

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114852.D
 Acq On : 6 Jun 2019 10:25
 Operator : HP/JU
 Sample : K3151-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 06 23:58:44 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

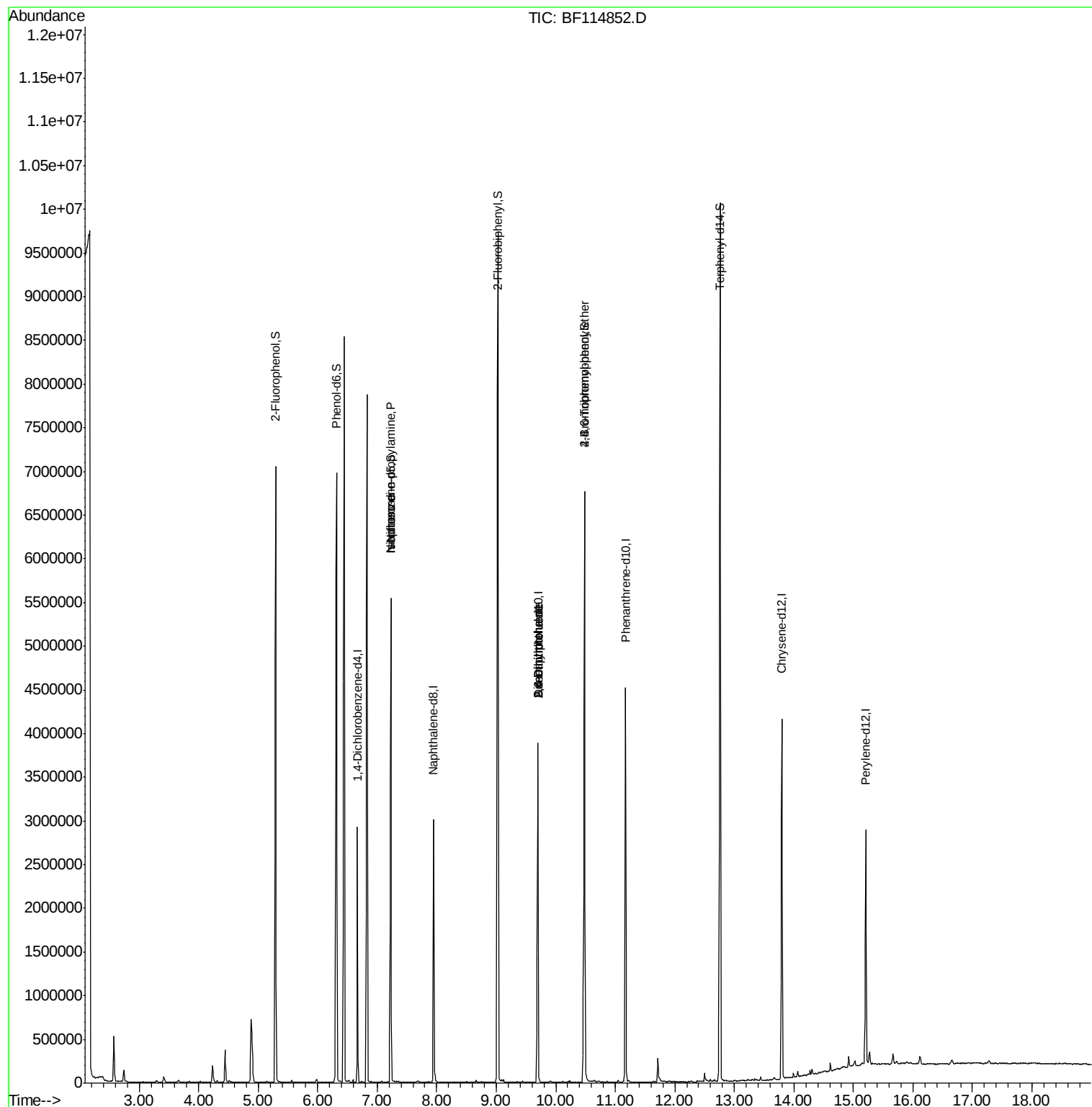
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	419207	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1636002	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	857859	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1741803	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1315507	20.00	ng	0.00
87) Perylene-d12	15.21	264	1154859	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2528661	105.40	ng	0.04
7) Phenol-d6	6.32	99	2868792	98.27	ng	0.01
23) Nitrobenzene-d5	7.23	82	2109301	79.37	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1123697	121.55	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3897051	85.10	ng	0.00
79) Terphenyl-d14	12.76	244	4424239	65.41	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	289805	14.997	ng	# 76
25) Isophorone	7.23	82	2026258	38.566	ng	# 61
50) Dimethylphthalate	9.70	163	242841	3.876	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	110720	7.514	ng	# 32
57) 2,4-Dinitrotoluene	9.70	165	110720	5.977	ng	# 32
58) Fluorene	10.24	166	4693	Below Cal		99
67) 4-Bromophenyl-phenylether	10.49	248	72748	3.677	ng	# 1

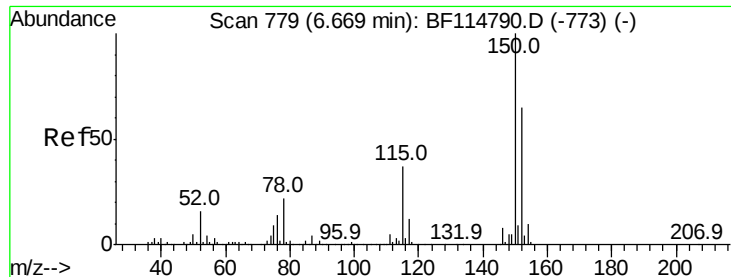
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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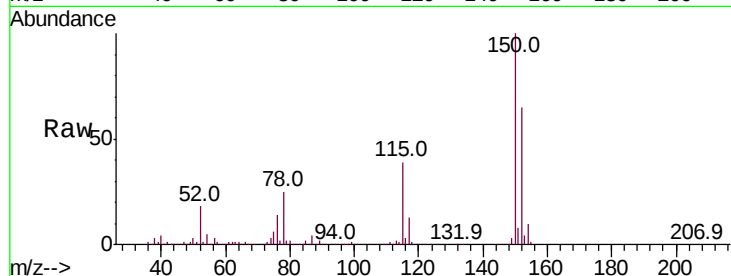


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.0	186.0
115	59.9	46.3	69.5

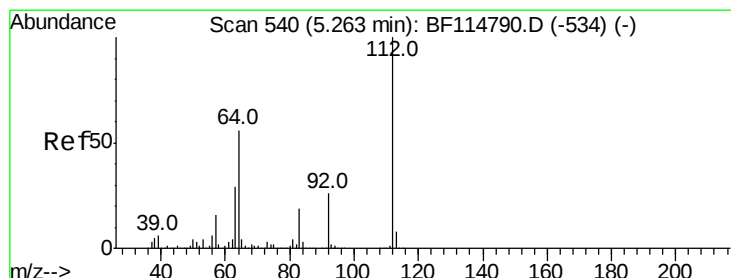
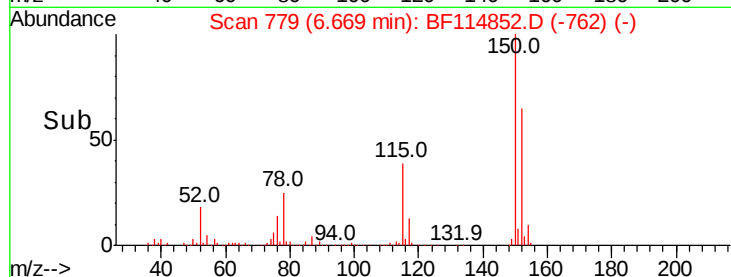
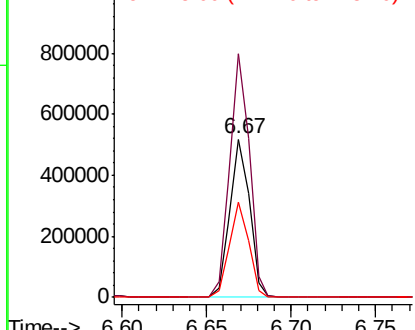


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

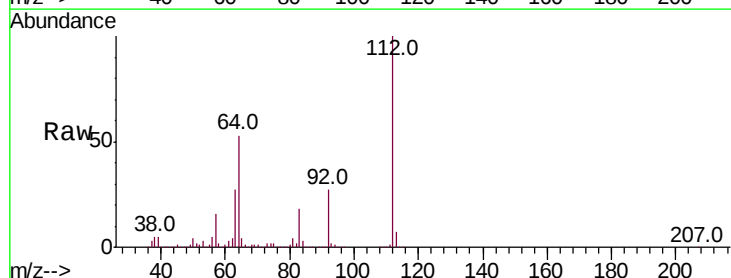
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.401 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	44.6	66.8
63	27.5	23.0	34.4

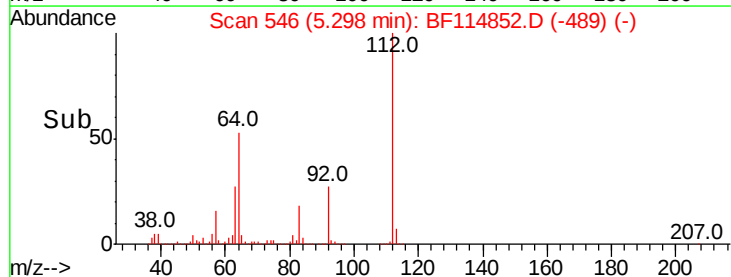
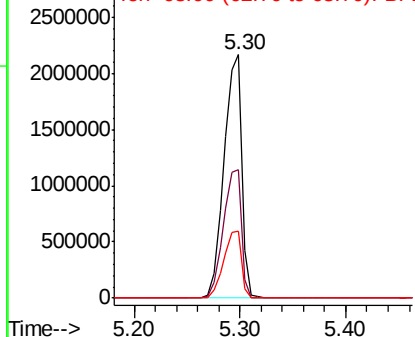


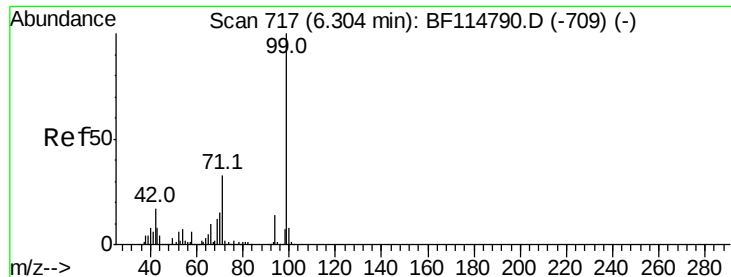
Abundance

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: 98.272 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-B

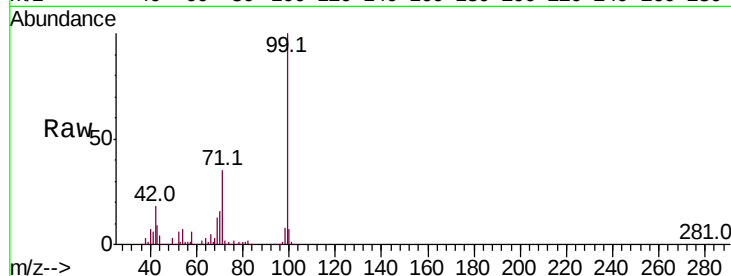
Tot Ion: 99 Resp: 2868792

Ion Ratio Lower Upper

99 100

42 17.6 13.3 19.9

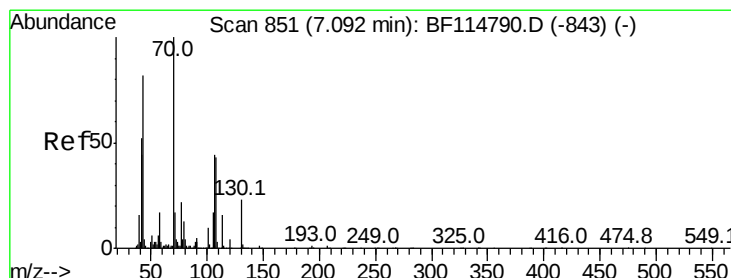
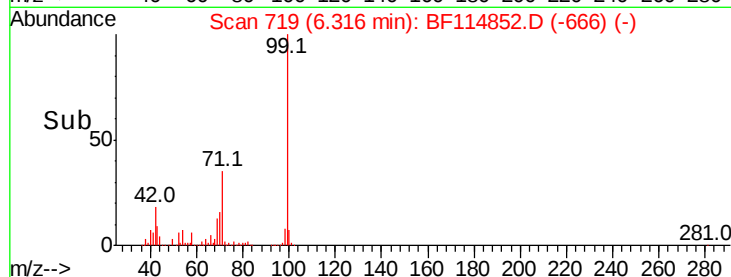
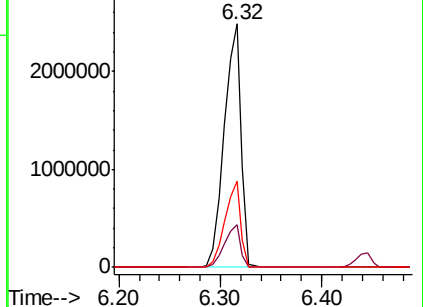
71 35.5 26.3 39.5



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: 14.997 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

Tgt Ion: 70 Resp: 289805

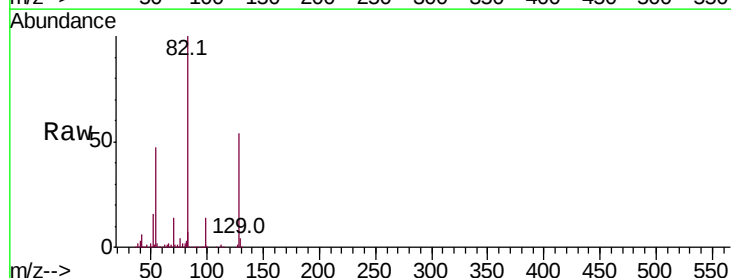
Ion Ratio Lower Upper

70 100

42 41.6 41.8 62.8#

101 0.0 8.2 12.4#

130 2.6 18.5 27.7#

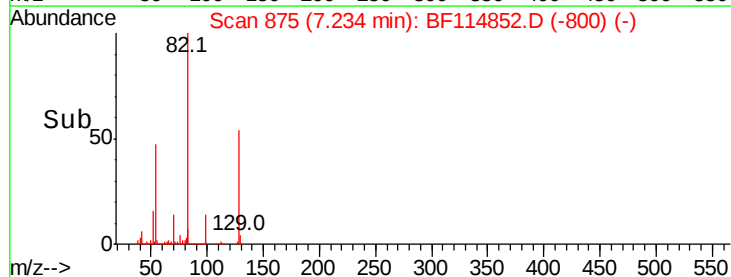
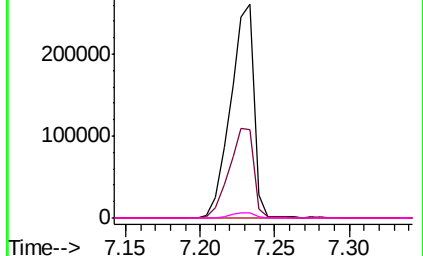


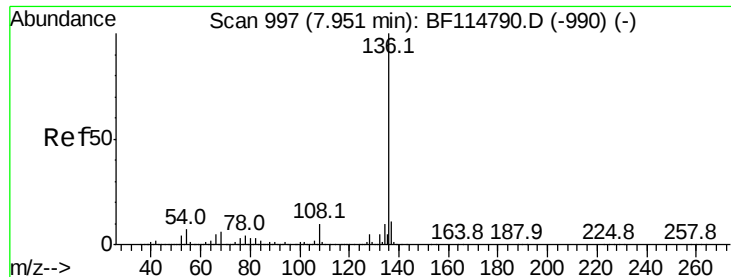
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



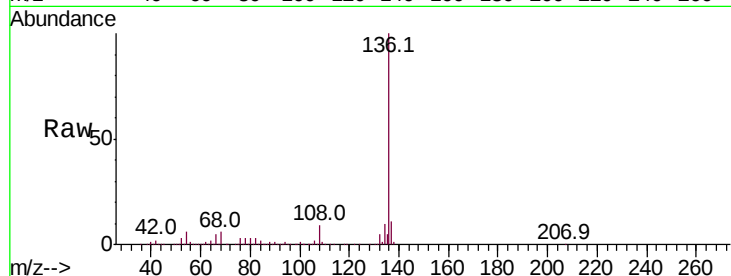


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

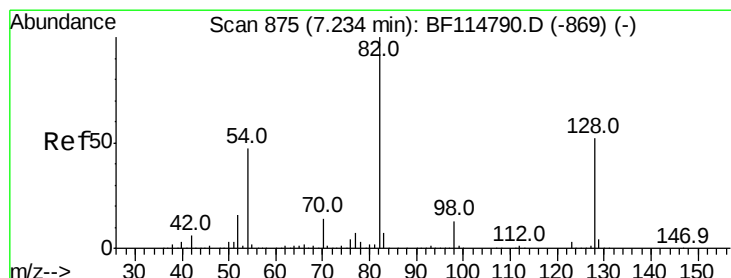
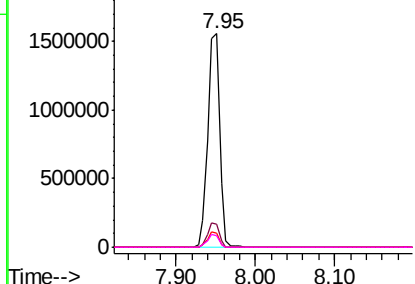
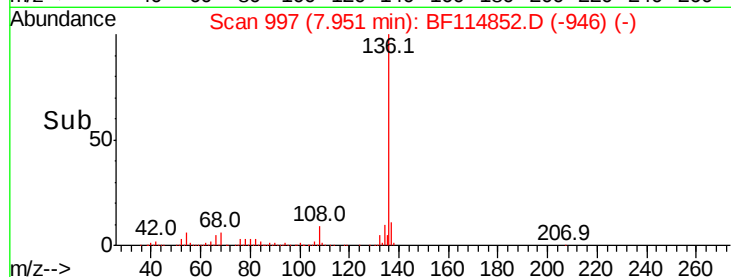
Instrument :
BNA_F
ClientSampleId :
AU-06-060419-B

Tot Ion:136 Resp: 1636002

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	5.4	8.0
68	5.5	4.6	6.8



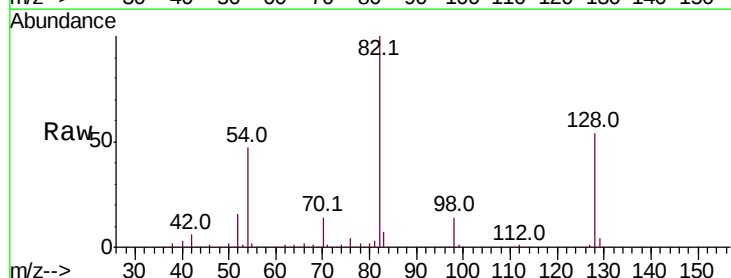
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



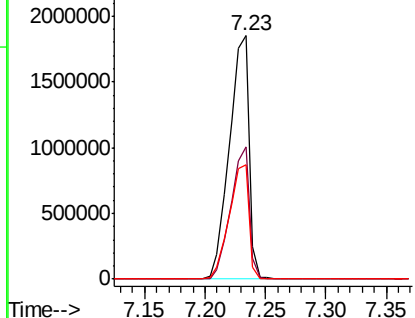
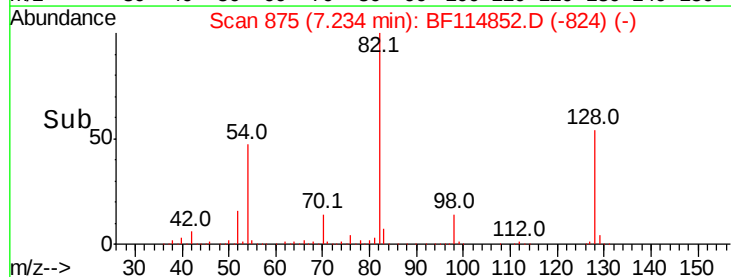
#23
Nitrobenzene-d5
Concen: 79.367 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

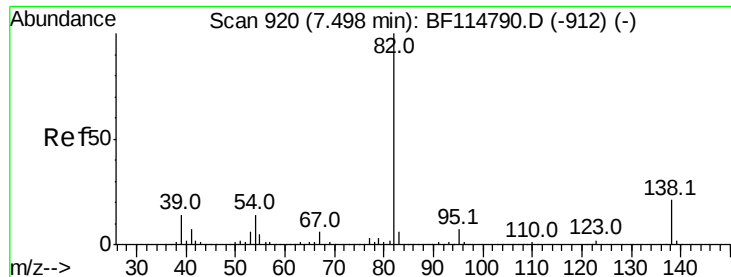
Tgt Ion: 82 Resp: 2109301

Ion	Ratio	Lower	Upper
82	100		
128	54.2	41.8	62.6
54	46.8	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: 38.566 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-B

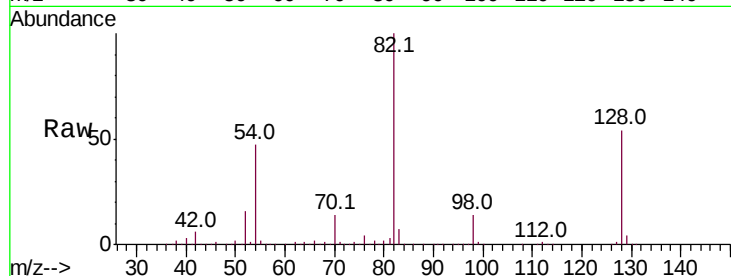
Tot Ion: 82 Resp: 2026258

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

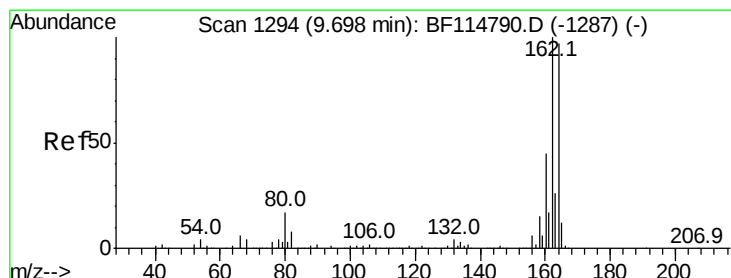
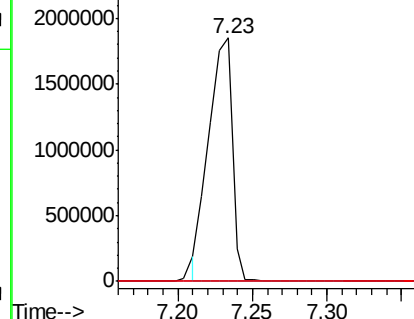
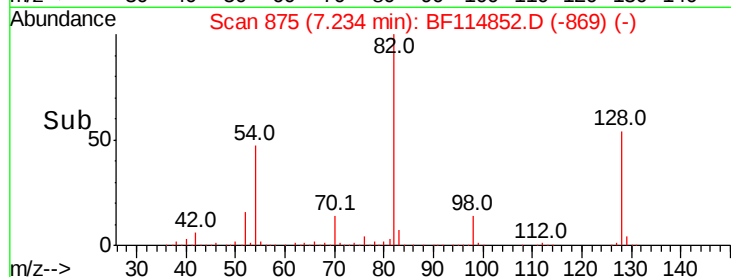
138 0.0 16.9 25.3#



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: BF114852.D

Acq: 6 Jun 2019 10:25

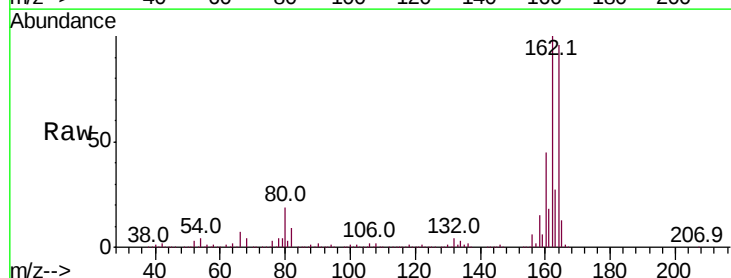
Tgt Ion:164 Resp: 857859

Ion Ratio Lower Upper

164 100

162 103.8 82.3 123.5

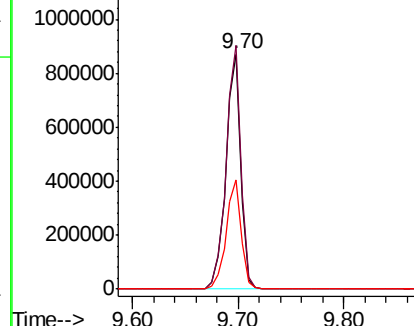
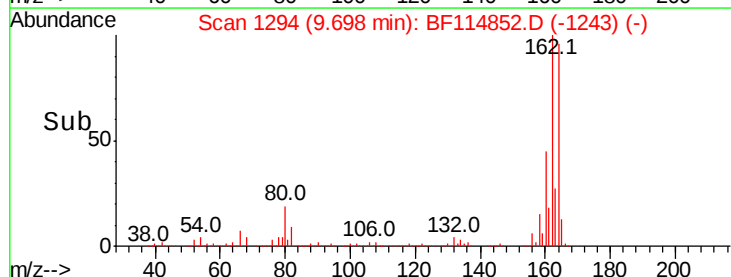
160 46.7 36.7 55.1

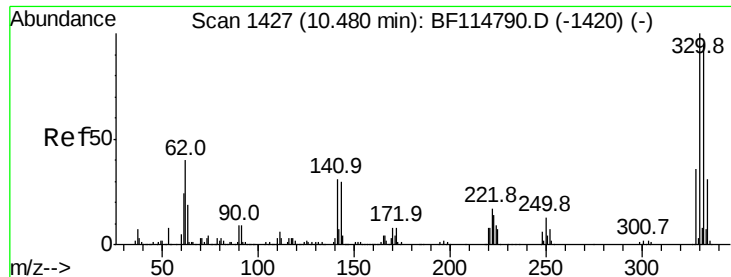


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



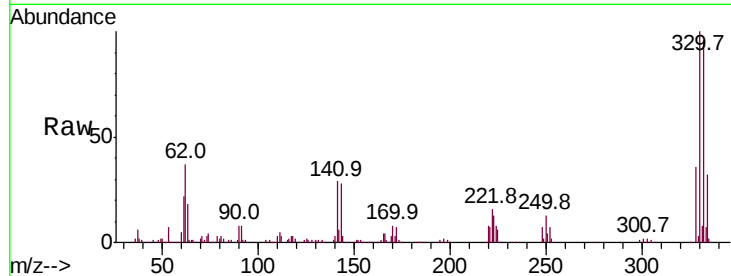


#42
 2,4,6-Tribromophenol
 Concen: 121.549 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF114852.D
 Acq: 6 Jun 2019 10:25

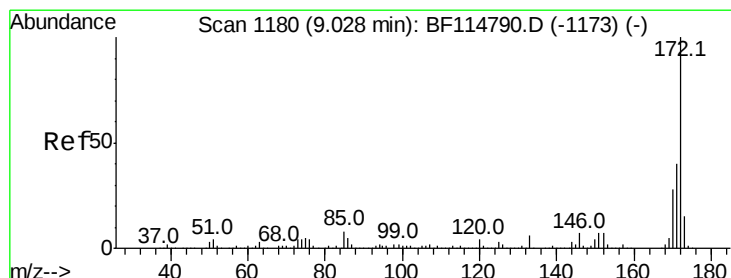
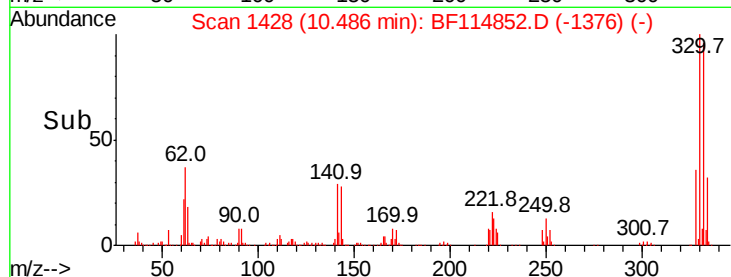
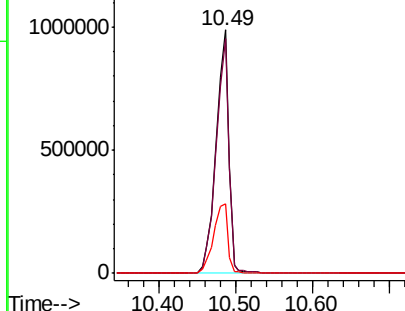
Instrument :
 BNA_F
 ClientSampleId :
 AU-06-060419-B

Tot Ion:330 Resp: 1123697

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	32.0	26.2	39.4



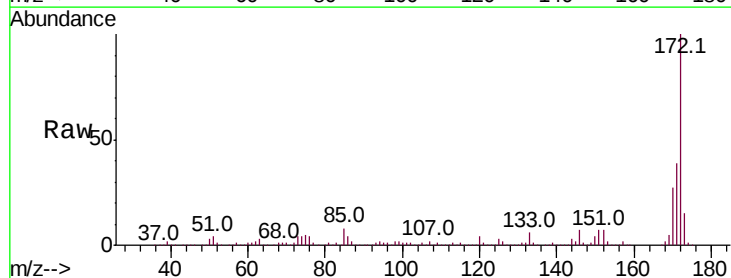
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



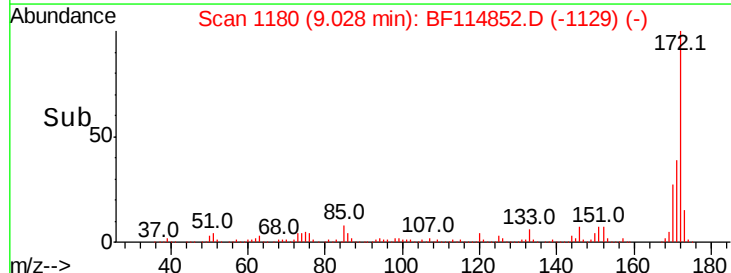
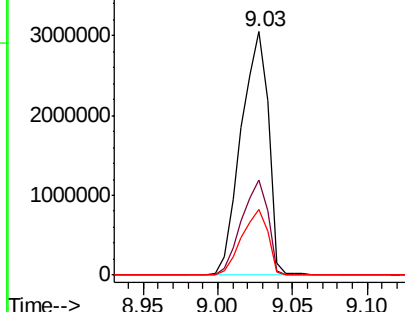
#45
 2-Fluorobiphenyl
 Concen: 85.098 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114852.D
 Acq: 6 Jun 2019 10:25

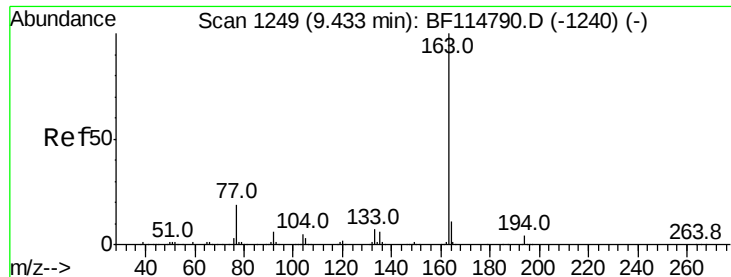
Tgt Ion:172 Resp: 3897051

Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.3	48.5
170	27.2	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

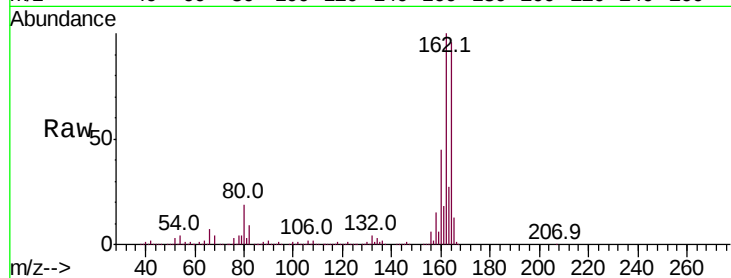




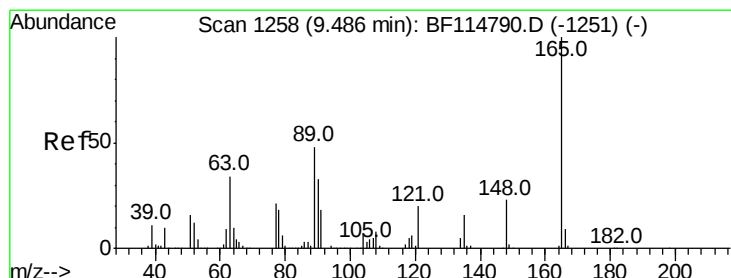
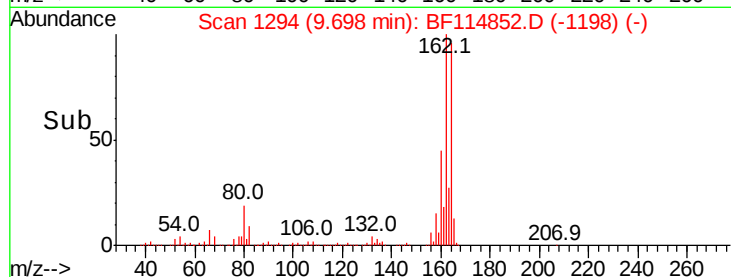
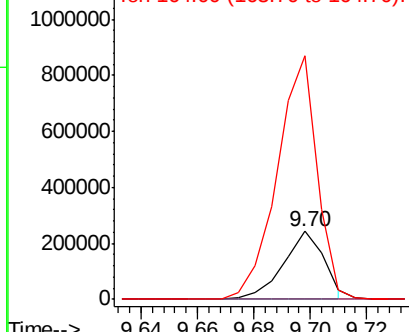
#50
Dimethylphthalate
Concen: 3.876 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.26 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

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

Tot Ion:163 Resp: 242841
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 359.4 8.6 13.0#

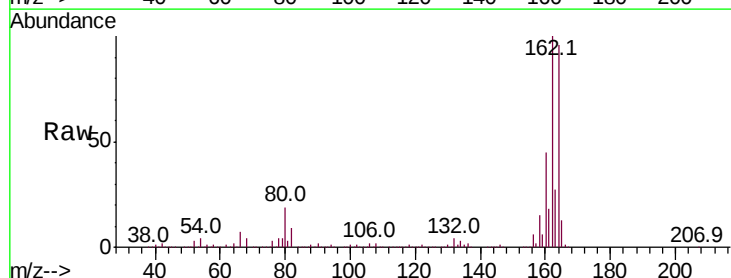


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

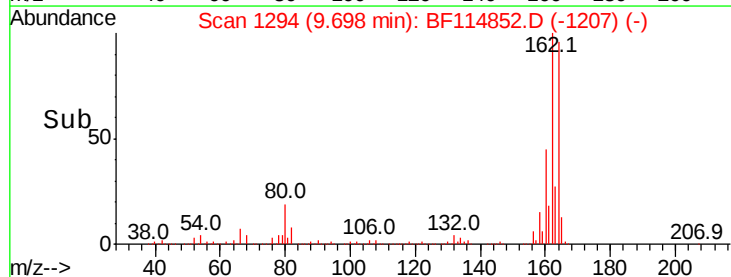
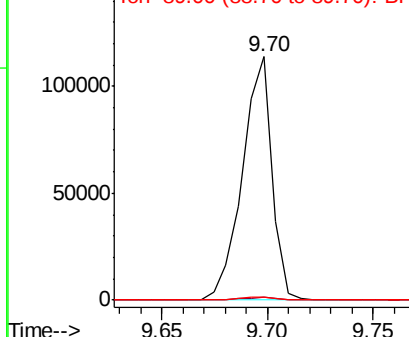


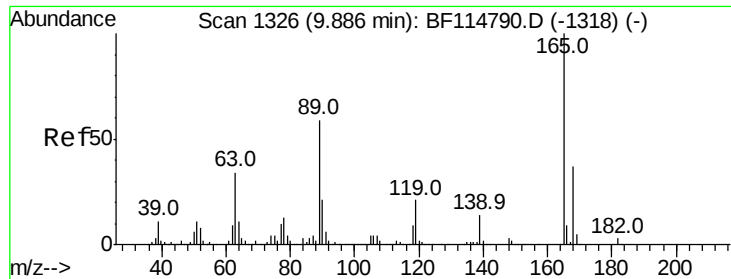
#51
2,6-Dinitrotoluene
Concen: 7.514 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.21 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

Tgt Ion:165 Resp: 110720
Ion Ratio Lower Upper
165 100
63 1.0 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

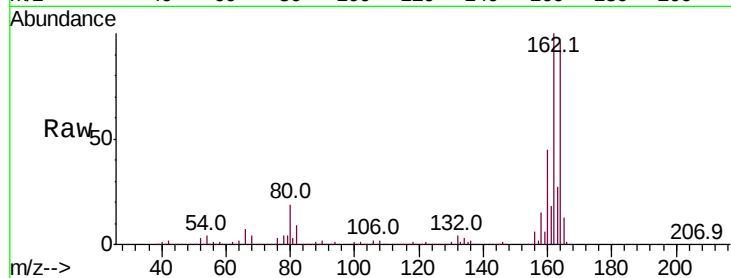




#57
 2,4-Dinitrotoluene
 Concen: 5.977 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.19 min
 Lab File: BF114852.D
 Acq: 6 Jun 2019 10:25

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.0	40.4#
89	1.5	47.0	70.6#
182	0.0	2.2	3.2#

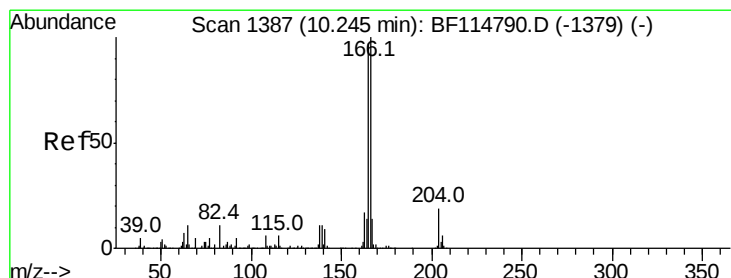
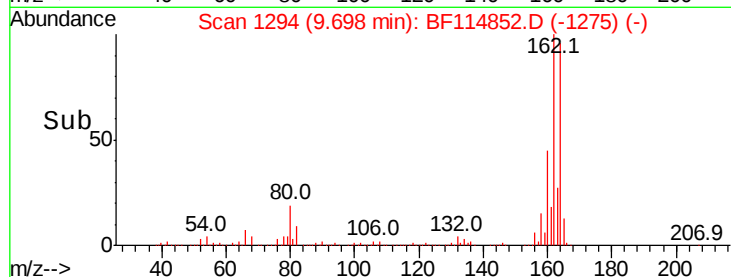
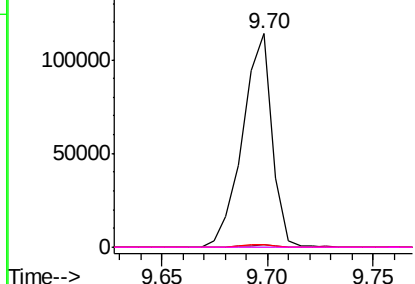


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

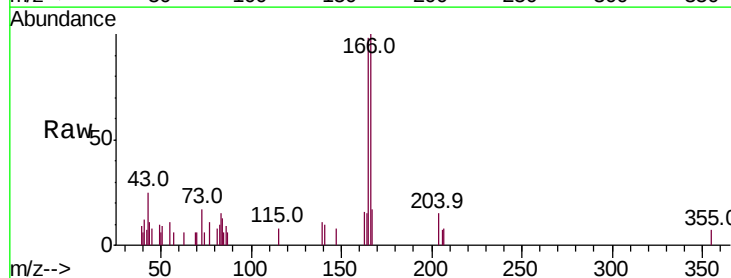
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: Below Cal
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF114852.D
 Acq: 6 Jun 2019 10:25

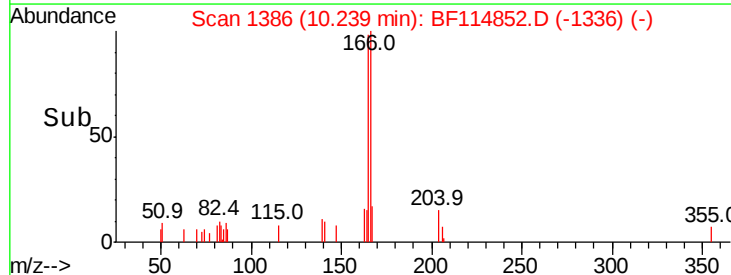
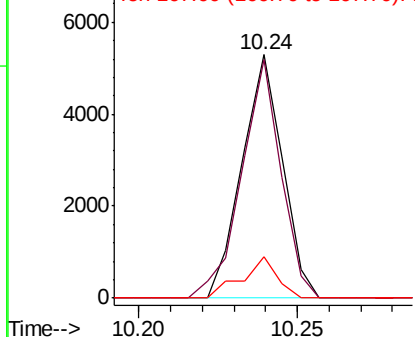
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	16.7	11.3	16.9

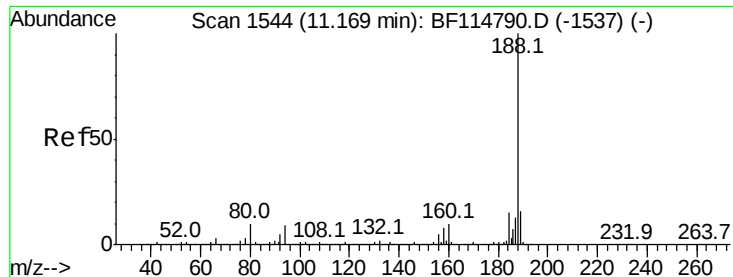


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

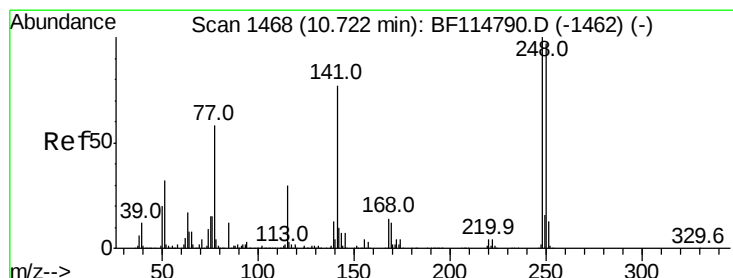
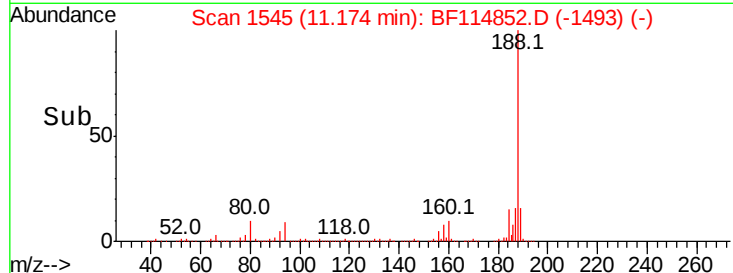
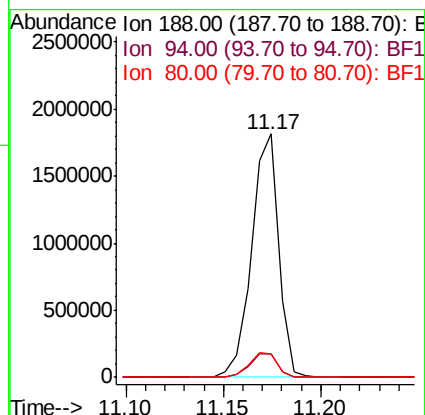
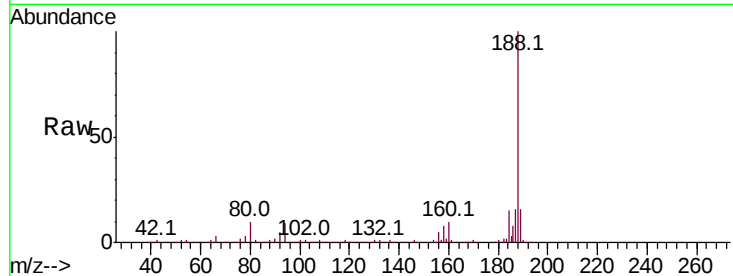




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

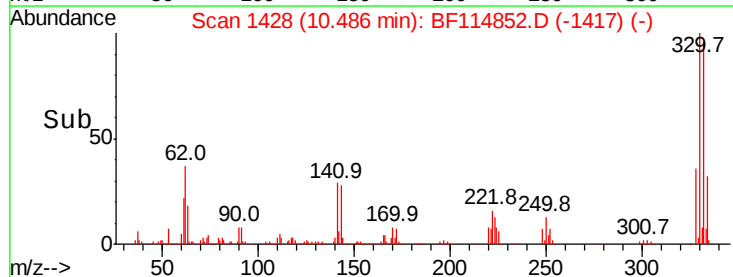
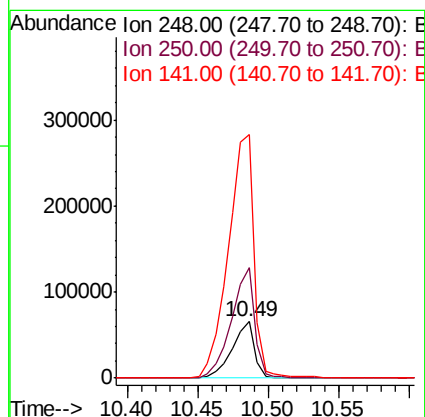
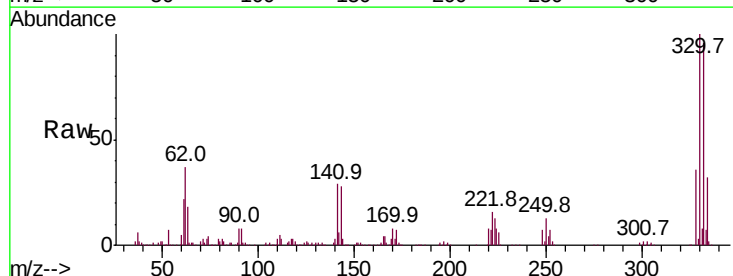
Instrument :
BNA_F
ClientSampleId :
AU-06-060419-B

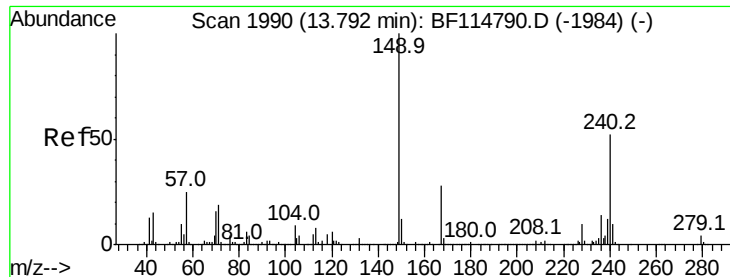
Tot Ion:188 Resp: 1741803
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.8 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.677 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.24 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

Tgt Ion:248 Resp: 72748
Ion Ratio Lower Upper
248 100
250 197.3 77.5 116.3#
141 433.3 61.8 92.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

Instrument :

BNA_F

ClientSampleId :

AU-06-060419-B

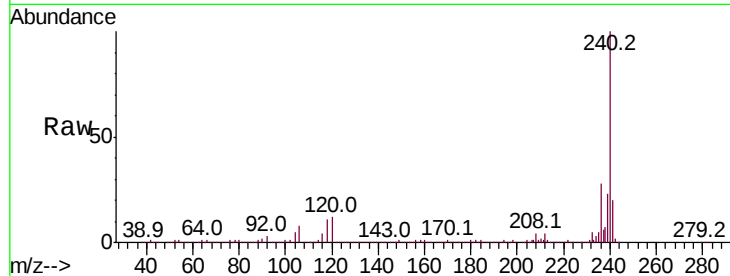
Tot Ion:240 Resp: 1315507

Ion Ratio Lower Upper

240 100

120 12.5 9.0 13.4

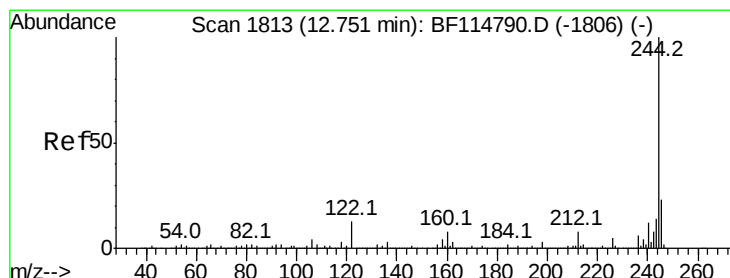
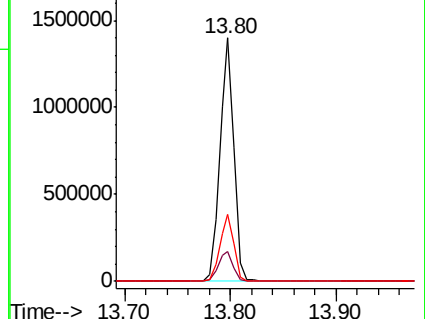
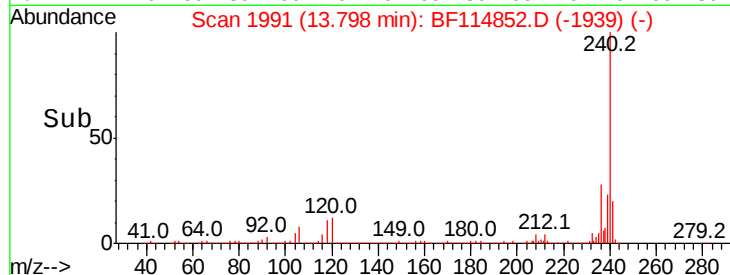
236 27.7 21.4 32.0



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: 65.405 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114852.D

Acq: 6 Jun 2019 10:25

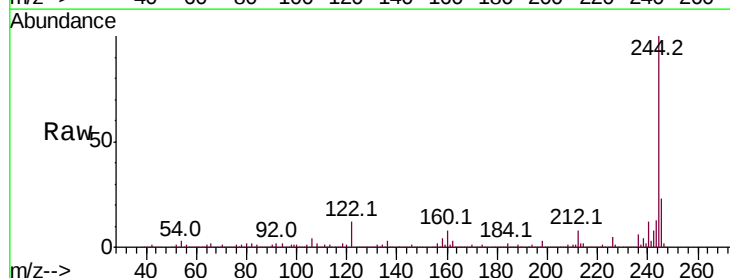
Tgt Ion:244 Resp: 4424239

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

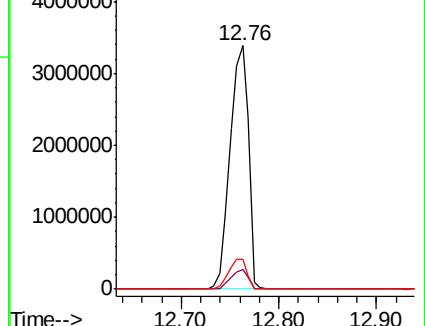
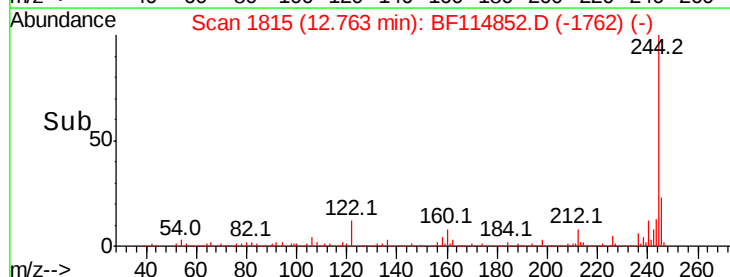
122 12.3 10.5 15.7

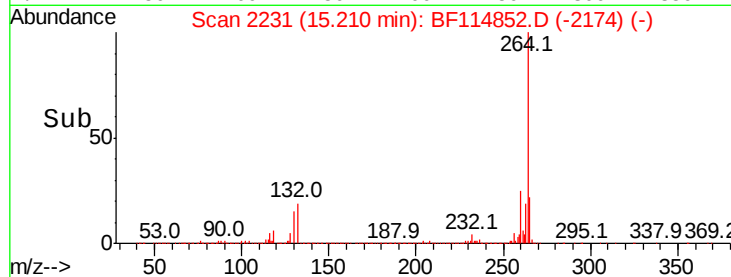
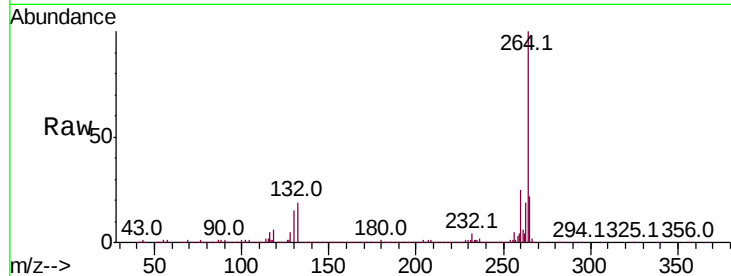
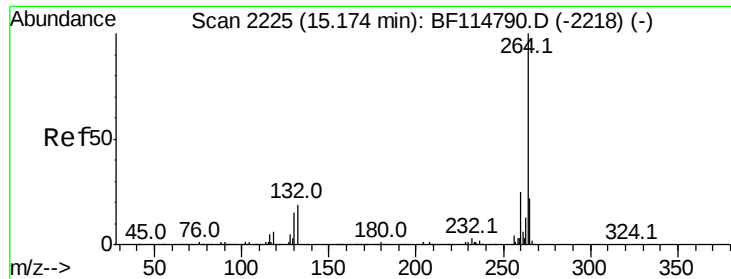


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 2231
Delta R.T. 0.04 min
Lab File: BF114852.D
Acq: 6 Jun 2019 10:25

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

Tot Ion:264 Resp: 1154859

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.9	17.7	26.5

