

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114851.D
 Acq On : 6 Jun 2019 9:58
 Operator : HP/JU
 Sample : K3151-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-060419-C

Quant Time: Jun 06 23:58:36 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

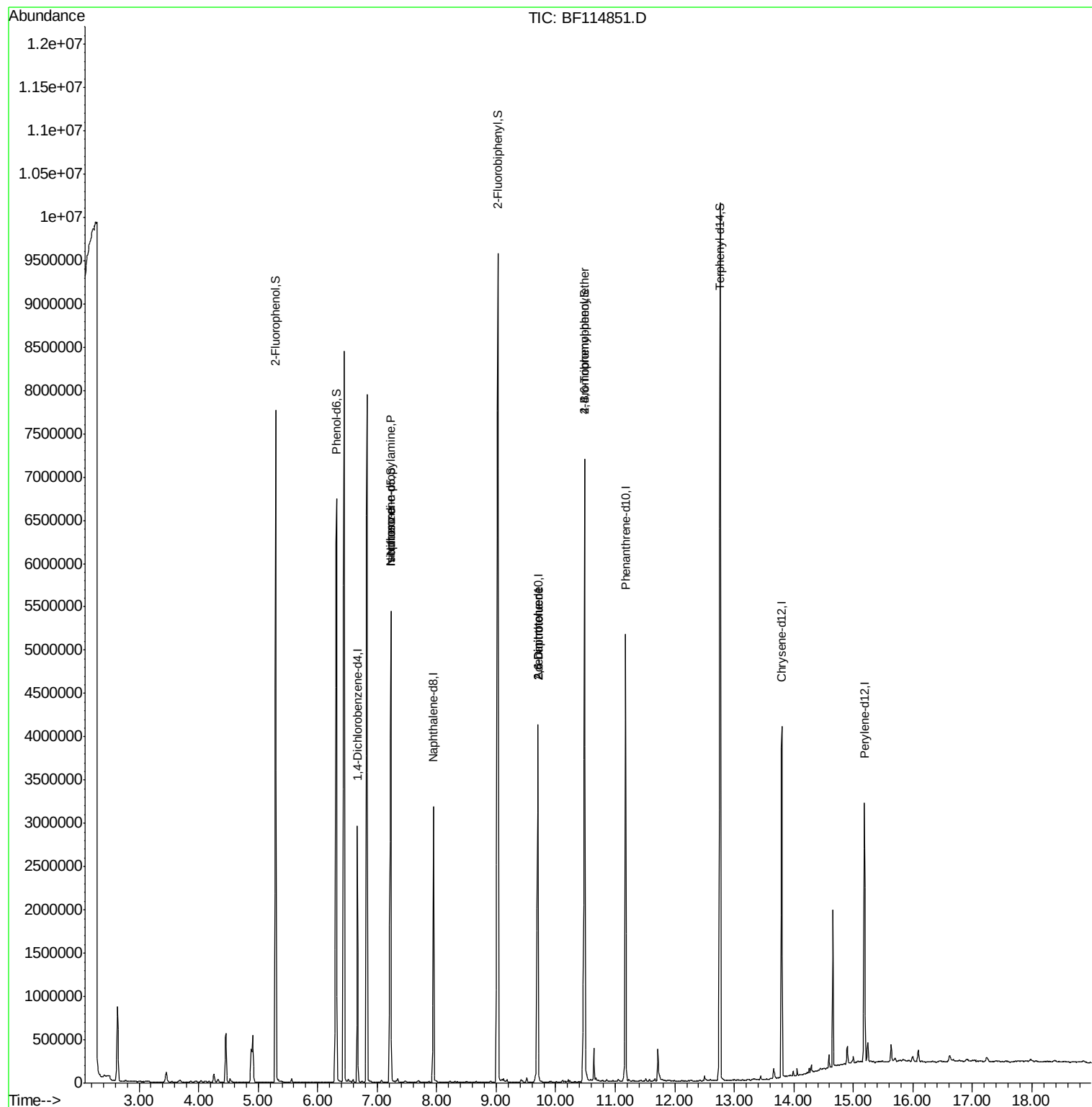
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	466119	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1854927	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	975305	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1919797	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1419017	20.00	ng	0.00
87) Perylene-d12	15.19	264	1332459	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2760836	103.50	ng	0.04
7) Phenol-d6	6.32	99	3085050	95.04	ng	0.01
23) Nitrobenzene-d5	7.23	82	2485057	82.47	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1267549	120.60	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4635794	89.04	ng	0.00
79) Terphenyl-d14	12.76	244	4802774	65.82	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	337889	15.726	ng	# 78
25) Isophorone	7.23	82	2361524	39.642	ng	# 61
51) 2,6-Dinitrotoluene	9.70	165	126816	7.570	ng	# 32
57) 2,4-Dinitrotoluene	9.70	165	126816	6.022	ng	# 32
58) Fluorene	10.24	166	4102	Below Cal		96
67) 4-Bromophenyl-phenylether	10.49	248	82256	3.773	ng	# 1

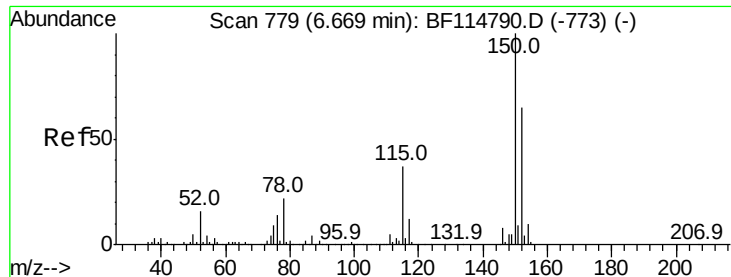
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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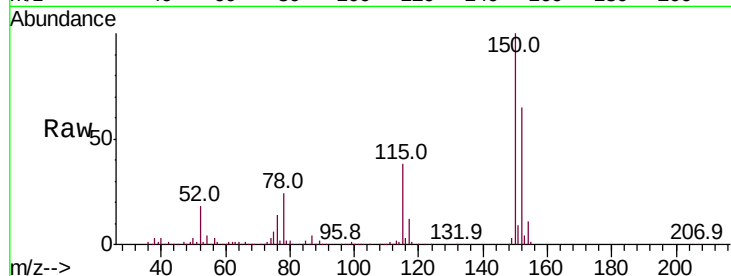


#1

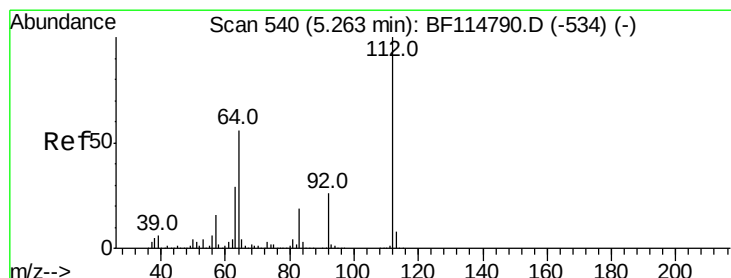
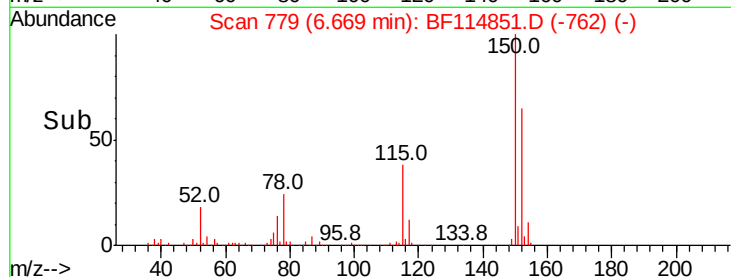
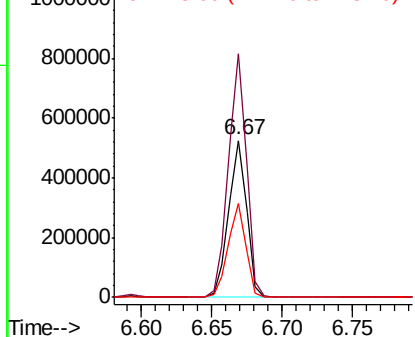
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114851.D
Acq: 6 Jun 2019 9:58

Instrument :
BNA_F
ClientSampleId :
AU-06-060419-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.0	186.0
115	59.6	46.3	69.5



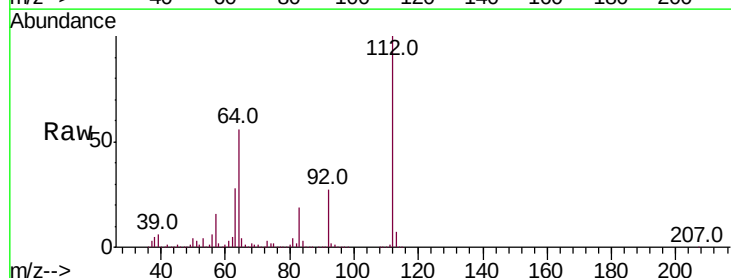
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



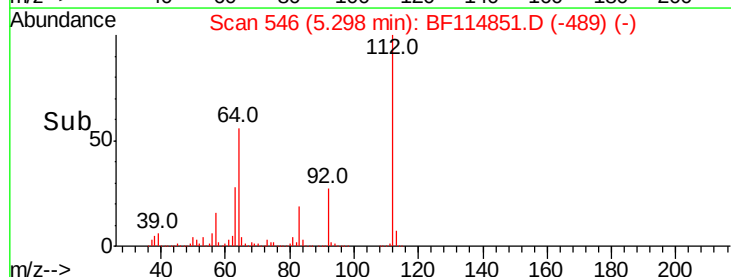
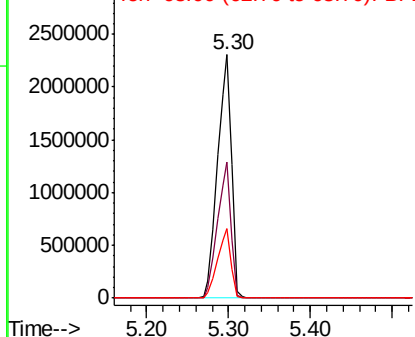
#5

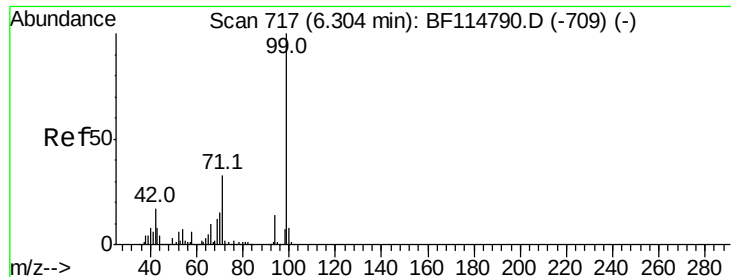
2-Fluorophenol
Concen: 103.496 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114851.D
Acq: 6 Jun 2019 9:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.6	66.8
63	28.5	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: 95.044 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-C

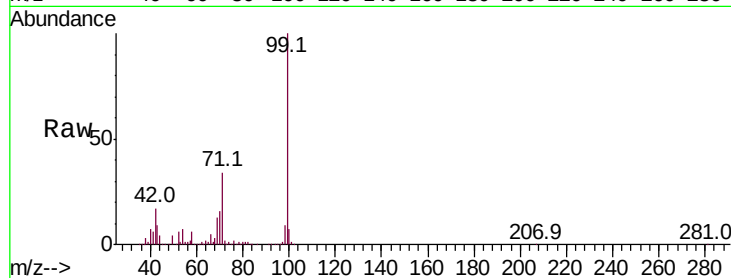
Tot Ion: 99 Resp: 3085050

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

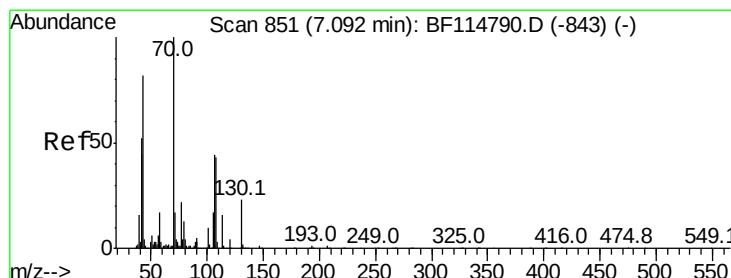
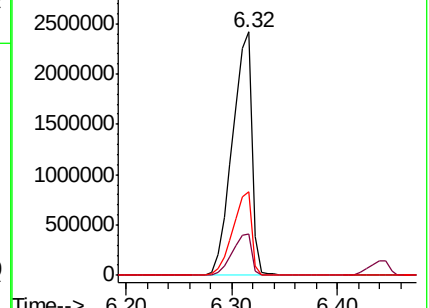
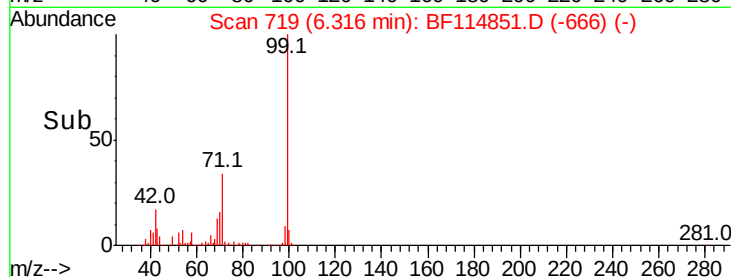
71 34.3 26.3 39.5



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: 15.726 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Tgt Ion: 70 Resp: 337889

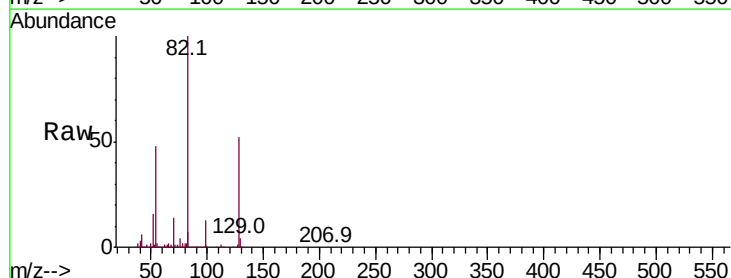
Ion Ratio Lower Upper

70 100

42 43.4 41.8 62.8

101 0.0 8.2 12.4#

130 2.4 18.5 27.7#

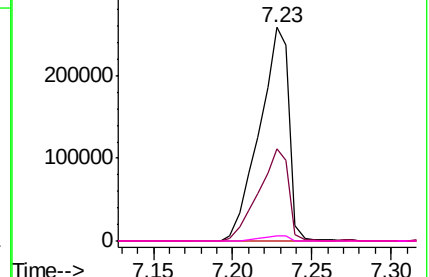
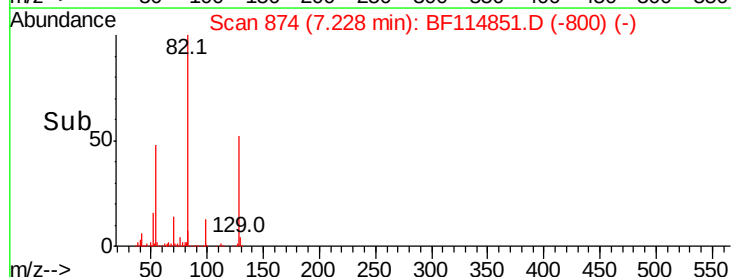


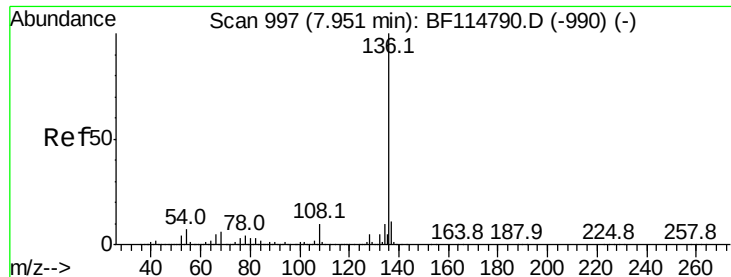
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

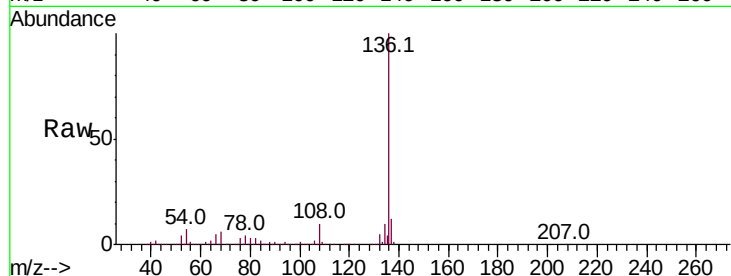




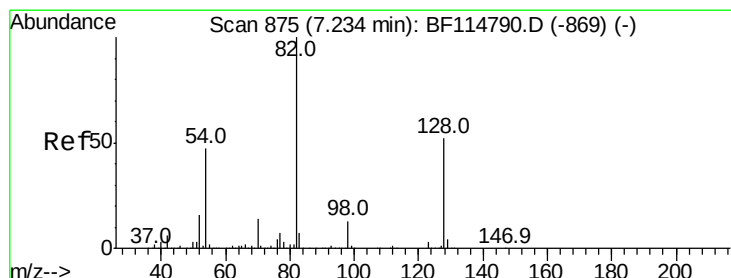
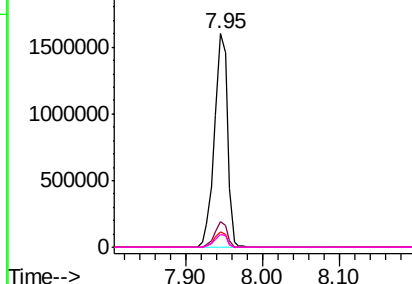
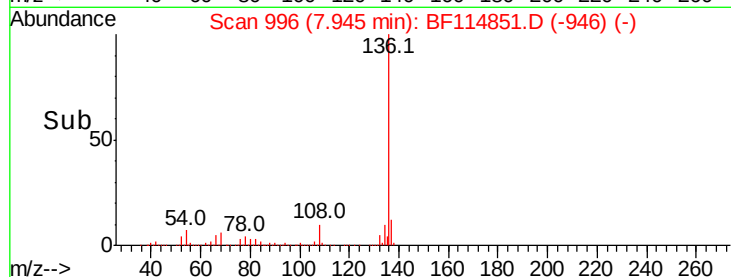
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114851.D
Acq: 6 Jun 2019 9:58

Instrument :
BNA_F
ClientSampleId :
AU-06-060419-C

Tot Ion:	136	Resp:	1854927
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.1	5.4	8.0
68	6.2	4.6	6.8

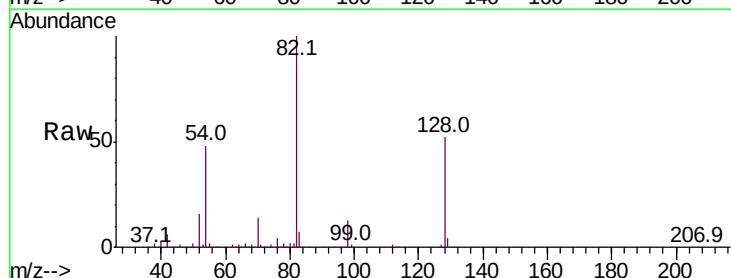


Abundance Ion 136.00 (135.70 to 136.70): E
2500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

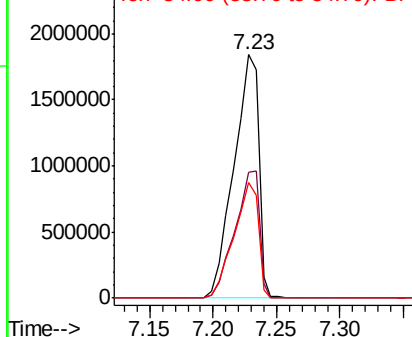
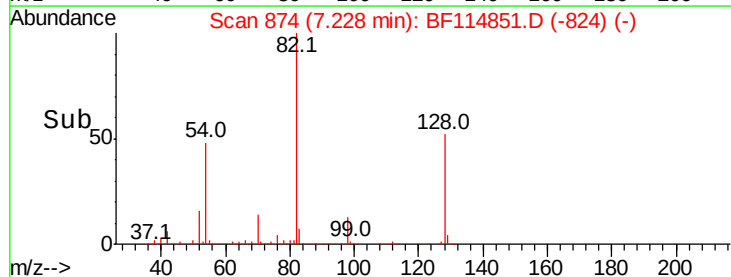


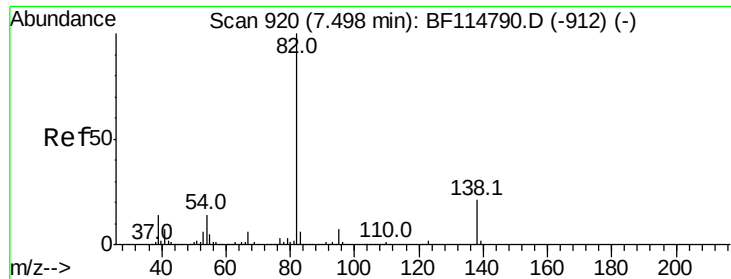
#23
Nitrobenzene-d5
Concen: 82.470 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114851.D
Acq: 6 Jun 2019 9:58

Tgt Ion:	82	Resp:	2485057
Ion	Ratio	Lower	Upper
82	100		
128	51.7	41.8	62.6
54	47.5	37.9	56.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.642 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-C

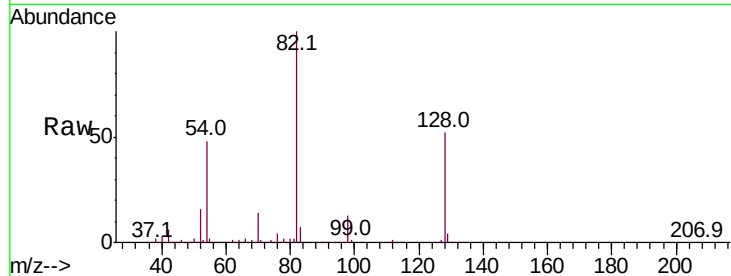
Tot Ion: 82 Resp: 2361524

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

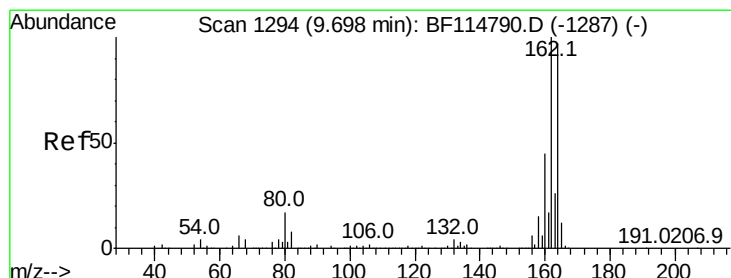
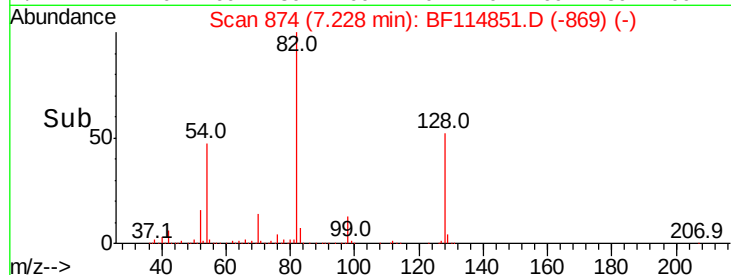
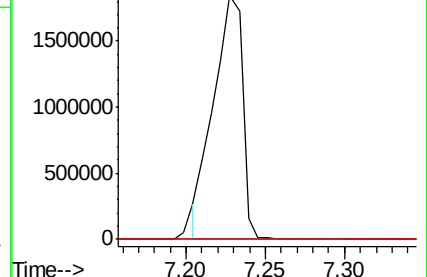
138 0.0 16.9 25.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

2500000 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: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

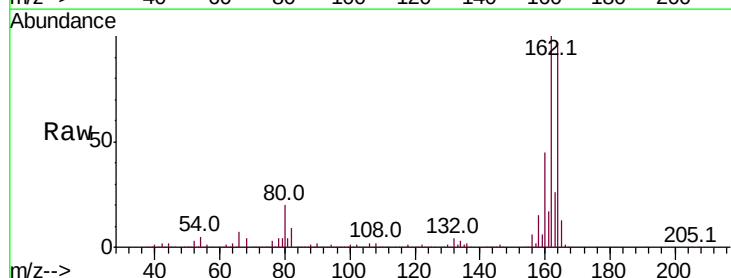
Tgt Ion: 164 Resp: 975305

Ion Ratio Lower Upper

164 100

162 102.6 82.3 123.5

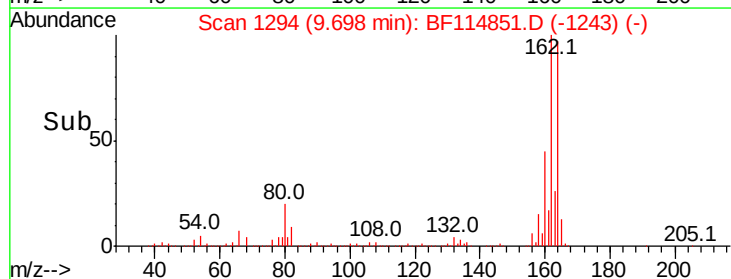
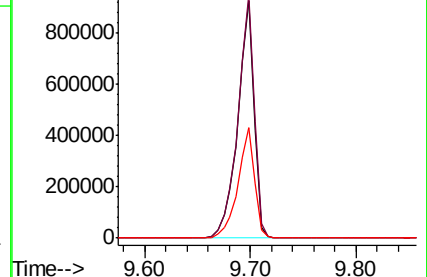
160 46.7 36.7 55.1

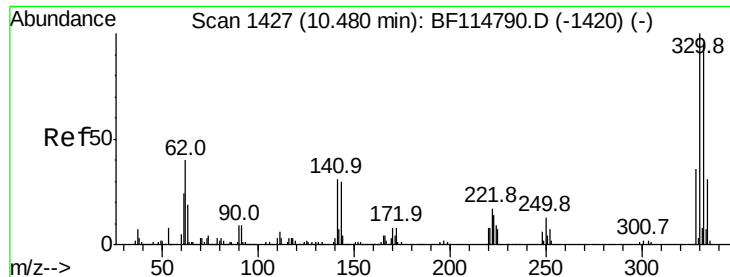


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 120.599 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-C

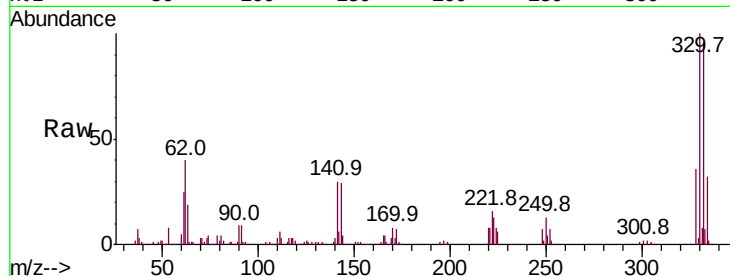
Tot Ion:330 Resp: 1267549

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

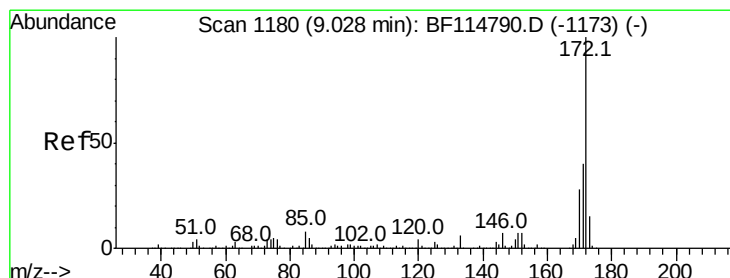
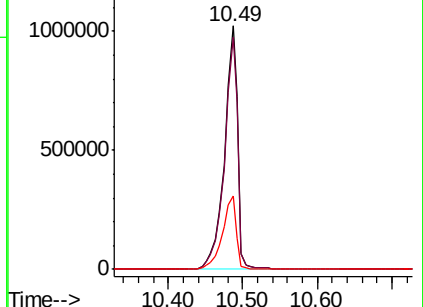
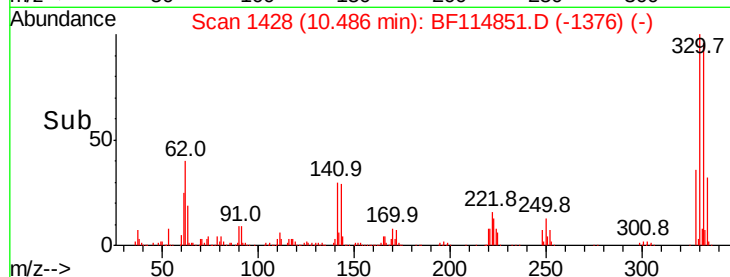
141 31.7 26.2 39.4



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: 89.040 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

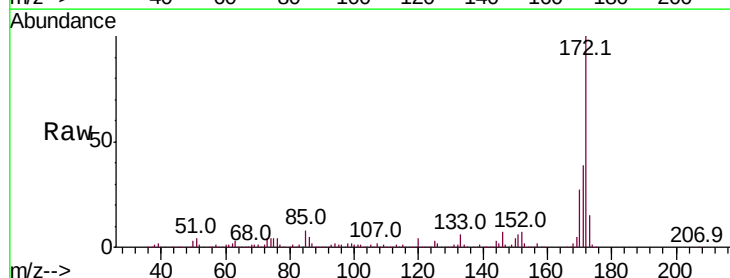
Tgt Ion:172 Resp: 4635794

Ion Ratio Lower Upper

172 100

171 38.9 32.3 48.5

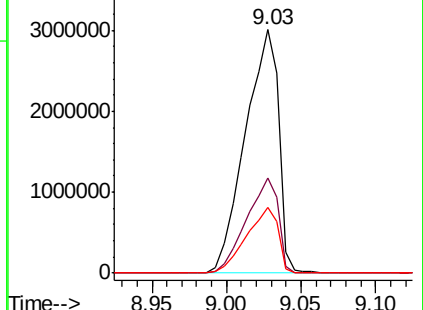
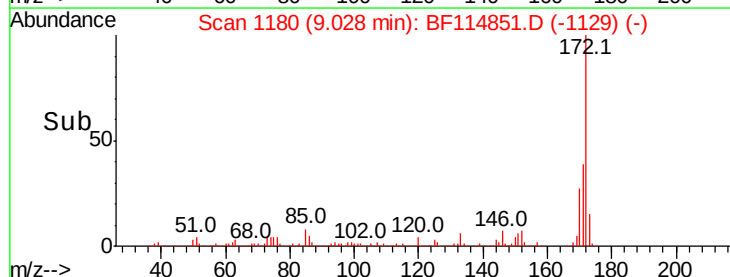
170 26.8 22.4 33.6

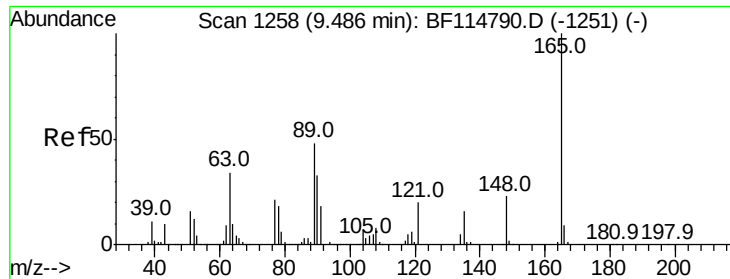


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

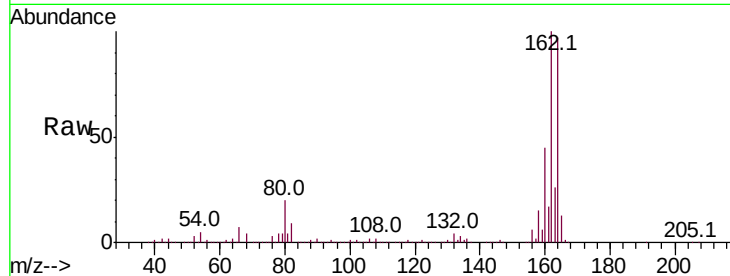




#51
 2,6-Dinitrotoluene
 Concen: 7.570 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.21 min
 Lab File: BF114851.D
 Acq: 6 Jun 2019 9:58

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-060419-C

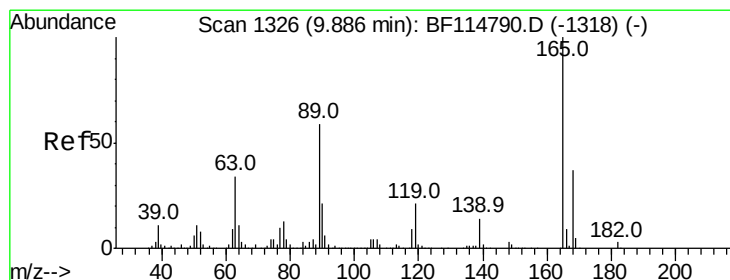
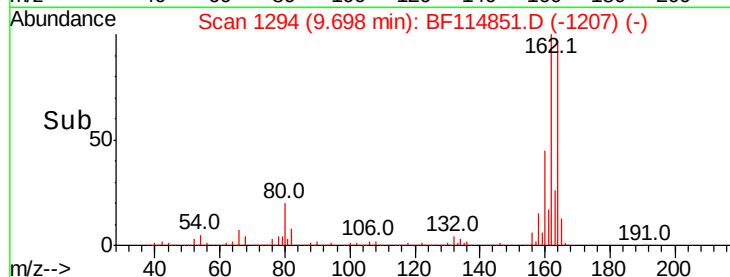
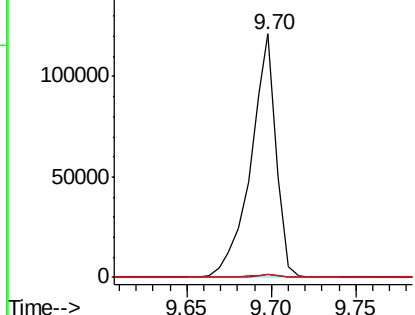
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.1	52.7#
89	1.3	38.2	57.2#



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: 6.022 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.19 min
 Lab File: BF114851.D
 Acq: 6 Jun 2019 9:58

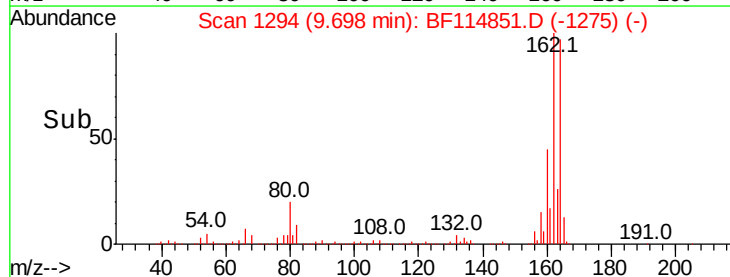
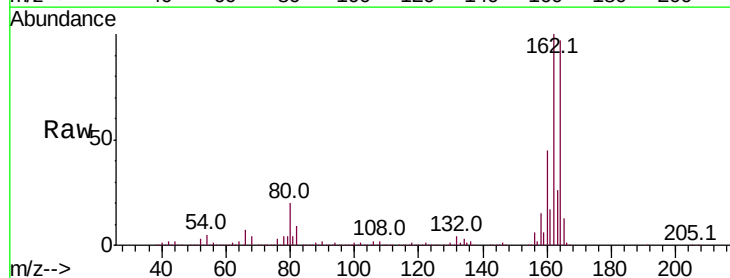
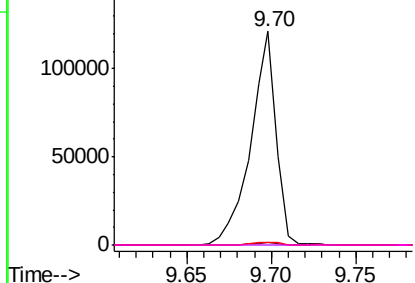
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.0	40.4#
89	1.3	47.0	70.6#
182	0.0	2.2	3.2#

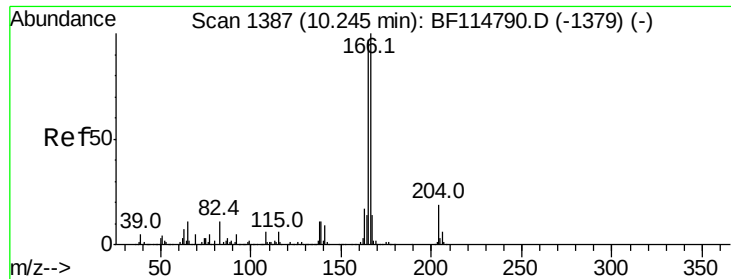
Abundance Ion 165.00 (164.70 to 165.70): E

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

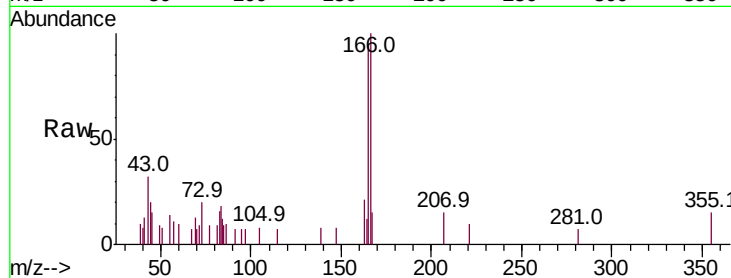




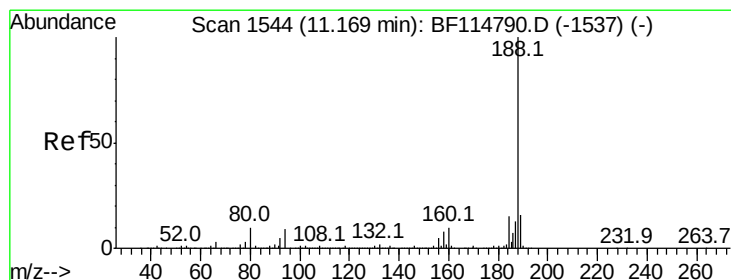
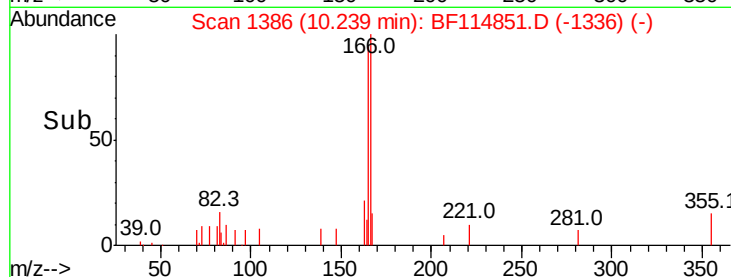
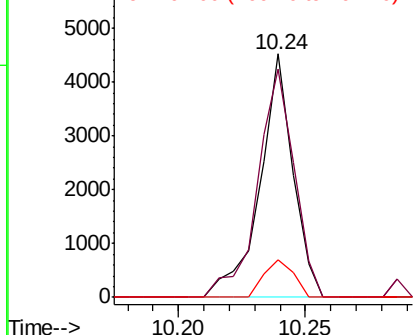
#58
 Fluorene
 Concen: Below Cal
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF114851.D
 Acq: 6 Jun 2019 9:58

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-060419-C

Tot Ion:166 Resp: 4102
 Ion Ratio Lower Upper
 166 100
 165 93.7 77.9 116.9
 167 15.2 11.3 16.9

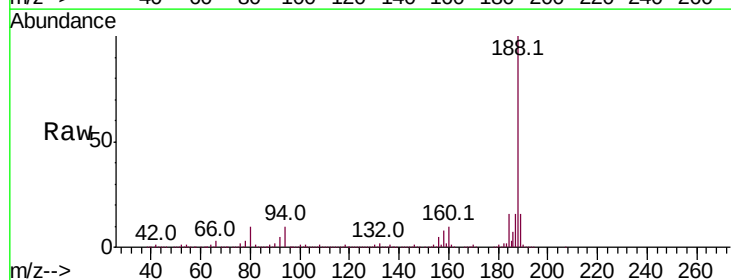


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

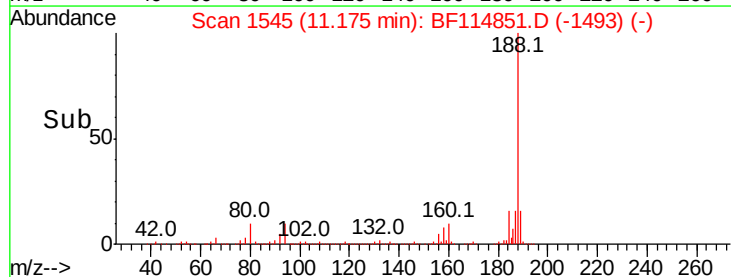
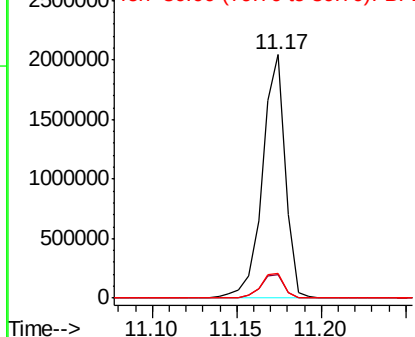


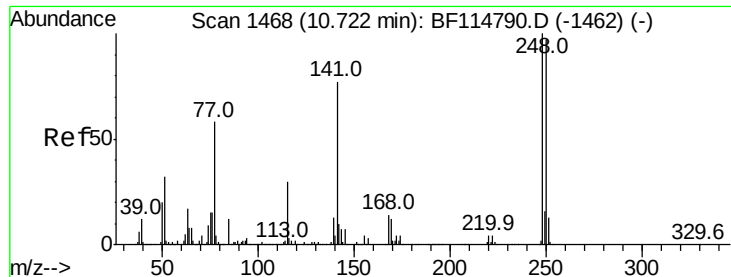
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF114851.D
 Acq: 6 Jun 2019 9:58

Tgt Ion:188 Resp: 1919797
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.6 11.4
 80 10.2 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: 3.773 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.24 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-C

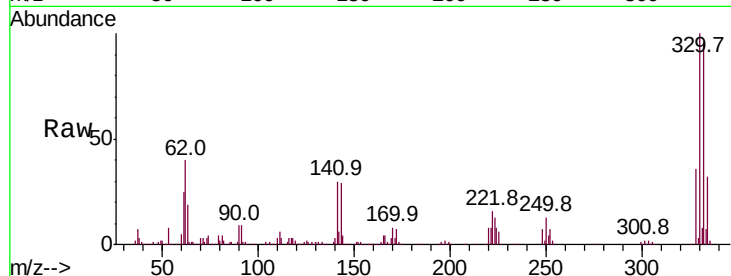
Tot Ion:248 Resp: 82256

Ion Ratio Lower Upper

248 100

250 200.8 77.5 116.3#

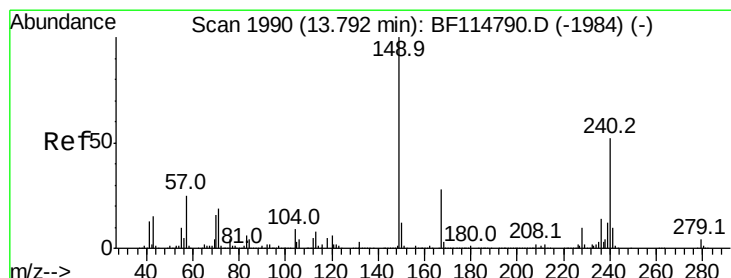
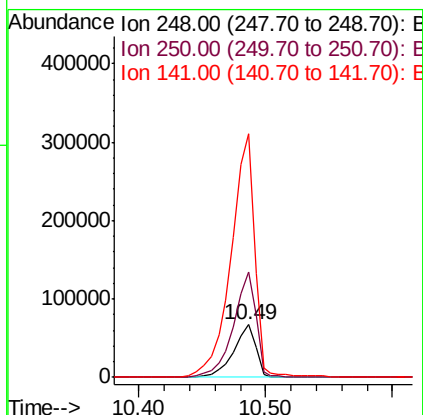
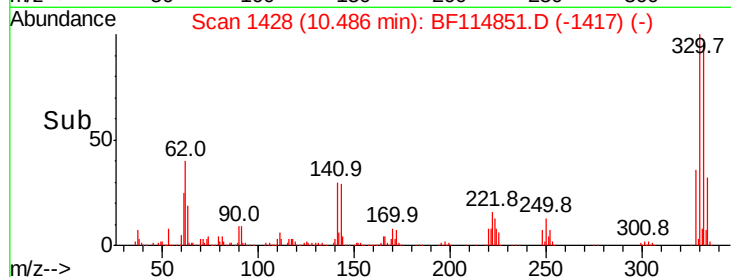
141 461.2 61.8 92.8#



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: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

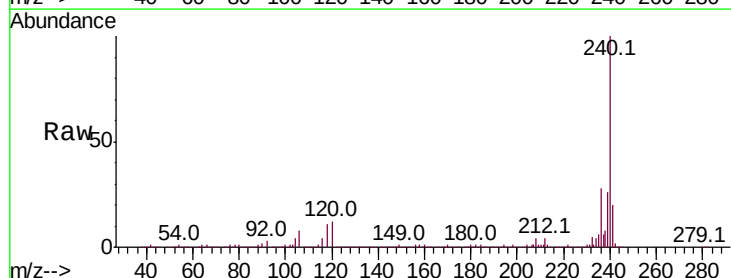
Tgt Ion:240 Resp: 1419017

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

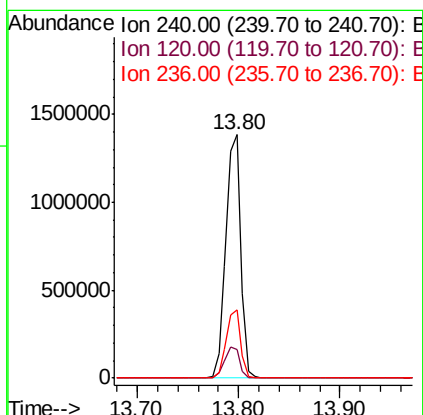
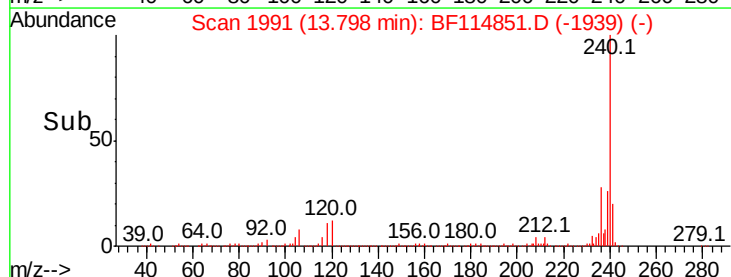
236 27.8 21.4 32.0

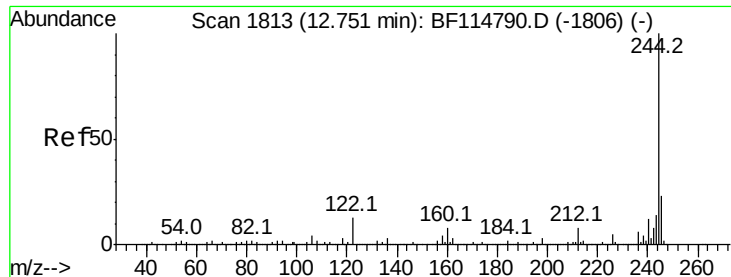


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.822 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-C

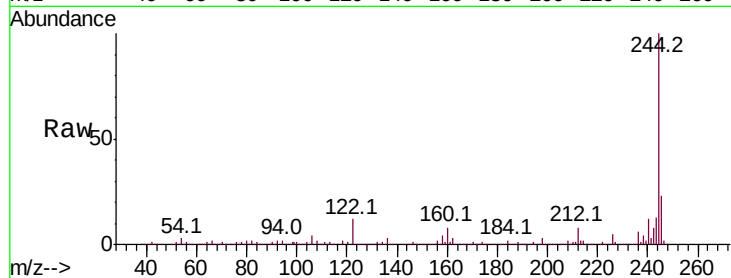
Tot Ion:244 Resp: 4802774

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

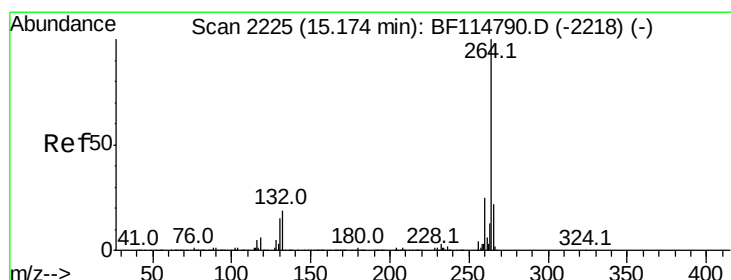
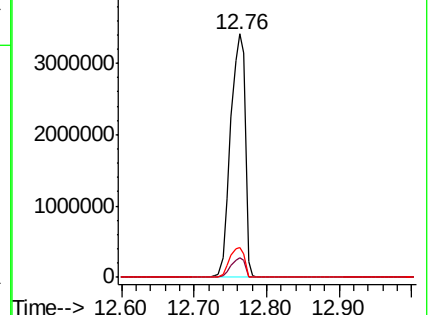
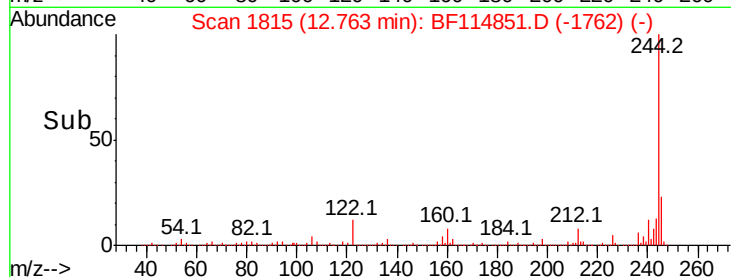
122 12.4 10.5 15.7



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

Perylene-d12

Concen: 20.000 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BF114851.D

Acq: 6 Jun 2019 9:58

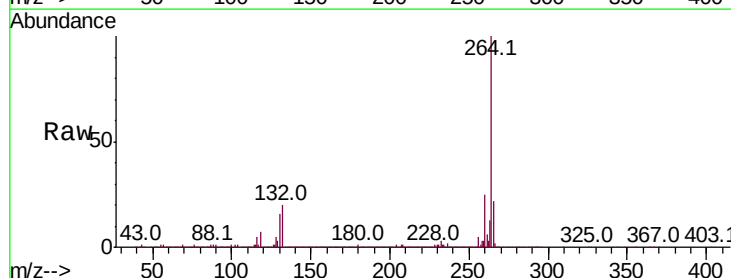
Tgt Ion:264 Resp: 1332459

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 22.4 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

