

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117300.D
 Acq On : 2 Oct 2019 15:32
 Operator : JU
 Sample : K5128-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:31:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

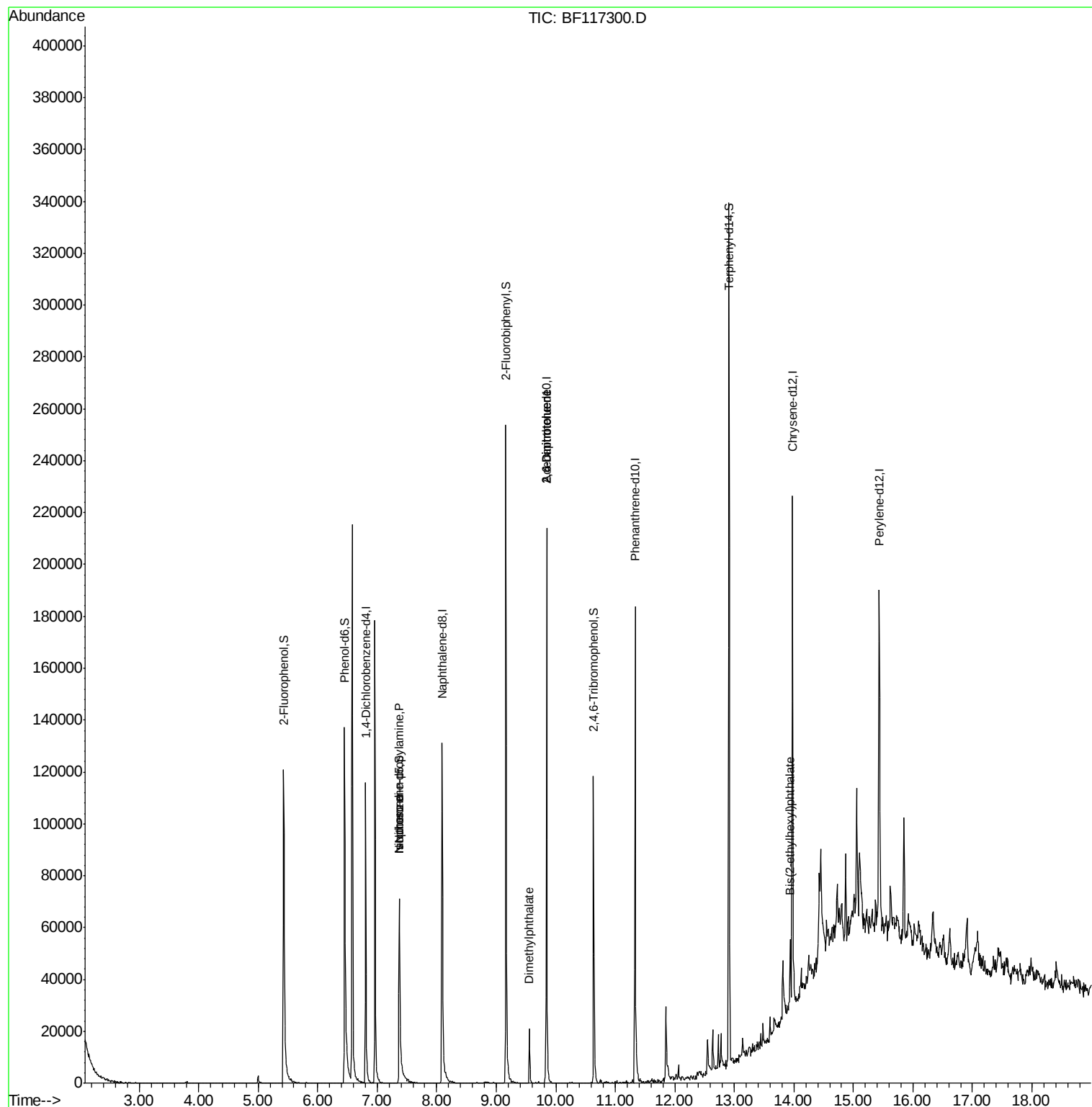
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	21261	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	89671	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	47811	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	79405	20.00	ng	0.00
76) Chrysene-d12	13.97	240	62800	20.00	ng	0.00
87) Perylene-d12	15.43	264	53193	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	55150	40.50	ng	-0.01
7) Phenol-d6	6.45	99	78116	44.39	ng	0.00
23) Nitrobenzene-d5	7.37	82	46633	27.32	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	17139	42.89	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	93032	30.42	ng	-0.01
79) Terphenyl-d14	12.91	244	100688	29.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	1459	Below Cal		Qvalue # 60
19) n-Nitroso-di-n-propylamine	7.37	70	5474	5.108 ng	#	81
25) Isophorone	7.37	82	46633	15.432 ng	#	66
50) Dimethylphthalate	9.56	163	9849	2.909 ng	#	95
51) 2,6-Dinitrotoluene	9.85	165	5840	8.470 ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	5840	6.525 ng	#	18
84) Bis(2-ethylhexyl)phthalate	13.94	149	6750	2.103 ng		96

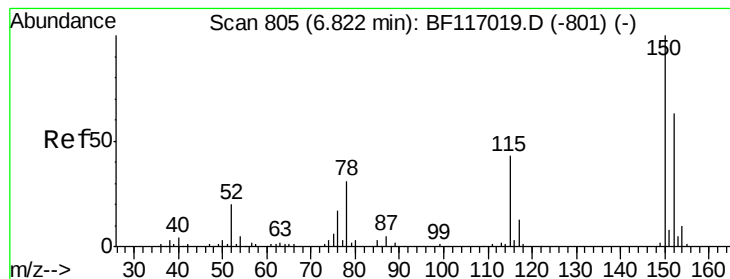
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Oct 03 01:31:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
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QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF117300.D

Acq: 2 Oct 2019 15:32

Instrument :

BNA_F

ClientSampleId :

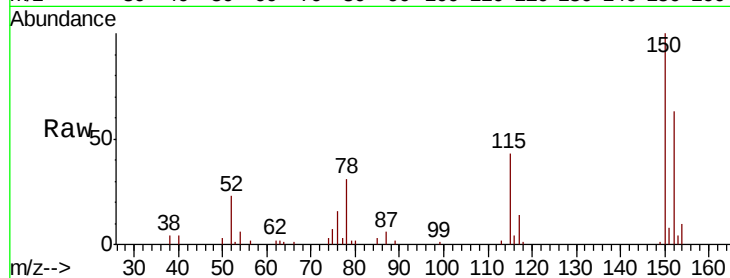
Tot Ion:152 Resp: 21261

Ion Ratio Lower Upper

152 100

150 157.9 127.5 191.3

115 67.4 55.0 82.4

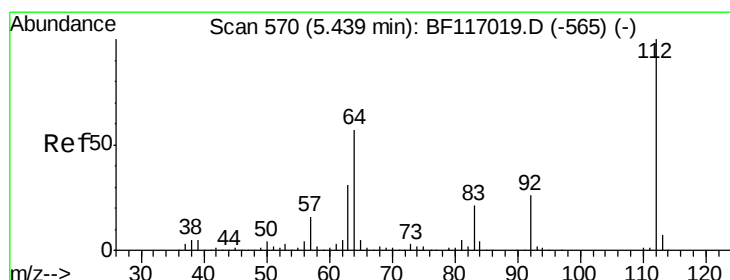
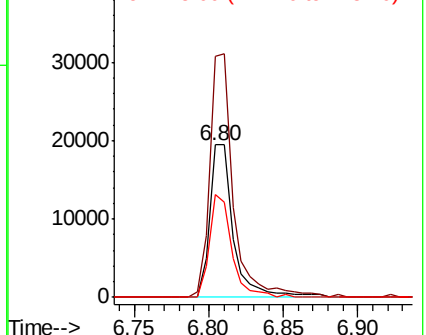
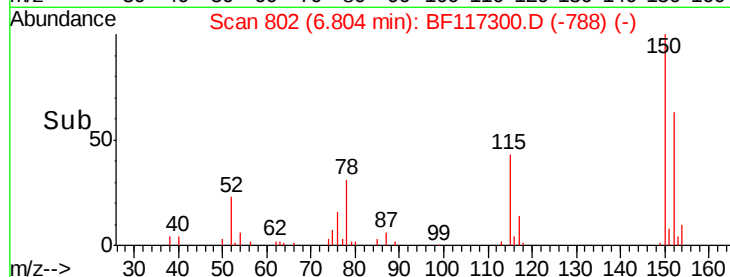


Abundance

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: 40.498 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF117300.D

Acq: 2 Oct 2019 15:32

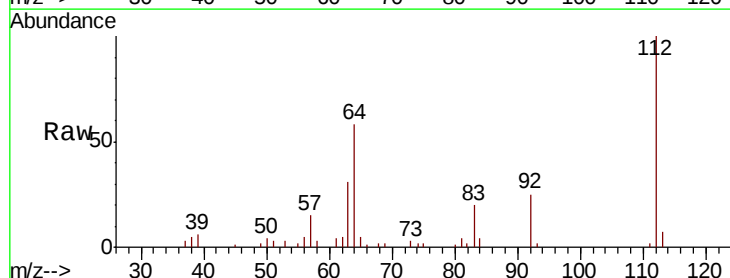
Tgt Ion:112 Resp: 55150

Ion Ratio Lower Upper

112 100

64 57.7 45.7 68.5

63 30.9 24.9 37.3

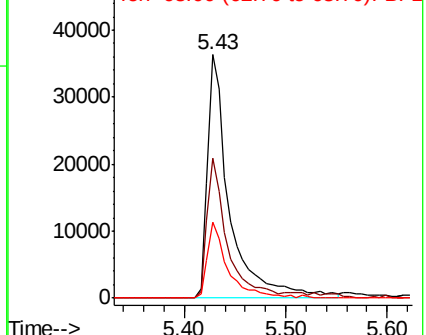
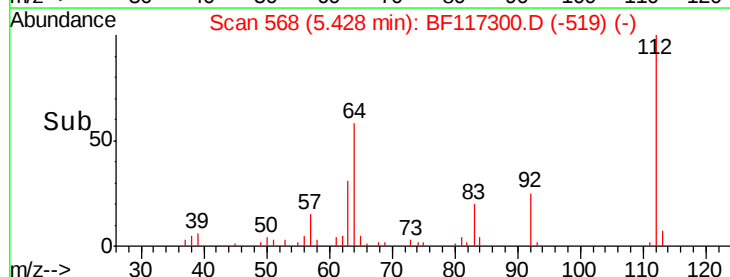


Abundance

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: 44.386 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117300.D

Acq: 2 Oct 2019 15:32

Instrument :

BNA_F

ClientSampleId :

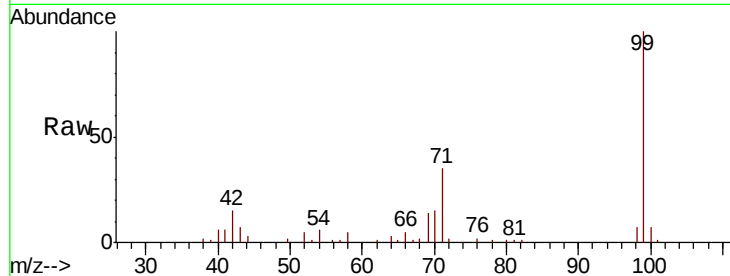
Tot Ion: 99 Resp: 78116

Ion Ratio Lower Upper

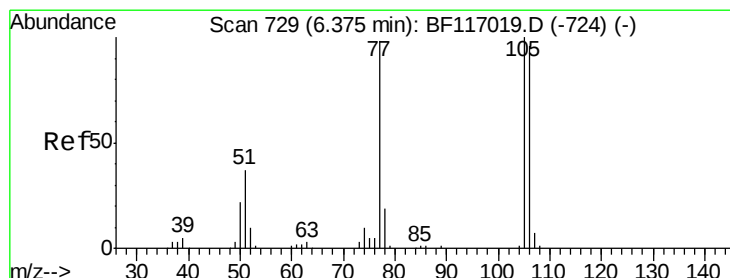
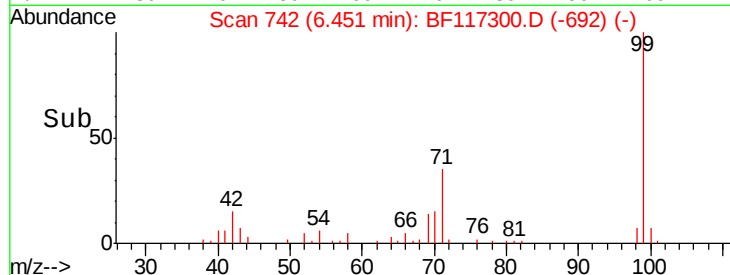
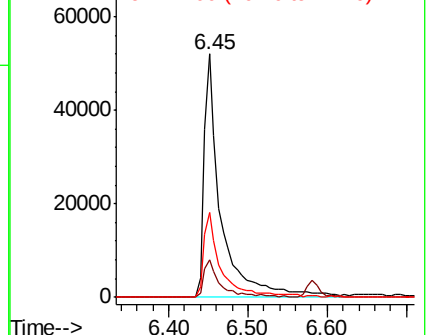
99 100

42 15.3 12.2 18.2

71 35.1 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.58 min Scan# 764

Delta R.T. 0.21 min

Lab File: BF117300.D

Acq: 2 Oct 2019 15:32

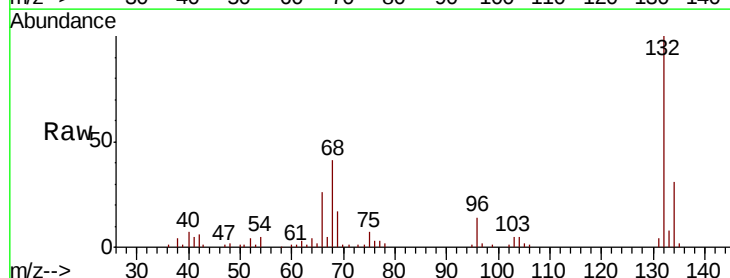
Tgt Ion: 77 Resp: 1459

Ion Ratio Lower Upper

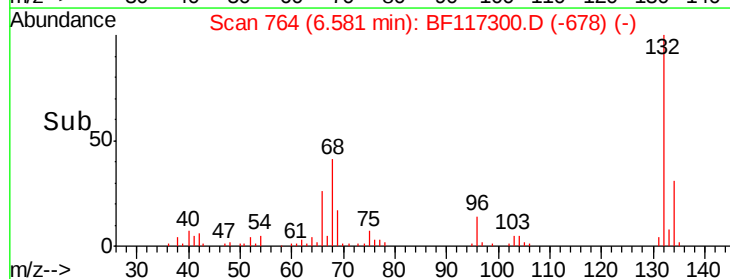
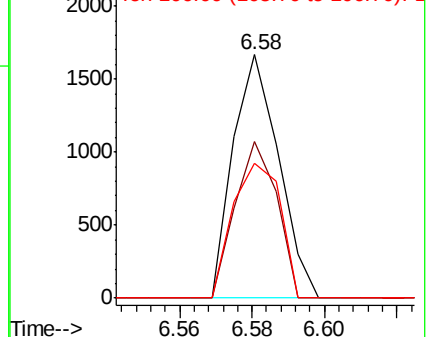
77 100

105 64.2 81.8 121.8#

106 55.3 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

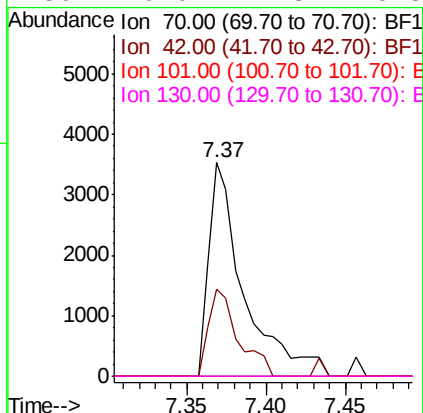
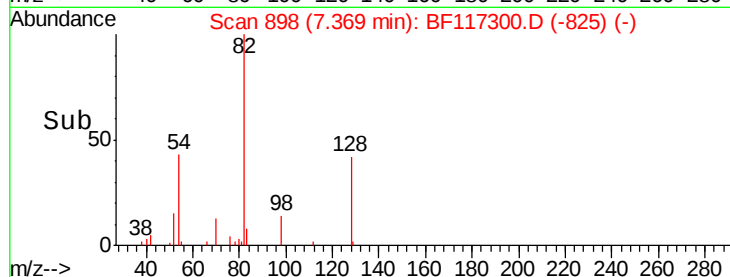
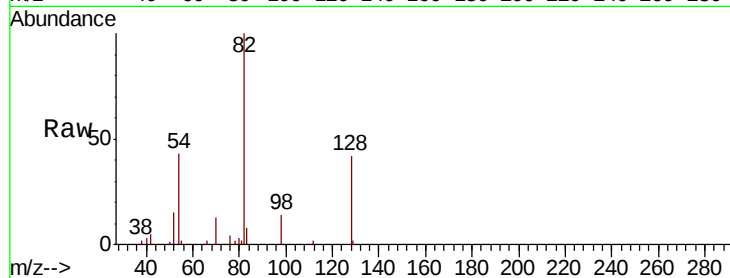




#19
n-Nitroso-di-n-propylamine
Concen: 5.108 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117300.D
Acq: 2 Oct 2019 15:32

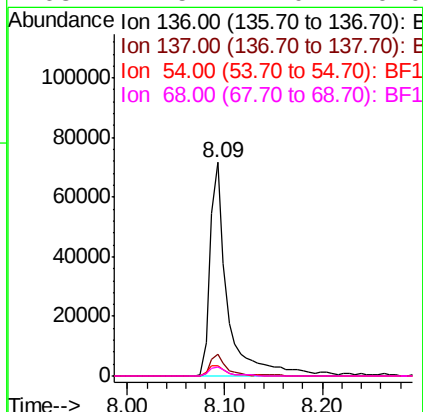
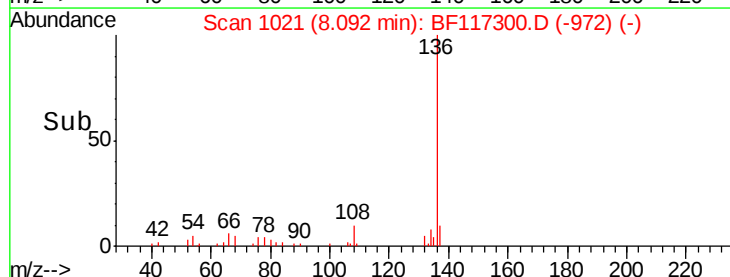
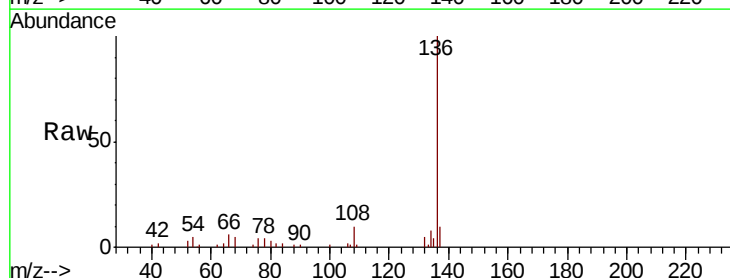
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 5474
Ion Ratio Lower Upper
70 100
42 40.8 34.0 51.0
101 0.0 7.8 11.6#
130 0.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117300.D
Acq: 2 Oct 2019 15:32

Tgt Ion: 136 Resp: 89671
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 4.7 4.5 6.7
68 4.5 4.0 6.0

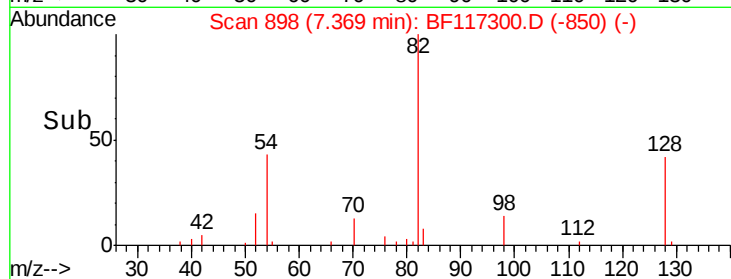
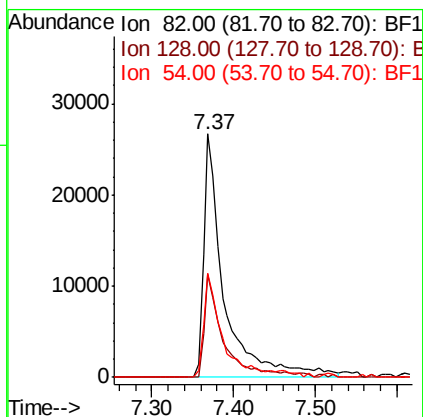
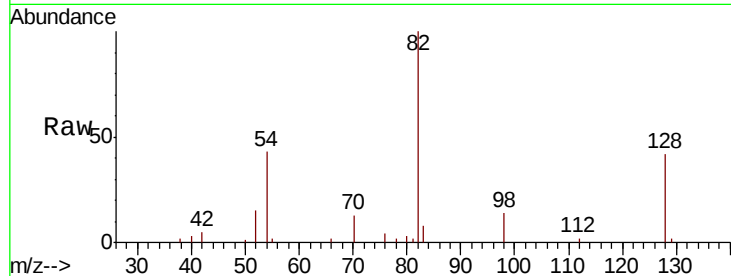




#23
Nitrobenzene-d5
Concen: 27.324 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117300.D
Acq: 2 Oct 2019 15:32

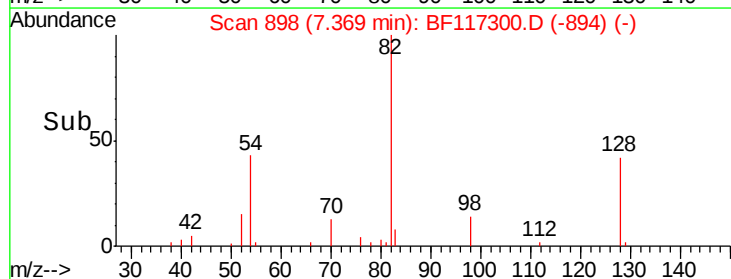
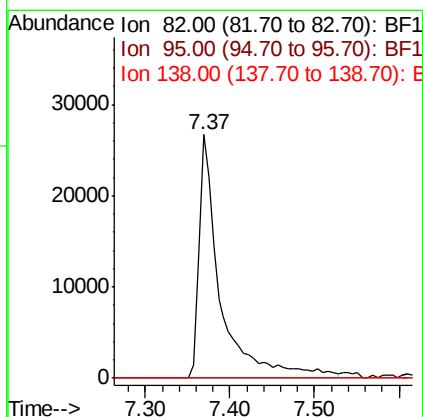
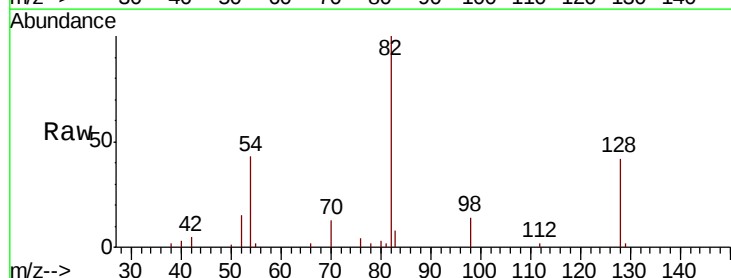
Instrument :
BNA_F
ClientSampleId :

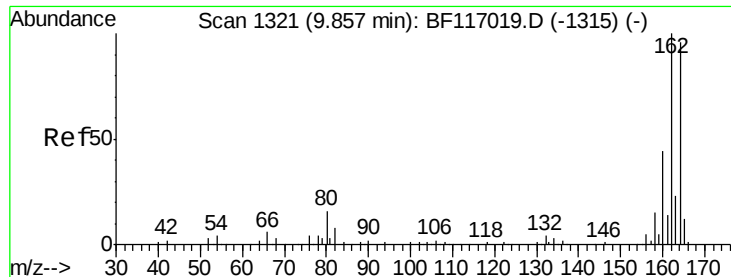
Tot Ion	82	Resp	46633
Ion Ratio	Lower	Upper	
82	100		
128	42.4	32.3	48.5
54	42.8	33.3	49.9



#25
Isophorone
Concen: 15.432 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117300.D
Acq: 2 Oct 2019 15:32

Tgt Ion	82	Resp	46633
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

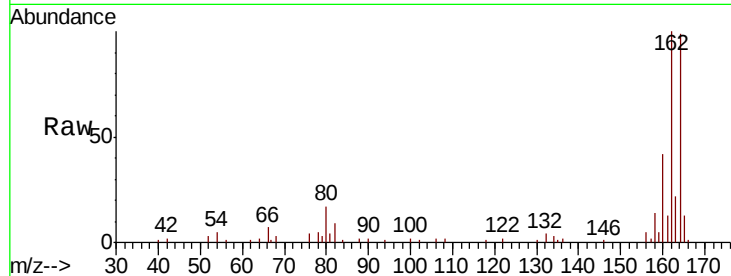




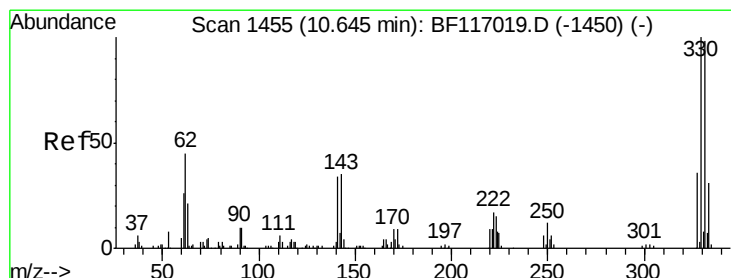
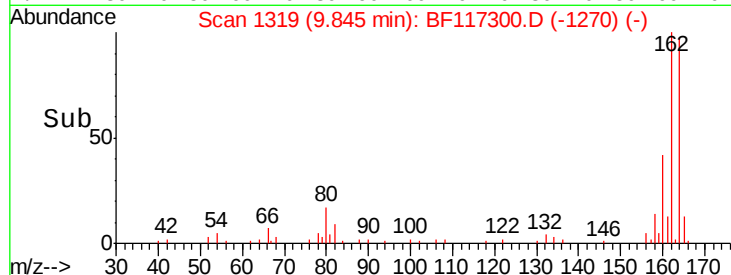
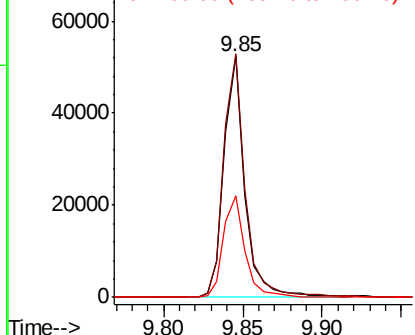
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117300.D
 Acq: 2 Oct 2019 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 47811
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.4 125.2
 160 42.3 36.4 54.6

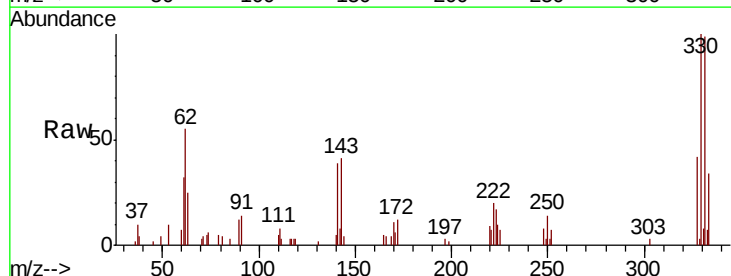


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

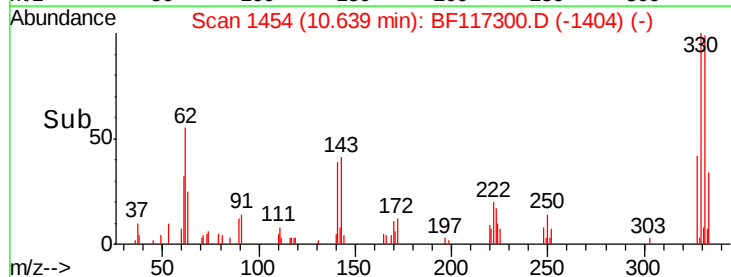
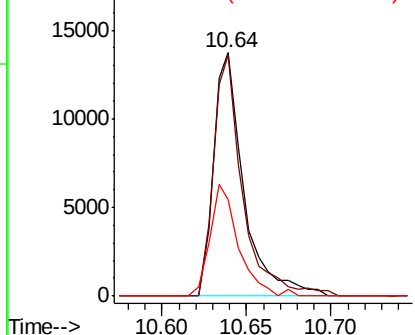


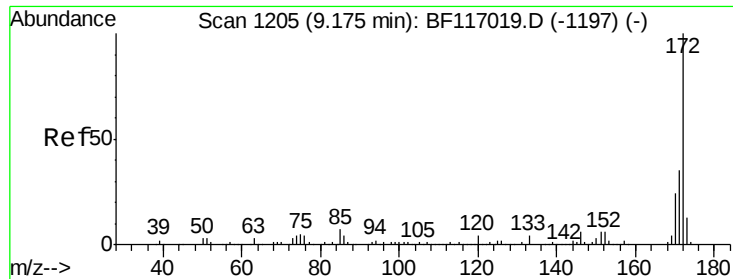
#42
 2,4,6-Tribromophenol
 Concen: 42.891 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117300.D
 Acq: 2 Oct 2019 15:32

Tgt Ion:330 Resp: 17139
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.0 117.0
 141 43.3 35.8 53.6



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

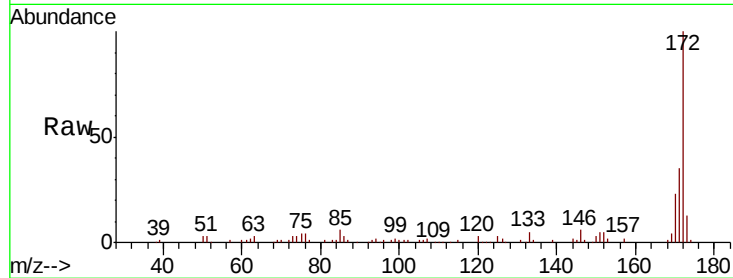




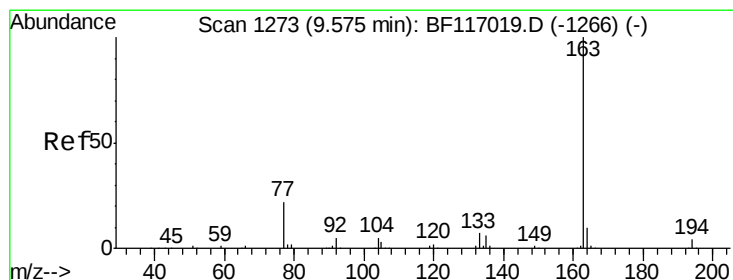
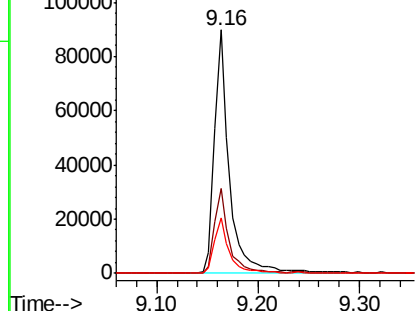
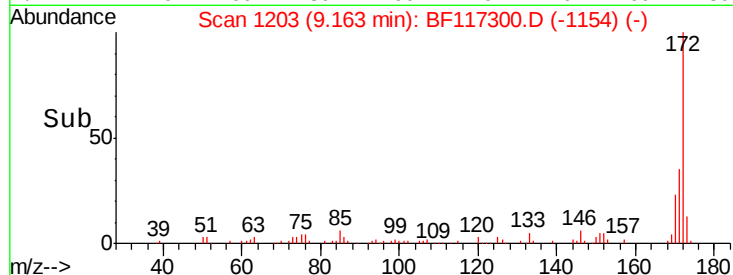
#45
2-Fluorobiphenyl
Concen: 30.424 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117300.D
Acq: 2 Oct 2019 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 93032
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 22.9 18.9 28.3

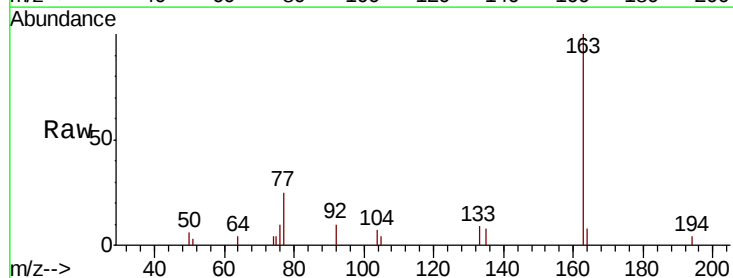


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

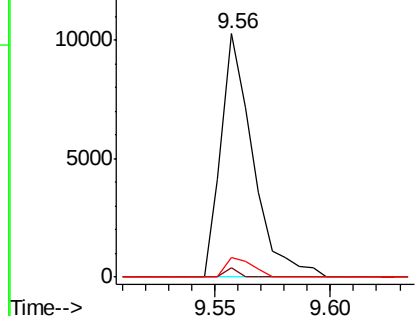
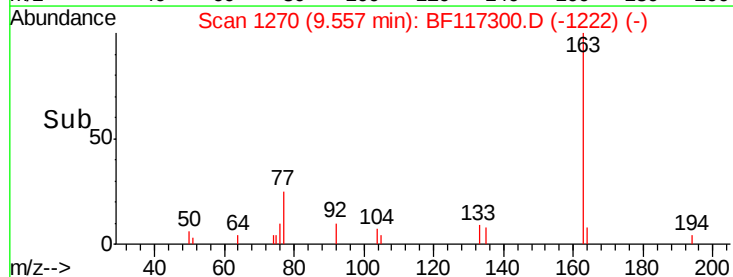


#50
Dimethylphthalate
Concen: 2.909 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117300.D
Acq: 2 Oct 2019 15:32

Tgt Ion:163 Resp: 9849
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 7.9 8.2 12.4#



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: 8.470 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF117300.D

Acq: 2 Oct 2019 15:32

Instrument :

BNA_F

ClientSampleId :

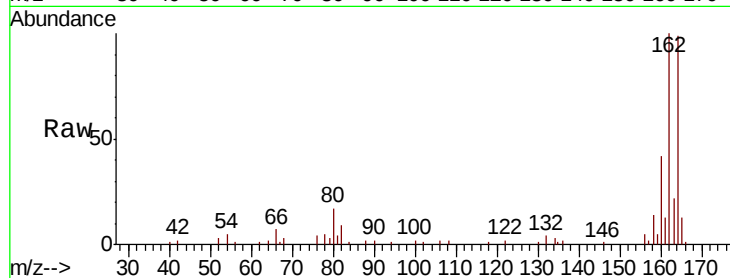
Tot Ion:165 Resp: 5840

Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.8#

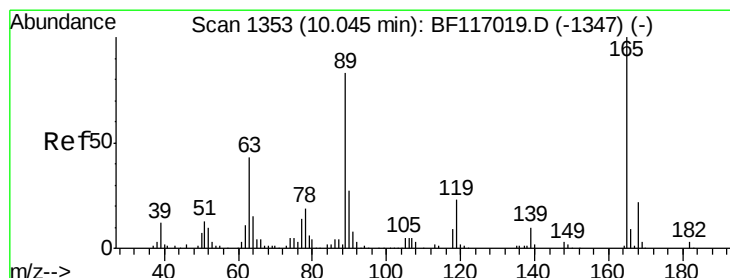
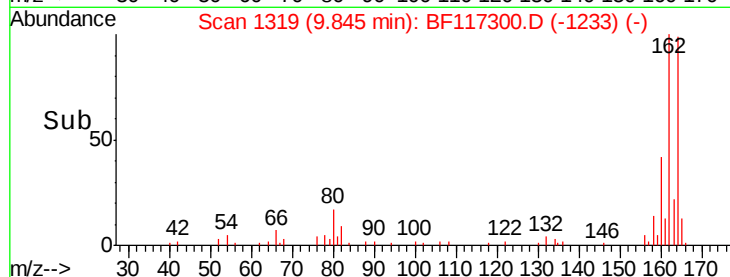
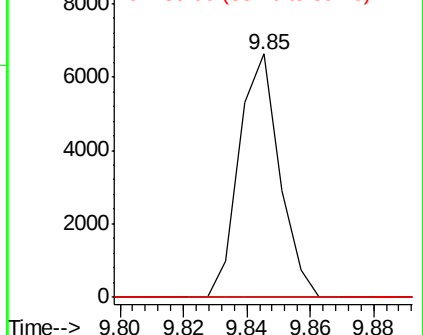
89 0.0 46.5 69.7#



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: 6.525 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.20 min

Lab File: BF117300.D

Acq: 2 Oct 2019 15:32

Tgt Ion:165 Resp: 5840

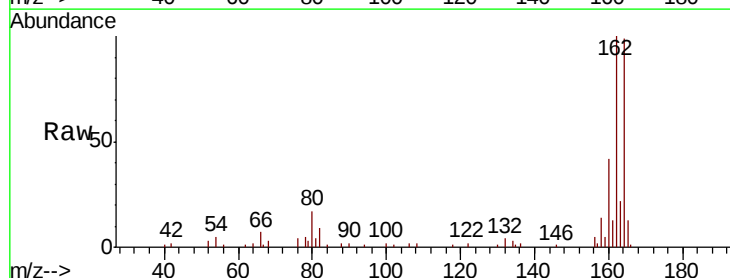
Ion Ratio Lower Upper

165 100

63 0.0 35.0 52.4#

89 0.0 66.1 99.1#

182 0.0 2.0 3.0#

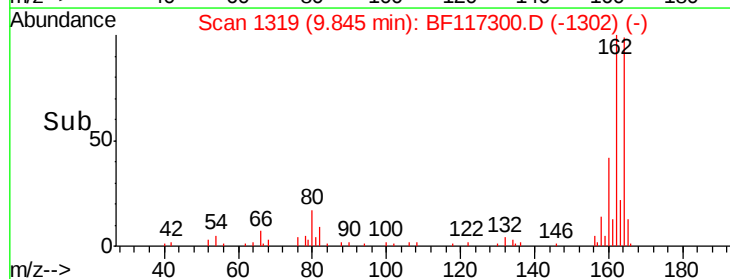
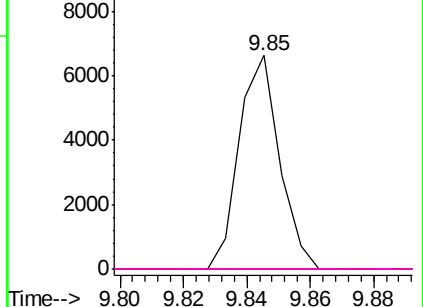


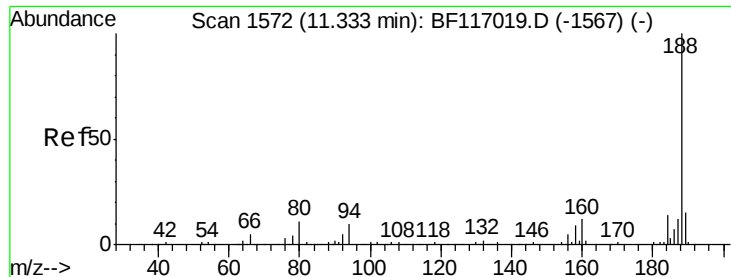
Abundance Ion 165.00 (164.70 to 165.70): E

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

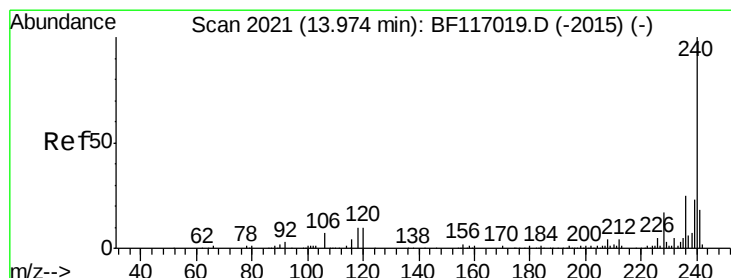
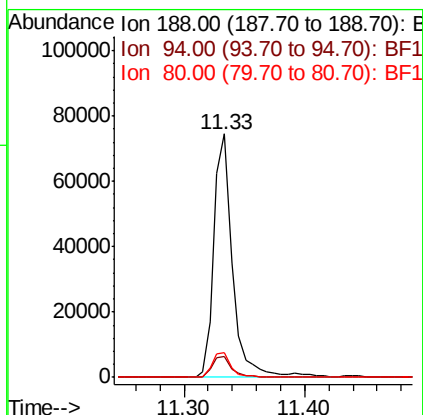
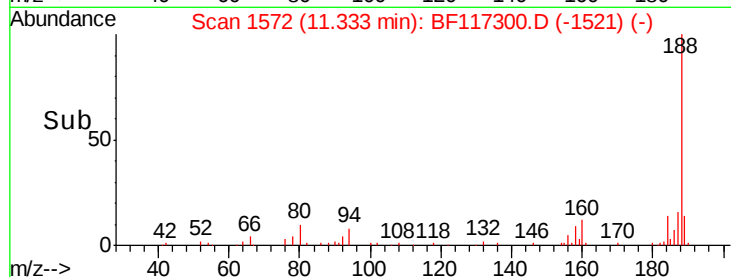
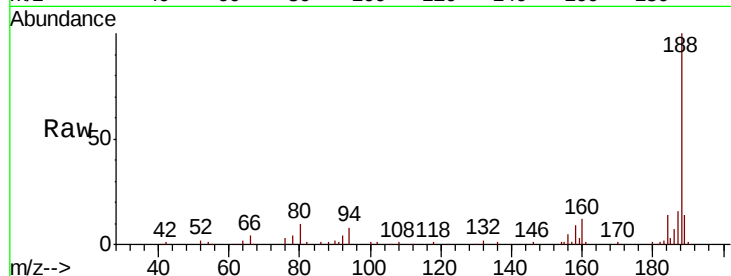




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117300.D
Acq: 2 Oct 2019 15:32

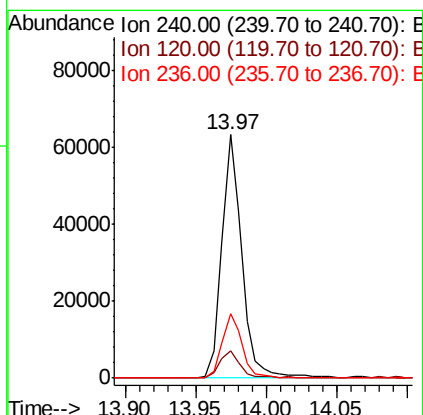
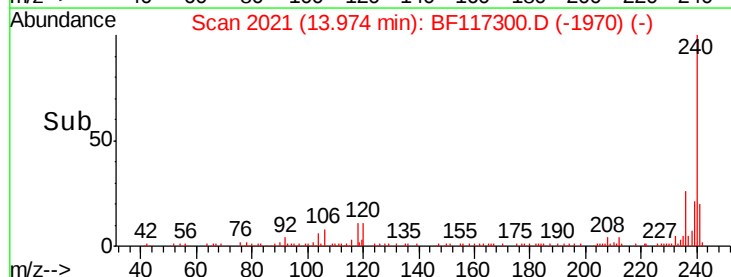
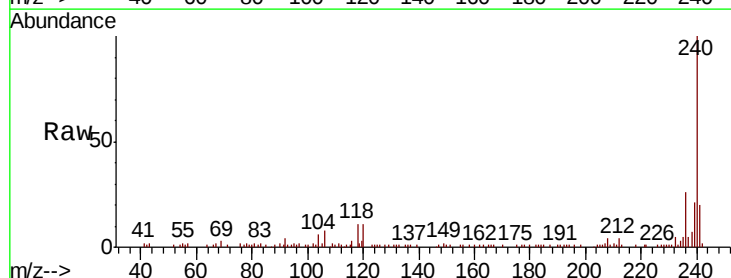
Instrument :
BNA_F
ClientSampleId :

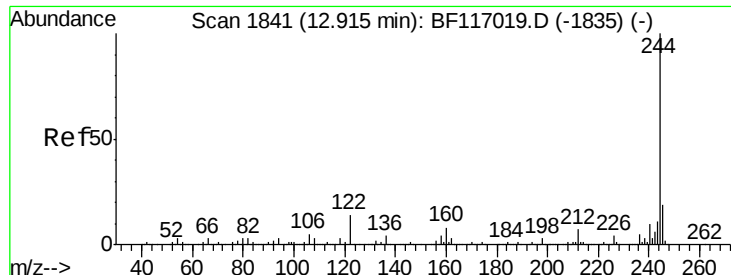
Tot Ion:188 Resp: 79405
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 10.2 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117300.D
Acq: 2 Oct 2019 15:32

Tgt Ion:240 Resp: 62800
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 26.2 20.3 30.5





#79

Terphenyl-d14

Concen: 29.969 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117300.D

Acq: 2 Oct 2019 15:32

Instrument :

BNA_F

ClientSampleId :

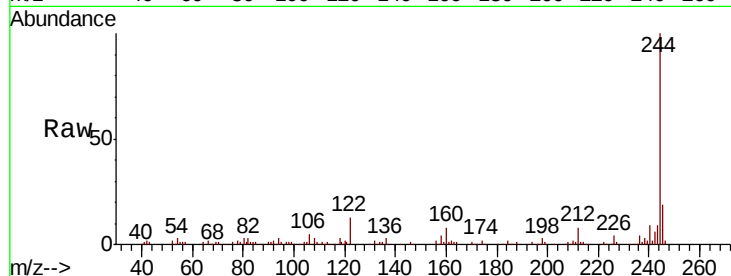
Tot Ion:244 Resp: 100688

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	13.2	11.3	16.9

244 100

212 7.5 5.8 8.8

122 13.2 11.3 16.9

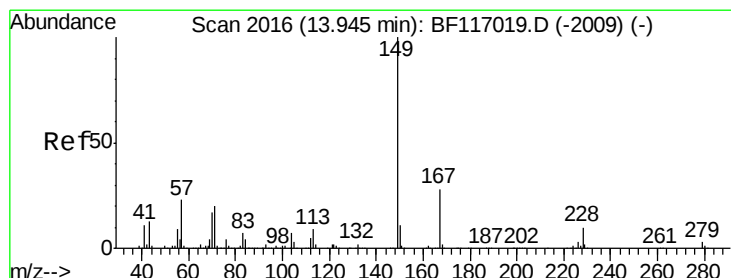
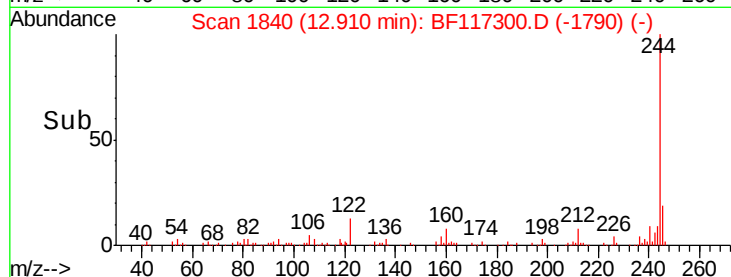
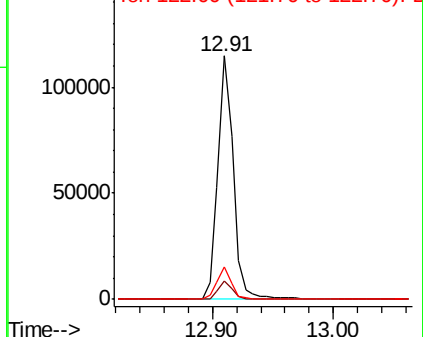


Abundance

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: 2.103 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117300.D

Acq: 2 Oct 2019 15:32

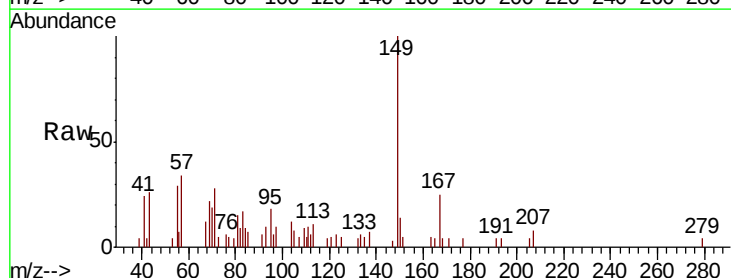
Tgt Ion:149 Resp: 6750

Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.2	33.2
279	3.8	2.8	4.2

149 100

167 25.5 22.2 33.2

279 3.8 2.8 4.2

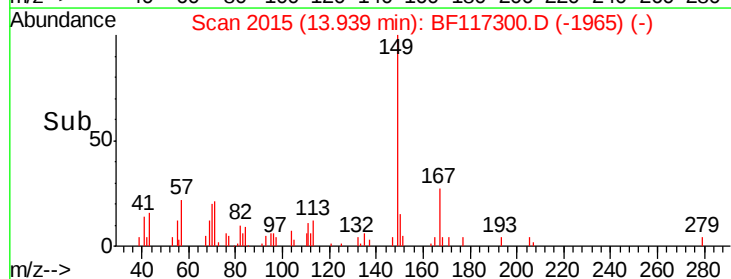
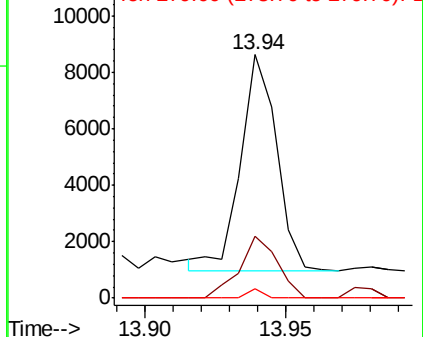


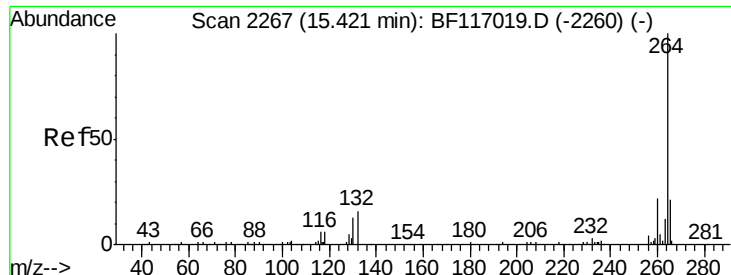
Abundance

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

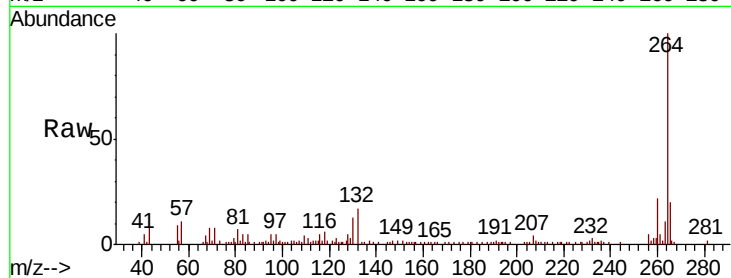




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117300.D
Acq: 2 Oct 2019 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.6	26.4
265	19.7	16.6	24.8



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

