

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114883.D
 Acq On : 7 Jun 2019 00:41
 Operator : HP/JU
 Sample : K3156-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-060519

Quant Time: Jun 07 04:00:35 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

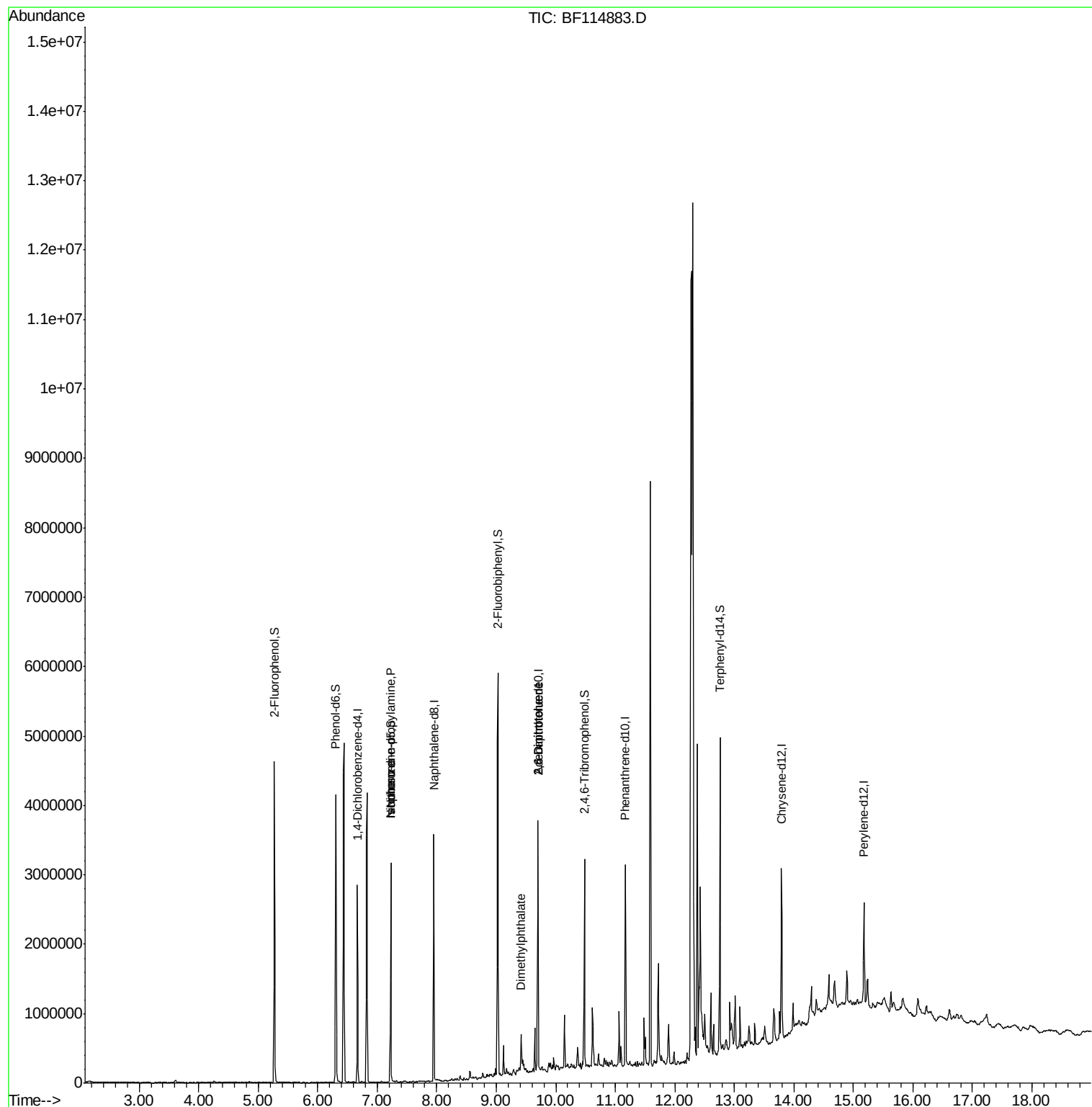
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	400242	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1486426	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	660549	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1101266	20.00	ng	0.00
76) Chrysene-d12	13.79	240	743273	20.00	ng	0.00
87) Perylene-d12	15.18	264	628362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1323841	57.80	ng	0.01
7) Phenol-d6	6.30	99	1624579	58.29	ng	0.00
23) Nitrobenzene-d5	7.23	82	946565	39.20	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	368712	51.80	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1749020	49.60	ng	0.00
79) Terphenyl-d14	12.76	244	1458378	38.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	126885	6.877	ng	# 79
25) Isophorone	7.23	82	919139	19.254	ng	# 61
50) Dimethylphthalate	9.42	163	216048	4.478	ng	# 98
51) 2,6-Dinitrotoluene	9.70	165	87876	7.745	ng	# 33
57) 2,4-Dinitrotoluene	9.70	165	87876	6.161	ng	# 33
58) Fluorene	10.24	166	3822	Below Cal		# 59

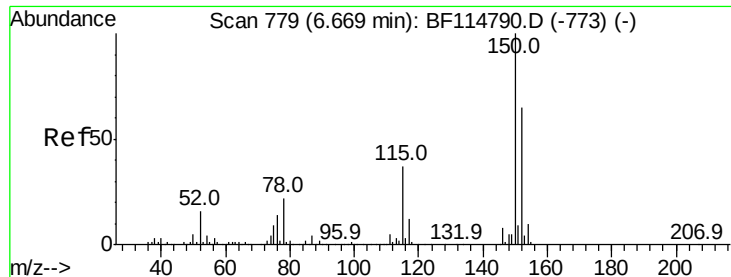
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114883.D
Acq On : 7 Jun 2019 00:41
Operator : HP/JU
Sample : K3156-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-060519

Quant Time: Jun 07 04:00:35 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



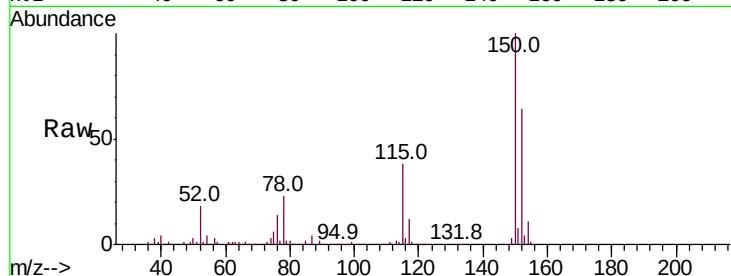


#1

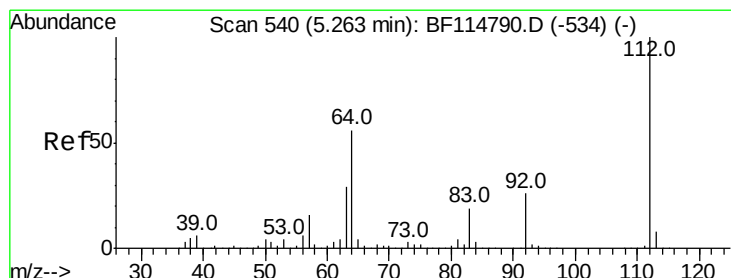
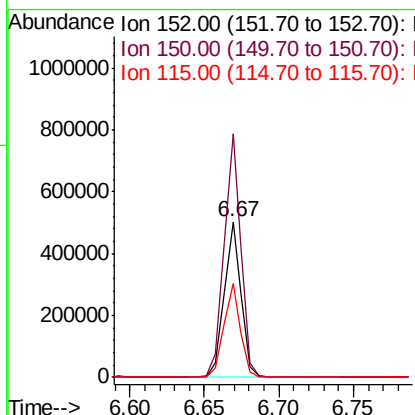
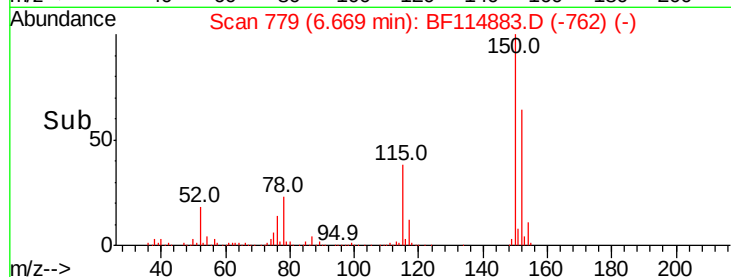
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114883.D
Acq: 7 Jun 2019 00:41

Instrument :
BNA_F
ClientSampleId :
HD-02-060519

Tot Ion:152 Resp: 400242
Ion Ratio Lower Upper
152 100
150 156.7 124.0 186.0
115 60.3 46.3 69.5



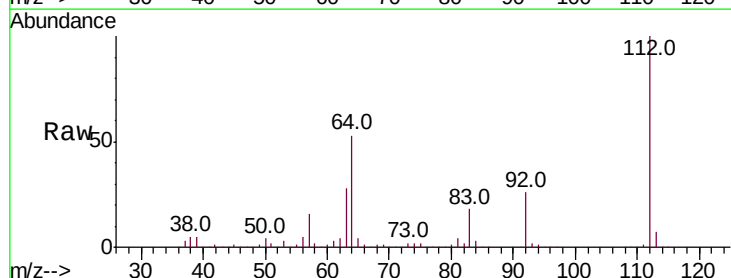
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



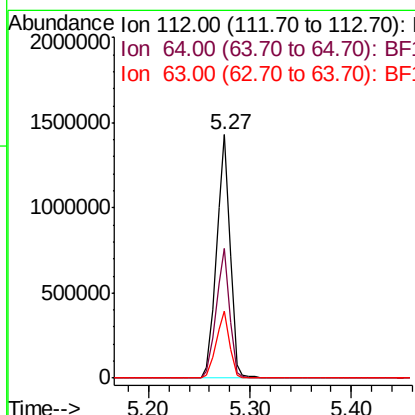
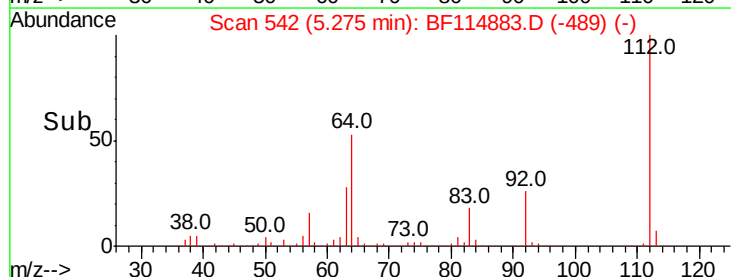
#5

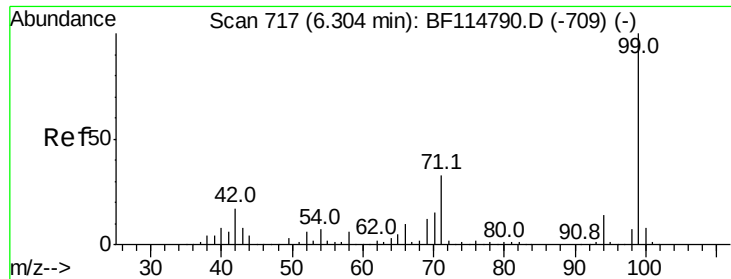
2-Fluorophenol
Concen: 57.795 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114883.D
Acq: 7 Jun 2019 00:41

Tgt Ion:112 Resp: 1323841
Ion Ratio Lower Upper
112 100
64 53.2 44.6 66.8
63 27.6 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: 58.288 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114883.D

Acq: 7 Jun 2019 00:41

Instrument :

BNA_F

ClientSampleId :

HD-02-060519

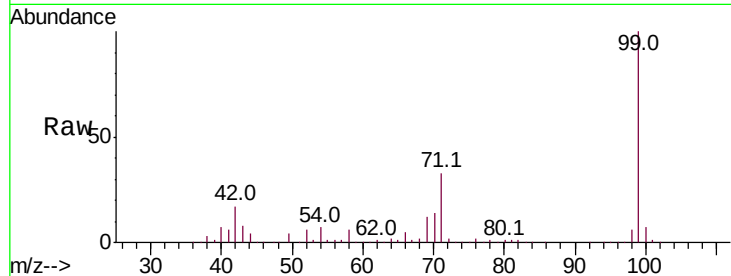
Tot Ion: 99 Resp: 1624579

Ion Ratio Lower Upper

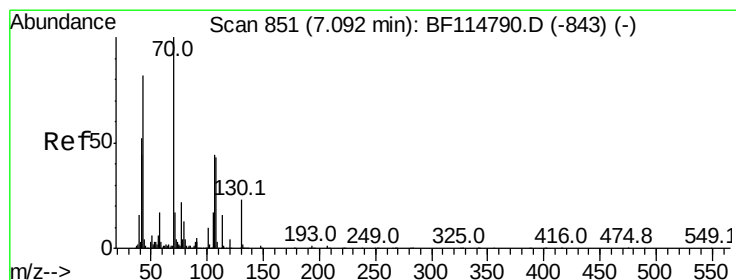
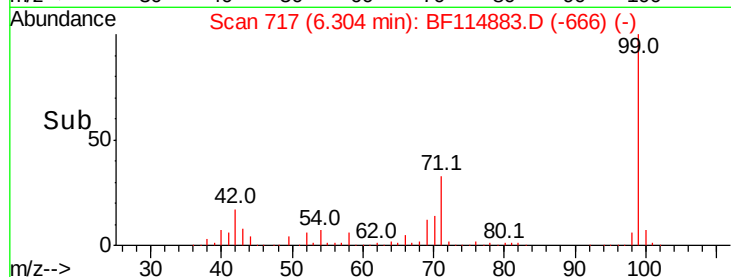
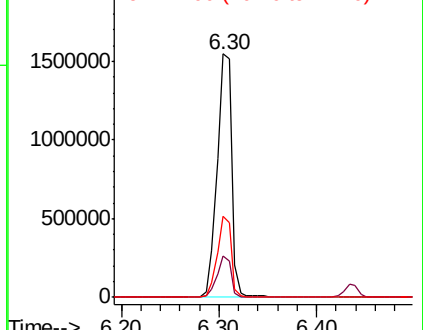
99 100

42 17.0 13.3 19.9

71 33.4 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: 6.877 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114883.D

Acq: 7 Jun 2019 00:41

Tgt Ion: 70 Resp: 126885

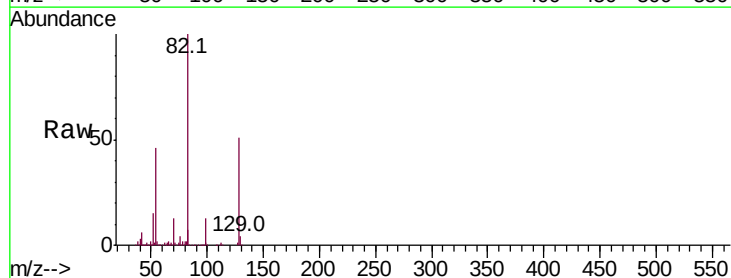
Ion Ratio Lower Upper

70 100

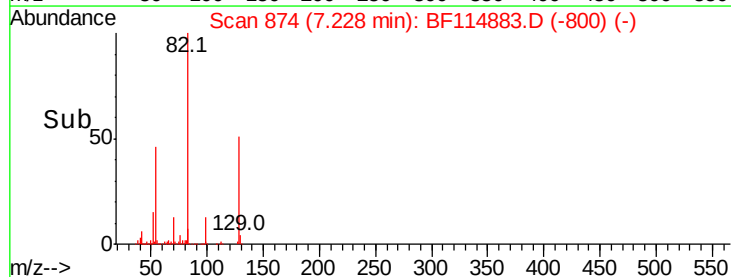
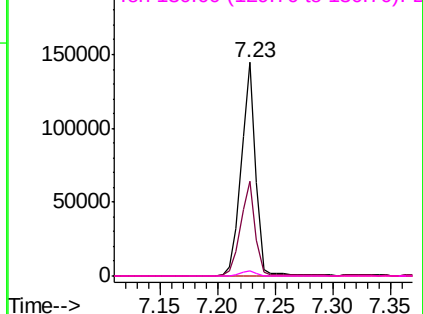
42 44.6 41.8 62.8

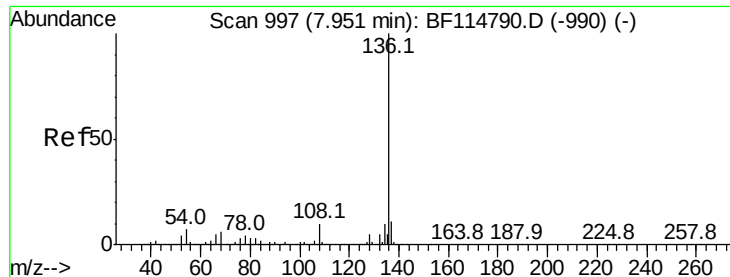
101 0.0 8.2 12.4#

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



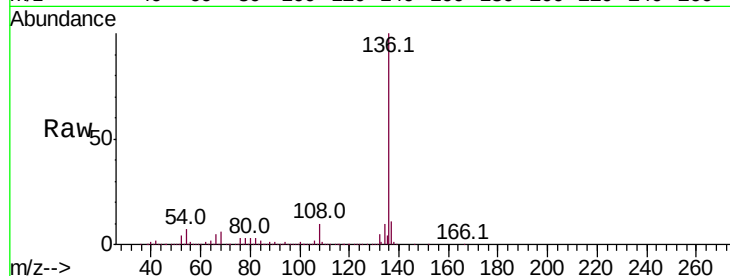


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114883.D
Acq: 7 Jun 2019 00:41

Instrument :
BNA_F
ClientSampleId :
HD-02-060519

Tot Ion:136 Resp: 1486426

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.8	5.4	8.0
68	5.8	4.6	6.8



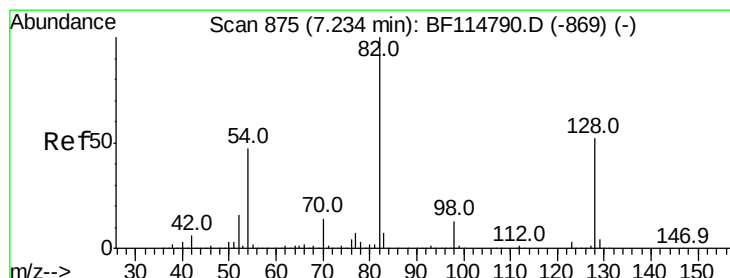
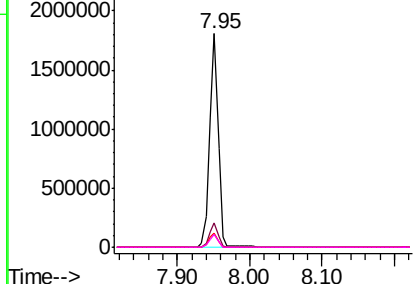
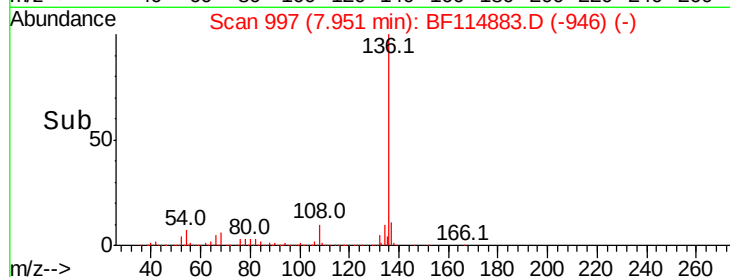
Abundance

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

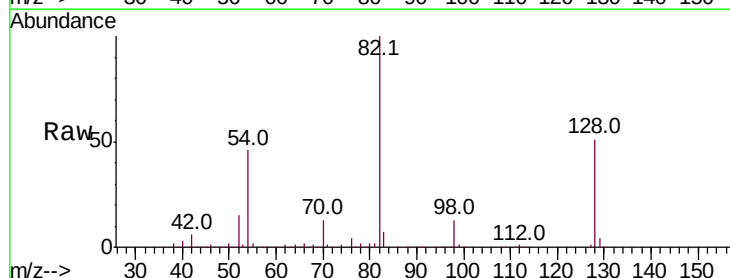
Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 39.201 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114883.D
Acq: 7 Jun 2019 00:41

Tgt Ion: 82 Resp: 946565

Ion	Ratio	Lower	Upper
82	100		
128	50.5	41.8	62.6
54	45.6	37.9	56.9

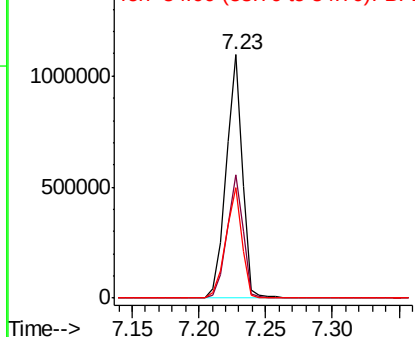
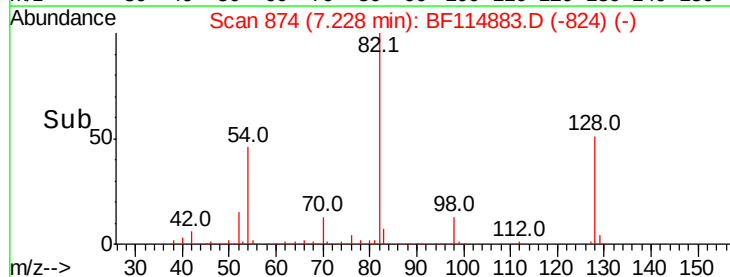


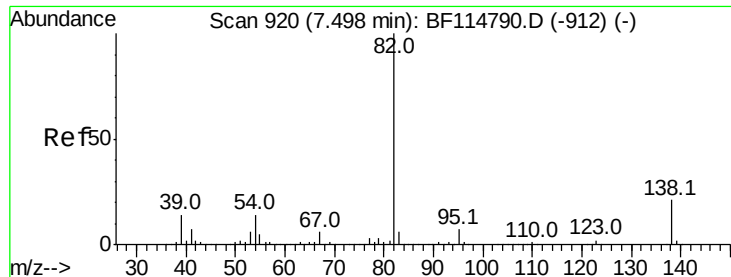
Abundance

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: 19.254 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114883.D

Acq: 7 Jun 2019 00:41

Instrument :

BNA_F

ClientSampleId :

HD-02-060519

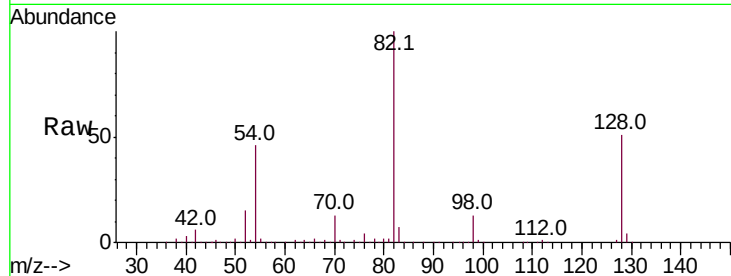
Tot Ion: 82 Resp: 919139

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

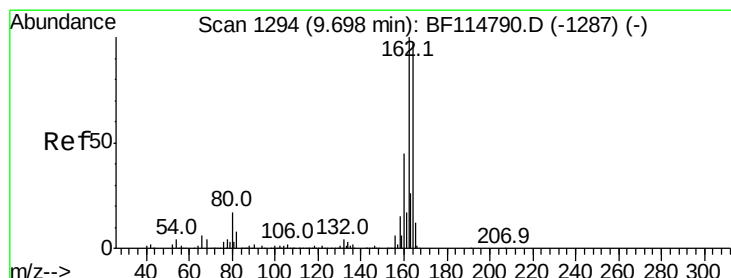
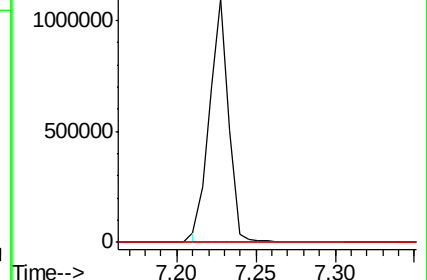
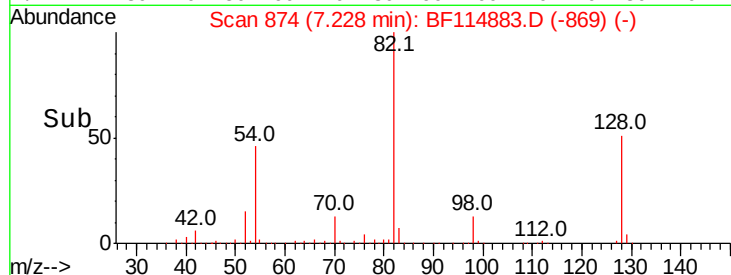
138 0.0 16.9 25.3#



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: BF114883.D

Acq: 7 Jun 2019 00:41

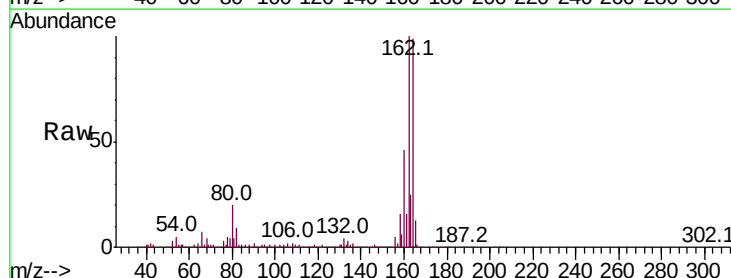
Tgt Ion:164 Resp: 660549

Ion Ratio Lower Upper

164 100

162 101.3 82.3 123.5

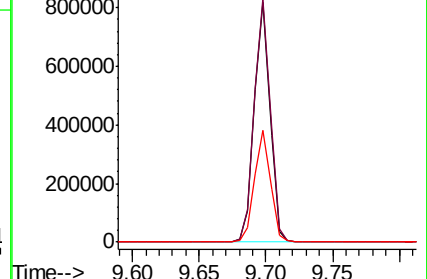
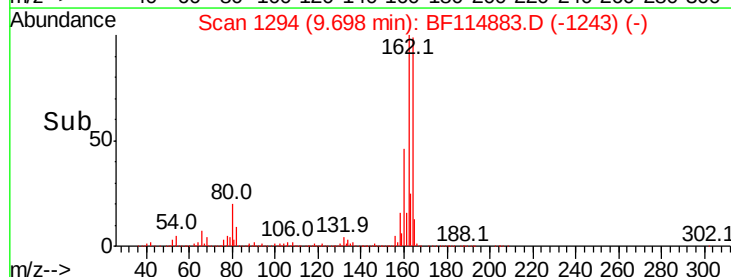
160 46.3 36.7 55.1

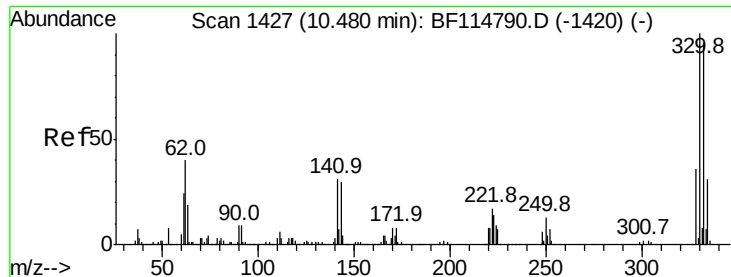


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

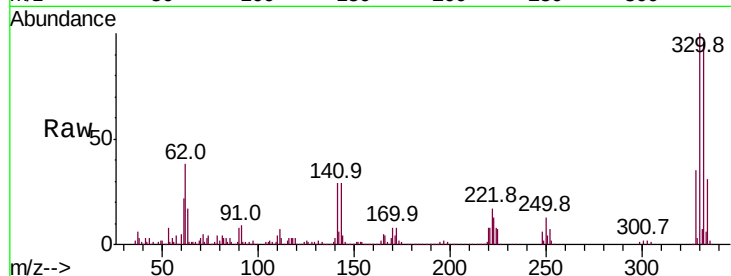




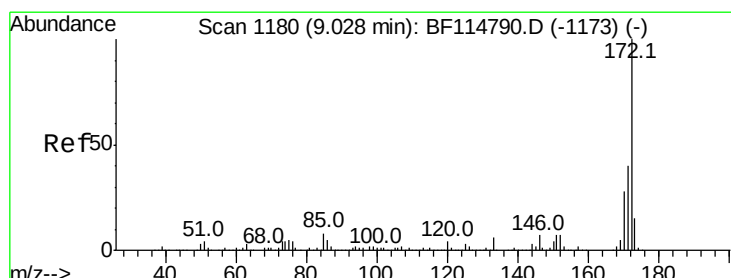
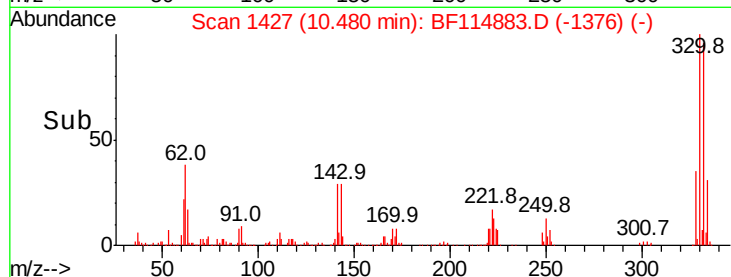
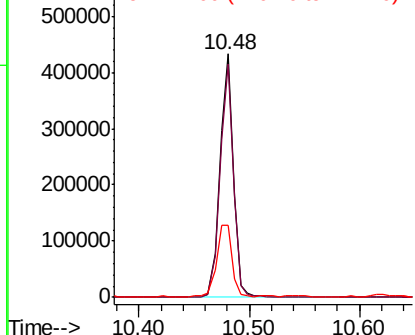
#42
 2,4,6-Tribromophenol
 Concen: 51.797 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114883.D
 Acq: 7 Jun 2019 00:41

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-060519

Tot Ion:330 Resp: 368712
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 33.1 26.2 39.4

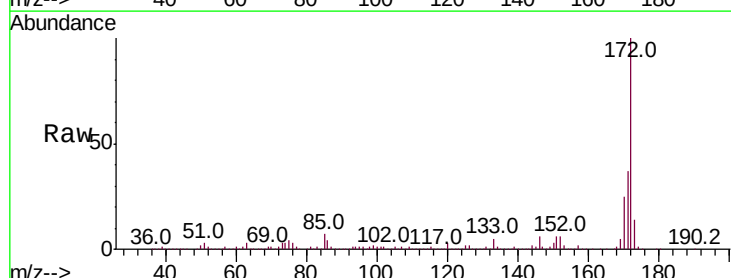


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

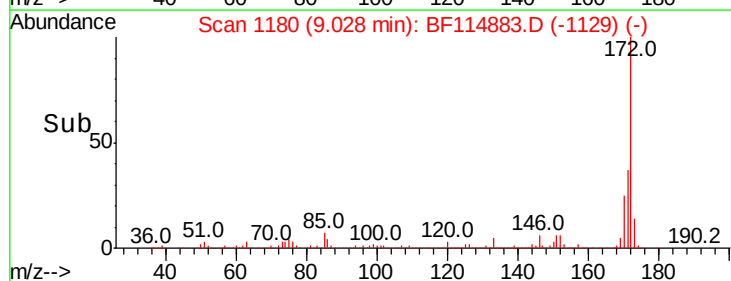
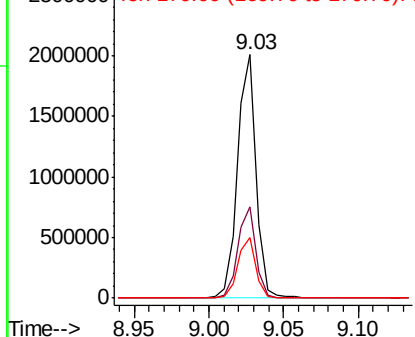


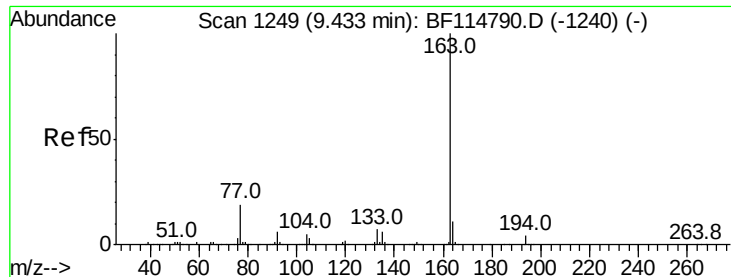
#45
 2-Fluorobiphenyl
 Concen: 49.601 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114883.D
 Acq: 7 Jun 2019 00:41

Tgt Ion:172 Resp: 1749020
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.3 48.5
 170 25.0 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: 4.478 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114883.D

Acq: 7 Jun 2019 00:41

Instrument :

BNA_F

ClientSampleId :

HD-02-060519

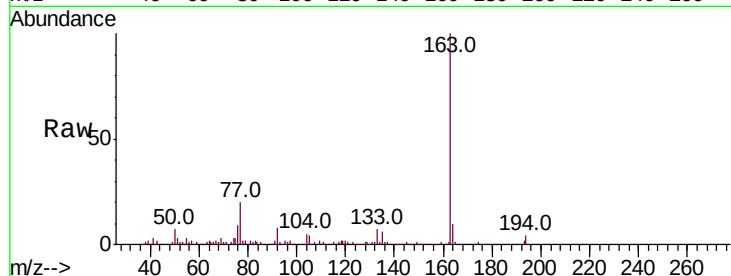
Tot Ion:163 Resp: 216048

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

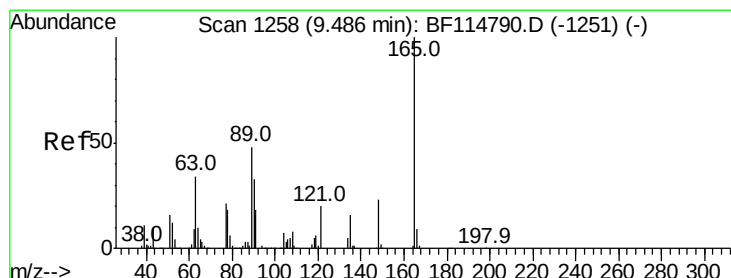
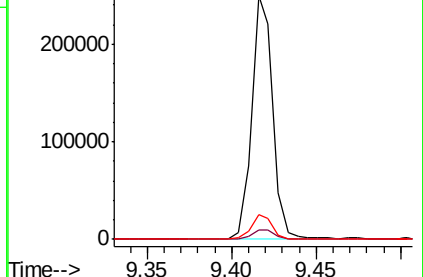
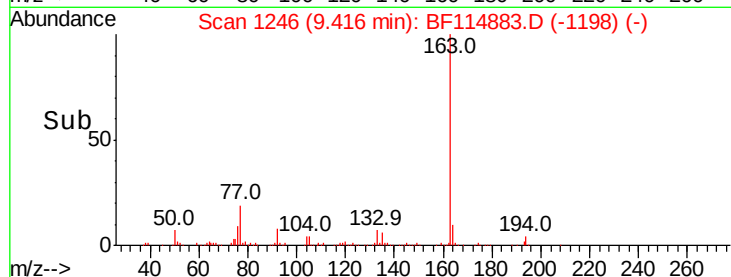
164 10.0 8.6 13.0



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: 7.745 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.21 min

Lab File: BF114883.D

Acq: 7 Jun 2019 00:41

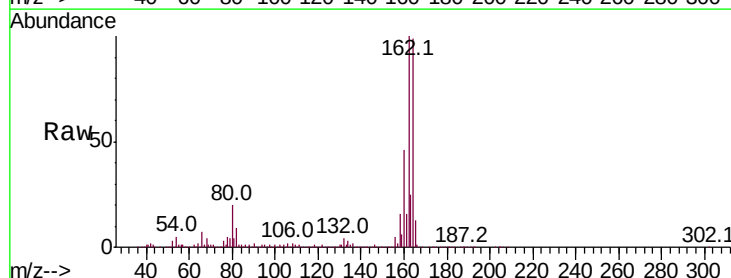
Tgt Ion:165 Resp: 87876

Ion Ratio Lower Upper

165 100

63 1.3 35.1 52.7#

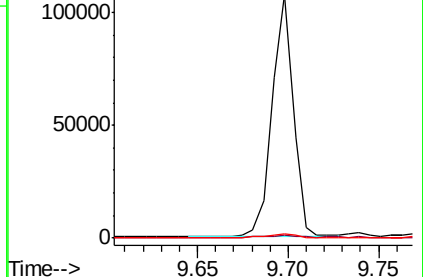
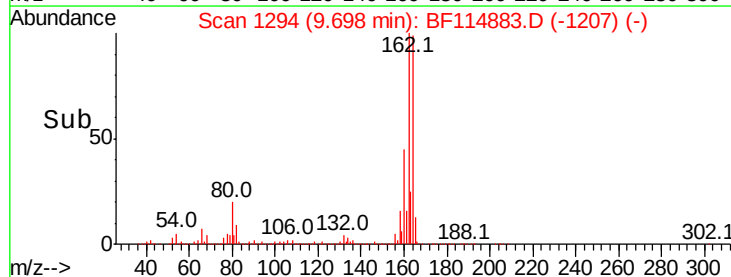
89 1.6 38.2 57.2#

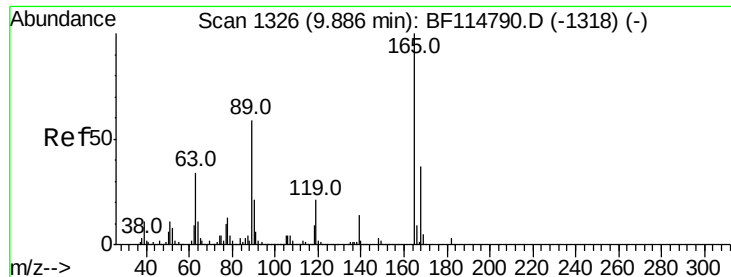


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

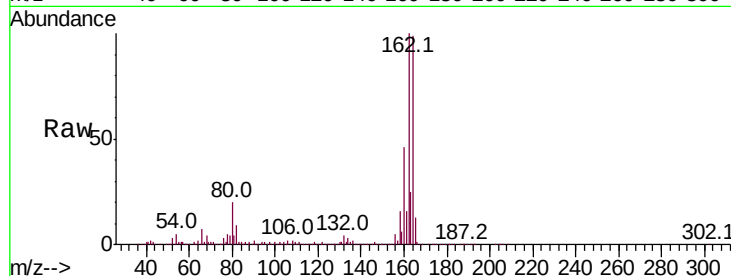




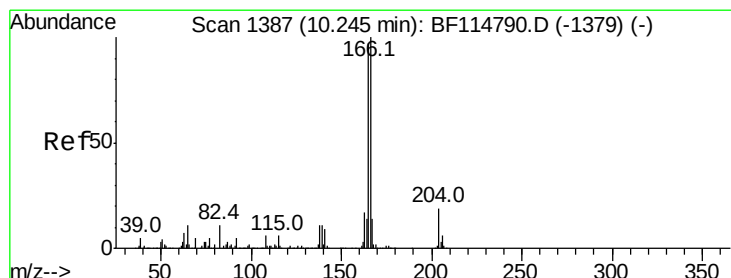
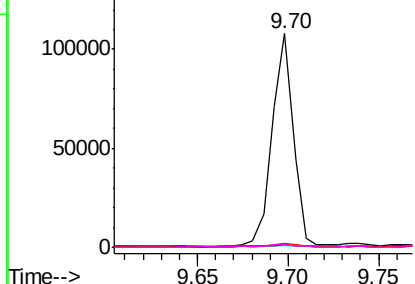
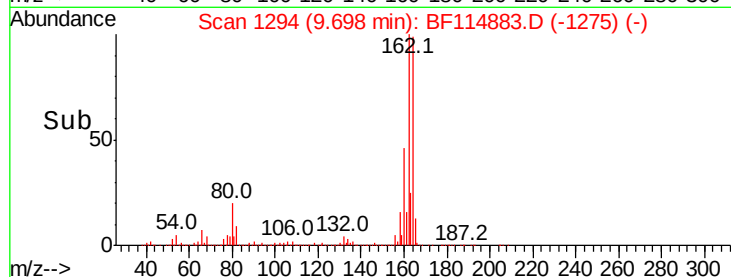
#57
2,4-Dinitrotoluene
Concen: 6.161 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.19 min
Lab File: BF114883.D
Acq: 7 Jun 2019 00:41

Instrument :
BNA_F
ClientSampleId :
HD-02-060519

Tot Ion:165 Resp: 87876
Ion Ratio Lower Upper
165 100
63 1.3 27.0 40.4#
89 1.6 47.0 70.6#
182 1.3 2.2 3.2#

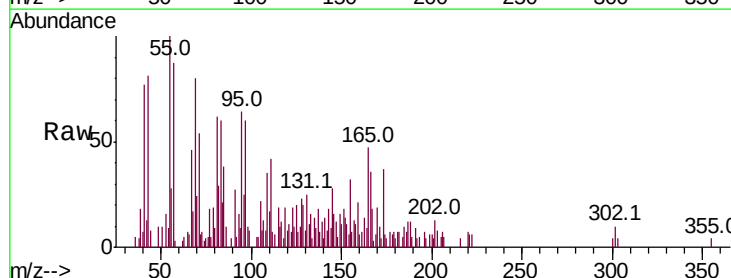


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

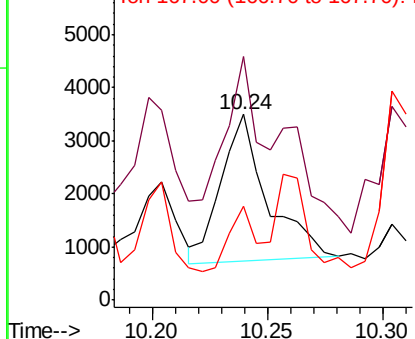
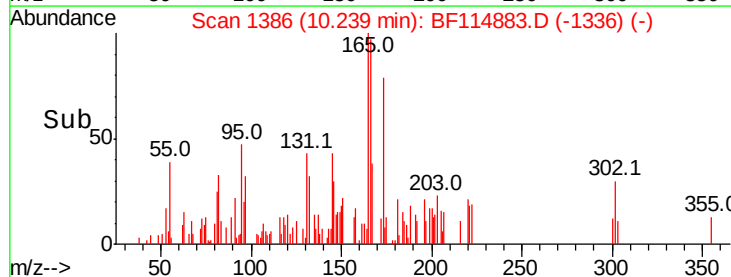


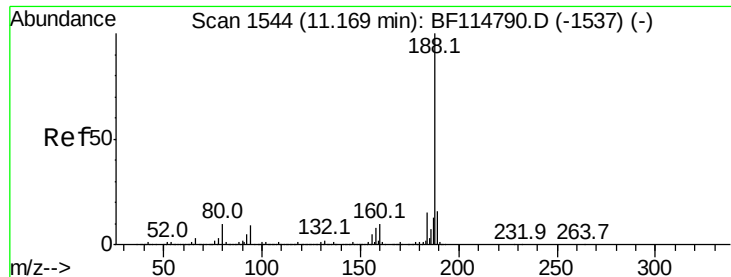
#58
Fluorene
Concen: Below Cal
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF114883.D
Acq: 7 Jun 2019 00:41

Tgt Ion:166 Resp: 3822
Ion Ratio Lower Upper
166 100
165 131.1 77.9 116.9#
167 50.8 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# 1544

Delta R.T. 0.00 min

Lab File: BF114883.D

Acq: 7 Jun 2019 00:41

Instrument :

BNA_F

ClientSampleId :

HD-02-060519

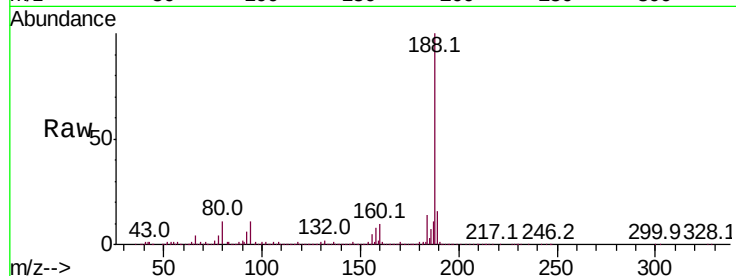
Tot Ion:188 Resp: 1101266

Ion Ratio Lower Upper

188 100

94 10.9 7.6 11.4

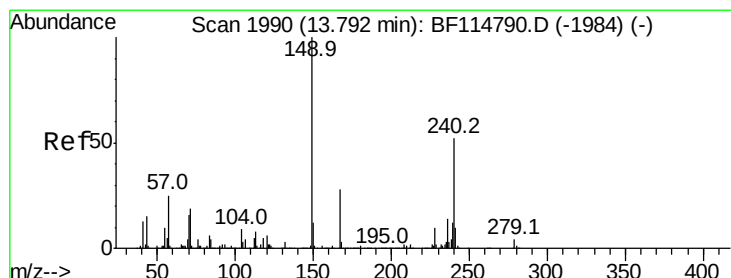
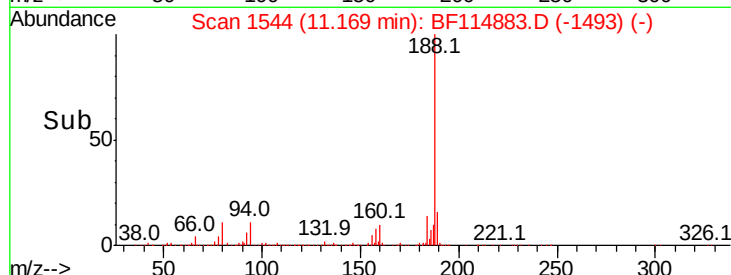
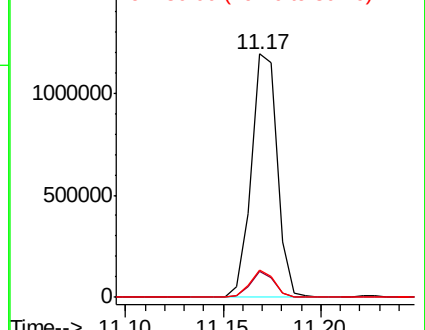
80 11.4 8.3 12.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114883.D

Acq: 7 Jun 2019 00:41

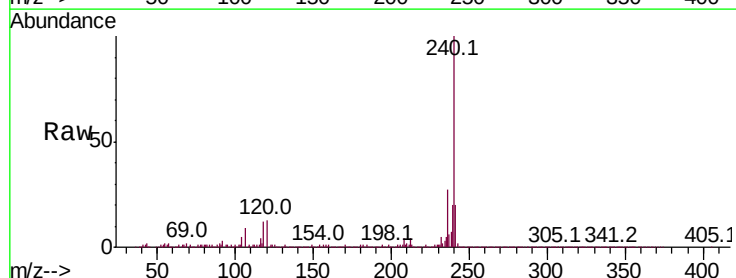
Tgt Ion:240 Resp: 743273

Ion Ratio Lower Upper

240 100

120 13.1 9.0 13.4

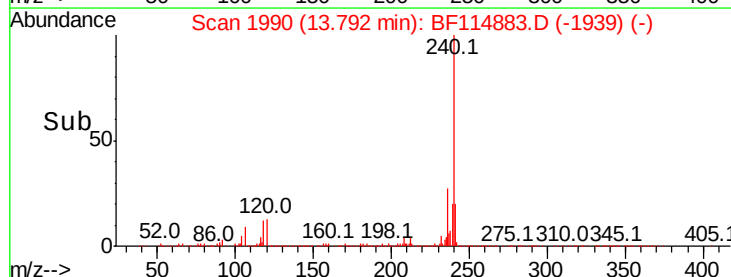
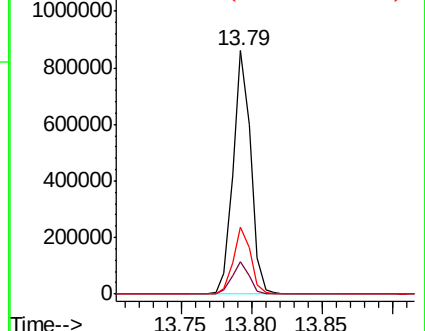
236 27.3 21.4 32.0

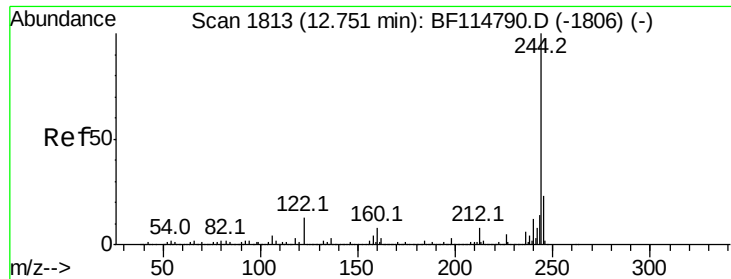


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 38.158 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114883.D

Acq: 7 Jun 2019 00:41

Instrument :

BNA_F

ClientSampleId :

HD-02-060519

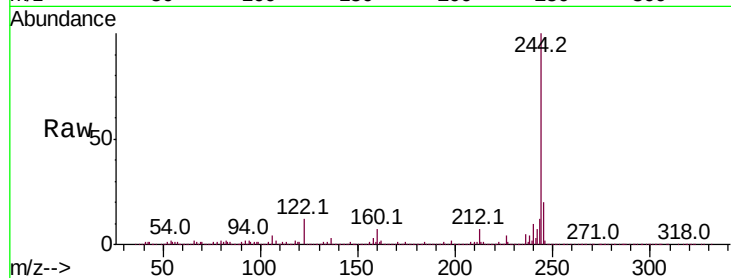
Tot Ion:244 Resp: 1458378

Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

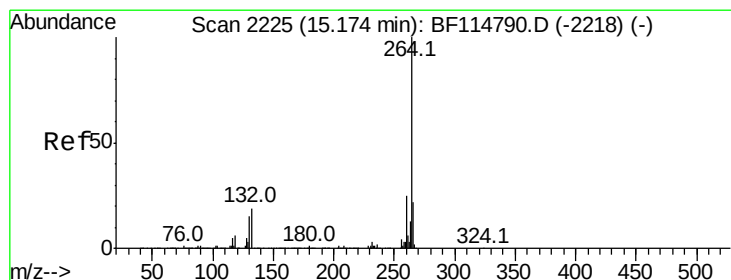
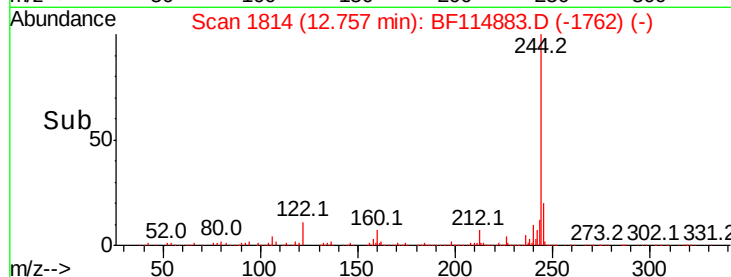
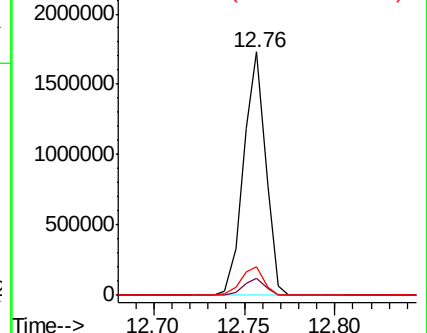
122 11.6 10.5 15.7



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: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF114883.D

Acq: 7 Jun 2019 00:41

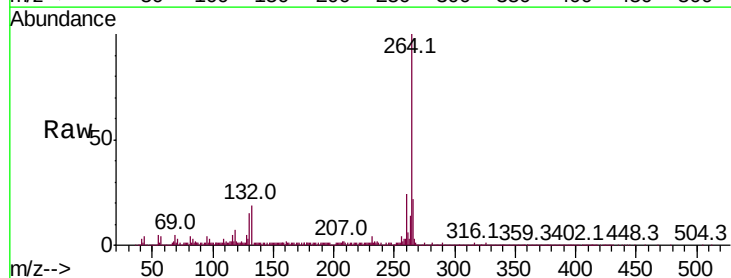
Tgt Ion:264 Resp: 628362

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 21.5 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

