

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114855.D
 Acq On : 6 Jun 2019 11:44
 Operator : HP/JU
 Sample : K3184-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTINGENCY-FOOTING

Quant Time: Jun 06 23:59:14 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

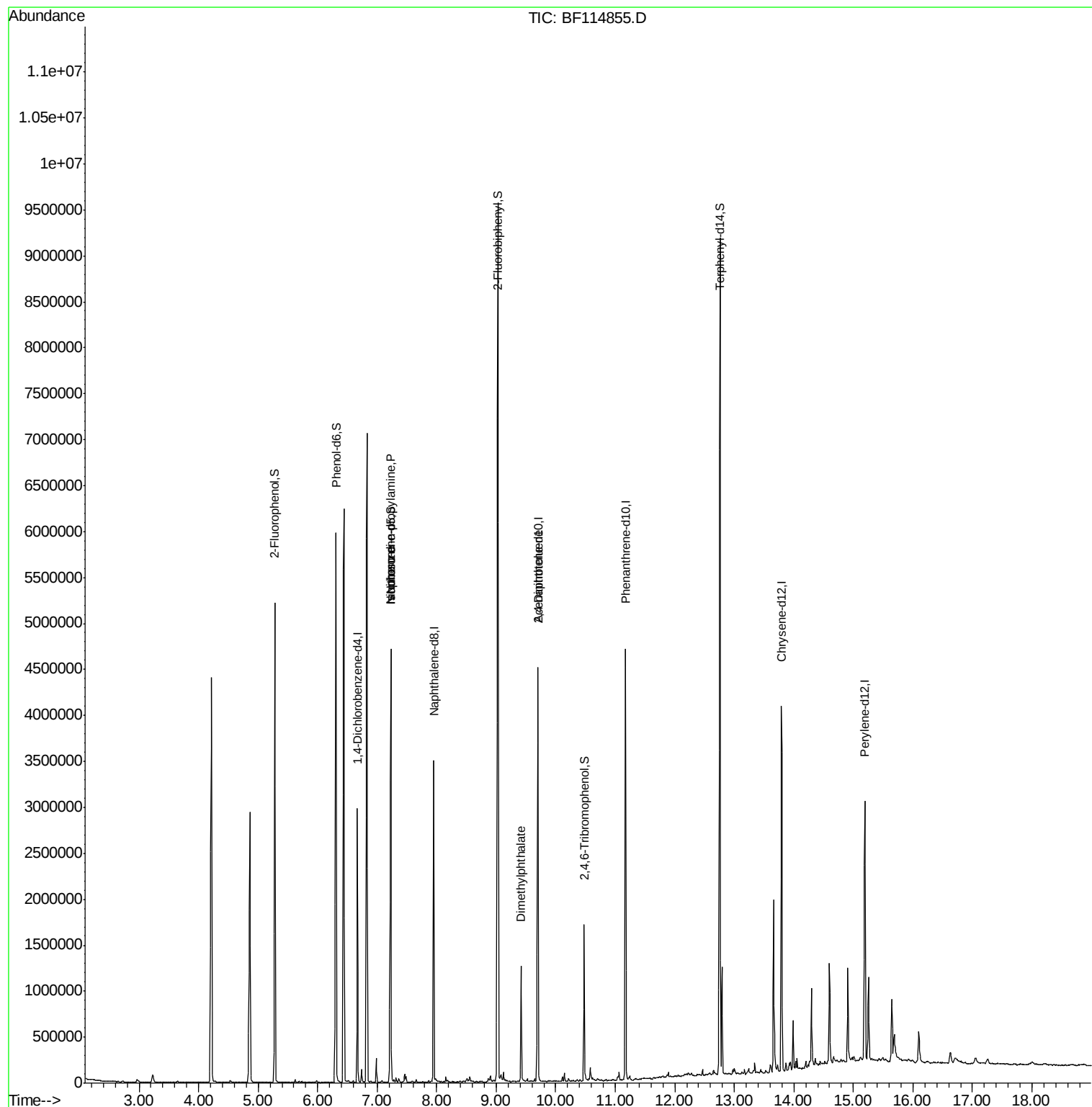
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	438381	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1752436	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	922027	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1814168	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1303961	20.00	ng	0.00
87) Perylene-d12	15.19	264	1231047	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1581400	63.03	ng	0.02
7) Phenol-d6	6.31	99	2461819	80.64	ng	0.00
23) Nitrobenzene-d5	7.23	82	1875703	65.89	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	199447	20.07	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3507151	71.25	ng	0.00
79) Terphenyl-d14	12.76	244	3813642	56.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	254149	12.577	ng	# 78
25) Isophorone	7.23	82	1749810	31.092	ng	# 61
50) Dimethylphthalate	9.42	163	531641	7.895	ng	98
57) 2,4-Dinitrotoluene	9.70	165	121600	6.108	ng	# 33
58) Fluorene	10.47	166	9580	Below Cal		# 88

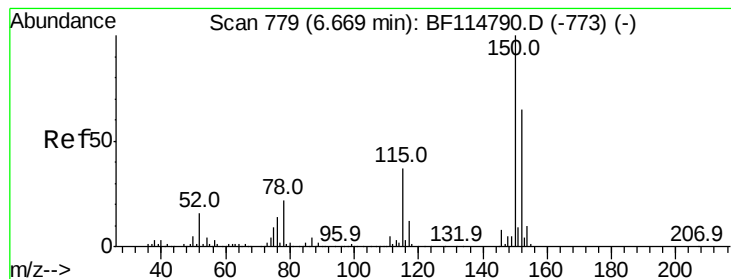
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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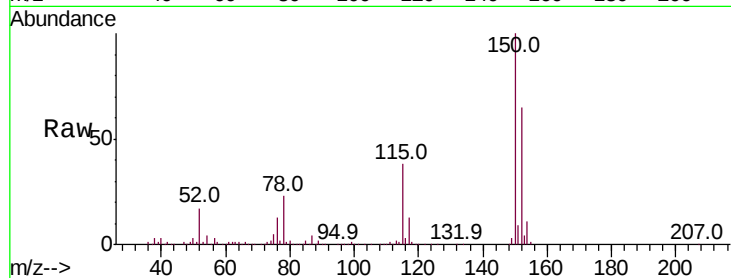


#1

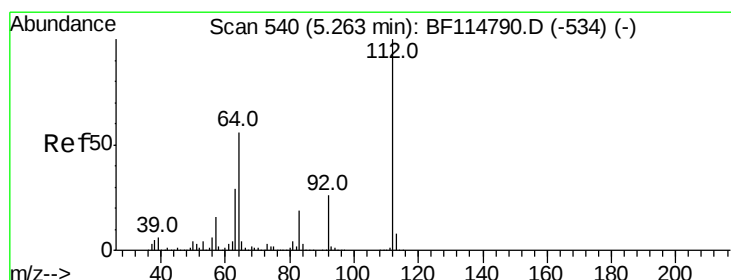
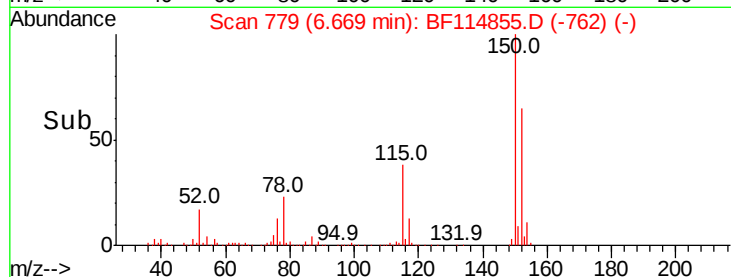
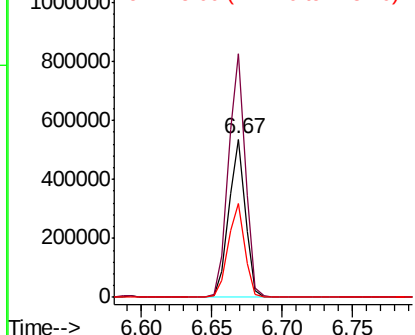
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114855.D
Acq: 6 Jun 2019 11:44

Instrument :
BNA_F
ClientSampleId :
CONTINGENCY-FOOTING

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.0	186.0
115	59.2	46.3	69.5



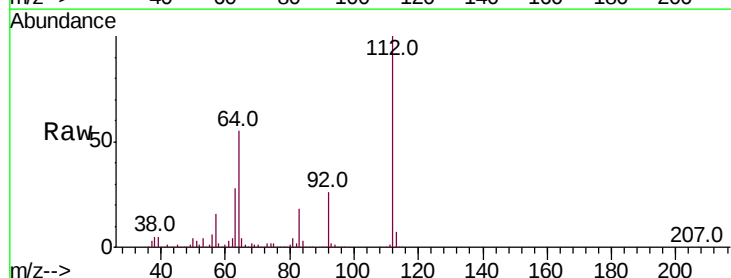
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



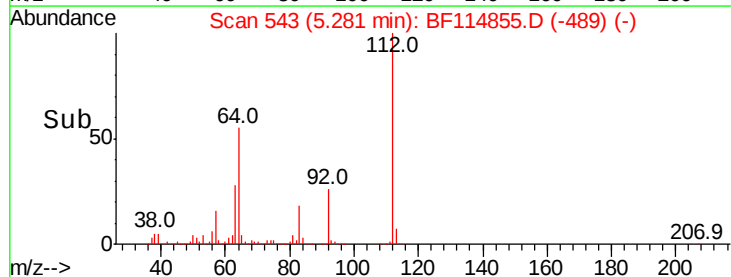
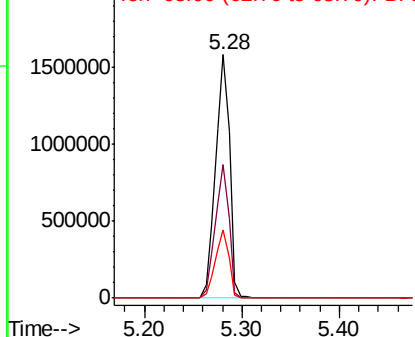
#5

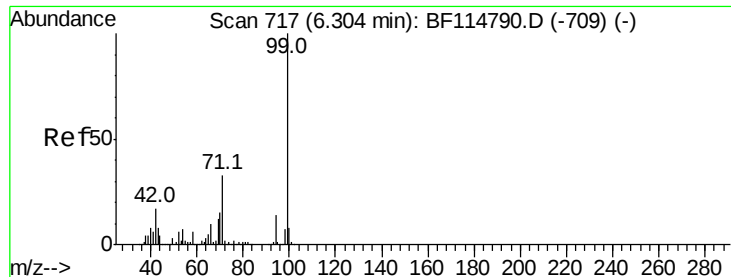
2-Fluorophenol
Concen: 63.033 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114855.D
Acq: 6 Jun 2019 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.6	66.8
63	28.1	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: 80.643 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

Instrument :

BNA_F

ClientSampleId :

CONTINGENCY-FOOTING

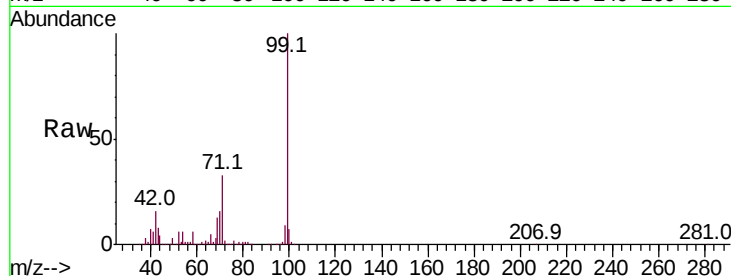
Tot Ion: 99 Resp: 2461819

Ion Ratio Lower Upper

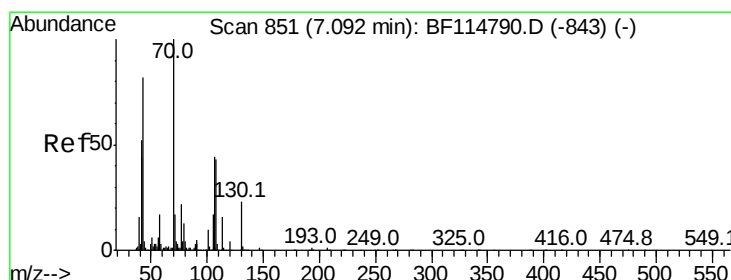
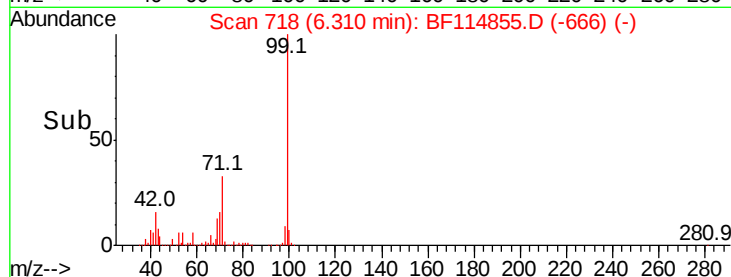
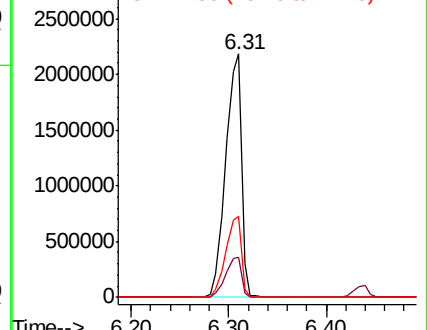
99 100

42 16.5 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: 12.577 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

Tgt Ion: 70 Resp: 254149

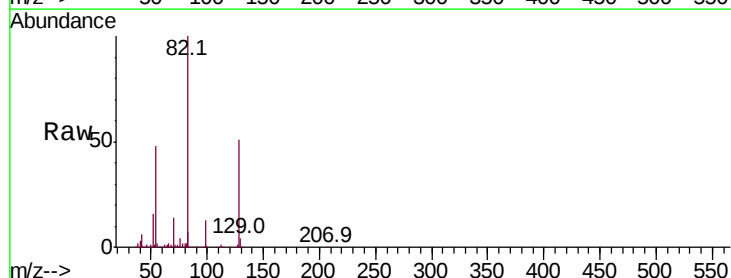
Ion Ratio Lower Upper

70 100

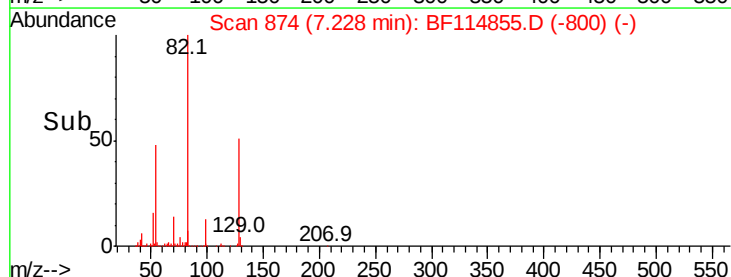
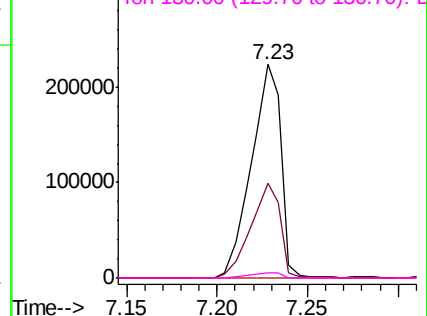
42 44.2 41.8 62.8

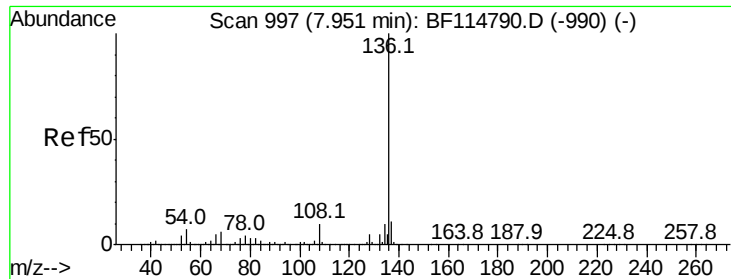
101 0.0 8.2 12.4#

130 2.5 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: BF114855.D

Acq: 6 Jun 2019 11:44

Instrument :

BNA_F

ClientSampleId :

CONTINGENCY-FOOTING

Tot Ion:136 Resp: 1752436

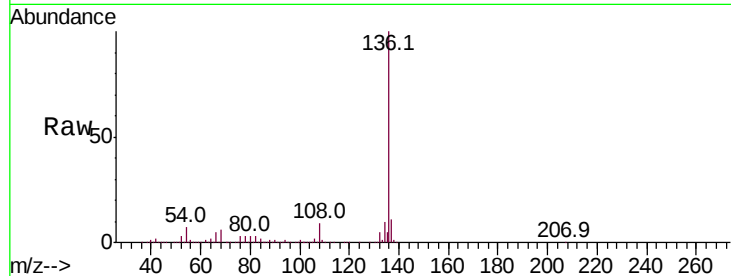
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.5	5.4	8.0
68	5.6	4.6	6.8

136 100

137 11.4 9.1 13.7

54 6.5 5.4 8.0

68 5.6 4.6 6.8

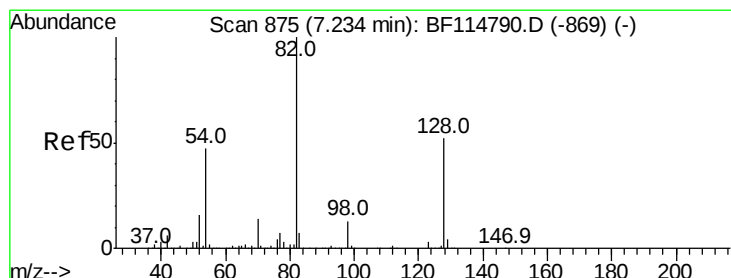
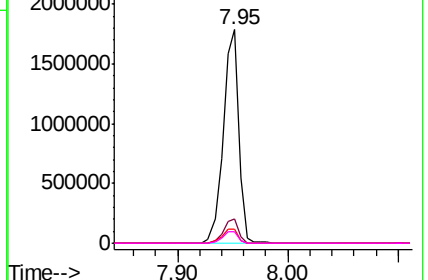
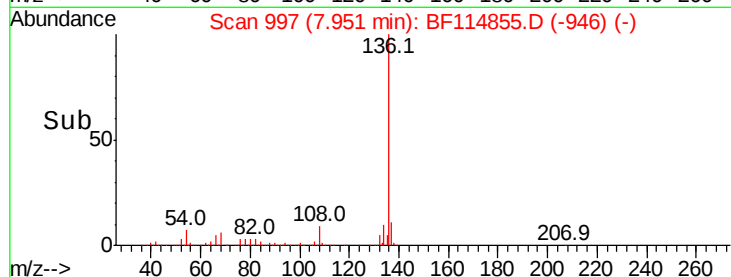


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.889 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

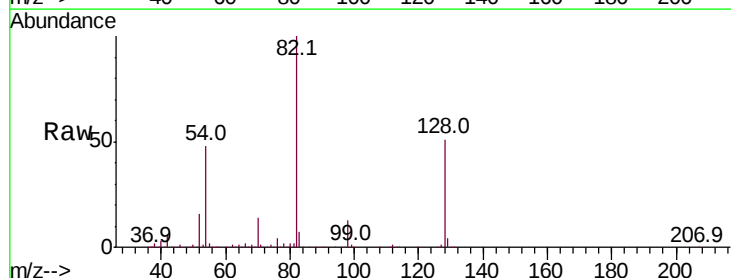
Tgt Ion: 82 Resp: 1875703

Ion	Ratio	Lower	Upper
82	100		
128	50.5	41.8	62.6
54	47.7	37.9	56.9

82 100

128 50.5 41.8 62.6

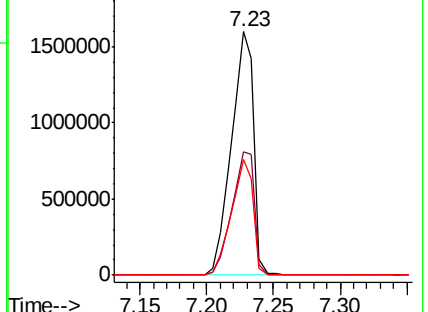
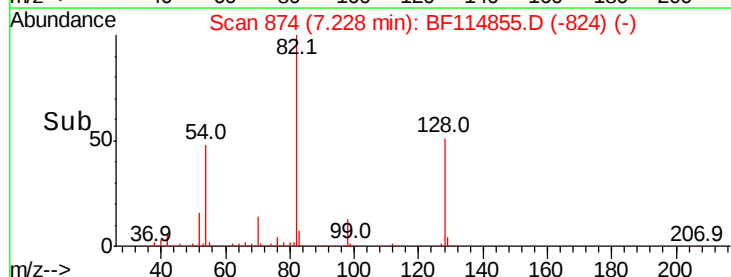
54 47.7 37.9 56.9

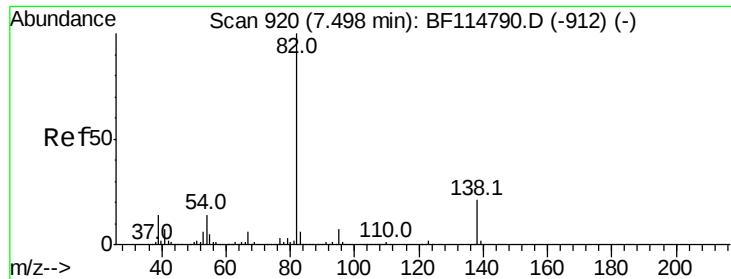


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.092 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

Instrument :

BNA_F

ClientSampleId :

CONTINGENCY-FOOTING

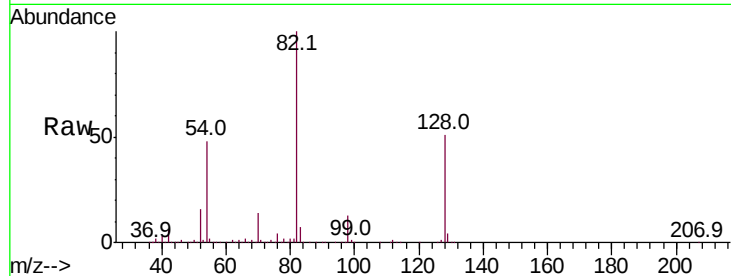
Tot Ion: 82 Resp: 1749810

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

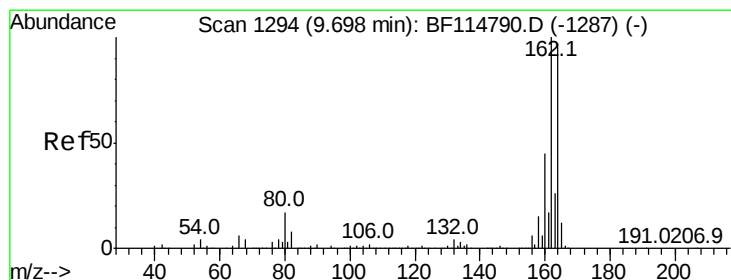
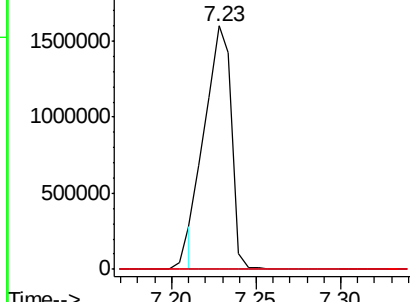
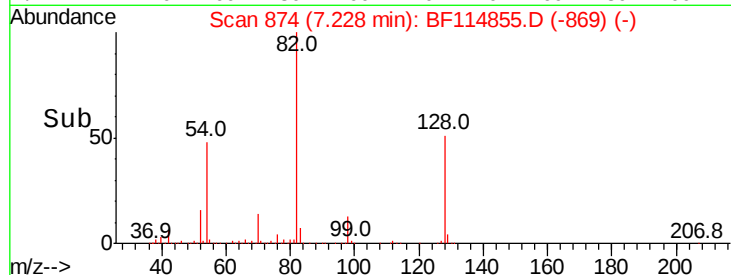
138 0.0 16.9 25.3#



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: BF114855.D

Acq: 6 Jun 2019 11:44

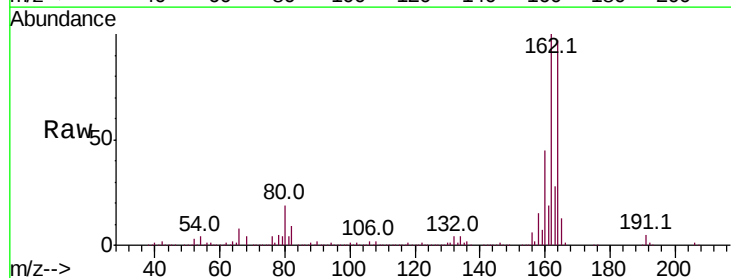
Tgt Ion:164 Resp: 922027

Ion Ratio Lower Upper

164 100

162 103.0 82.3 123.5

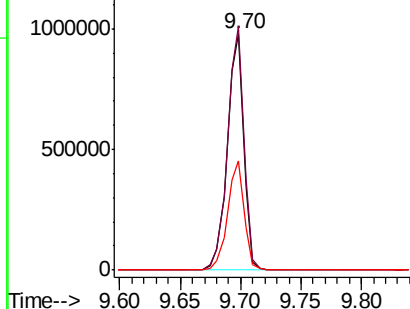
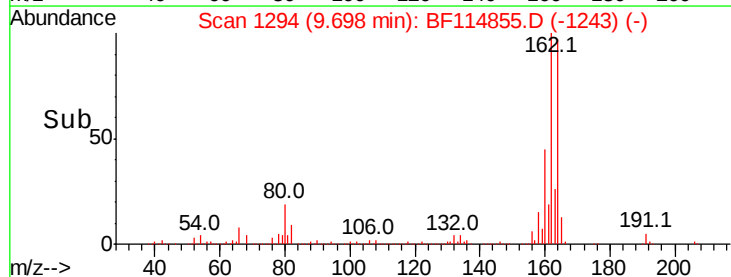
160 46.2 36.7 55.1

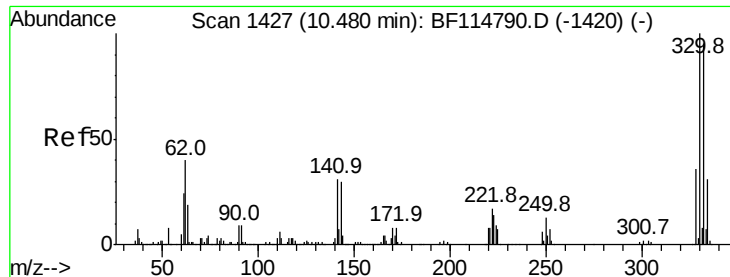


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 20.073 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

Instrument :

BNA_F

ClientSampleId :

CONTINGENCY-FOOTING

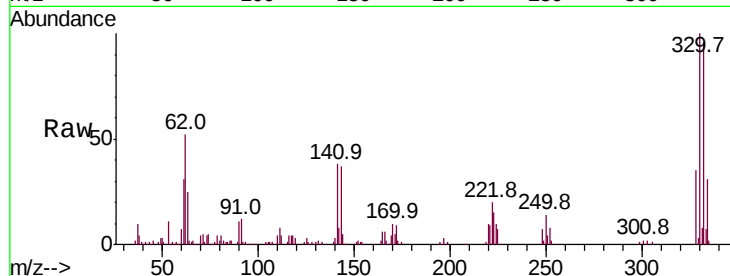
Tot Ion:330 Resp: 199447

Ion Ratio Lower Upper

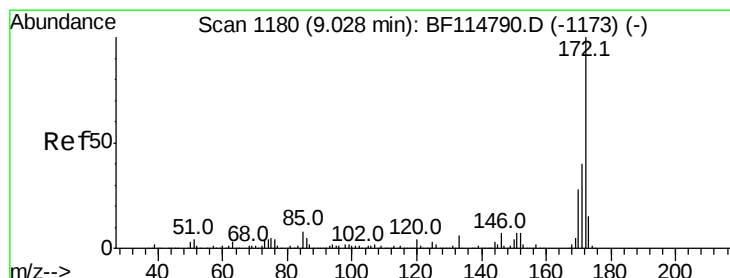
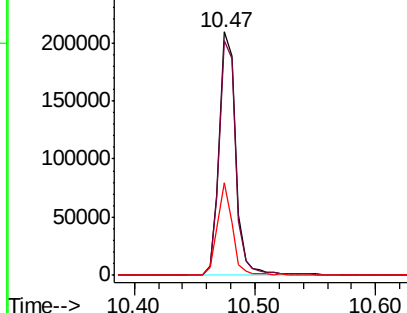
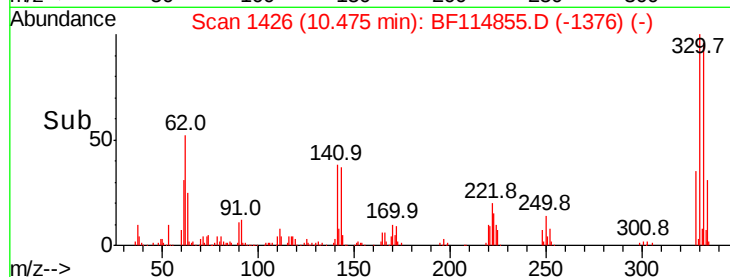
330 100

332 96.7 77.3 115.9

141 34.3 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: 71.254 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

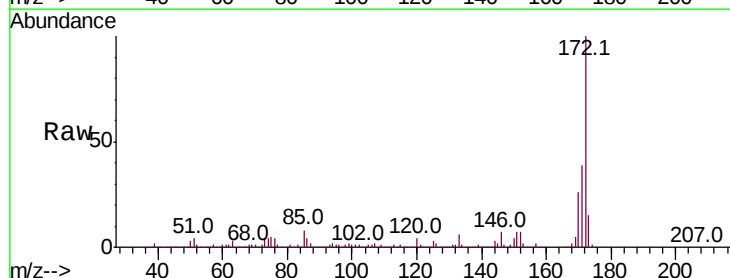
Tgt Ion:172 Resp: 3507151

Ion Ratio Lower Upper

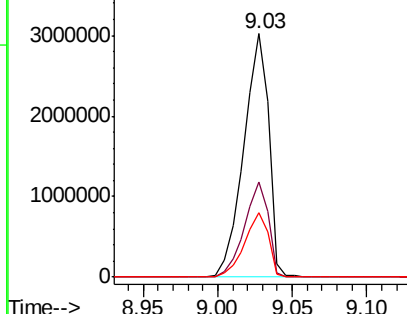
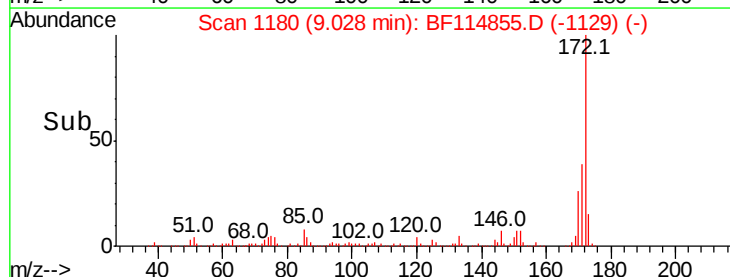
172 100

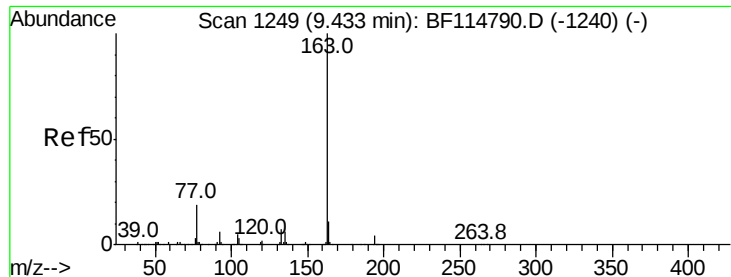
171 38.8 32.3 48.5

170 26.5 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: 7.895 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

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CONTINGENCY-FOOTING

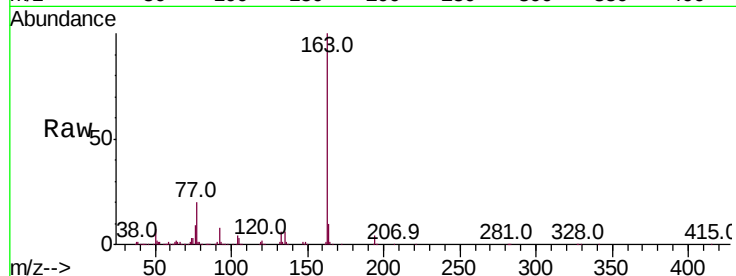
Tot Ion:163 Resp: 531641

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

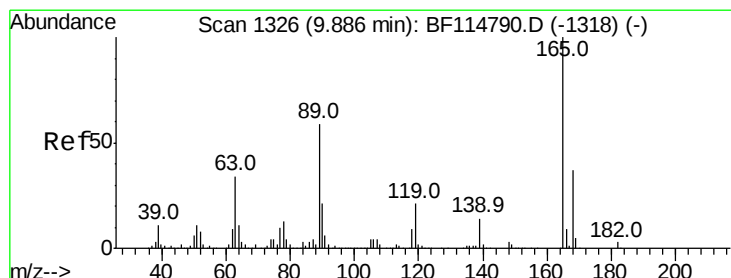
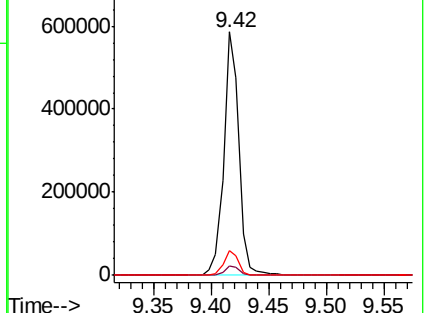
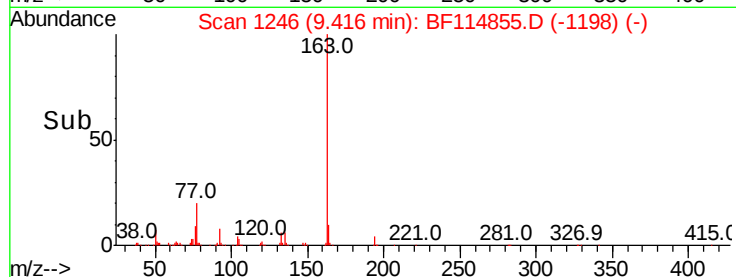
164 10.0 8.6 13.0



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



#57

2,4-Dinitrotoluene

Concen: 6.108 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.19 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

Tgt Ion:165 Resp: 121600

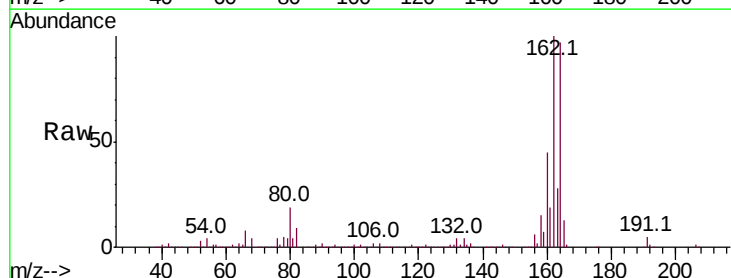
Ion Ratio Lower Upper

165 100

63 1.5 27.0 40.4#

89 1.8 47.0 70.6#

182 0.0 2.2 3.2#

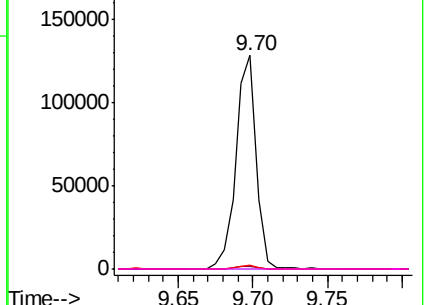
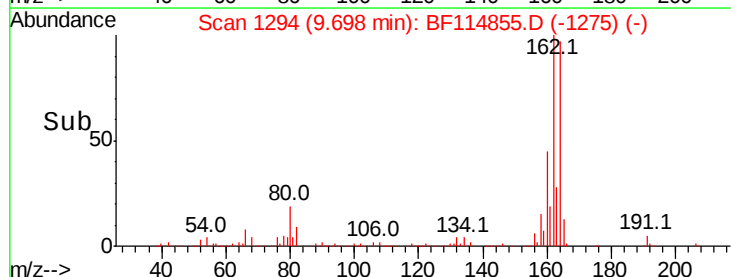


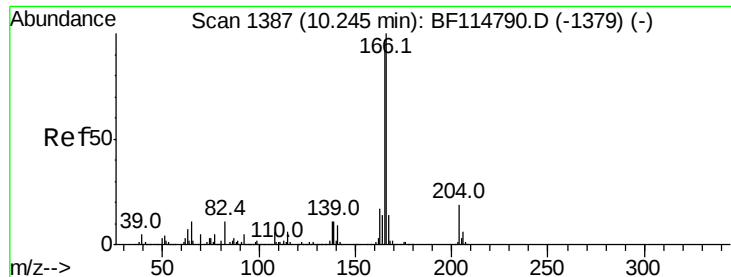
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.47 min Scan# 1426

Delta R.T. 0.23 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

Instrument :

BNA_F

ClientSampleId :

CONTINGENCY-FOOTING

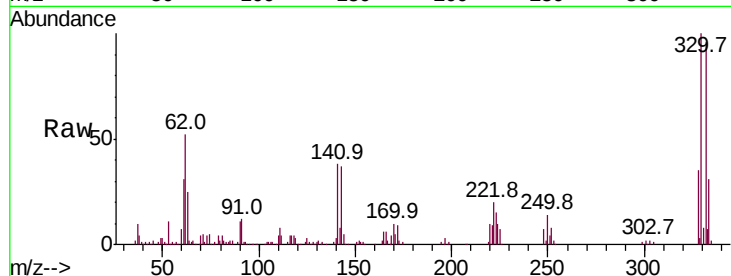
Tot Ion:166 Resp: 9580

Ion Ratio Lower Upper

166 100

165 104.0 77.9 116.9

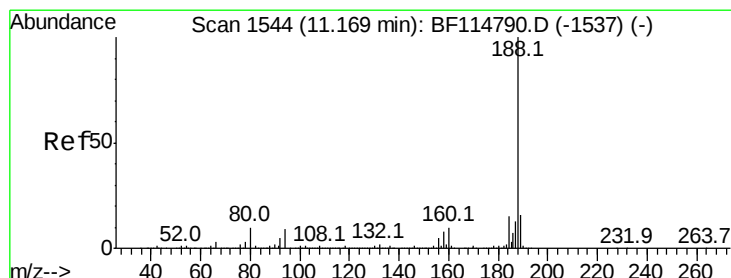
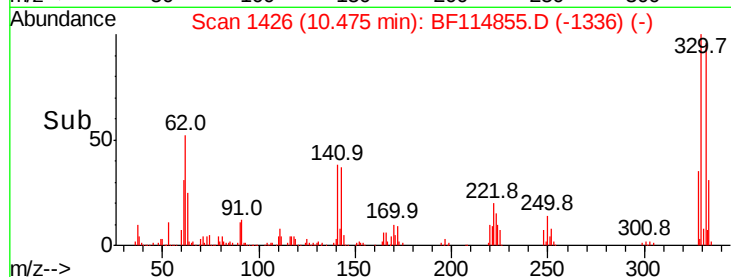
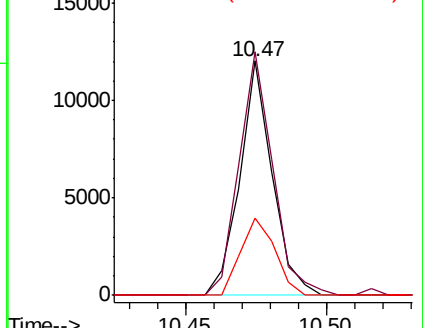
167 33.1 11.3 16.9#



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: BF114855.D

Acq: 6 Jun 2019 11:44

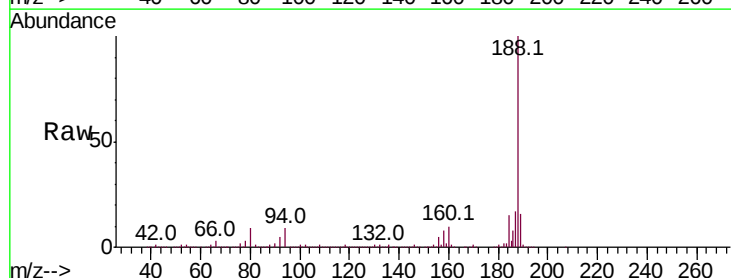
Tgt Ion:188 Resp: 1814168

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

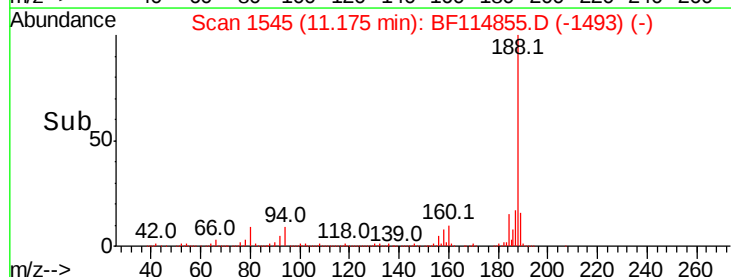
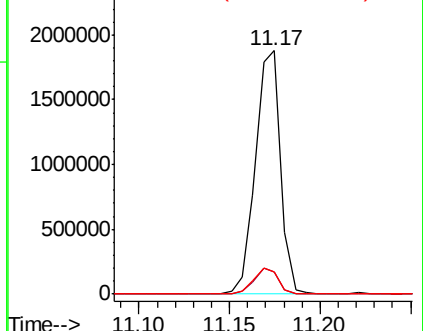
80 9.2 8.3 12.5

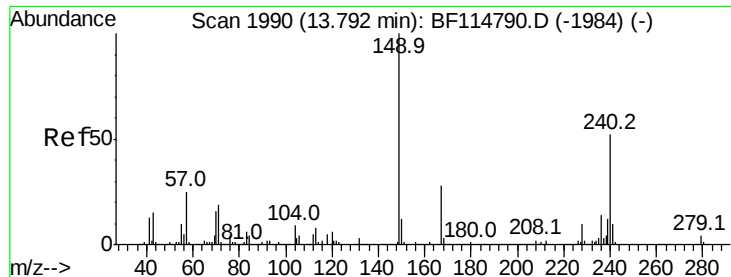


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

Instrument :

BNA_F

ClientSampleId :

CONTINGENCY-FOOTING

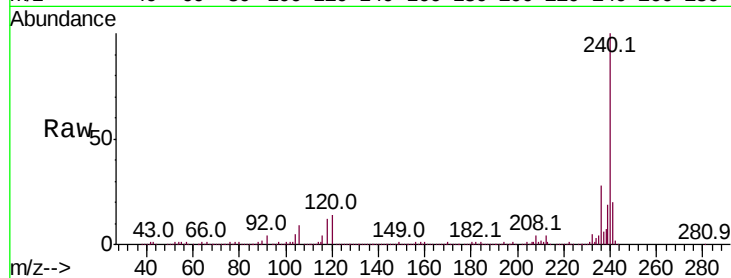
Tot Ion:240 Resp: 1303961

Ion Ratio Lower Upper

240 100

120 13.7 9.0 13.4#

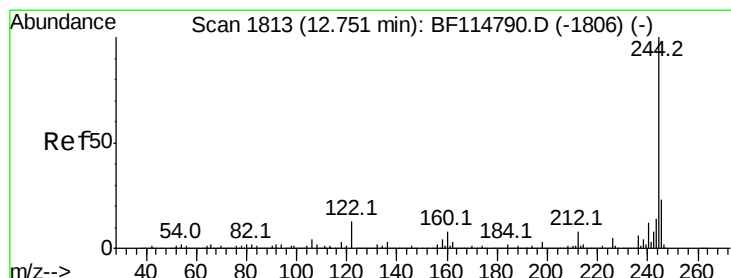
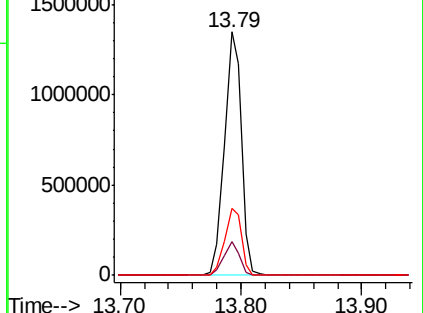
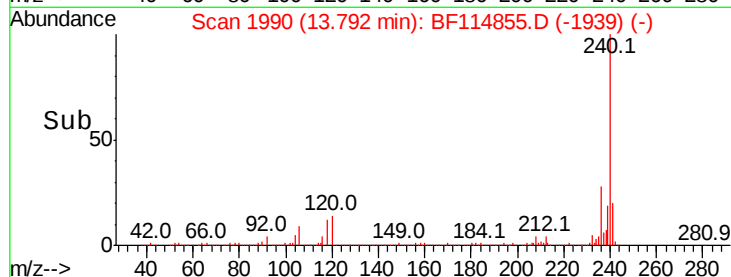
236 27.7 21.4 32.0



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: 56.878 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

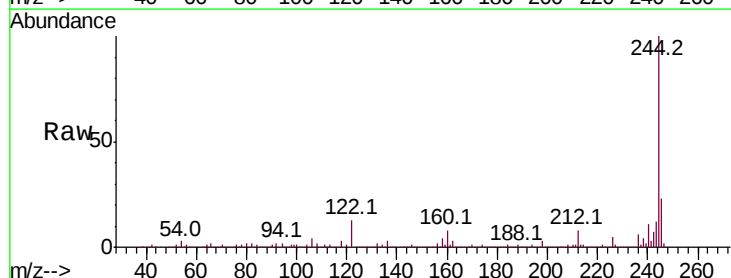
Tgt Ion:244 Resp: 3813642

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

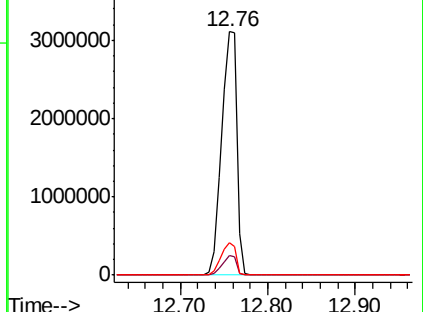
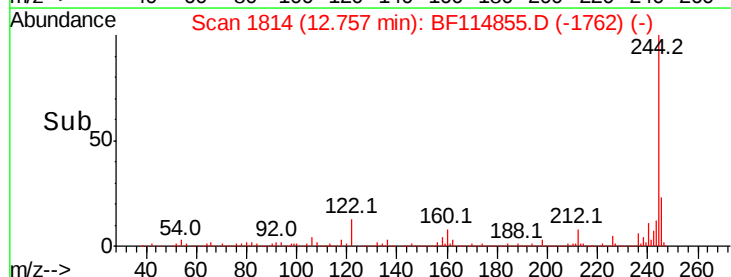
122 13.1 10.5 15.7

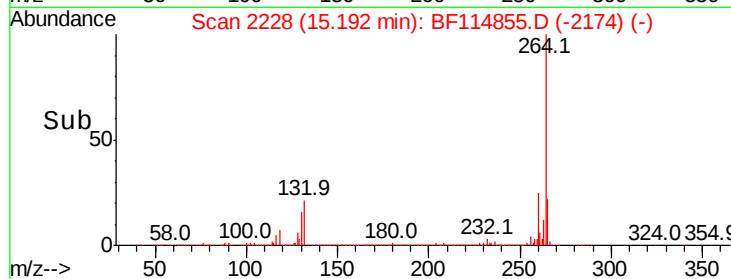
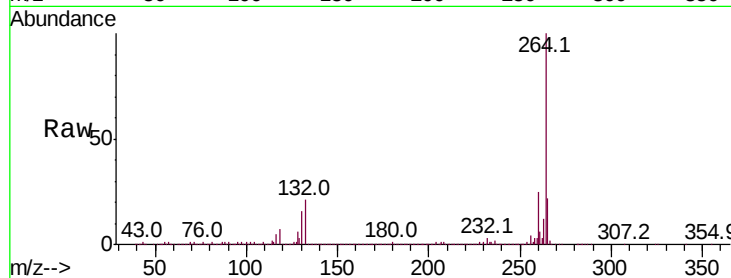
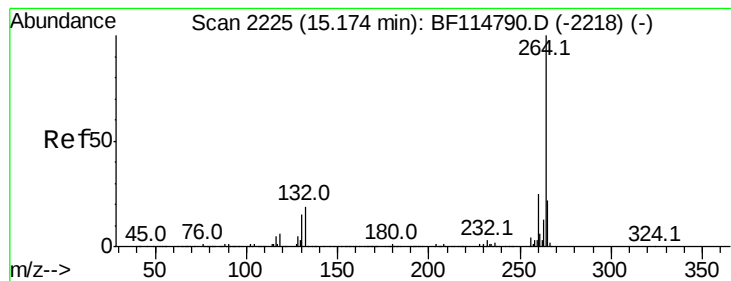


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.19 min Scan# 2228

Delta R.T. 0.02 min

Lab File: BF114855.D

Acq: 6 Jun 2019 11:44

Instrument :

BNA_F

ClientSampleId :

CONTINGENCY-FOOTING

Tot Ion:264 Resp: 1231047

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 22.2 17.7 26.5

