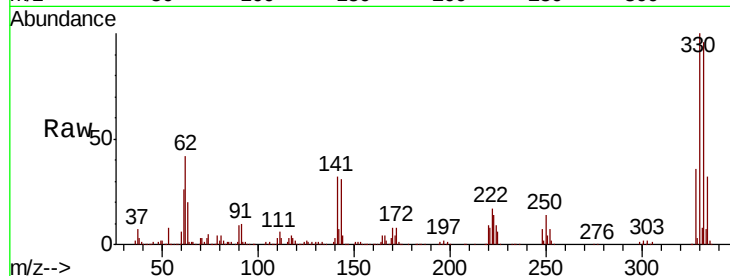


#42
 2,4,6-Tribromophenol
 Concen: 119.095 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114813.D
 Acq: 5 Jun 2019 11:45

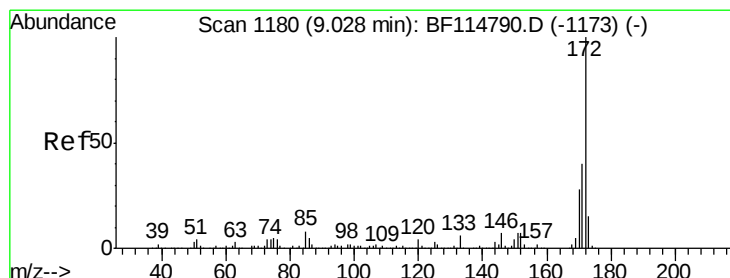
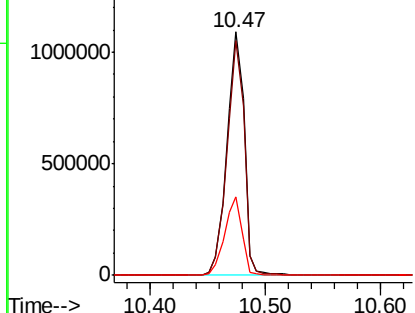
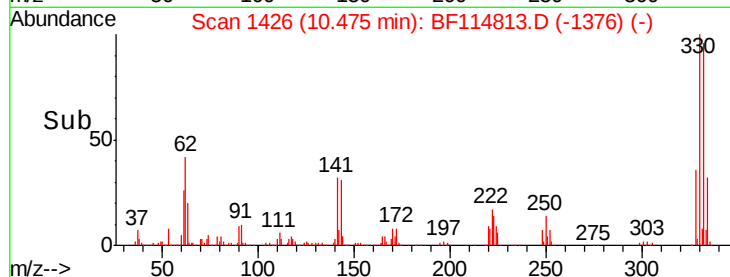
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 1133065

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.5	26.2	39.4



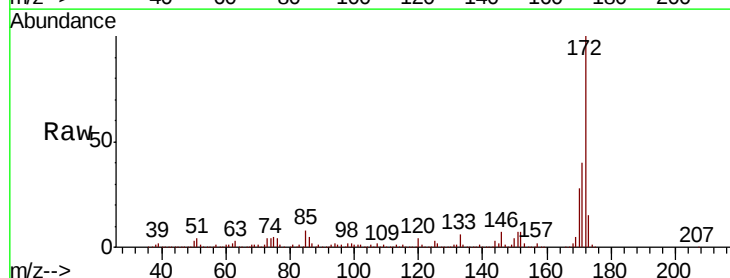
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



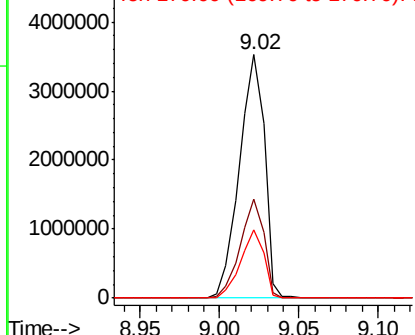
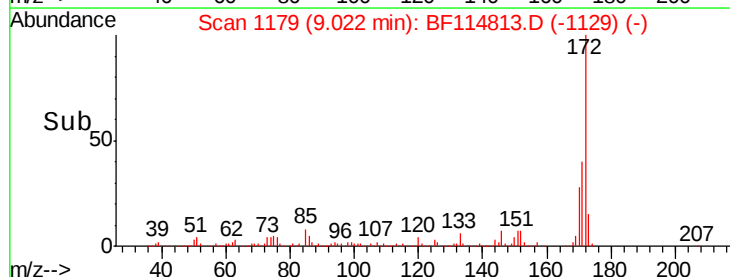
#45
 2-Fluorobiphenyl
 Concen: 82.400 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114813.D
 Acq: 5 Jun 2019 11:45

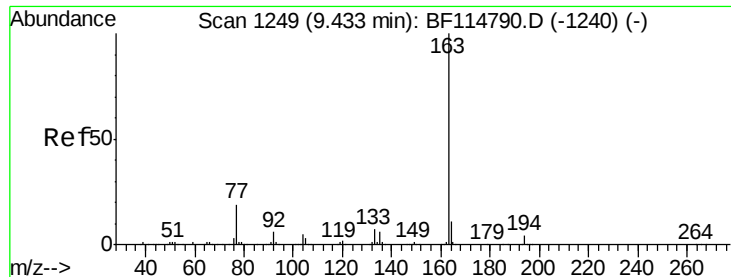
Tgt Ion:172 Resp: 3883374

Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.3	48.5
170	28.0	22.4	33.6



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

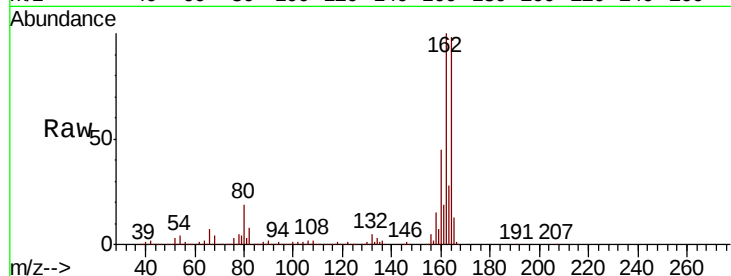




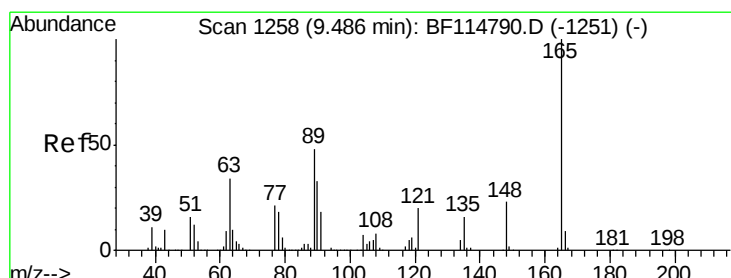
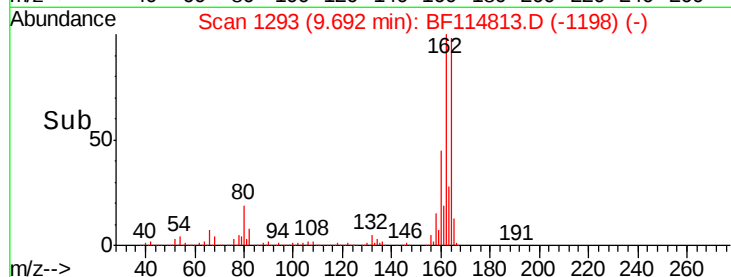
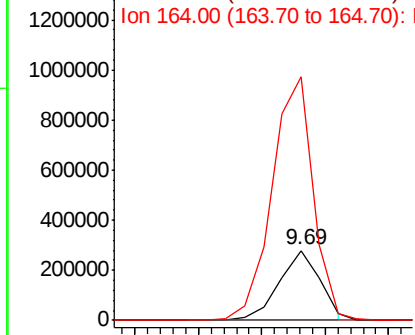
#50
Dimethylphthalate
Concen: 3.908 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.26 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 252001
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 347.0 8.6 13.0#

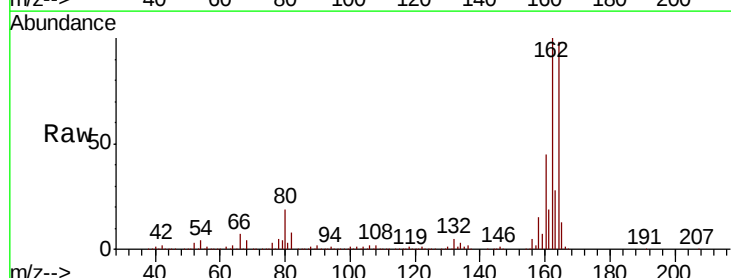


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

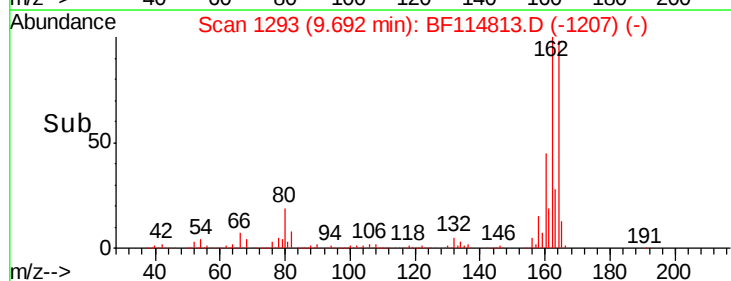
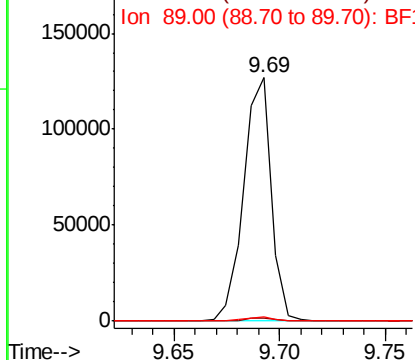


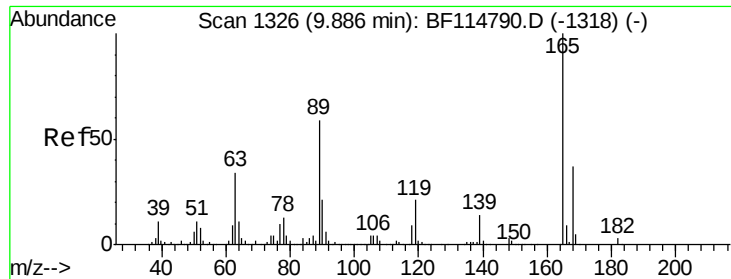
#51
2,6-Dinitrotoluene
Concen: 7.583 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.21 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

Tgt Ion:165 Resp: 114992
Ion Ratio Lower Upper
165 100
63 1.3 35.1 52.7#
89 1.5 38.2 57.2#



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

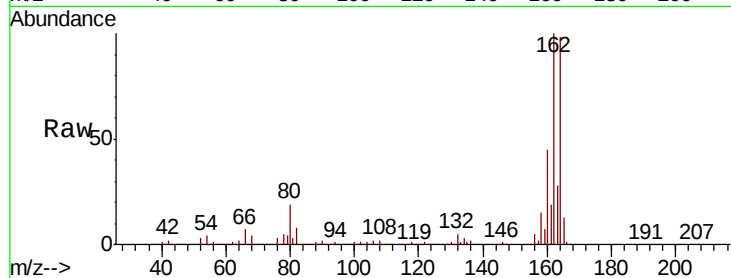




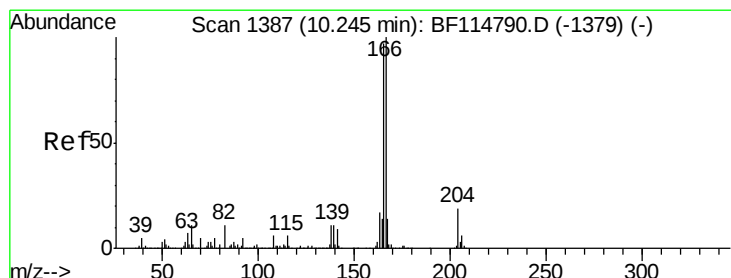
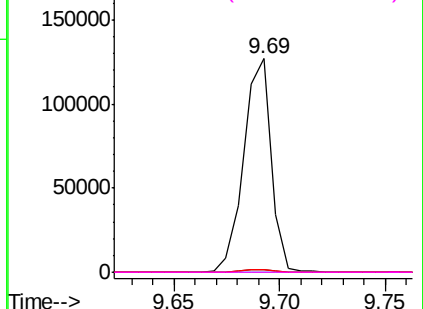
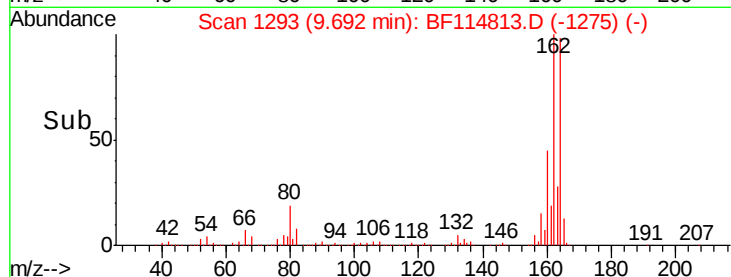
#57
 2,4-Dinitrotoluene
 Concen: 6.032 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.19 min
 Lab File: BF114813.D
 Acq: 5 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	114992
Ion Ratio	Lower	Upper	
165	100		
63	1.3	27.0	40.4#
89	1.5	47.0	70.6#
182	0.0	2.2	3.2#

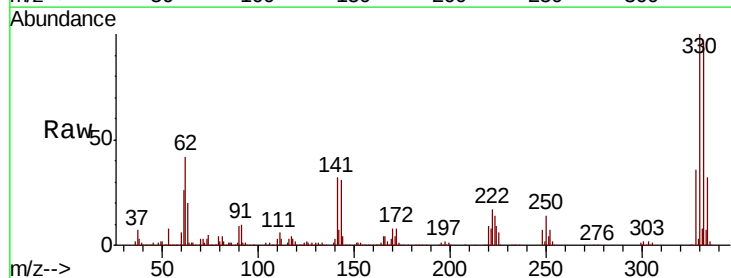


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

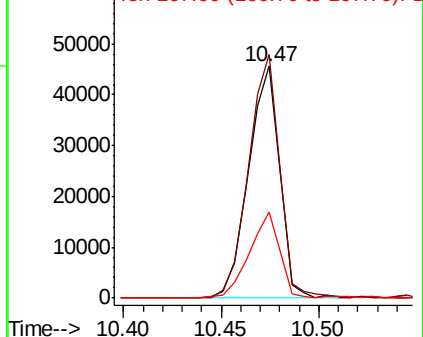
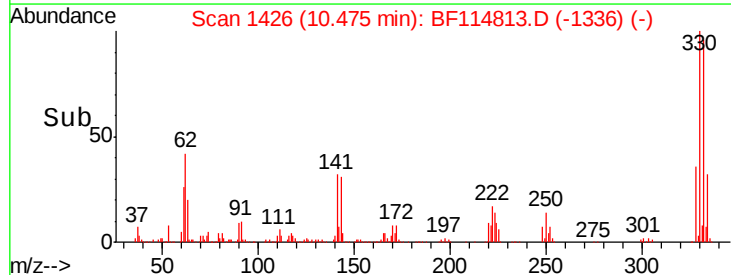


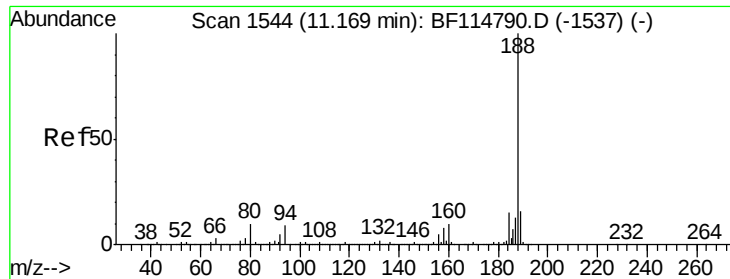
#58
 Fluorene
 Concen: Below Cal
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.23 min
 Lab File: BF114813.D
 Acq: 5 Jun 2019 11:45

Tgt Ion:	166	Resp:	50125
Ion Ratio	Lower	Upper	
166	100		
165	105.1	77.9	116.9
167	37.1	11.3	16.9#



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: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

Instrument :

BNA_F

ClientSampled :

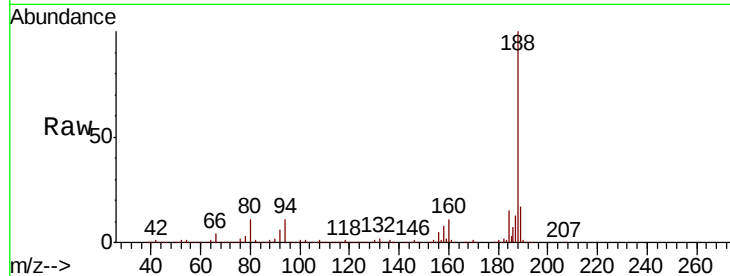
Tot Ion:188 Resp: 1798951

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.6	11.4
80	10.8	8.3	12.5

188 100

94 10.5 7.6 11.4

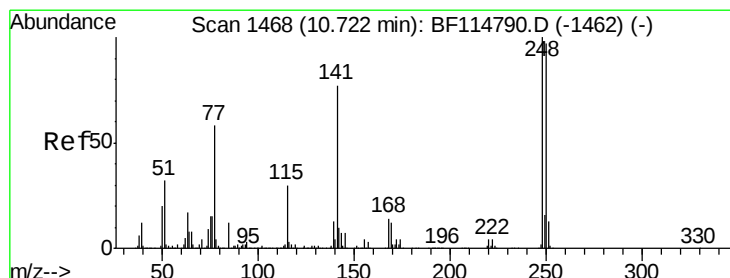
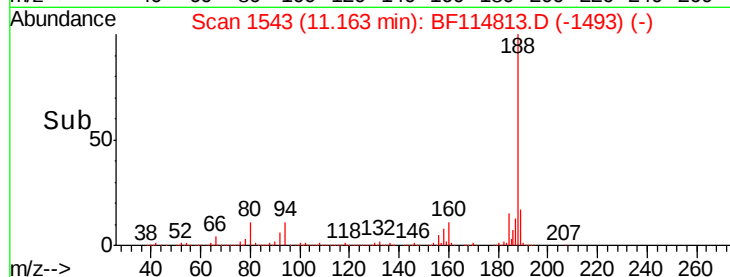
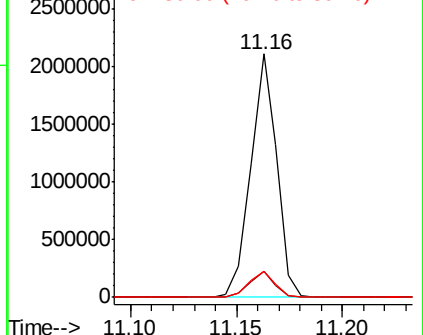
80 10.8 8.3 12.5



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: 3.599 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.25 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

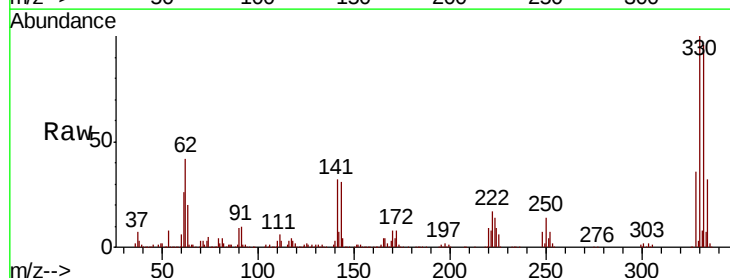
Tgt Ion:248 Resp: 73537

Ion	Ratio	Lower	Upper
248	100		
250	203.3	77.5	116.3#
141	481.2	61.8	92.8#

248 100

250 203.3 77.5 116.3#

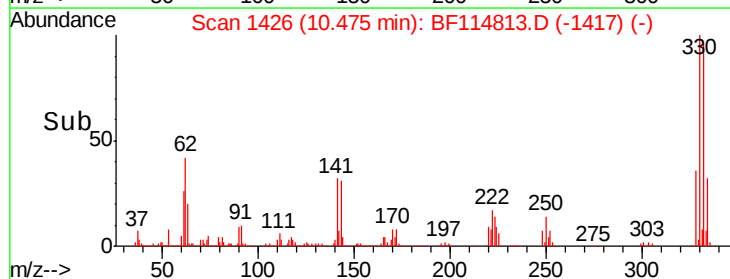
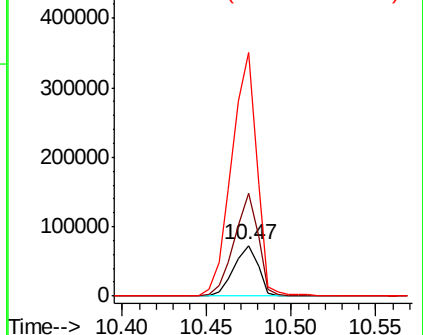
141 481.2 61.8 92.8#

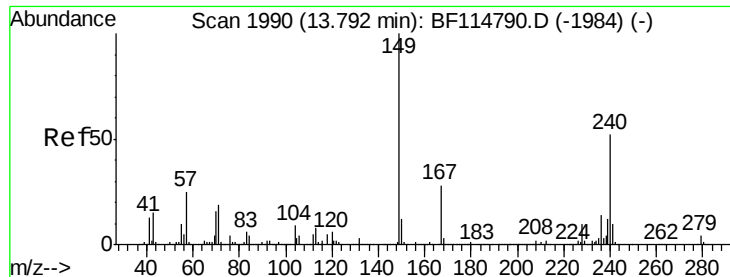


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

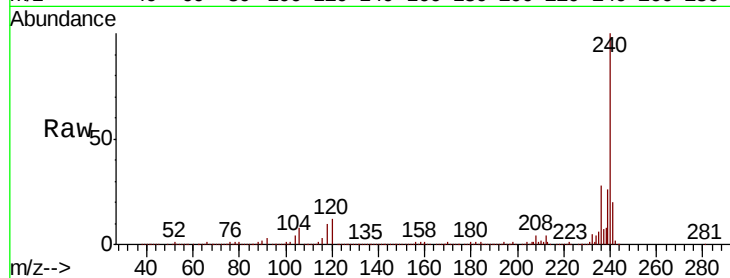
Tot Ion:240 Resp: 1583194

Ion Ratio Lower Upper

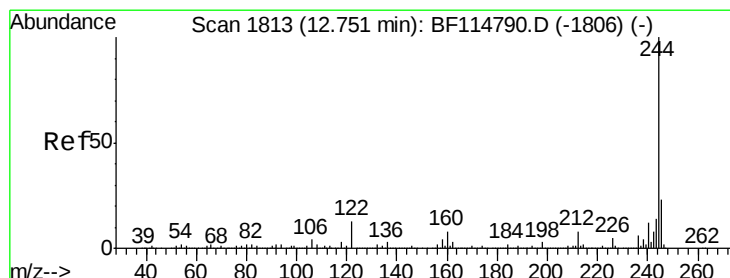
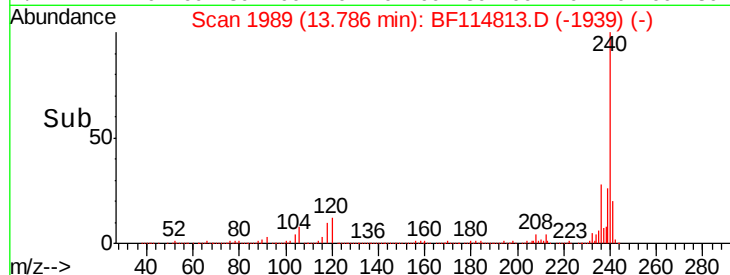
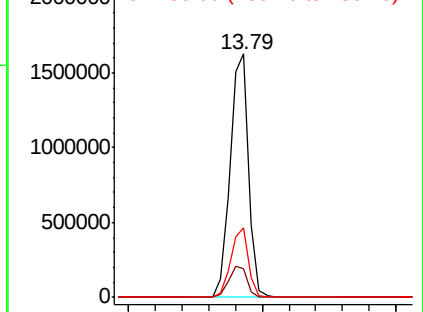
240 100

120 11.5 9.0 13.4

236 28.4 21.4 32.0



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: 58.641 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

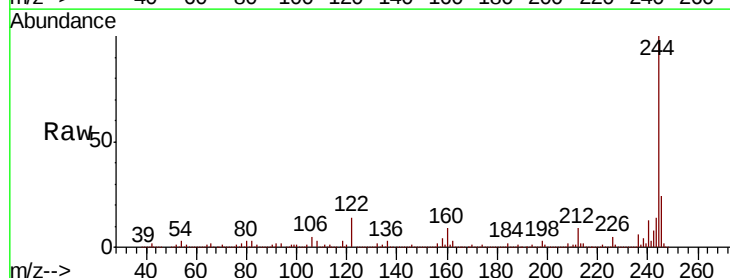
Tgt Ion:244 Resp: 4773892

Ion Ratio Lower Upper

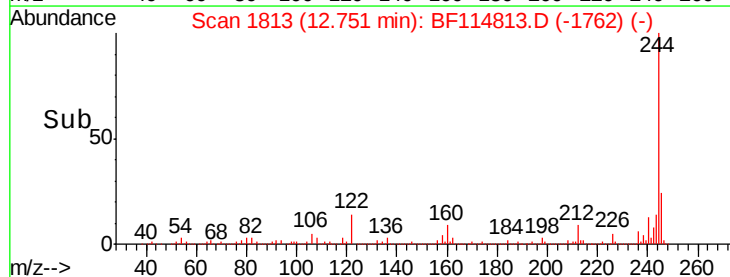
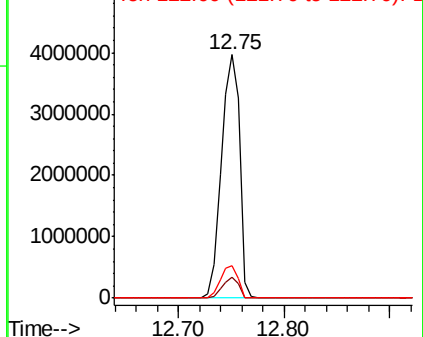
244 100

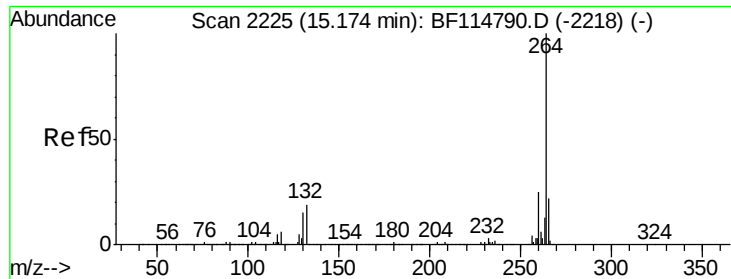
212 8.5 6.5 9.7

122 13.5 10.5 15.7



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

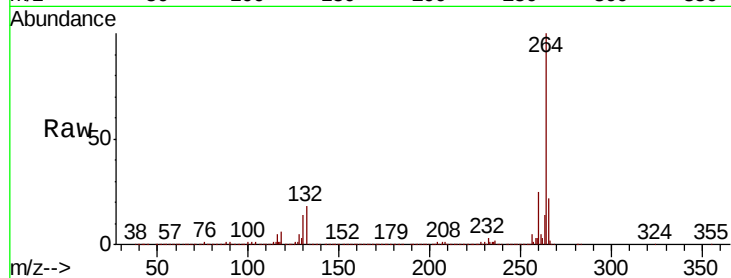




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF114813.D
 Acq: 5 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 1597620
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 22.0 17.7 26.5



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

