

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114812.D
 Acq On : 5 Jun 2019 11:19
 Operator : HP/JU
 Sample : K3139-08RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 12:22:38 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

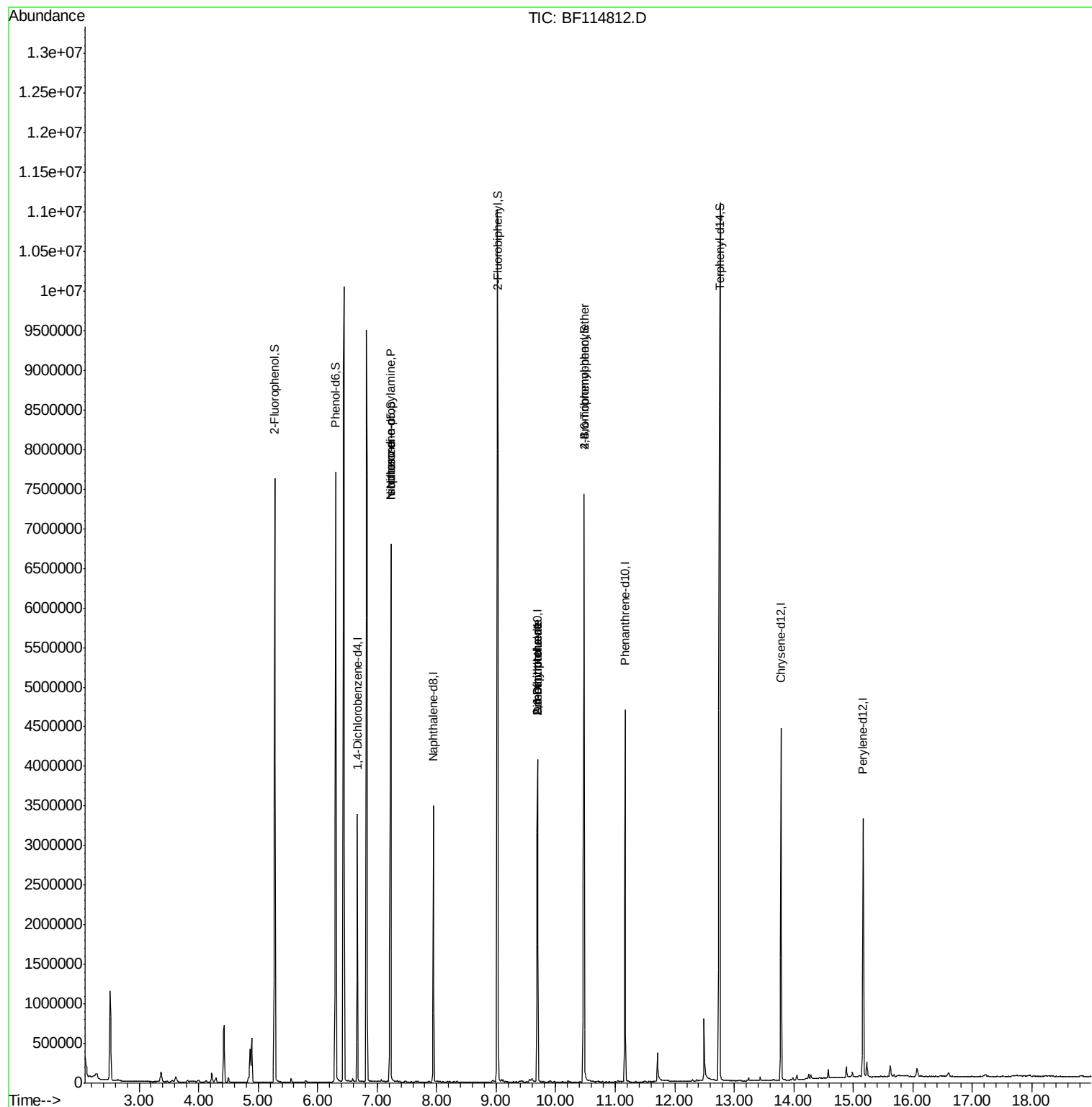
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	492442	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1581661	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	819069	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1672951	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1447096	20.00	ng	0.00
87) Perylene-d12	15.16	264	1437085	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2457320	87.19	ng	0.02
7) Phenol-d6	6.30	99	3128185	91.22	ng	0.00
23) Nitrobenzene-d5	7.23	82	2387781	92.93	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	1106378	125.34	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3825436	87.49	ng	0.00
79) Terphenyl-d14	12.76	244	4716847	63.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	329361	14.509	ng	# 77
25) Isophorone	7.23	82	2335252	45.974	ng	# 61
50) Dimethylphthalate	9.69	163	231715	3.873	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	105795	7.520	ng	# 32
57) 2,4-Dinitrotoluene	9.69	165	105795	5.982	ng	# 32
58) Fluorene	10.47	166	50071	Below Cal		# 94
67) 4-Bromophenyl-phenylether	10.47	248	73480	3.867	ng	# 1

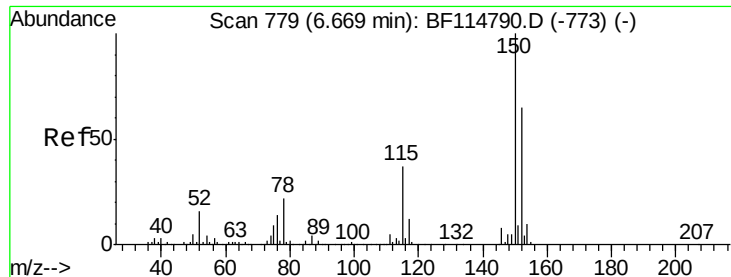
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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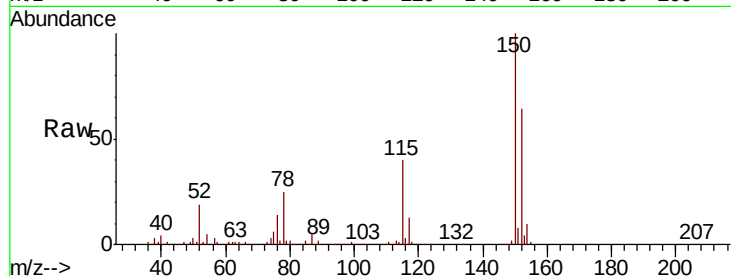


#1

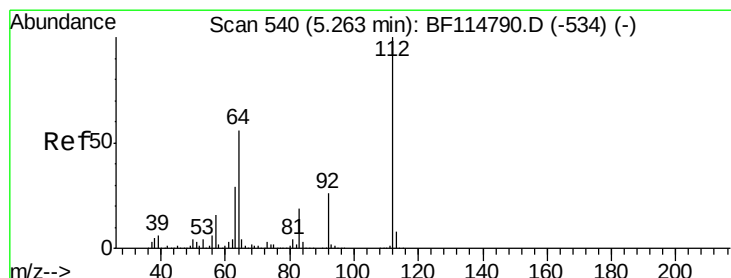
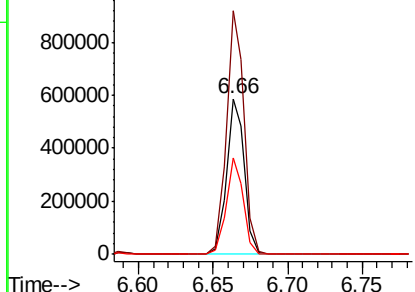
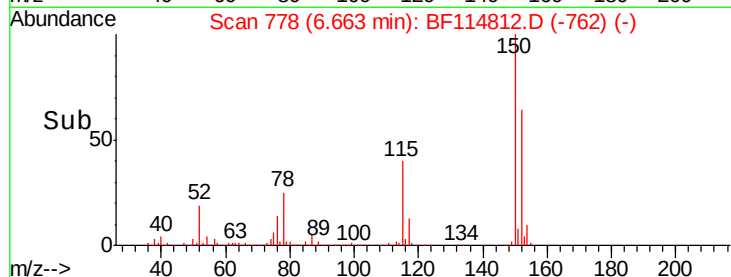
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114812.D
Acq: 5 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 492442
Ion Ratio Lower Upper
152 100
150 156.6 124.0 186.0
115 62.2 46.3 69.5



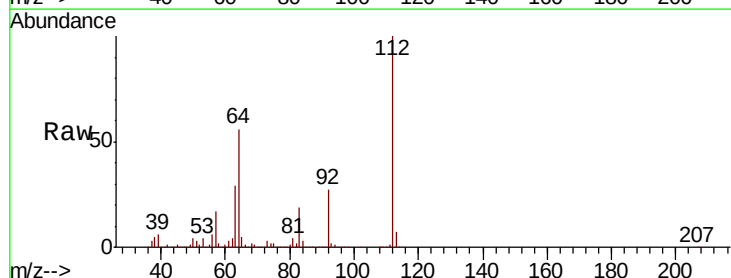
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



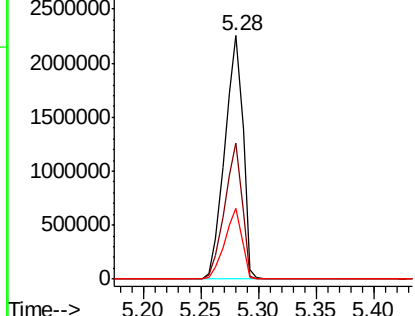
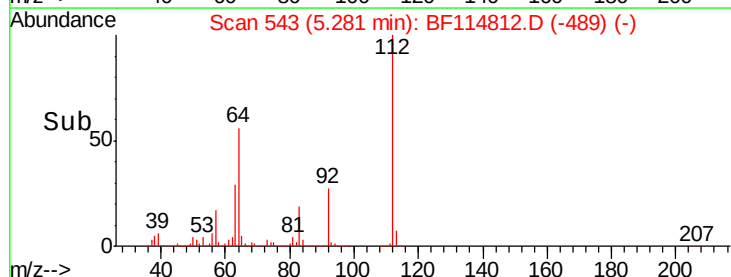
#5

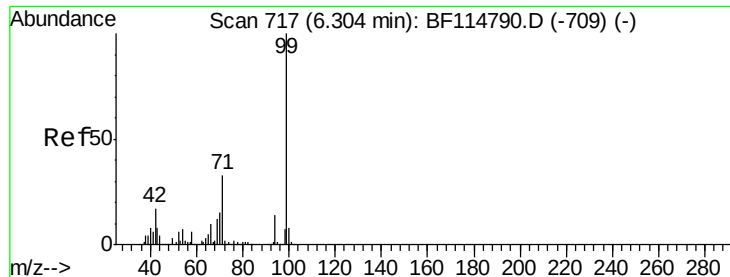
2-Fluorophenol
Concen: 87.194 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114812.D
Acq: 5 Jun 2019 11:19

Tgt Ion:112 Resp: 2457320
Ion Ratio Lower Upper
112 100
64 55.7 44.6 66.8
63 29.1 23.0 34.4



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: 91.222 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

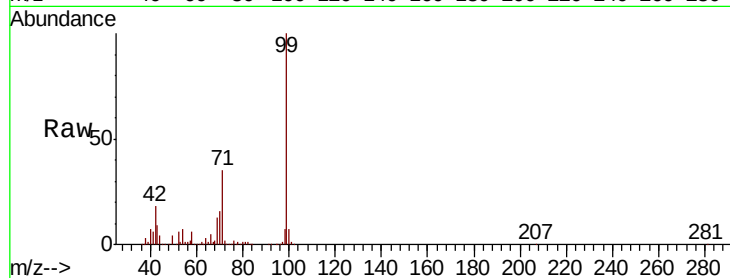
Tot Ion: 99 Resp: 3128185

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

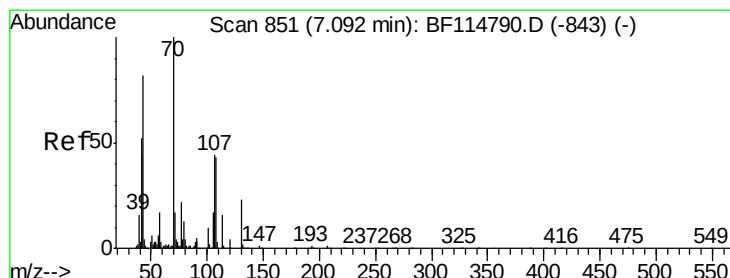
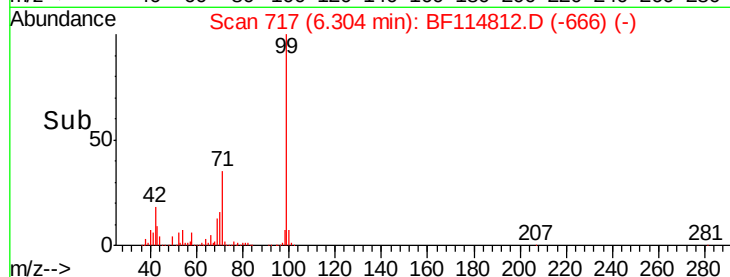
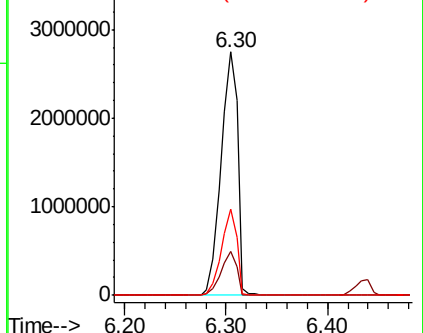
71 35.2 26.3 39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.509 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

Tgt Ion: 70 Resp: 329361

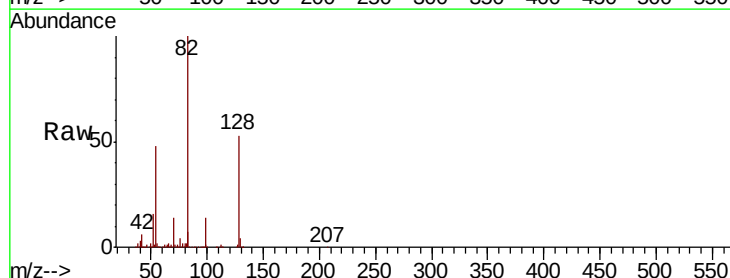
Ion Ratio Lower Upper

70 100

42 43.3 41.8 62.8

101 0.0 8.2 12.4#

130 2.4 18.5 27.7#

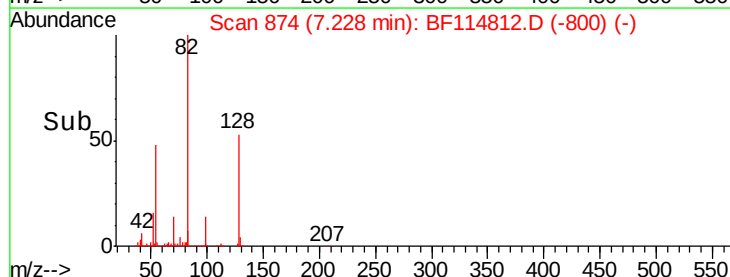
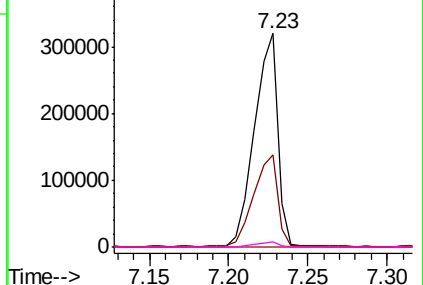


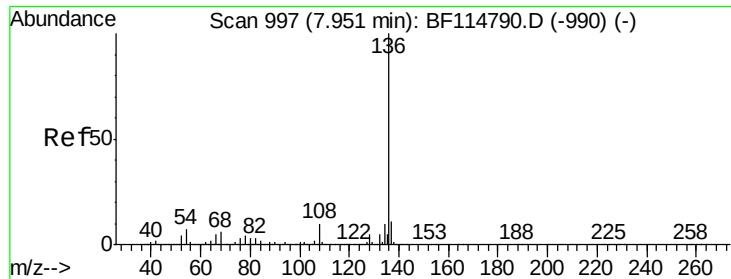
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

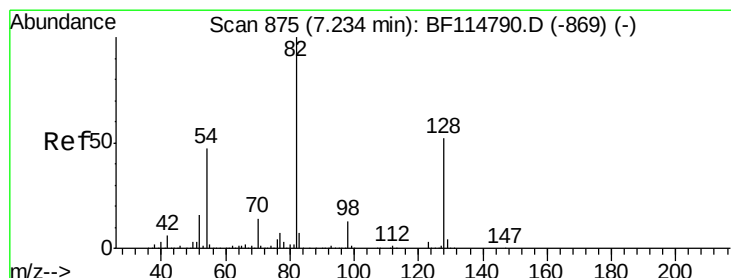
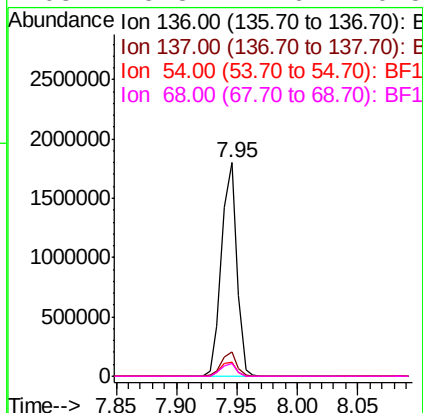
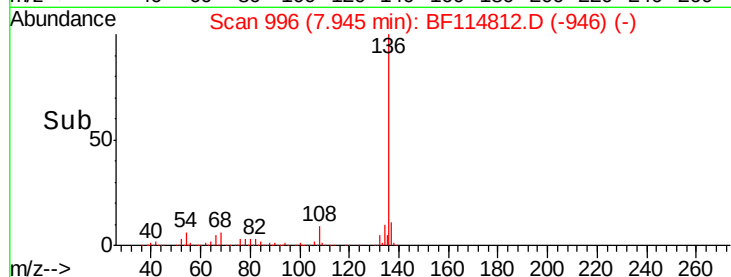
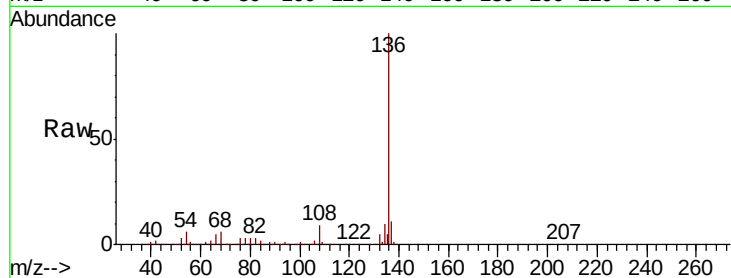




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114812.D
Acq: 5 Jun 2019 11:19

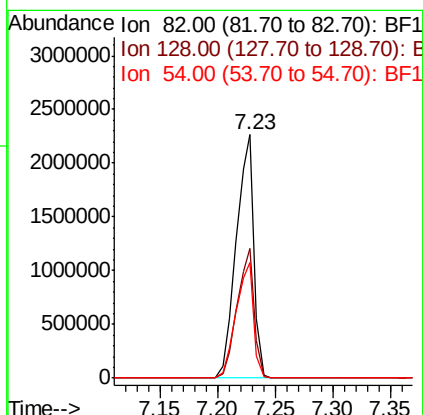
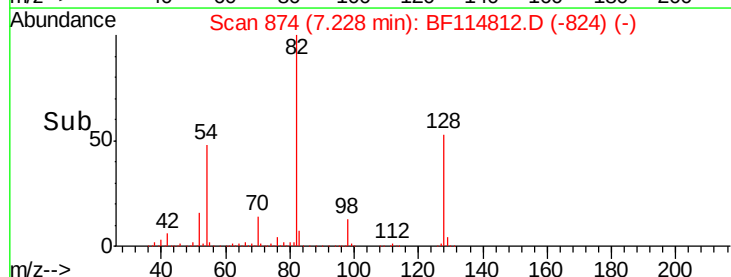
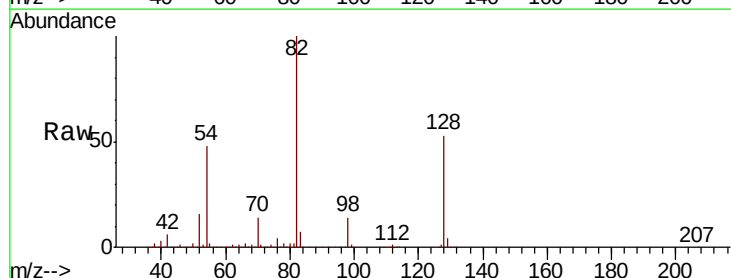
Instrument :
BNA_F
ClientSampleId :

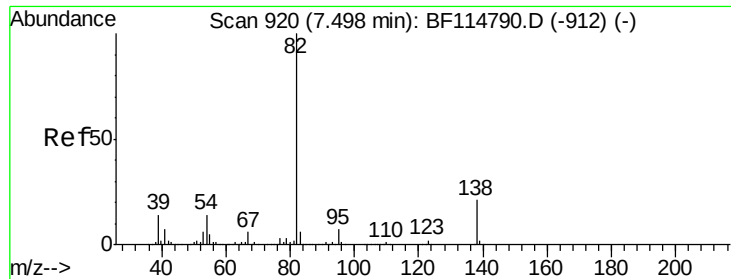
Tot Ion:136	Resp: 1581661
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 6.5	5.4 8.0
68 5.8	4.6 6.8



#23
Nitrobenzene-d5
Concen: 92.933 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114812.D
Acq: 5 Jun 2019 11:19

Tgt Ion: 82	Resp: 2387781
Ion Ratio	Lower Upper
82 100	
128 53.3	41.8 62.6
54 47.7	37.9 56.9





#25

Isophorone

Concen: 45.974 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

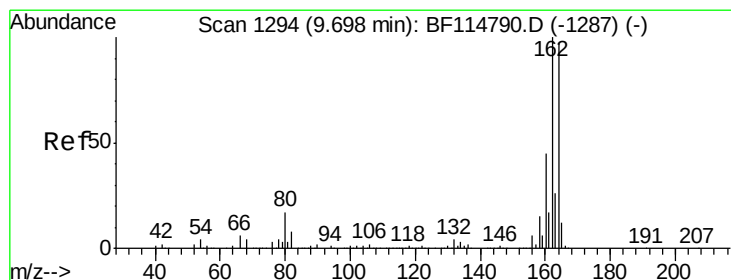
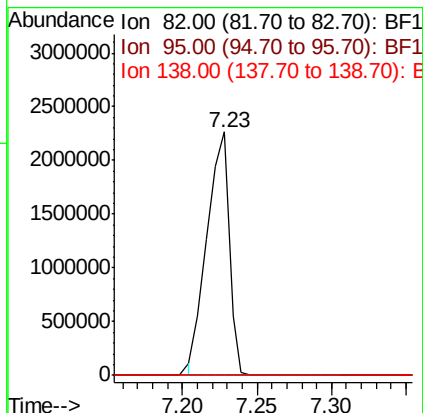
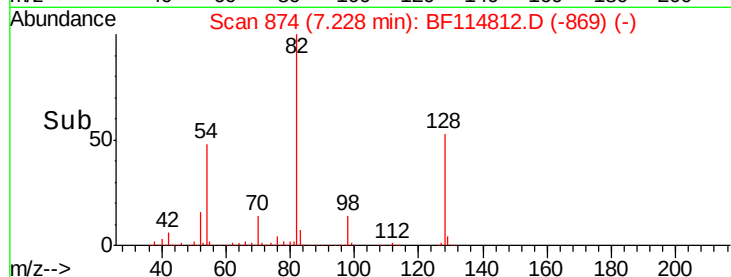
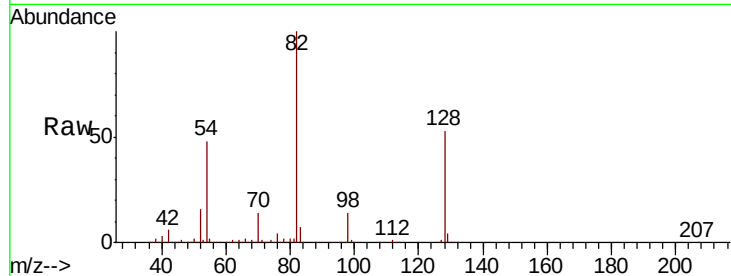
Tot Ion: 82 Resp: 2335252

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: BF114812.D

Acq: 5 Jun 2019 11:19

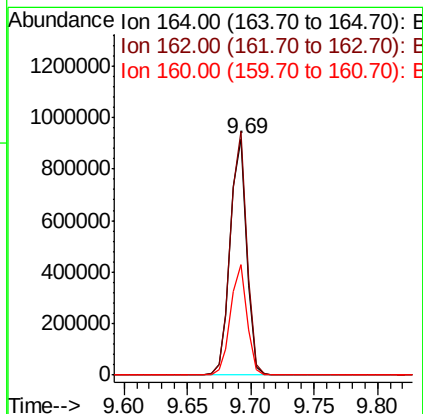
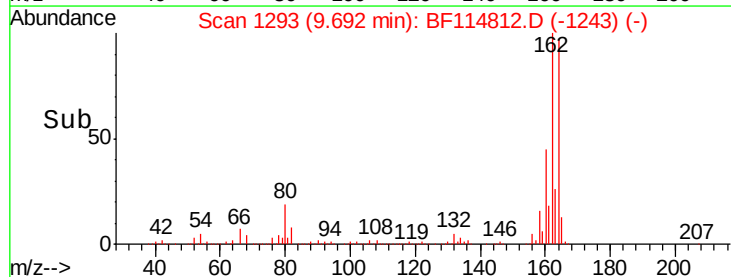
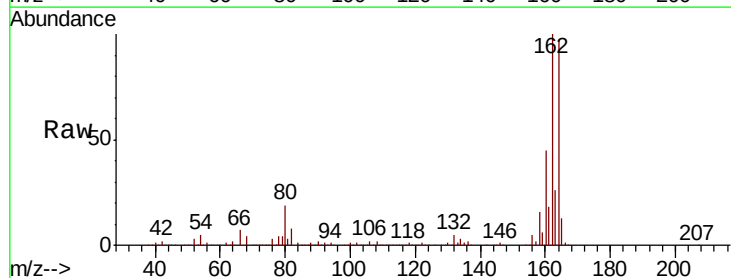
Tgt Ion: 164 Resp: 819069

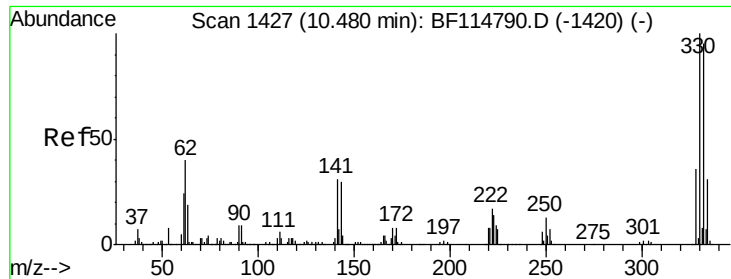
Ion Ratio Lower Upper

164 100

162 103.0 82.3 123.5

160 46.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 125.344 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

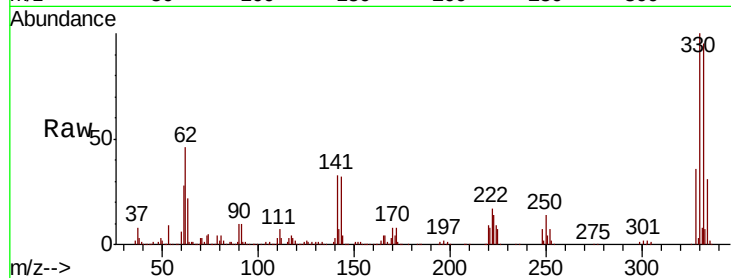
Tot Ion:330 Resp: 1106378

Ion Ratio Lower Upper

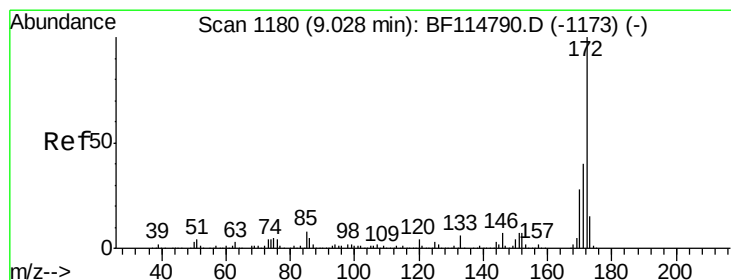
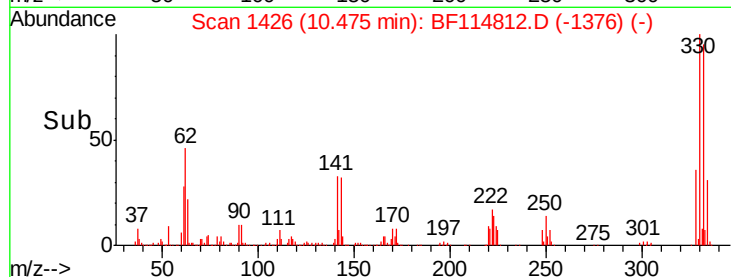
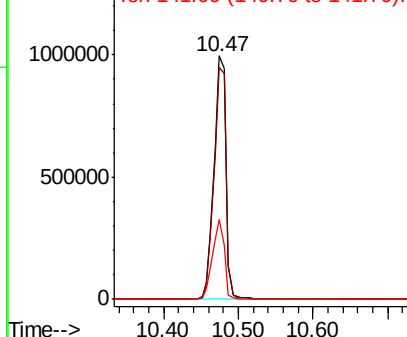
330 100

332 95.5 77.3 115.9

141 32.3 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: 87.491 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

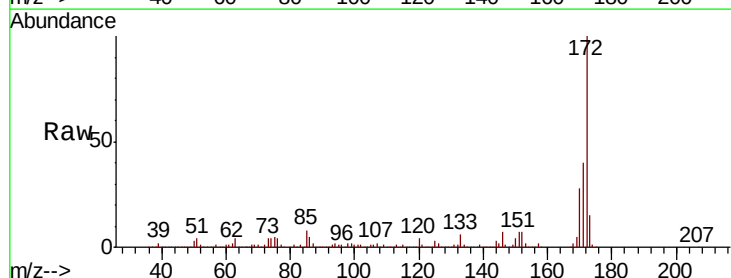
Tgt Ion:172 Resp: 3825436

Ion Ratio Lower Upper

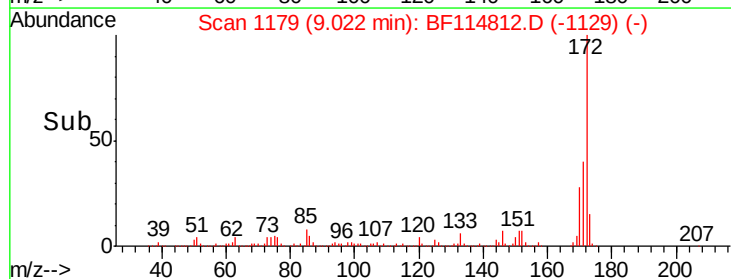
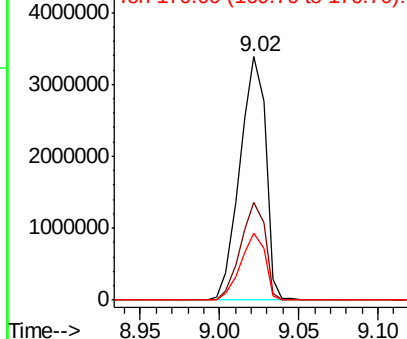
172 100

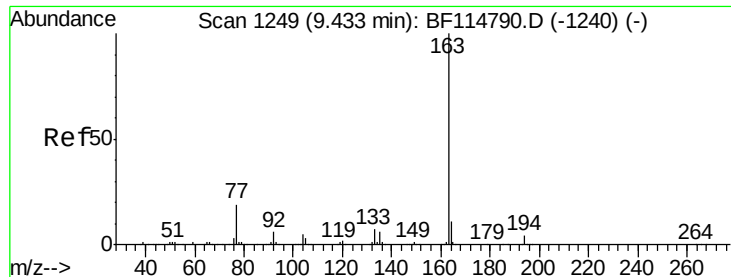
171 40.2 32.3 48.5

170 27.5 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

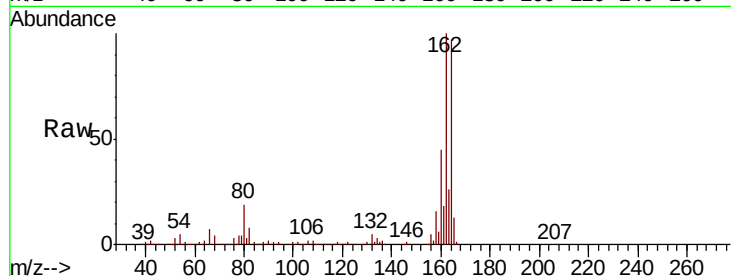




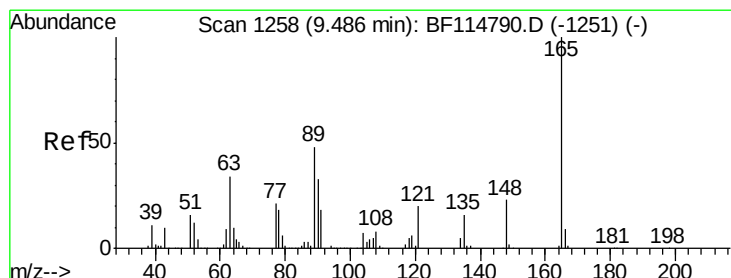
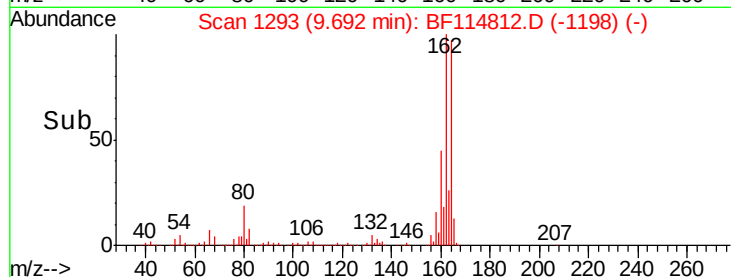
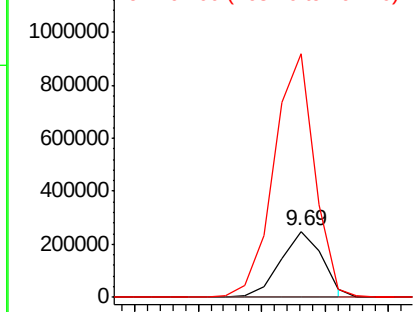
#50
Dimethylphthalate
Concen: 3.873 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.26 min
Lab File: BF114812.D
Acq: 5 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 231715
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 367.5 8.6 13.0#

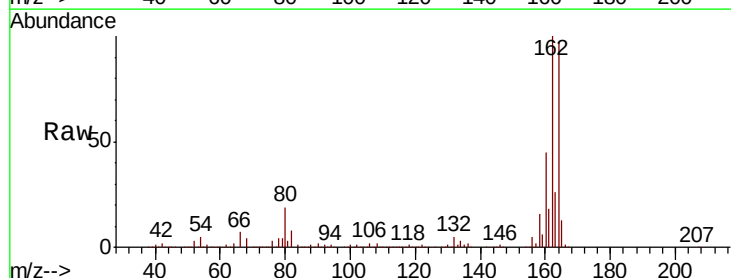


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

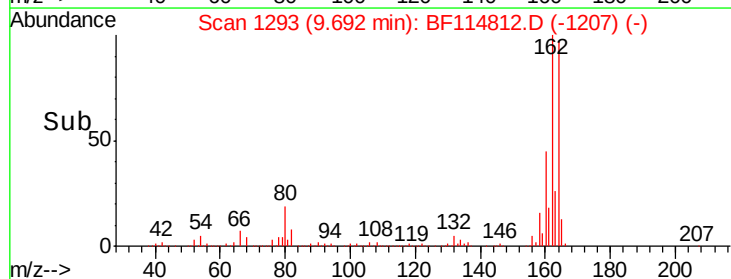
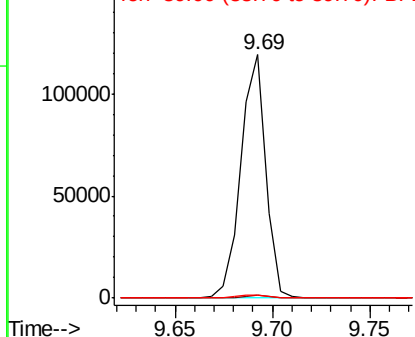


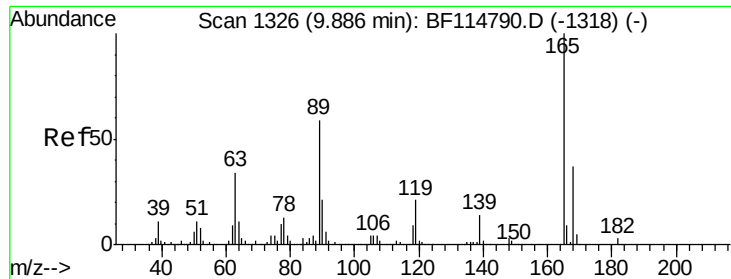
#51
2,6-Dinitrotoluene
Concen: 7.520 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.21 min
Lab File: BF114812.D
Acq: 5 Jun 2019 11:19

Tgt Ion:165 Resp: 105795
Ion Ratio Lower Upper
165 100
63 1.1 35.1 52.7#
89 1.3 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

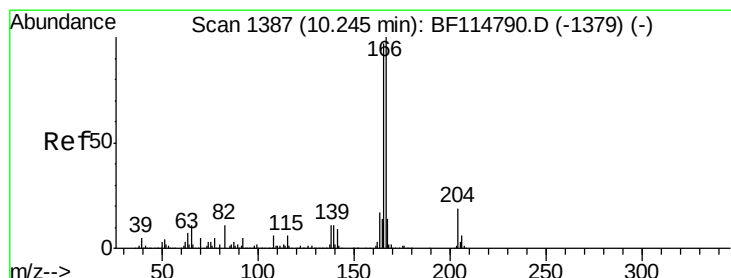
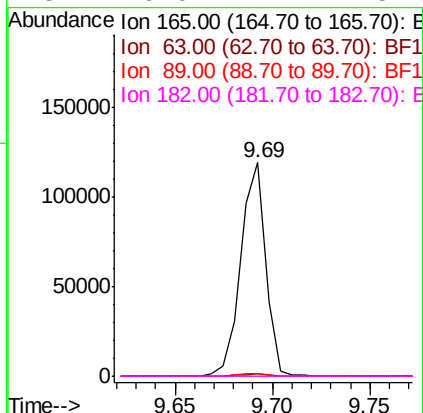
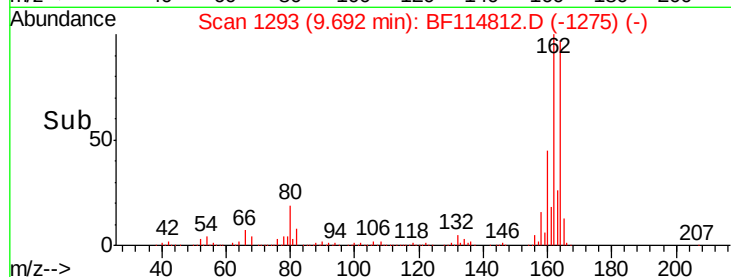
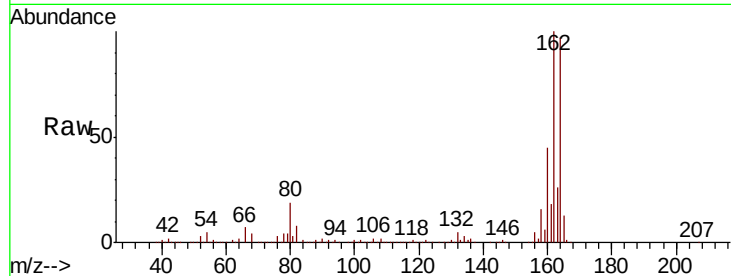




#57
 2,4-Dinitrotoluene
 Concen: 5.982 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.19 min
 Lab File: BF114812.D
 Acq: 5 Jun 2019 11:19

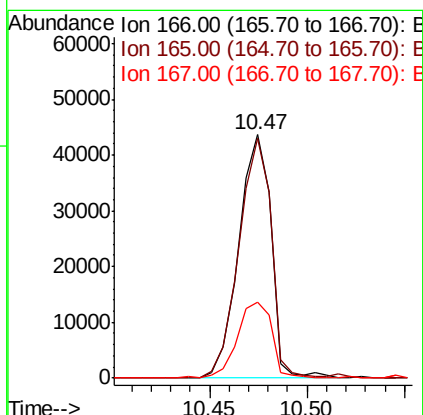
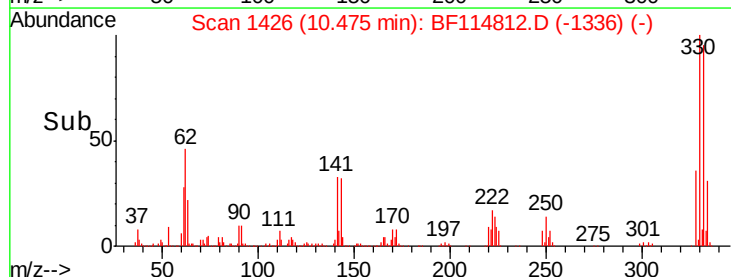
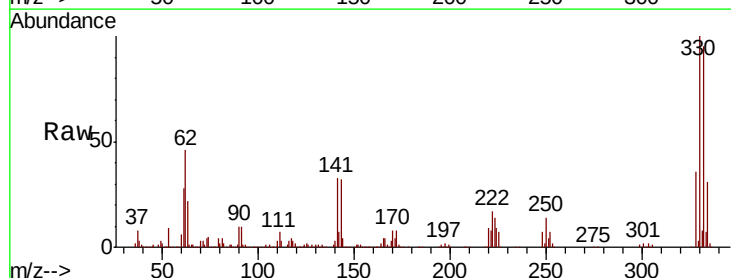
Instrument :
 BNA_F
 ClientSampleId :

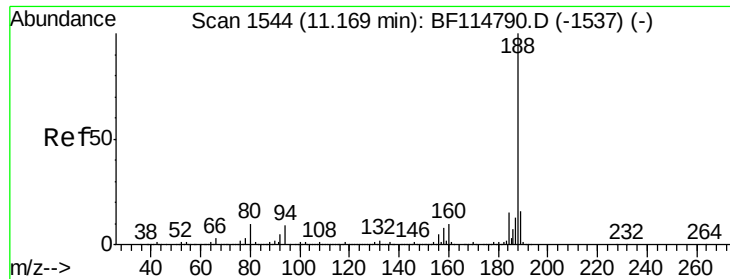
Tot Ion:165	Resp:	105795
Ion Ratio	Lower	Upper
165	100	
63	1.1	27.0 40.4#
89	1.3	47.0 70.6#
182	0.0	2.2 3.2#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.23 min
 Lab File: BF114812.D
 Acq: 5 Jun 2019 11:19

Tgt Ion:166	Resp:	50071
Ion Ratio	Lower	Upper
166	100	
165	98.6	77.9 116.9
167	31.1	11.3 16.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

Instrument :

BNA_F

ClientSampled :

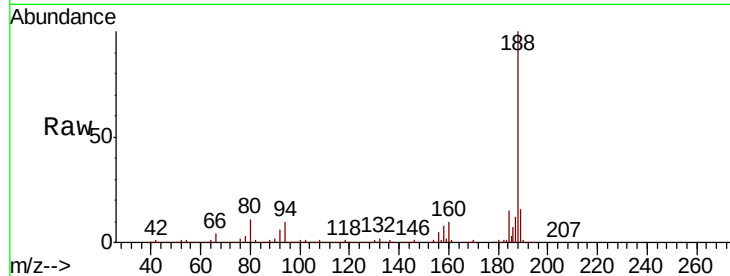
Tot Ion:188 Resp: 1672951

Ion Ratio Lower Upper

188 100

94 10.5 7.6 11.4

80 11.1 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

2500000

2000000

1500000

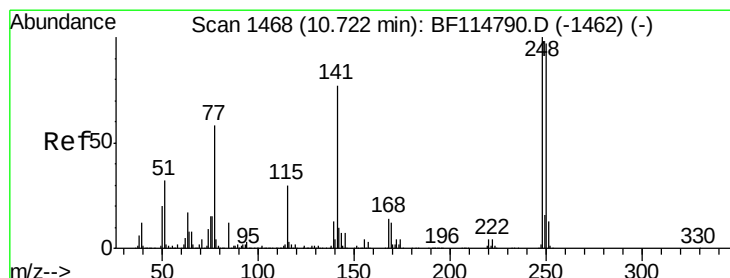
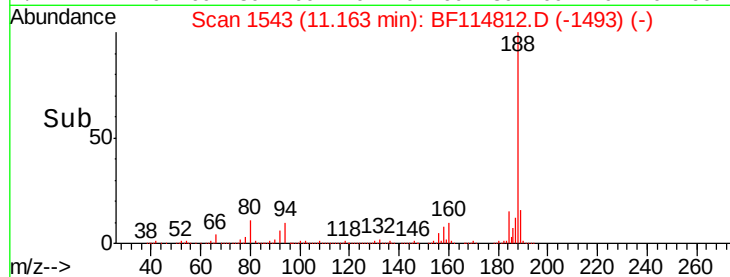
1000000

500000

0

11.10 11.15 11.20

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.867 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.25 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

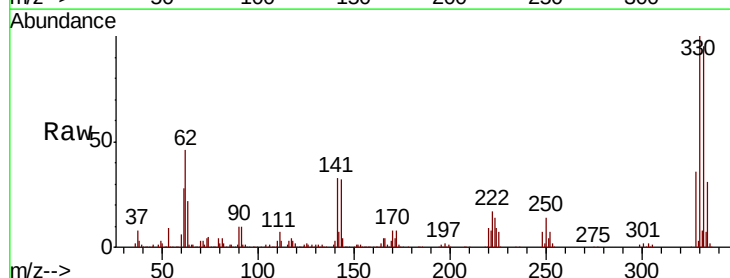
Tgt Ion:248 Resp: 73480

Ion Ratio Lower Upper

248 100

250 196.6 77.5 116.3#

141 476.9 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

400000

300000

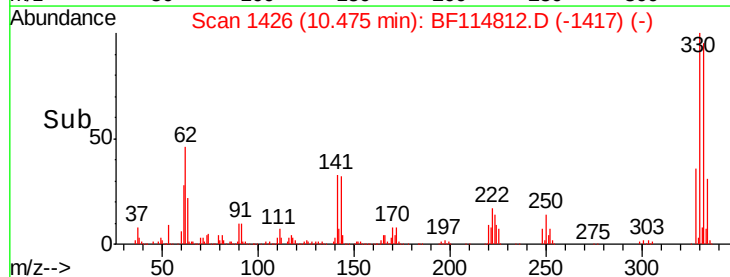
200000

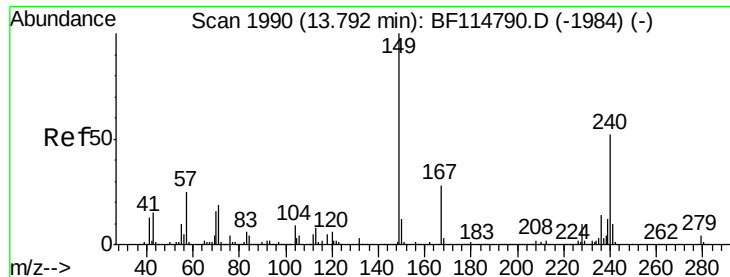
100000

0

10.40 10.45 10.50 10.55

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

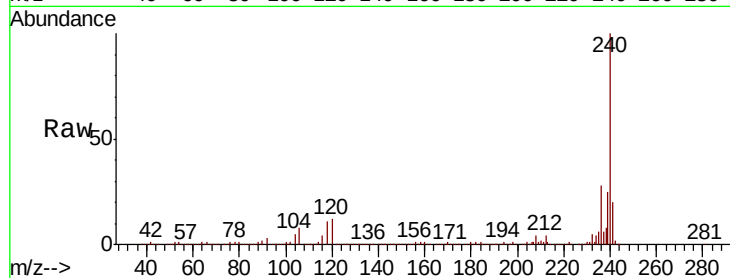
Tot Ion:240 Resp: 1447096

Ion Ratio Lower Upper

240 100

120 12.3 9.0 13.4

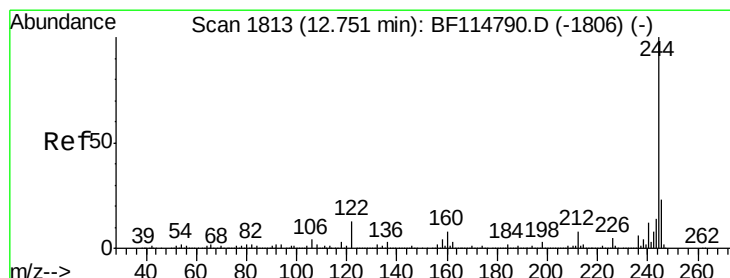
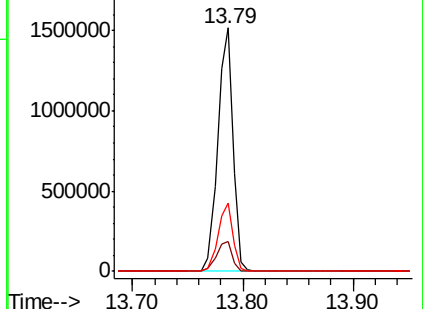
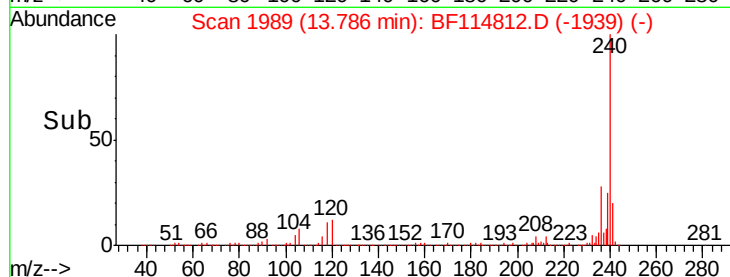
236 28.0 21.4 32.0



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: 63.390 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

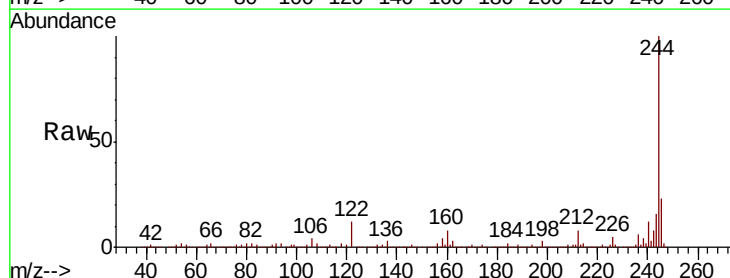
Tgt Ion:244 Resp: 4716847

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

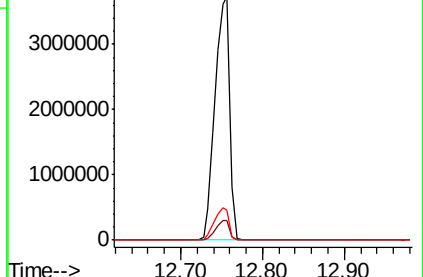
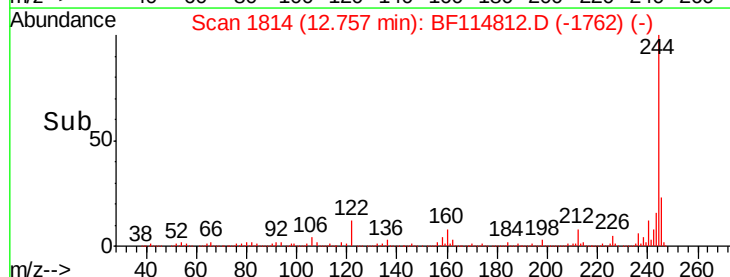
122 12.3 10.5 15.7

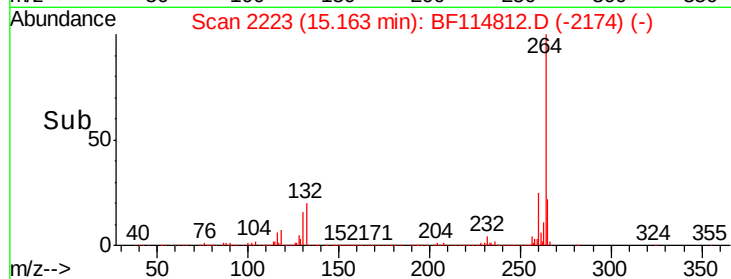
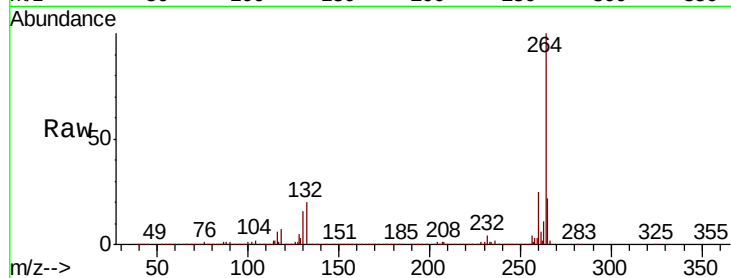
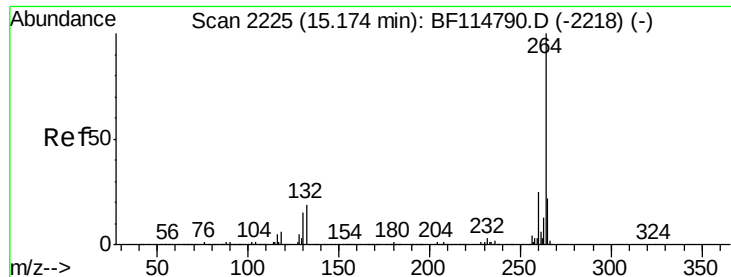


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.16 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF114812.D
 Acq: 5 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 1437085

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.3	17.7	26.5

