

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114854.D
 Acq On : 6 Jun 2019 11:17
 Operator : HP/JU
 Sample : K3163-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-060419-A

Quant Time: Jun 06 23:59:05 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

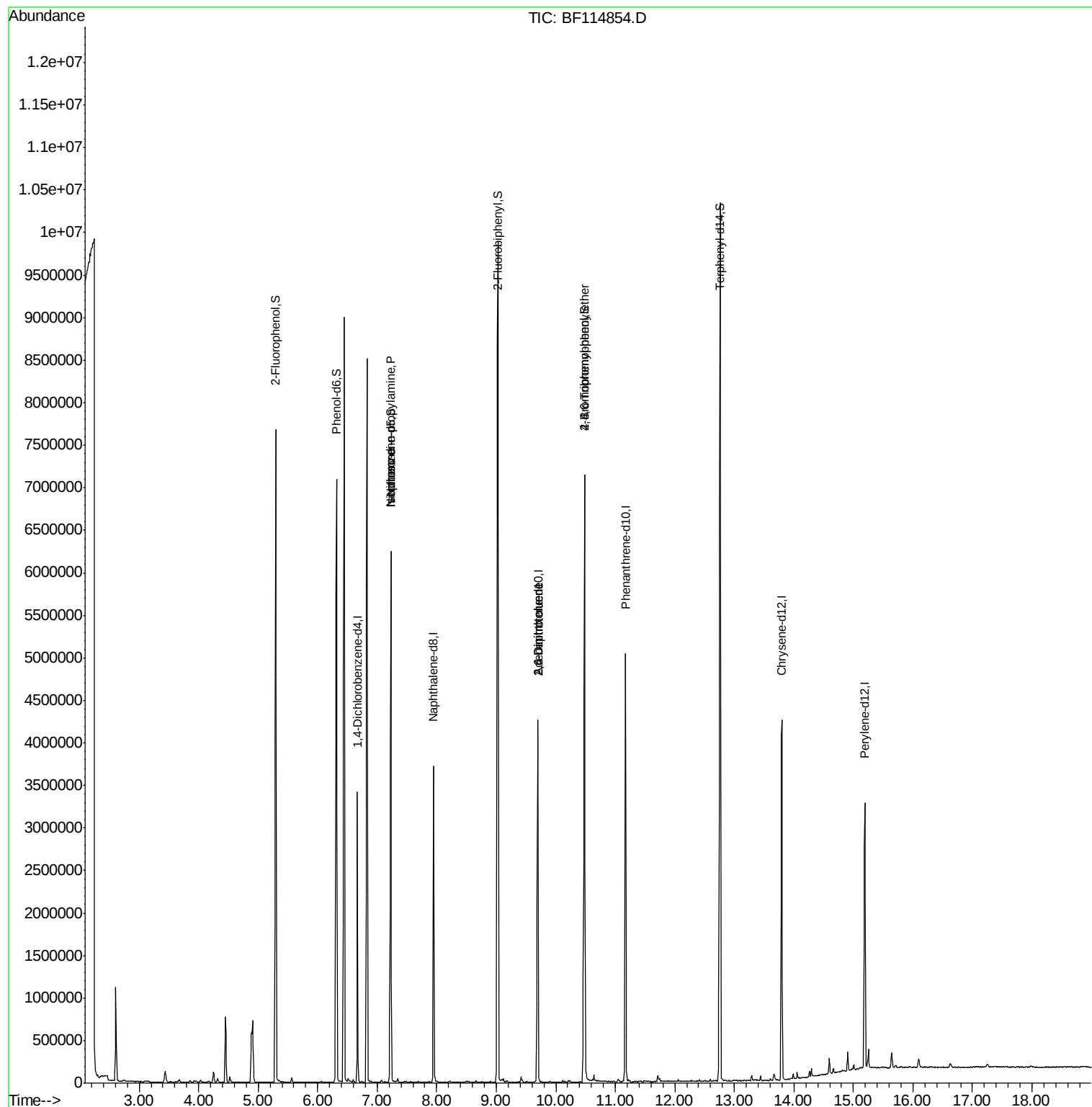
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	471406	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1876685	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	994867	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1958322	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1460621	20.00	ng	0.00
87) Perylene-d12	15.19	264	1369591	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2721499	100.88	ng	0.04
7) Phenol-d6	6.32	99	2978563	90.73	ng	0.01
23) Nitrobenzene-d5	7.23	82	2347267	76.99	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1238874	115.55	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4320085	81.34	ng	0.00
79) Terphenyl-d14	12.76	244	4786010	63.72	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	319712	14.713	ng	# 77
25) Isophorone	7.23	82	2328028	38.627	ng	# 61
51) 2,6-Dinitrotoluene	9.70	165	131292	7.683	ng	# 32
57) 2,4-Dinitrotoluene	9.70	165	131292	6.112	ng	# 32
58) Fluorene	10.24	166	4195	Below Cal		99
67) 4-Bromophenyl-phenylether	10.49	248	79627	3.580	ng	# 1

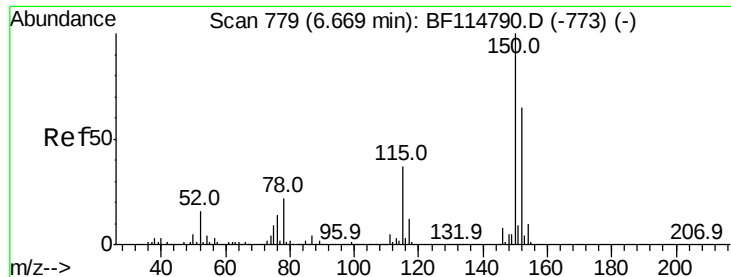
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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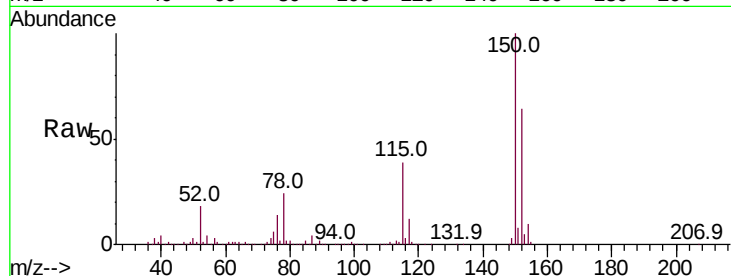


#1

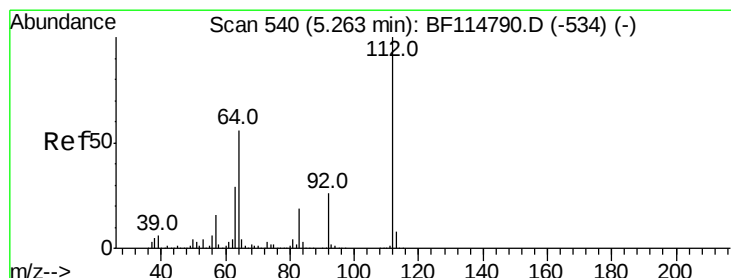
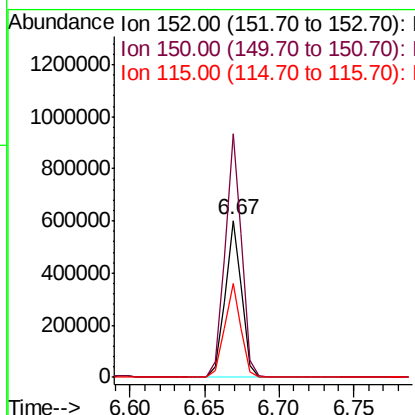
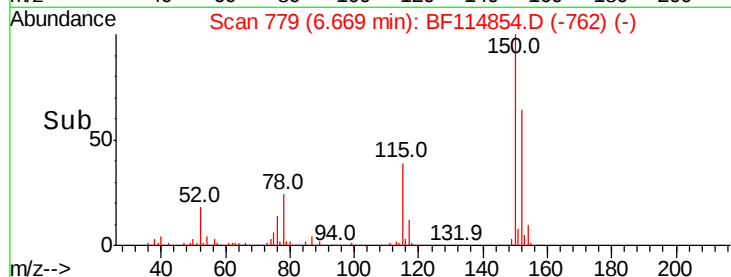
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114854.D
Acq: 6 Jun 2019 11:17

Instrument :
BNA_F
ClientSampleId :
SU-02-060419-A

Tot Ion:152 Resp: 471406
Ion Ratio Lower Upper
152 100
150 155.5 124.0 186.0
115 60.3 46.3 69.5



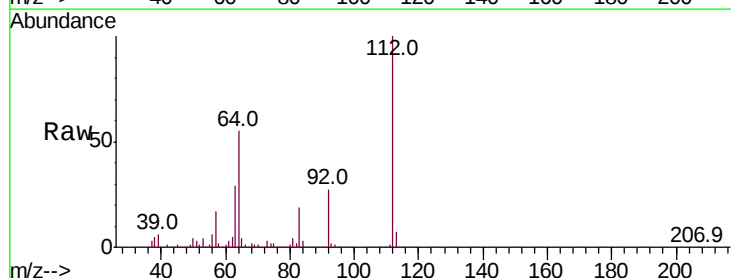
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



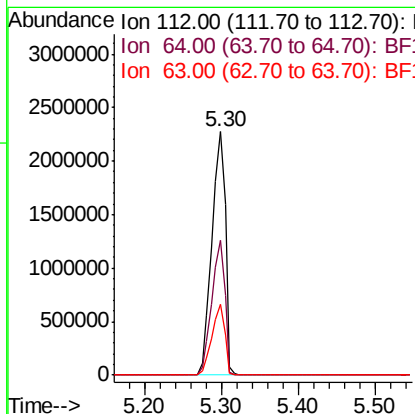
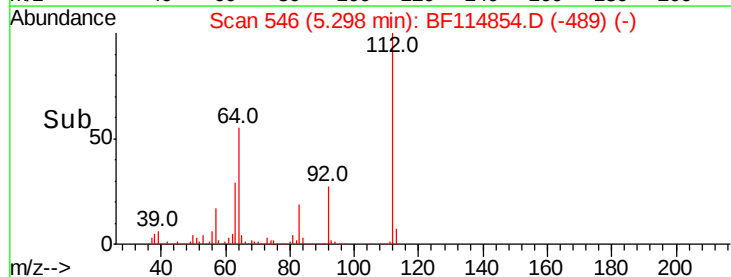
#5

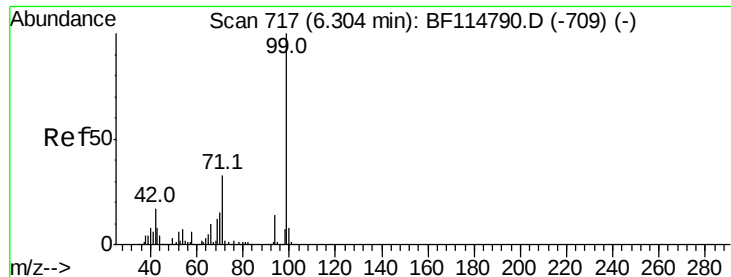
2-Fluorophenol
Concen: 100.877 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114854.D
Acq: 6 Jun 2019 11:17

Tgt Ion:112 Resp: 2721499
Ion Ratio Lower Upper
112 100
64 55.4 44.6 66.8
63 28.9 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: 90.734 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

Instrument :

BNA_F

ClientSampleId :

SU-02-060419-A

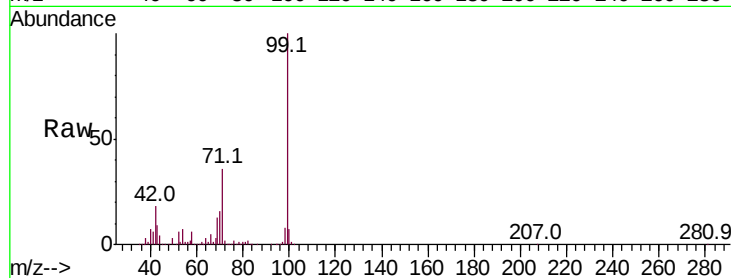
Tot Ion: 99 Resp: 2978563

Ion Ratio Lower Upper

99 100

42 17.5 13.3 19.9

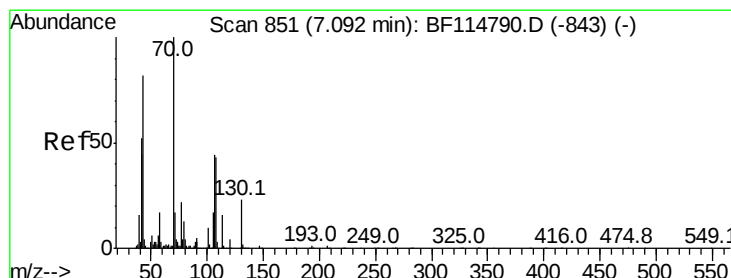
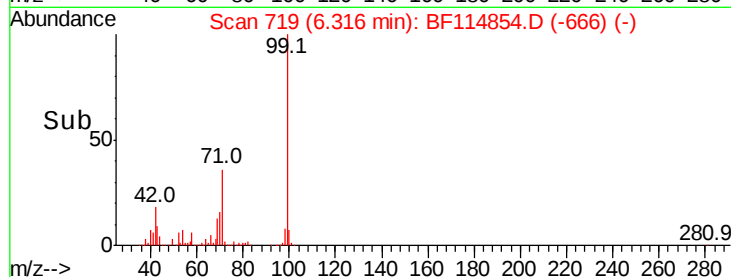
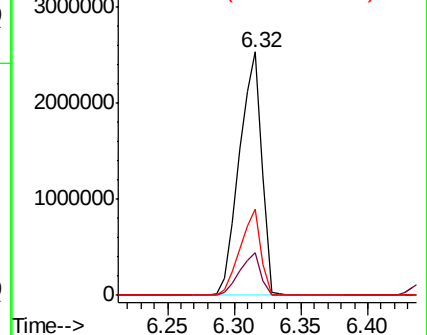
71 35.6 26.3 39.5



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: 14.713 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

Tgt Ion: 70 Resp: 319712

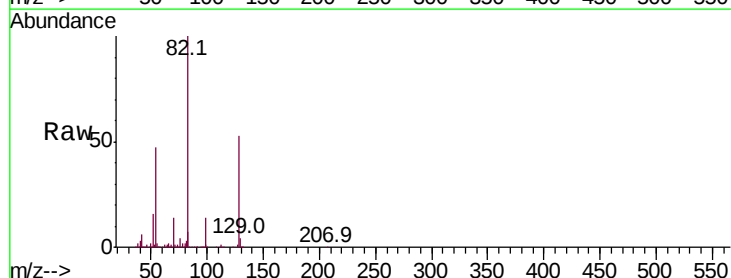
Ion Ratio Lower Upper

70 100

42 42.8 41.8 62.8

101 0.0 8.2 12.4#

130 2.3 18.5 27.7#

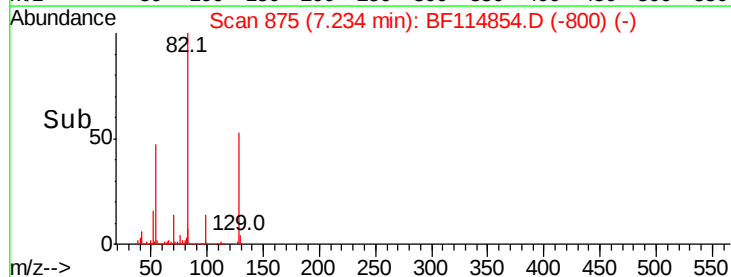
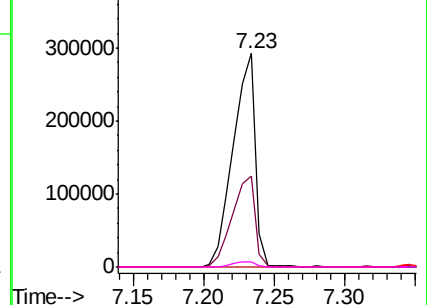


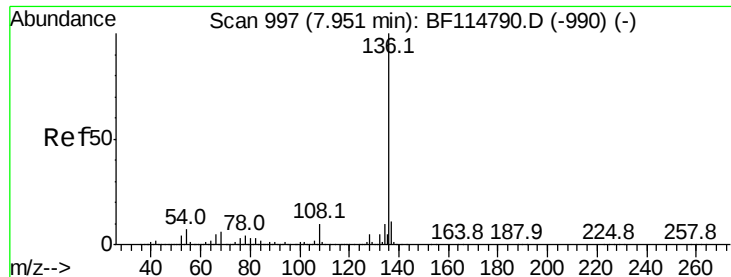
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF114854.D

Acq: 6 Jun 2019 11:17

Instrument :

BNA_F

ClientSampleId :

SU-02-060419-A

Tot Ion:136 Resp: 1876685

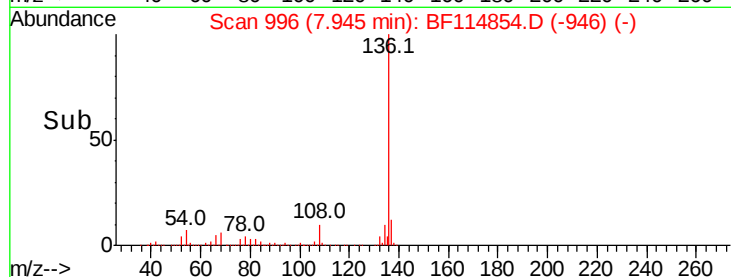
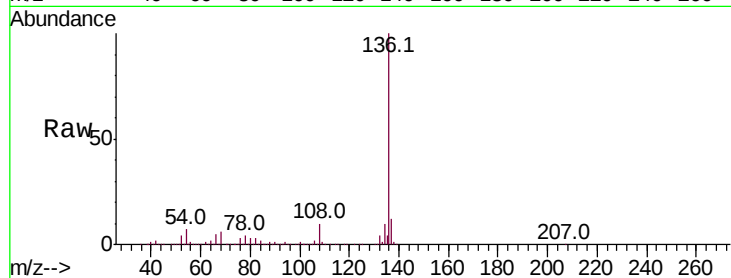
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 7.3 5.4 8.0

68 6.2 4.6 6.8

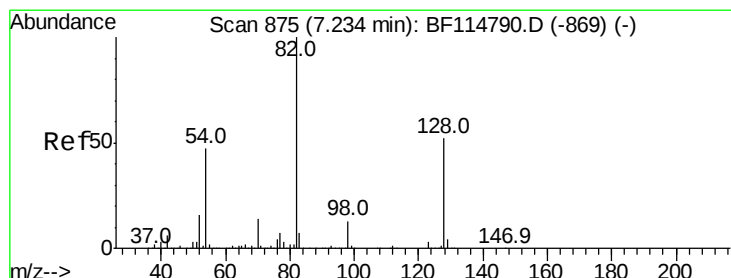
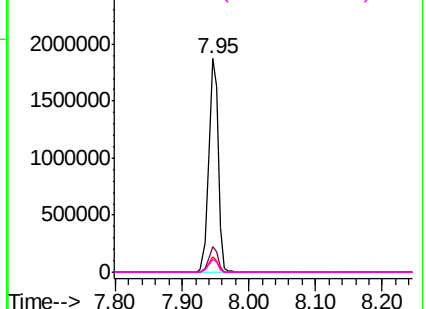


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.994 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

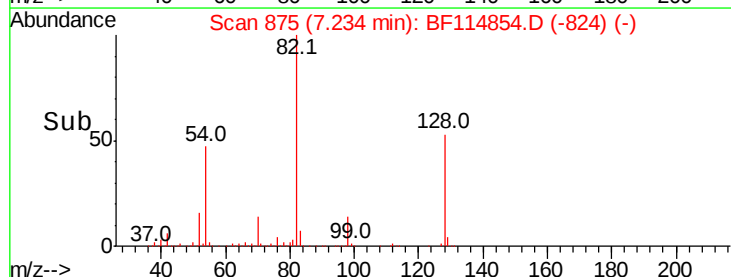
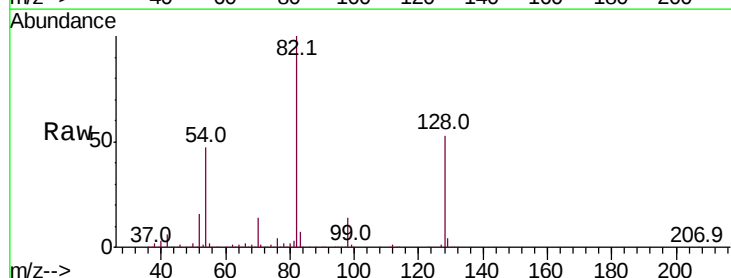
Tgt Ion: 82 Resp: 2347267

Ion Ratio Lower Upper

82 100

128 52.9 41.8 62.6

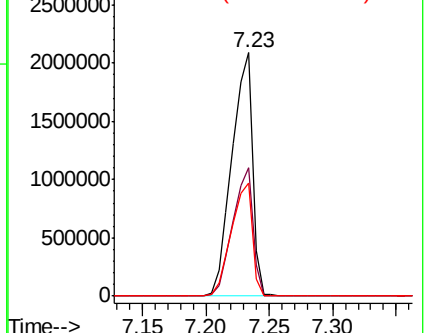
54 46.6 37.9 56.9

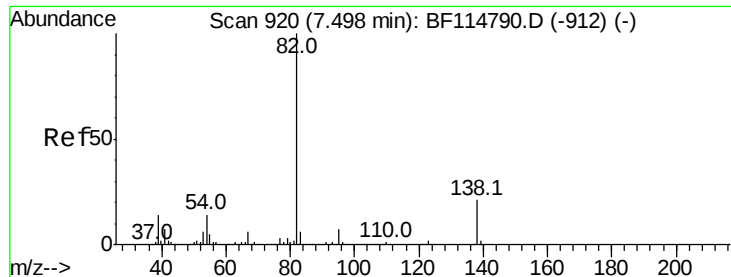


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.627 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

Instrument :

BNA_F

ClientSampleId :

SU-02-060419-A

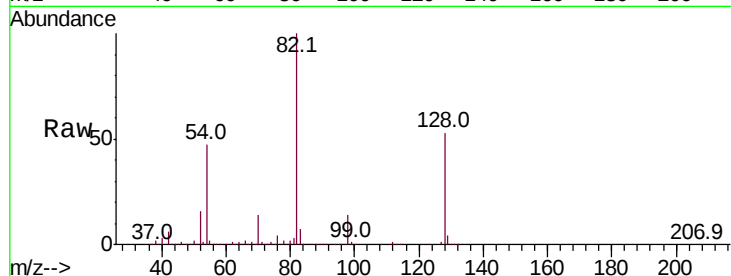
Tot Ion: 82 Resp: 2328028

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

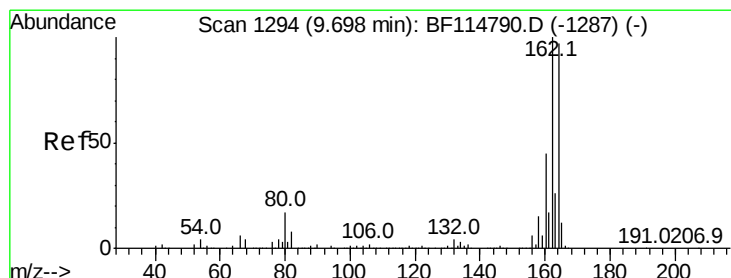
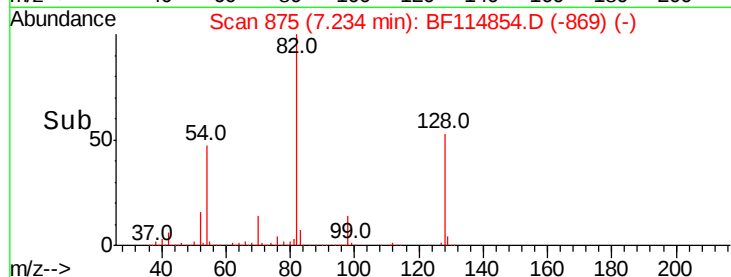
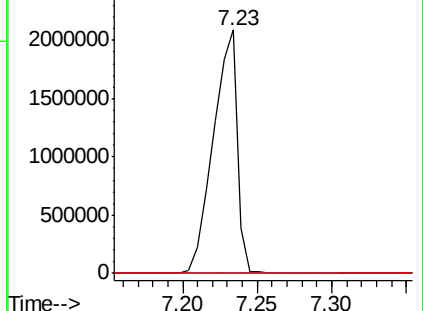
138 0.0 16.9 25.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF114854.D

Acq: 6 Jun 2019 11:17

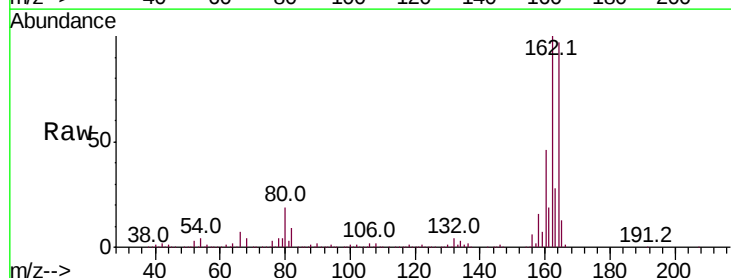
Tgt Ion:164 Resp: 994867

Ion Ratio Lower Upper

164 100

162 103.5 82.3 123.5

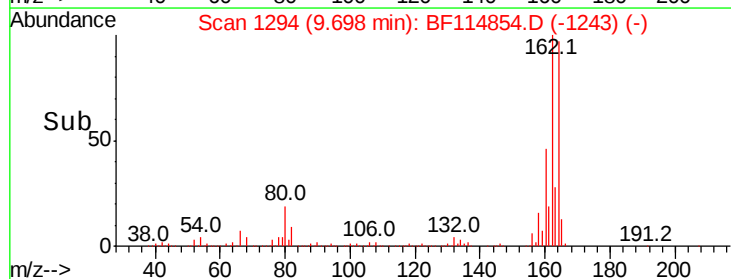
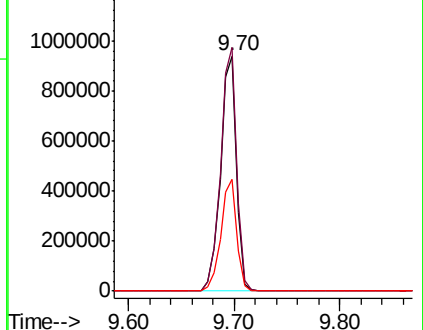
160 47.5 36.7 55.1

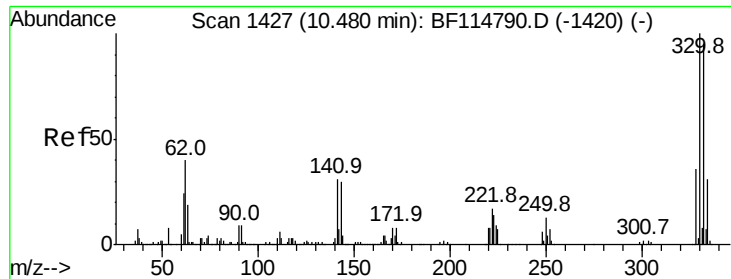


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 115.553 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

Instrument :

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SU-02-060419-A

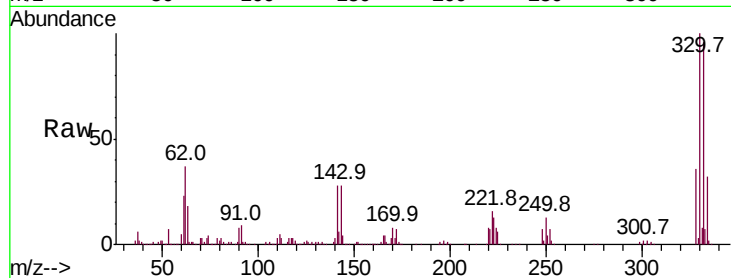
Tot Ion:330 Resp: 1238874

Ion Ratio Lower Upper

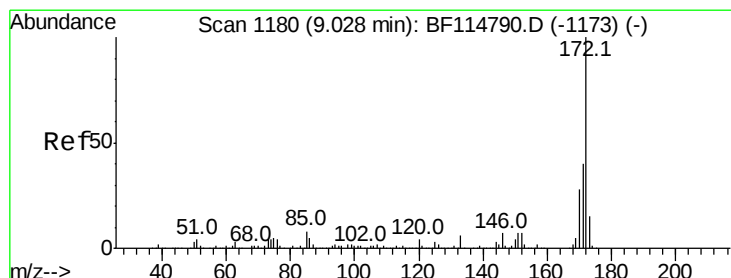
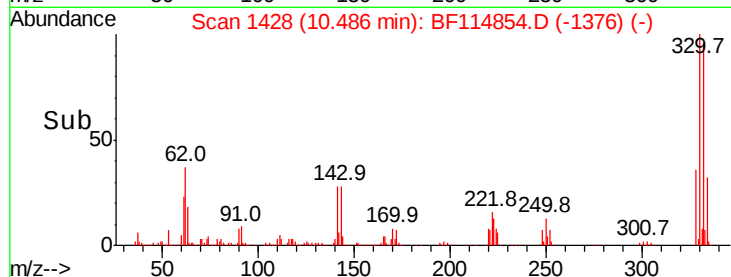
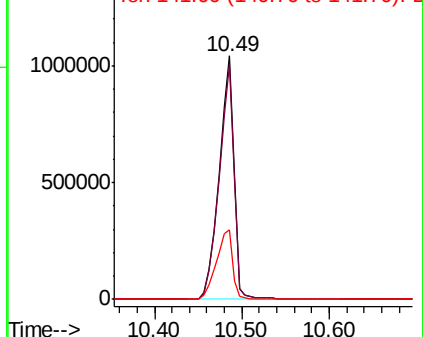
330 100

332 96.6 77.3 115.9

141 31.5 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: 81.345 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

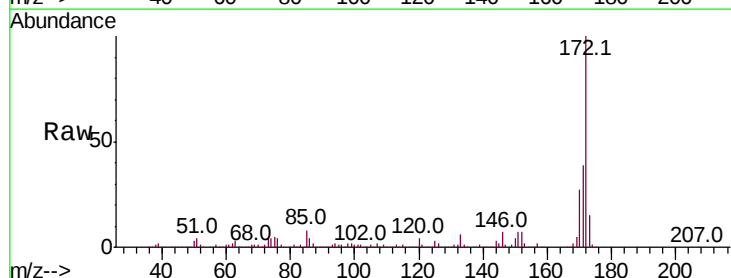
Tgt Ion:172 Resp: 4320085

Ion Ratio Lower Upper

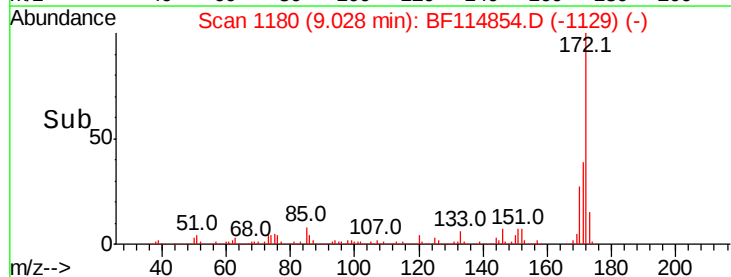
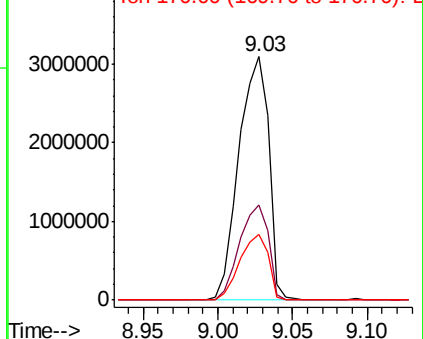
172 100

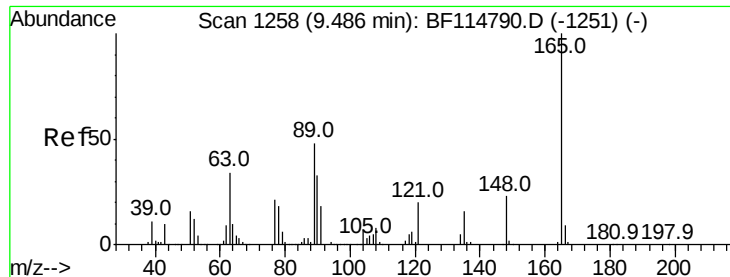
171 39.1 32.3 48.5

170 27.0 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

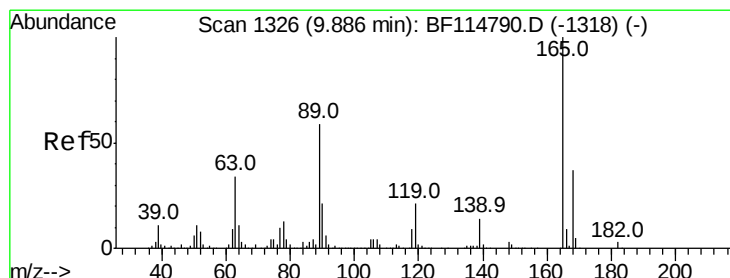
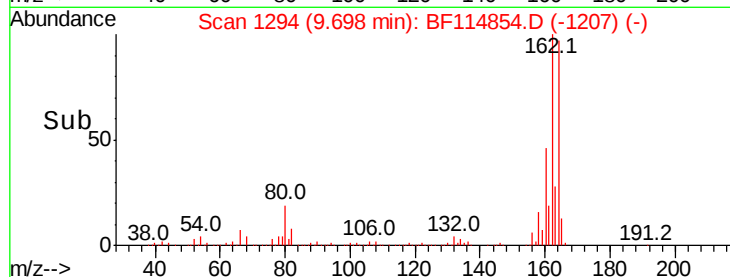
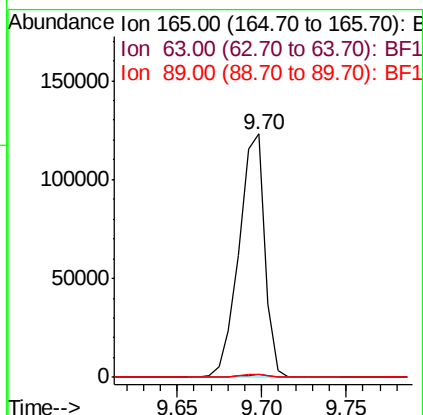
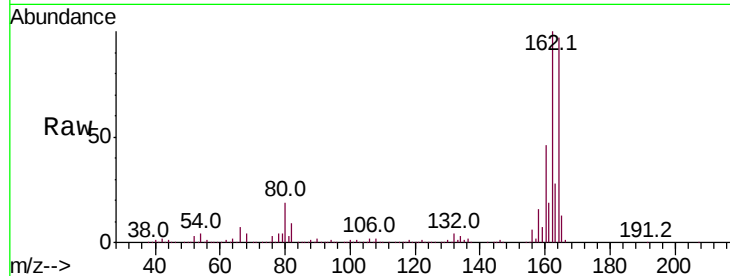




#51
 2,6-Dinitrotoluene
 Concen: 7.683 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.21 min
 Lab File: BF114854.D
 Acq: 6 Jun 2019 11:17

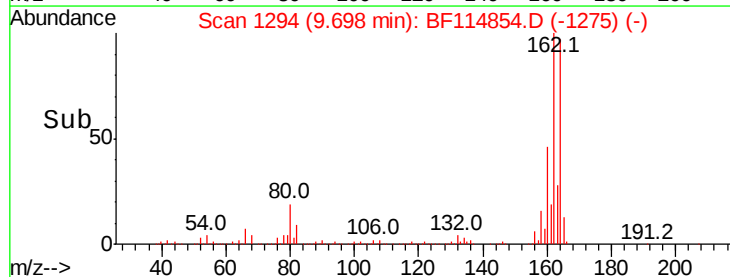
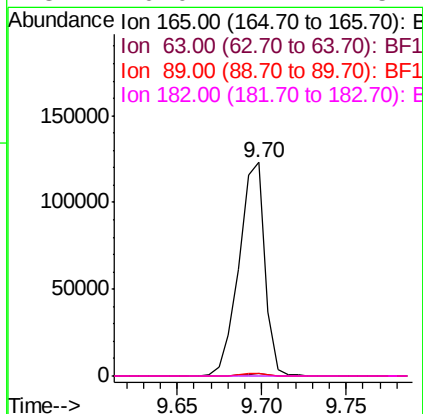
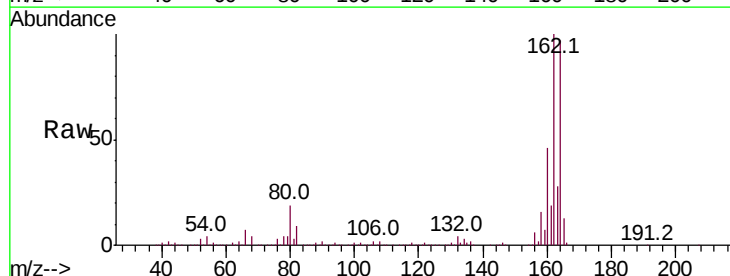
Instrument :
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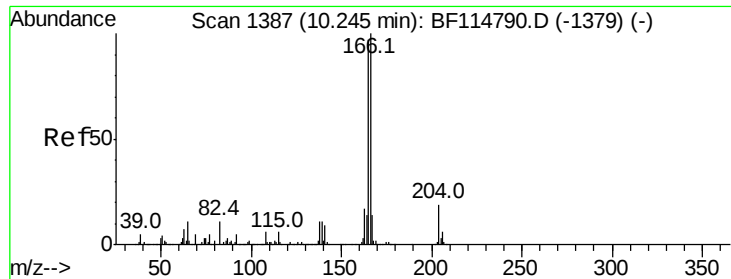
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.1	52.7#
89	1.2	38.2	57.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.112 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.19 min
 Lab File: BF114854.D
 Acq: 6 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.0	40.4#
89	1.2	47.0	70.6#
182	0.0	2.2	3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

Instrument :

BNA_F

ClientSampleId :

SU-02-060419-A

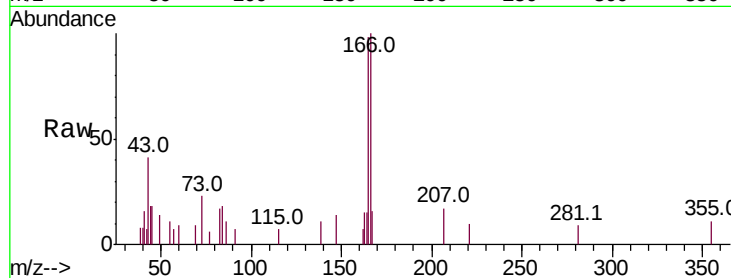
Tot Ion:166 Resp: 4195

Ion Ratio Lower Upper

166 100

165 97.5 77.9 116.9

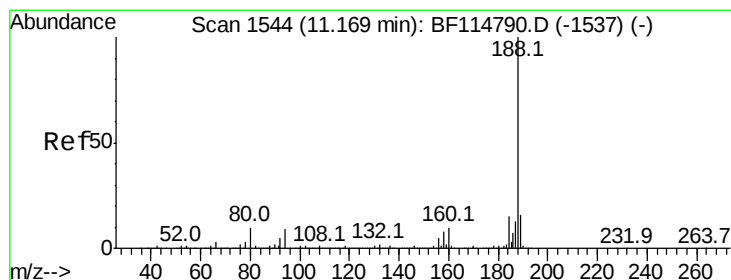
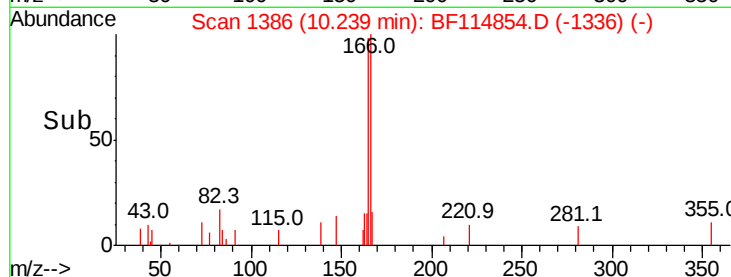
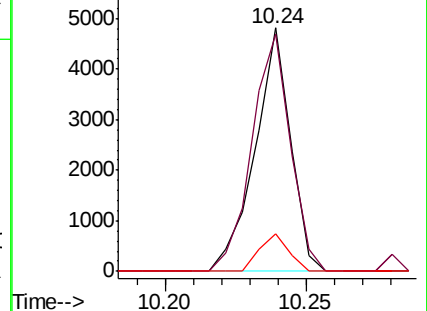
167 15.6 11.3 16.9



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: BF114854.D

Acq: 6 Jun 2019 11:17

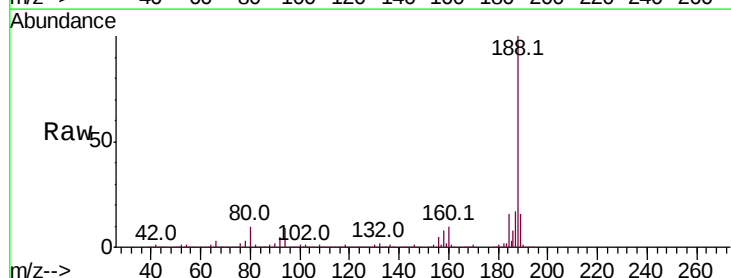
Tgt Ion:188 Resp: 1958322

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

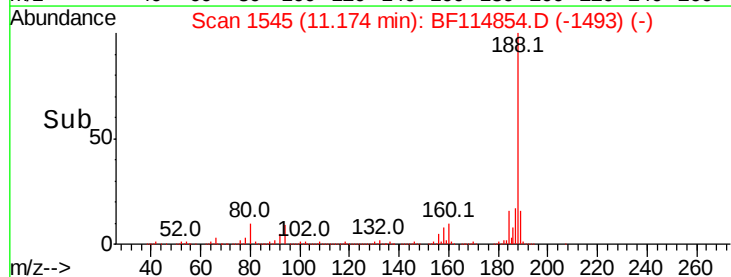
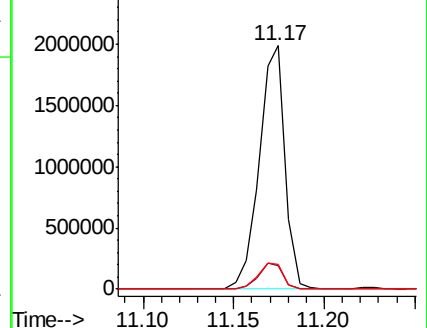
80 10.0 8.3 12.5

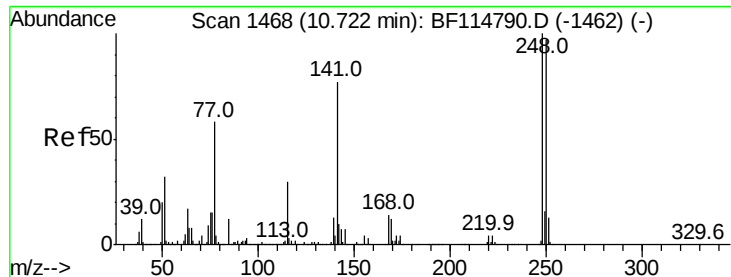


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

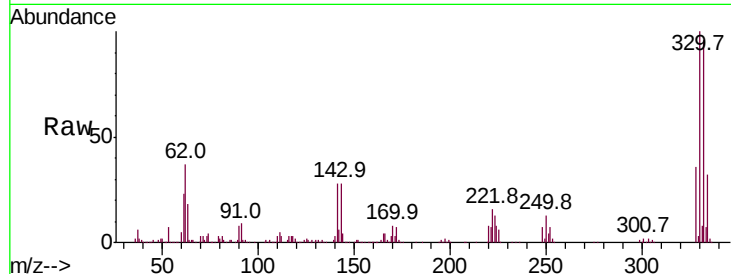




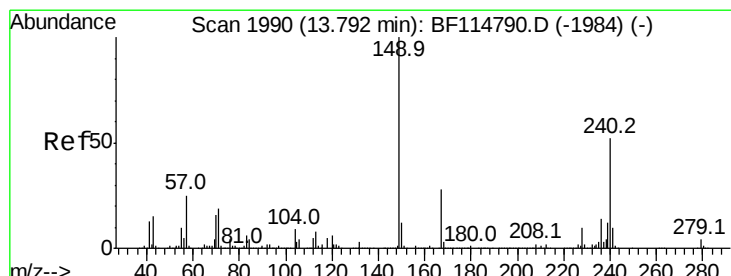
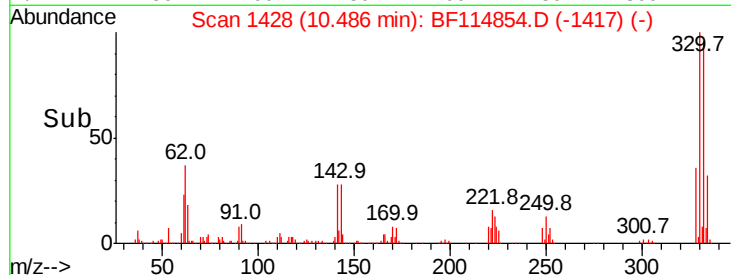
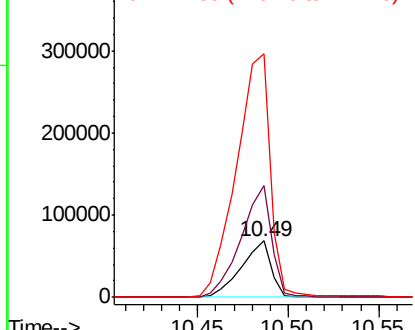
#67
 4-Bromophenyl-phenylether
 Concen: 3.580 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.24 min
 Lab File: BF114854.D
 Acq: 6 Jun 2019 11:17

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-060419-A

Tot Ion:248 Resp: 79627
 Ion Ratio Lower Upper
 248 100
 250 198.9 77.5 116.3#
 141 430.9 61.8 92.8#

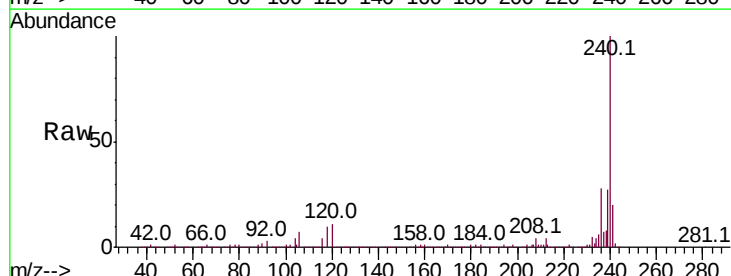


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

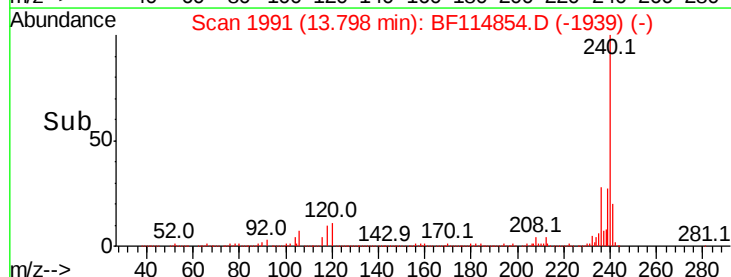
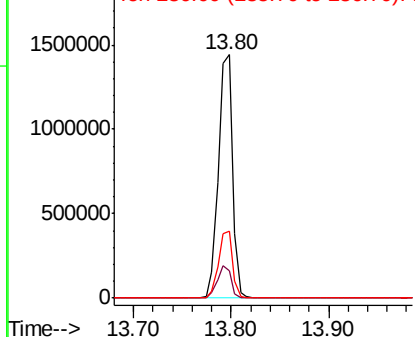


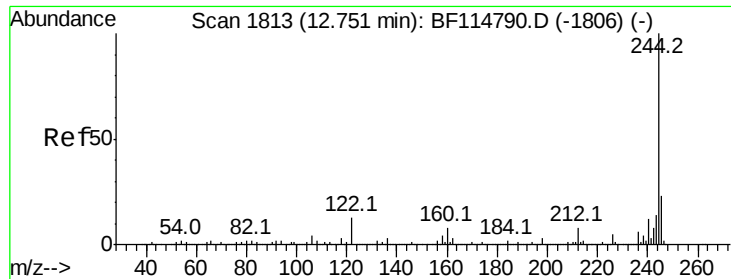
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BF114854.D
 Acq: 6 Jun 2019 11:17

Tgt Ion:240 Resp: 1460621
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.0 13.4
 236 27.6 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: 63.724 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

Instrument :

BNA_F

ClientSampleId :

SU-02-060419-A

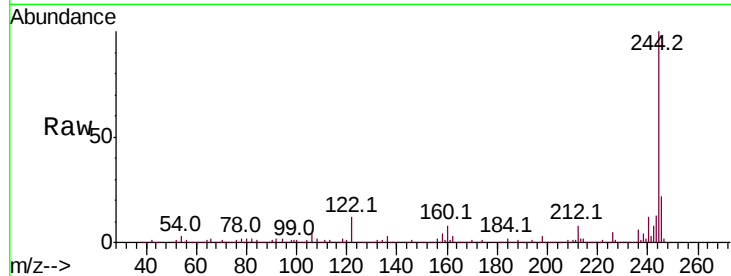
Tot Ion:244 Resp: 4786010

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

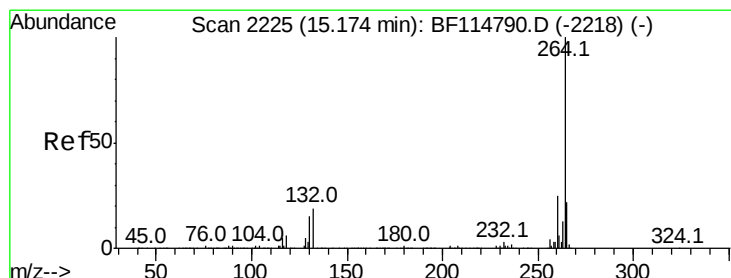
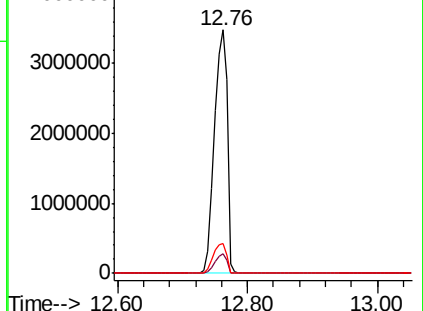
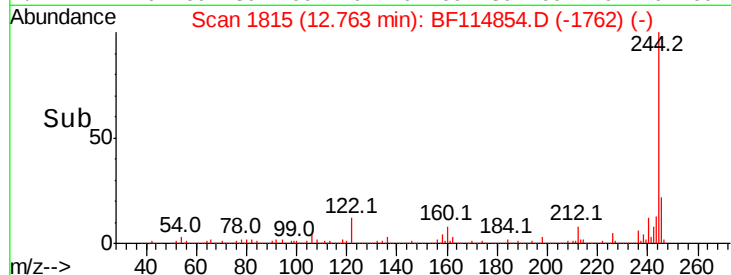
122 12.2 10.5 15.7



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# 2228

Delta R.T. 0.02 min

Lab File: BF114854.D

Acq: 6 Jun 2019 11:17

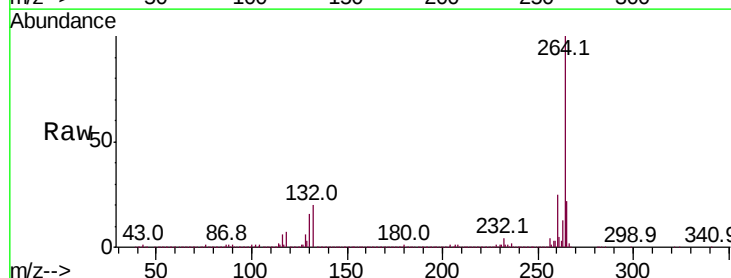
Tgt Ion:264 Resp: 1369591

Ion Ratio Lower Upper

264 100

260 25.3 20.1 30.1

265 22.2 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

