

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119368.D
 Acq On : 12 Mar 2020 2:07
 Operator : CG/JU
 Sample : L1874-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:13:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

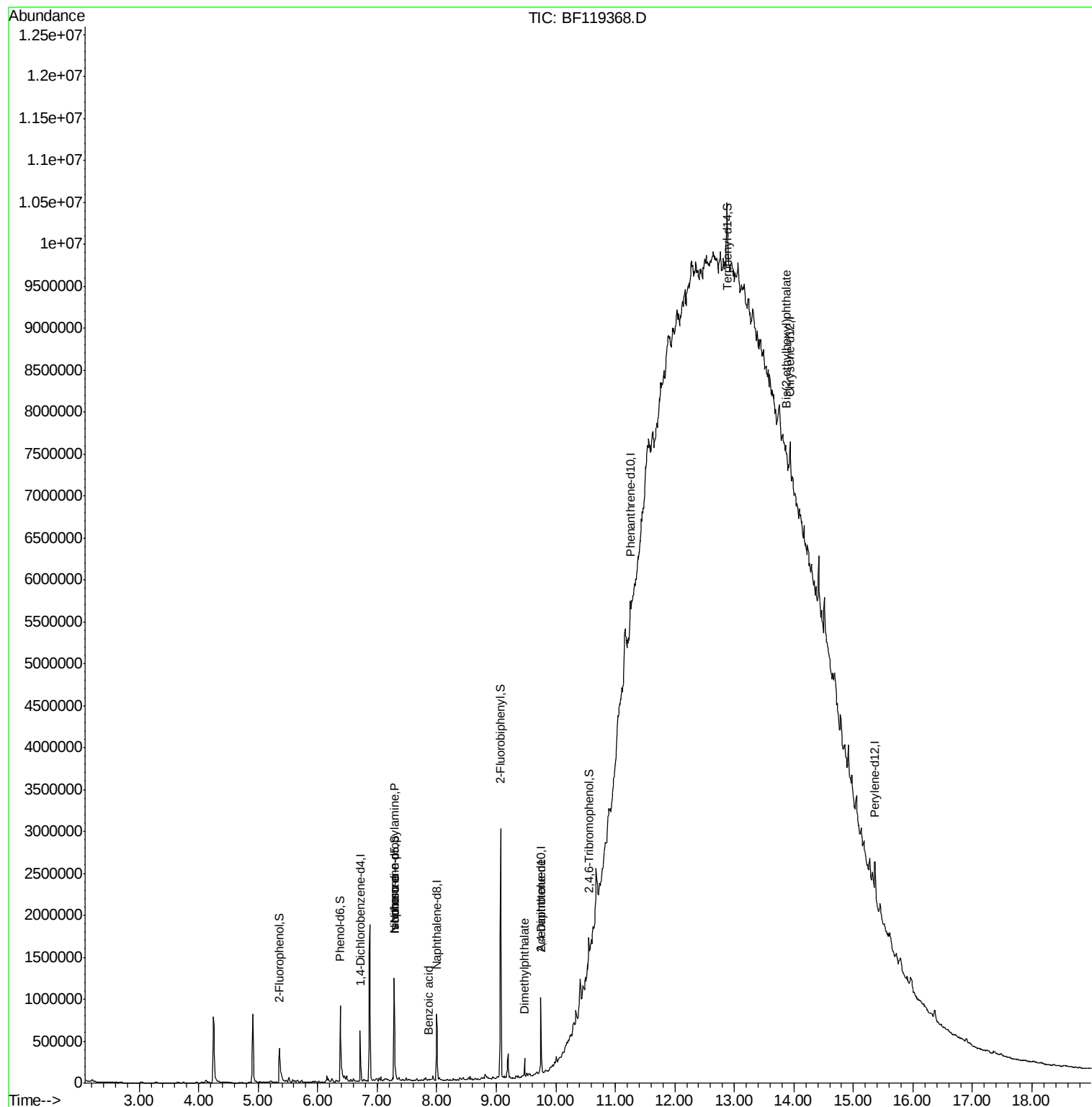
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	96134	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	365107	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	177390	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	208029	20.00	ng	0.00
76) Chrysene-d12	13.94	240	174371	20.00	ng	0.05
87) Perylene-d12	15.36	264	206873	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	222150	38.62	ng	0.00
7) Phenol-d6	6.38	99	472714	67.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	437726	63.30	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	46037	19.84	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	890363	73.94	ng	-0.01
79) Terphenyl-d14	12.88	244	693040	68.43	ng	0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	59080	14.492	ng	# 76
25) Isophorone	7.29	82	437726	36.449	ng	# 63
32) Benzoic acid	7.86	122	2039	7.169	ng	# 76
50) Dimethylphthalate	9.47	163	77171	5.689	ng	# 99
57) 2,4-Dinitrotoluene	9.75	165	25954	6.644	ng	# 23
84) Bis(2-ethylhexyl)phthalate	13.89	149	17533	2.355	ng	# 63

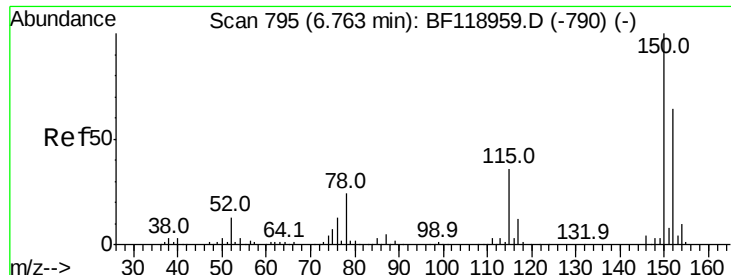
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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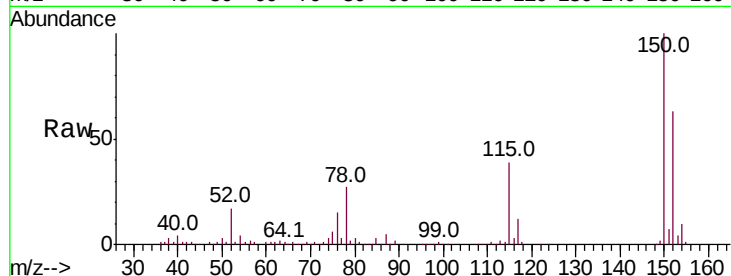


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119368.D
Acq: 12 Mar 2020 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.0	184.6
115	62.4	49.5	74.3

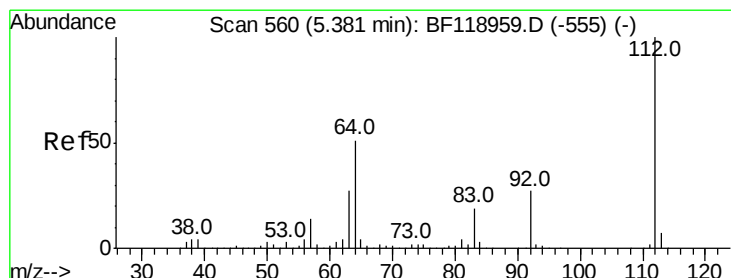
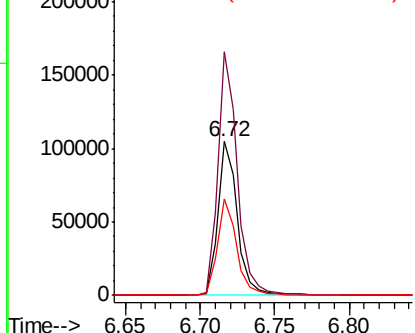
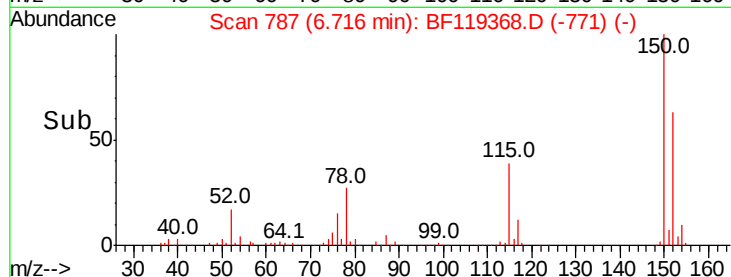


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

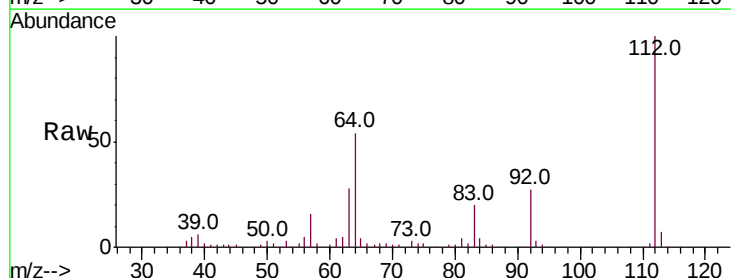
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.618 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119368.D
Acq: 12 Mar 2020 2:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.0	67.4
63	28.0	24.2	36.4

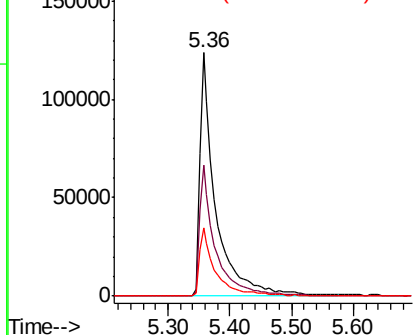
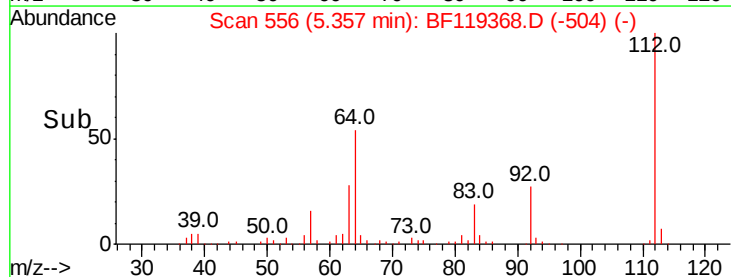


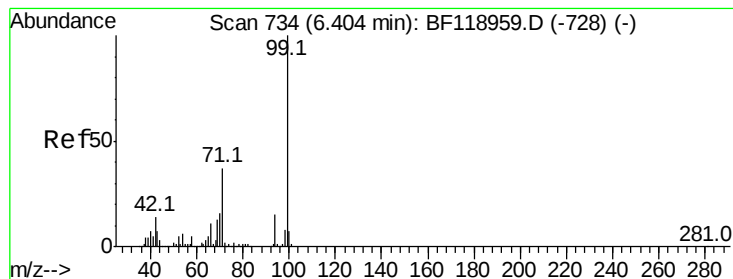
Abundance

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: 67.569 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

Instrument :

BNA_F

ClientSampleId :

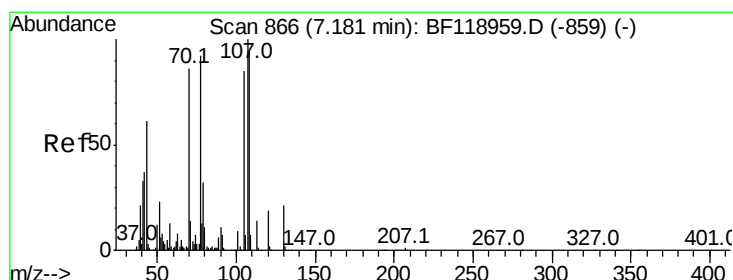
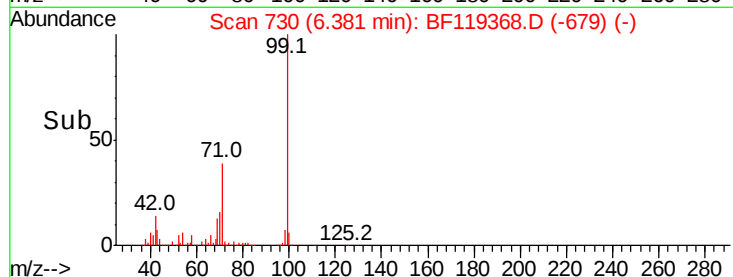
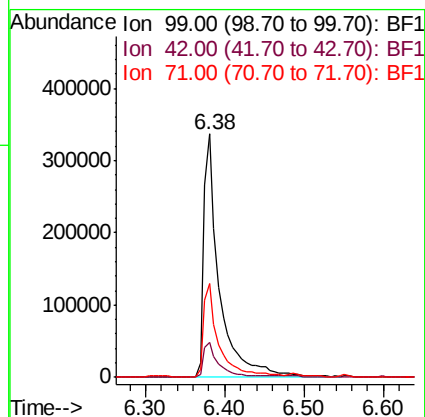
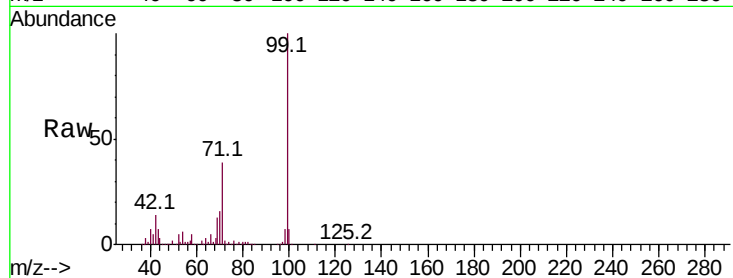
Tot Ion: 99 Resp: 472714

Ion Ratio Lower Upper

99 100

42 14.4 12.6 18.8

71 38.8 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.492 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

Tgt Ion: 70 Resp: 59080

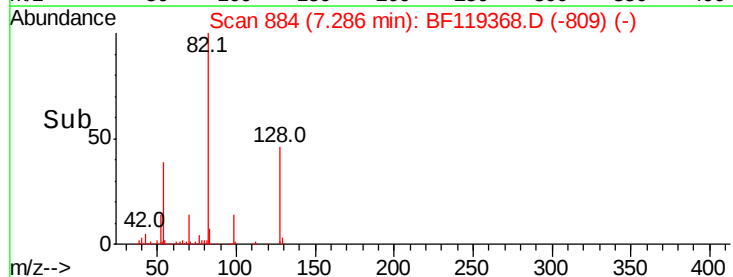
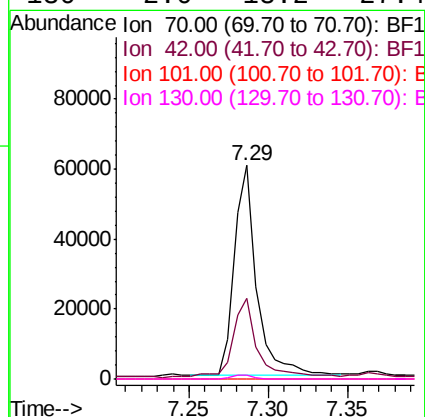
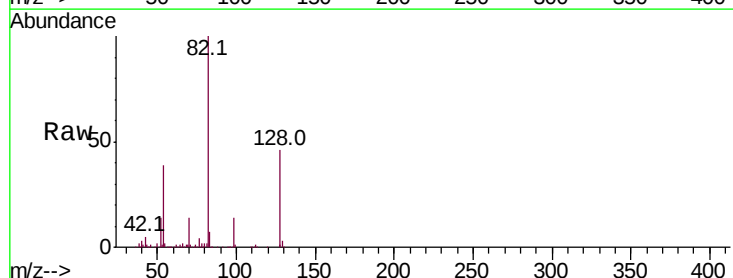
Ion Ratio Lower Upper

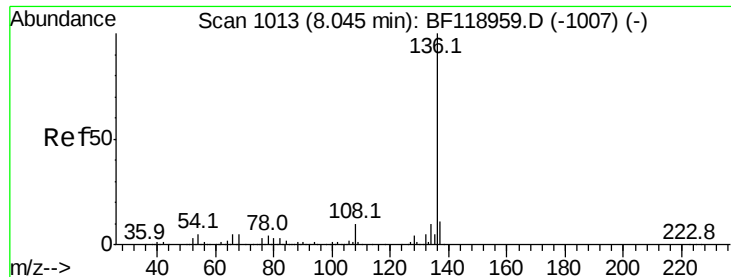
70 100

42 37.7 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#

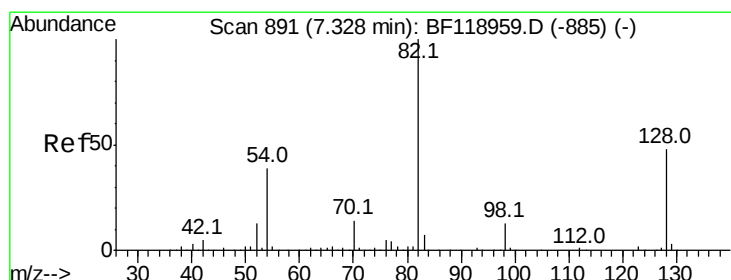
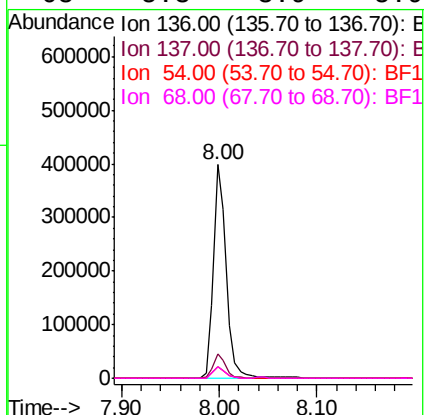
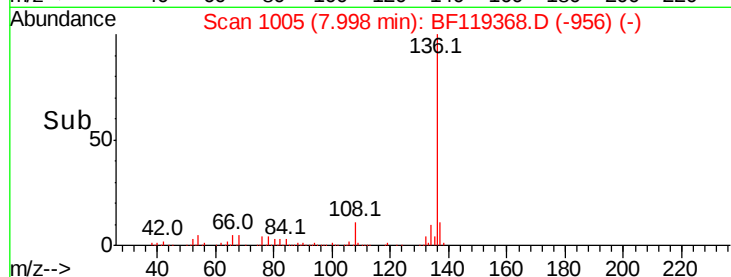
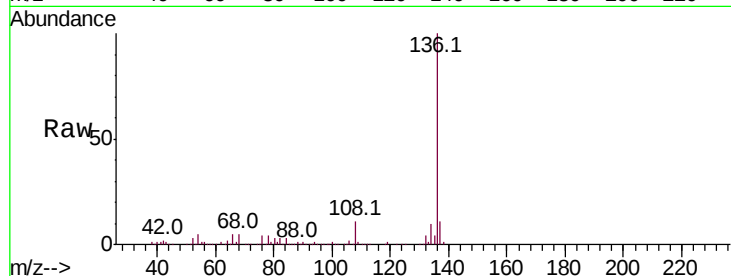




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119368.D
Acq: 12 Mar 2020 2:07

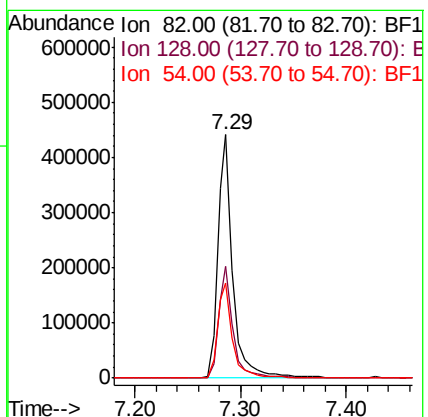
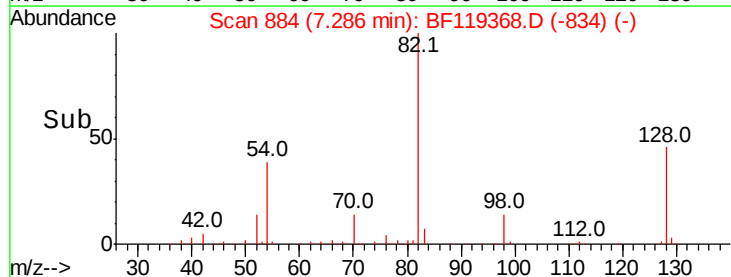
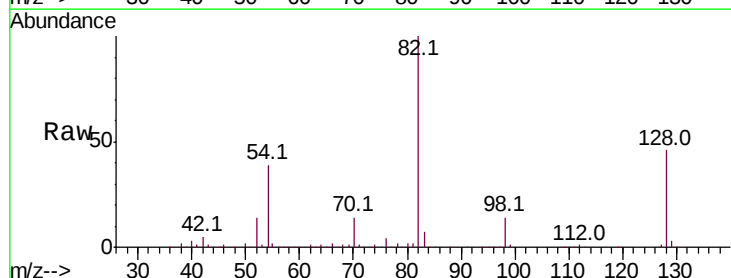
Instrument :
BNA_F
ClientSampleId :

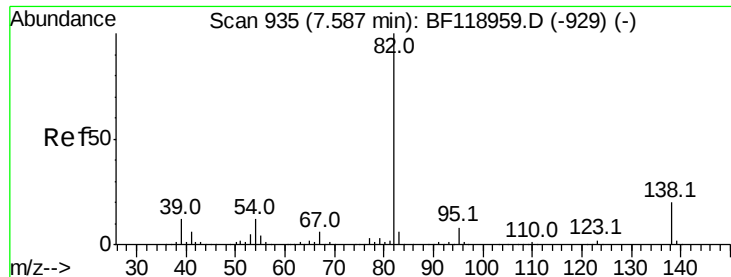
Tot Ion:	136	Resp:	365107
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.4	3.8	5.6
68	5.3	3.9	5.9



#23
Nitrobenzene-d5
Concen: 63.302 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119368.D
Acq: 12 Mar 2020 2:07

Tgt Ion:	82	Resp:	437726
Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.9	56.9
54	39.3	33.4	50.2





#25

Isophorone

Concen: 36.449 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

Instrument :

BNA_F

ClientSampled :

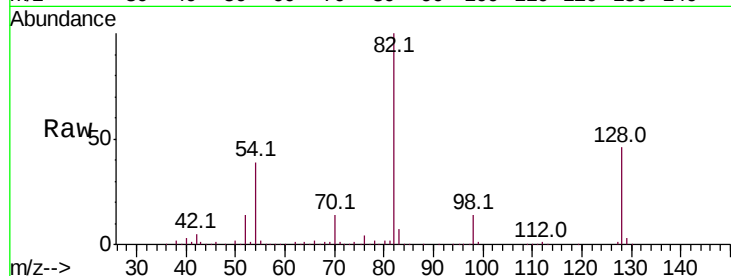
Tot Ion: 82 Resp: 437726

Ion Ratio Lower Upper

82 100

95 0.2 6.4 9.6#

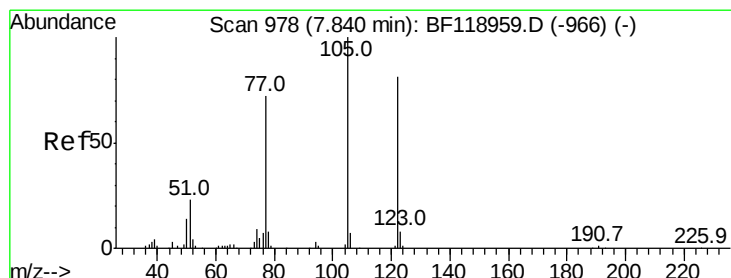
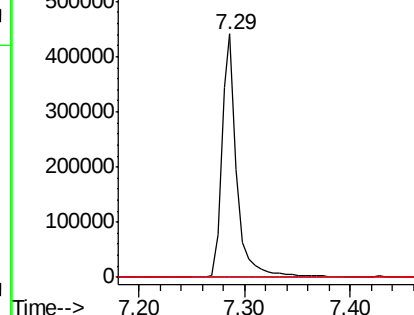
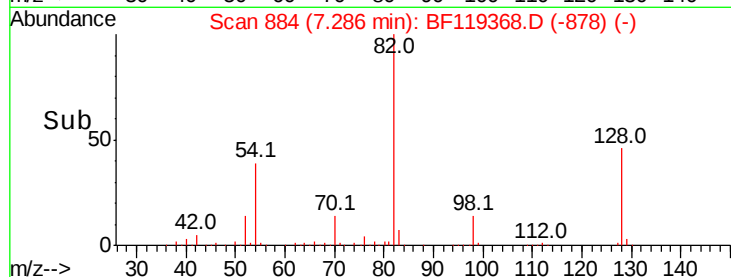
138 0.0 15.7 23.5#



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



#32

Benzoic acid

Concen: 7.169 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.02 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

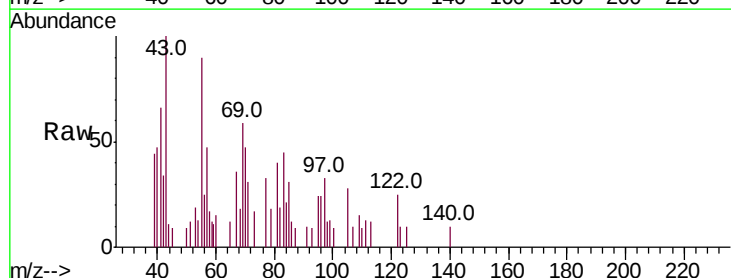
Tgt Ion:122 Resp: 2039

Ion Ratio Lower Upper

122 100

105 111.2 106.3 146.3

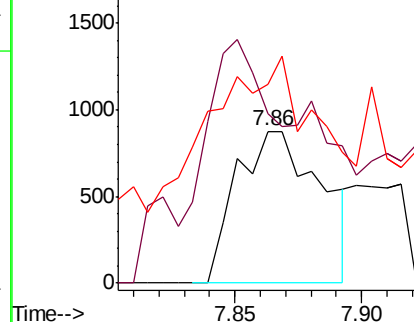
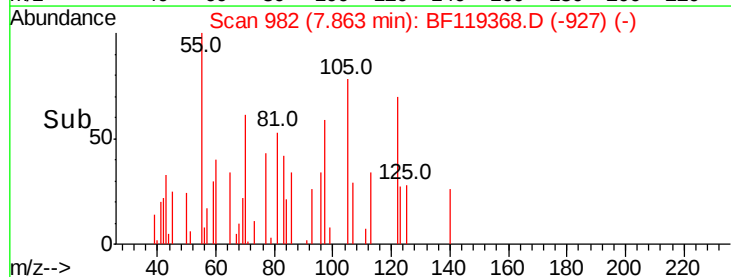
77 130.8 73.1 113.1#

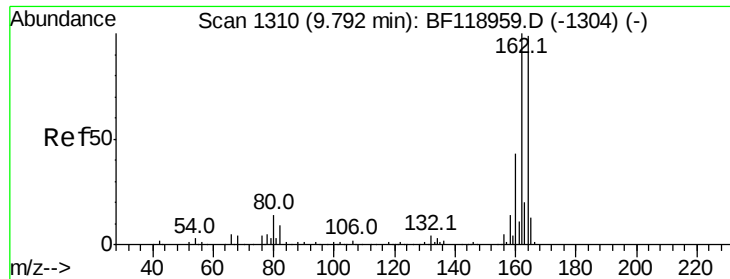


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

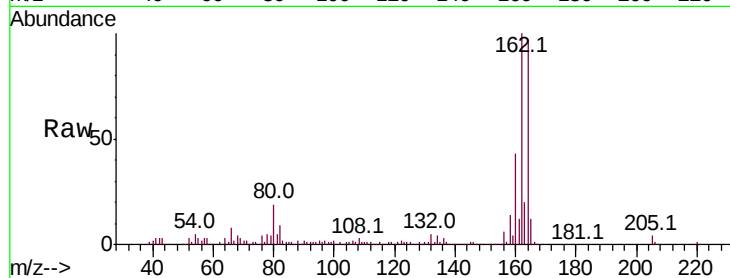




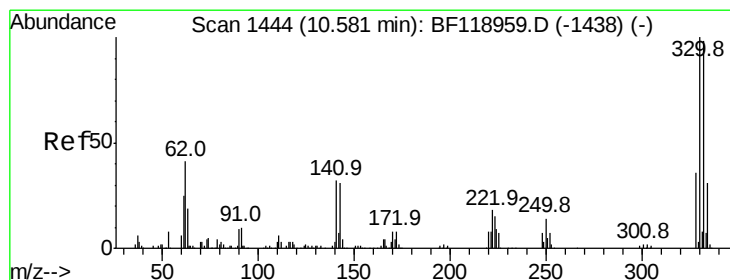
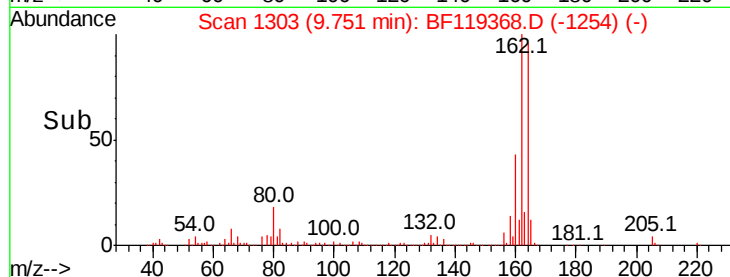
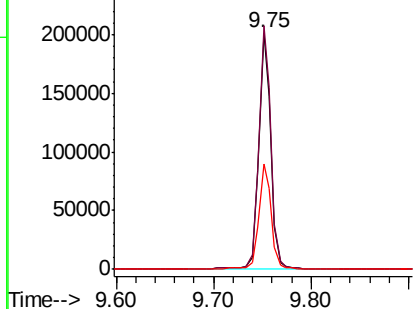
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119368.D
Acq: 12 Mar 2020 2:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 177390
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.8
160 44.8 36.0 54.0

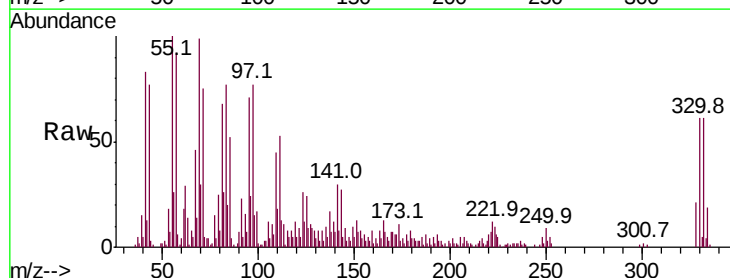


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

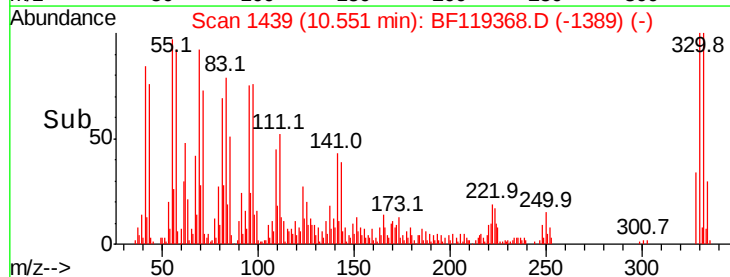
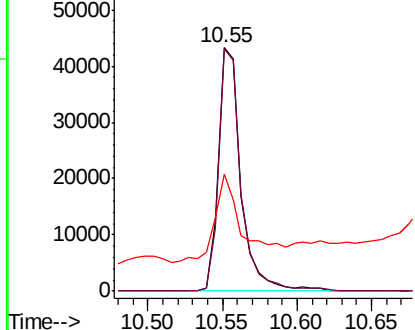


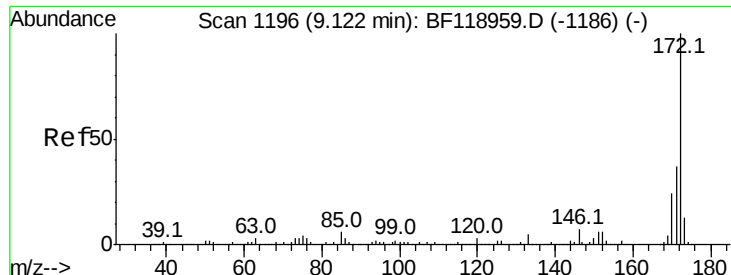
#42
2,4,6-Tribromophenol
Concen: 19.839 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119368.D
Acq: 12 Mar 2020 2:07

Tgt Ion:330 Resp: 46037
Ion Ratio Lower Upper
330 100
332 99.2 76.0 114.0
141 44.3 22.9 34.3#



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

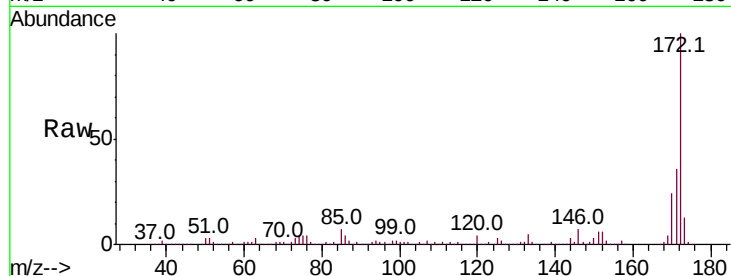




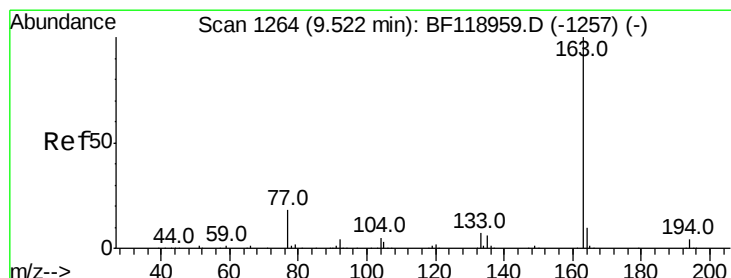
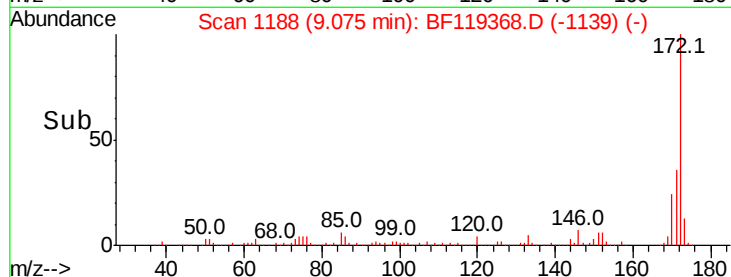
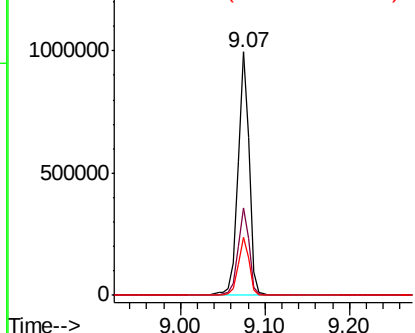
#45
 2-Fluorobiphenyl
 Concen: 73.942 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119368.D
 Acq: 12 Mar 2020 2:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	24.0	20.2	30.2

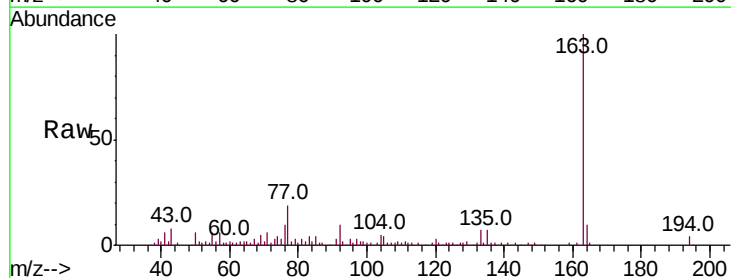


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

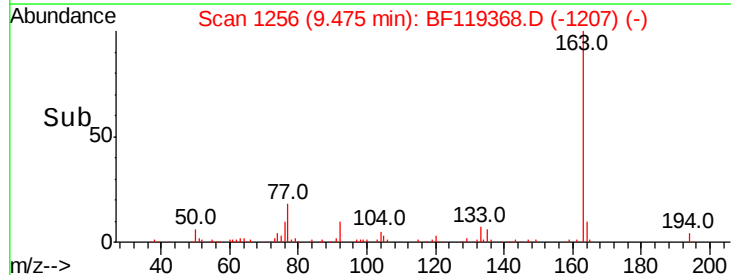
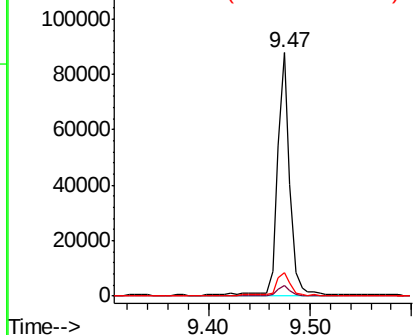


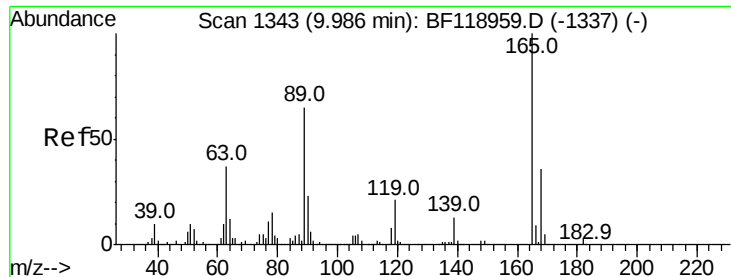
#50
 Dimethylphthalate
 Concen: 5.689 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF119368.D
 Acq: 12 Mar 2020 2:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.4	12.6



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

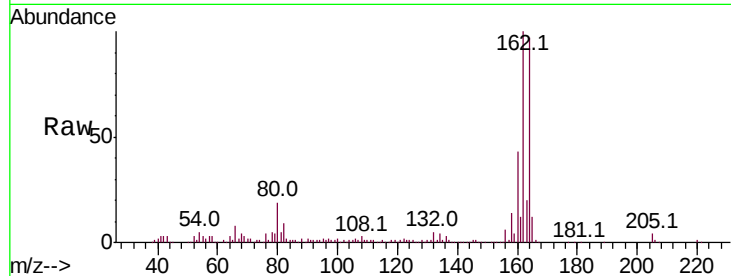




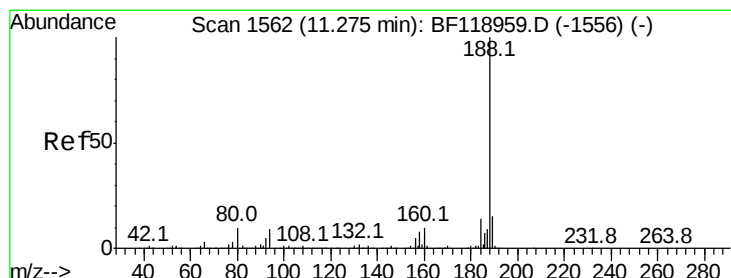
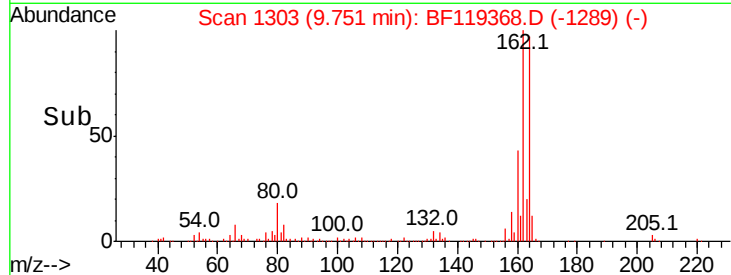
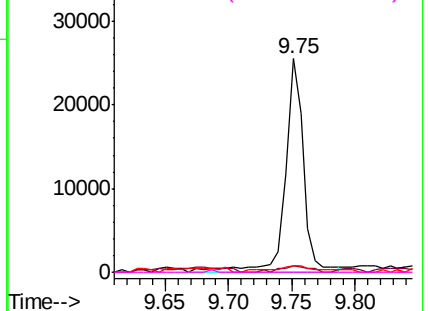
#57
 2,4-Dinitrotoluene
 Concen: 6.644 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.22 min
 Lab File: BF119368.D
 Acq: 12 Mar 2020 2:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	25954
Ion Ratio	Lower	Upper	
165	100		
63	3.3	42.3	63.5#
89	3.1	60.2	90.4#
182	0.0	2.3	3.5#

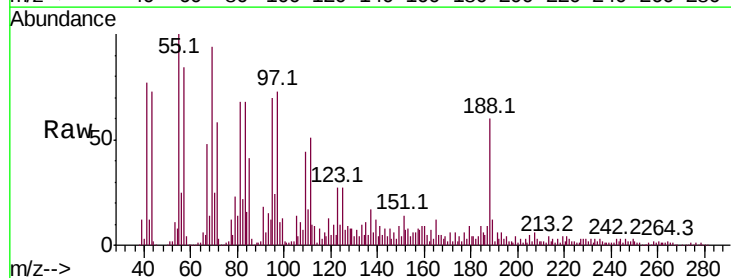


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

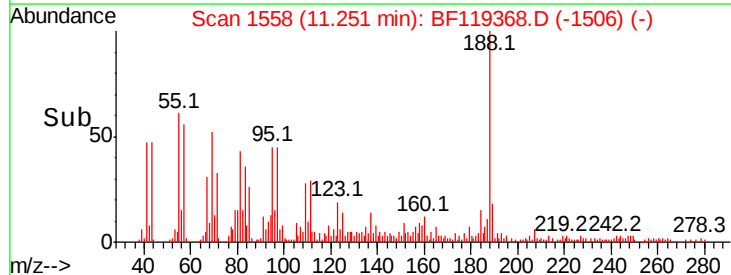
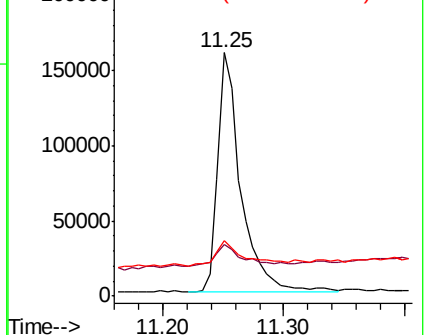


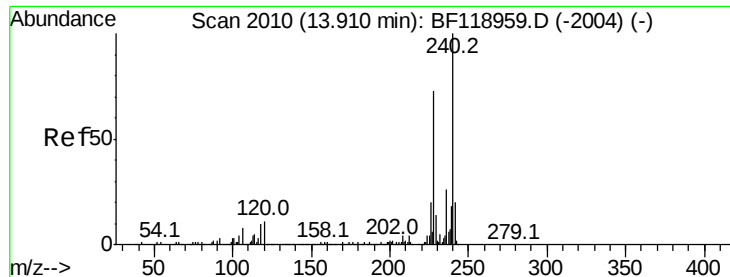
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF119368.D
 Acq: 12 Mar 2020 2:07

Tgt Ion:	188	Resp:	208029
Ion Ratio	Lower	Upper	
188	100		
94	20.9	7.1	10.7#
80	22.8	7.8	11.8#



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

Chrvsene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.05 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

Instrument :

BNA_F

ClientSampleId :

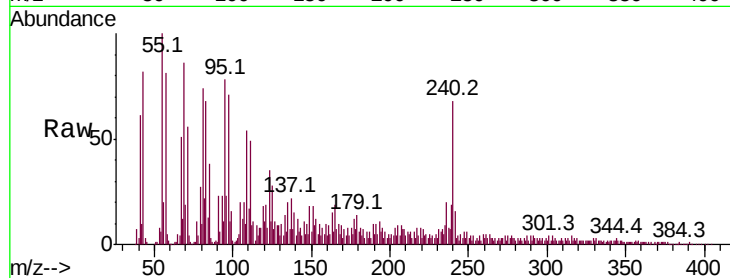
Tot Ion:240 Resp: 174371

Ion Ratio Lower Upper

240 100

120 16.9 8.4 12.6#

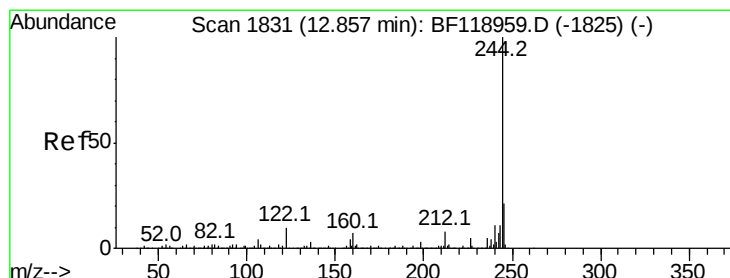
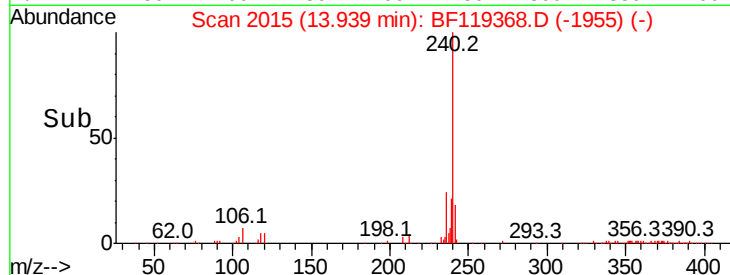
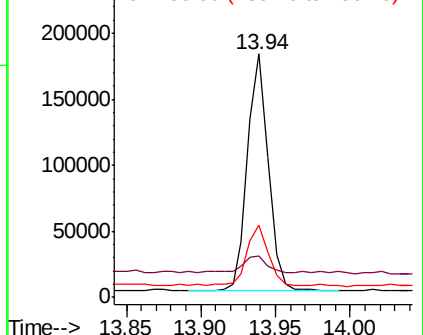
236 29.6 21.0 31.4



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: 68.428 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.05 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

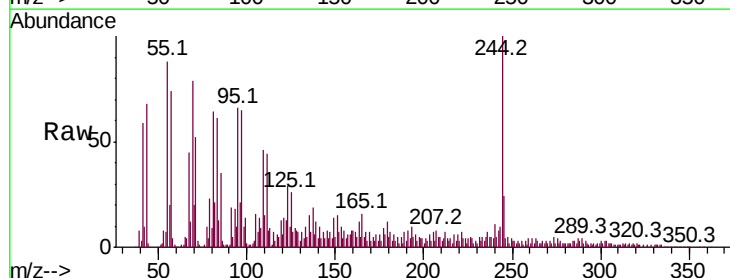
Tgt Ion:244 Resp: 693040

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

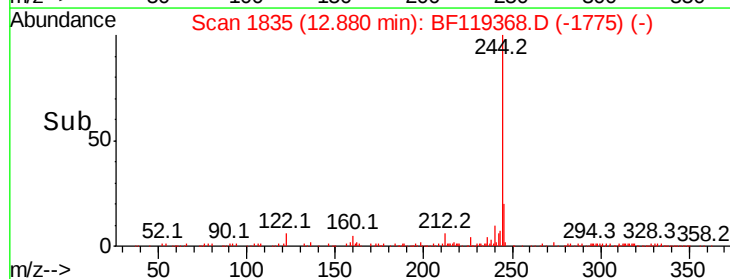
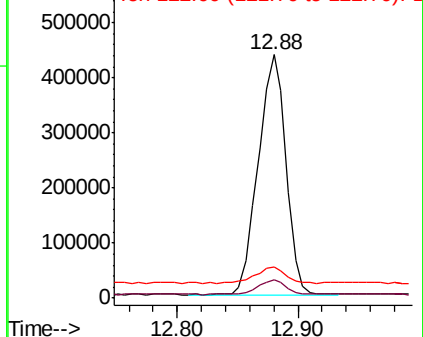
122 12.7 8.2 12.2#

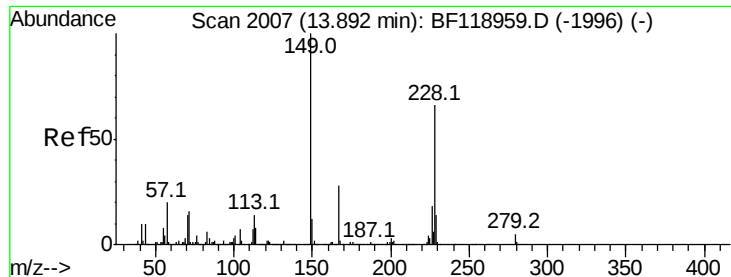


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.355 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.03 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

Instrument :

BNA_F

ClientSampleId :

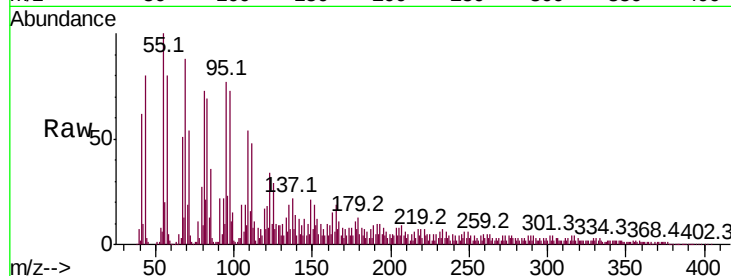
Tot Ion:149 Resp: 17533

Ion Ratio Lower Upper

149 100

167 49.8 22.8 34.2#

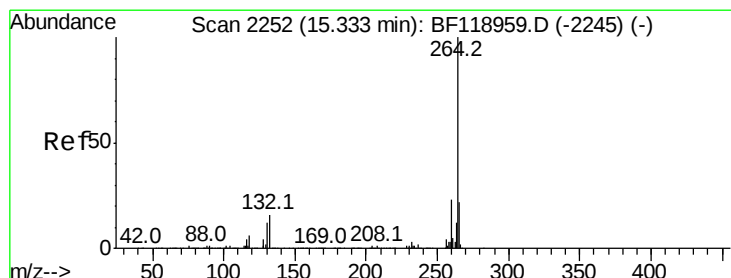
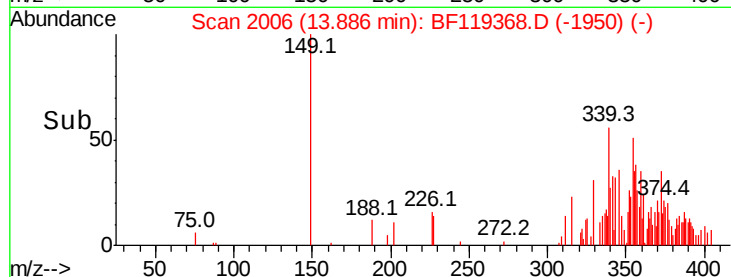
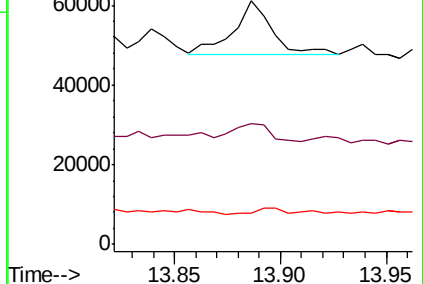
279 13.0 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.05 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

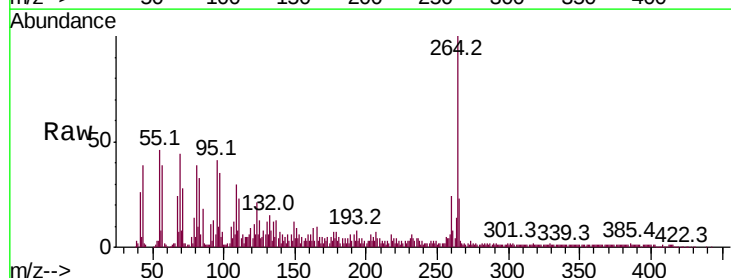
Tgt Ion:264 Resp: 206873

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 23.3 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

