

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117296.D
 Acq On : 2 Oct 2019 13:44
 Operator : JU
 Sample : K5134-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:30:20 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

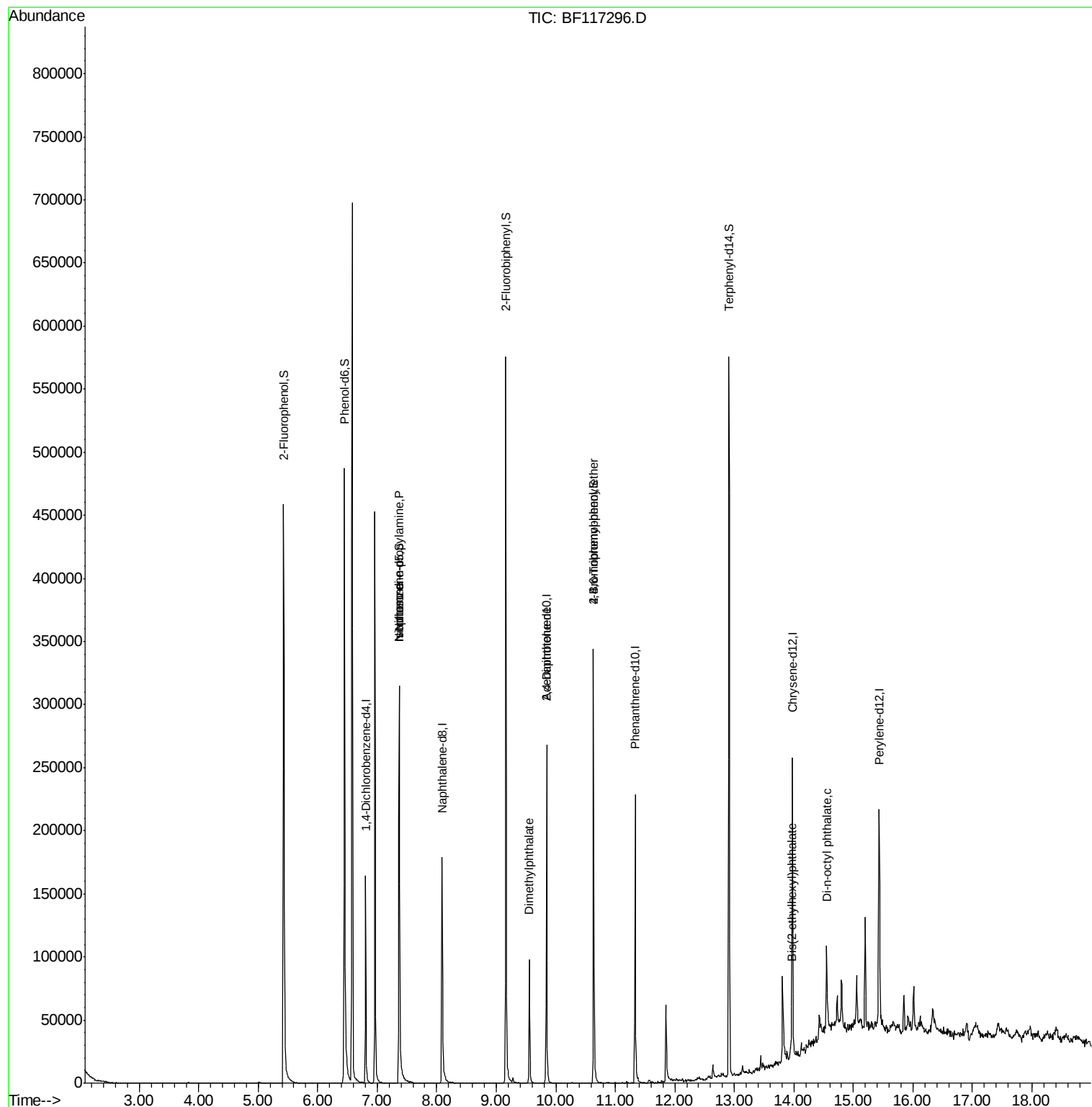
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	28517	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	115365	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	62111	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	98402	20.00	ng	0.00
76) Chrysene-d12	13.97	240	80179	20.00	ng	0.00
87) Perylene-d12	15.43	264	75621	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	159494	87.32	ng	-0.01
7) Phenol-d6	6.45	99	218140	92.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	128815	58.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	42340	81.56	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	191413	48.19	ng	-0.01
79) Terphenyl-d14	12.91	244	187994	43.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	303	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	17014	11.837 ng	#	79
25) Isophorone	7.37	82	128814	33.135 ng	#	66
50) Dimethylphthalate	9.56	163	42246	9.606 ng	#	98
57) 2,4-Dinitrotoluene	9.85	165	7587	6.526 ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	2473	2.461 ng	#	1
84) Bis(2-ethylhexyl)phthalate	13.96	149	9676	2.361 ng	#	59
85) Di-n-octyl phthalate	14.55	149	37721	5.847 ng	#	76

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117296.D
Acq On : 2 Oct 2019 13:44
Operator : JU
Sample : K5134-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 03 01:30:20 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



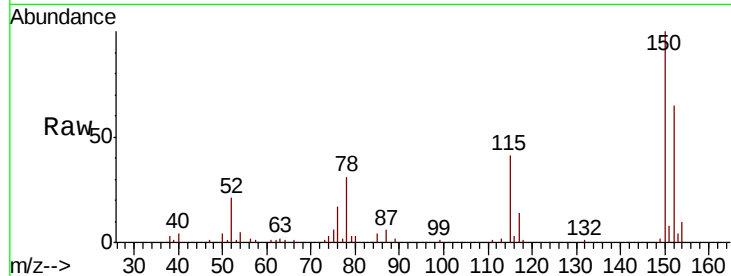


#1

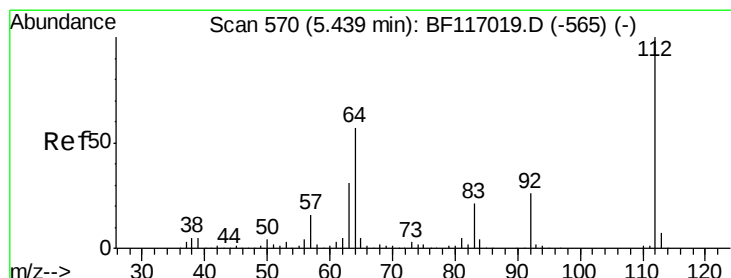
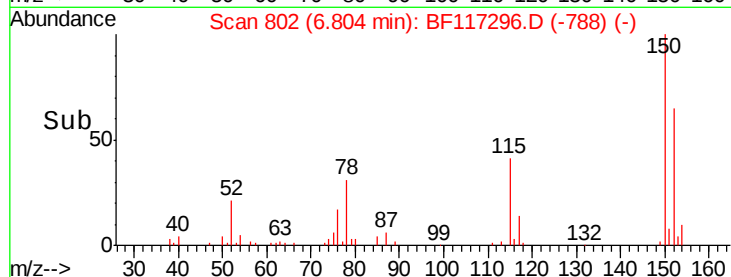
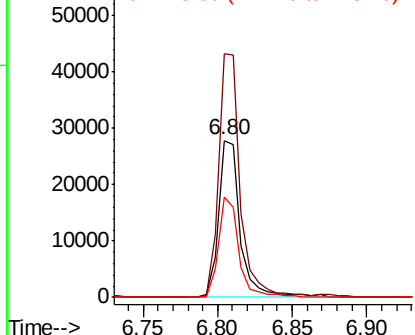
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28517
Ion Ratio Lower Upper
152 100
150 155.0 127.5 191.3
115 63.8 55.0 82.4



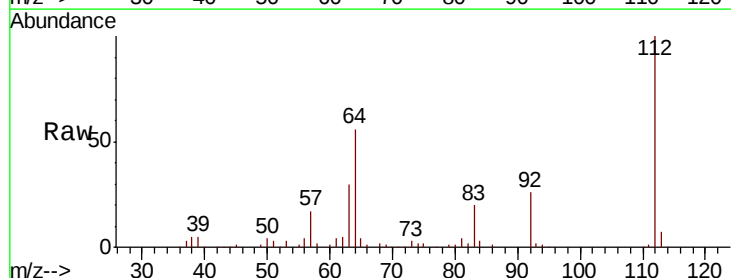
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



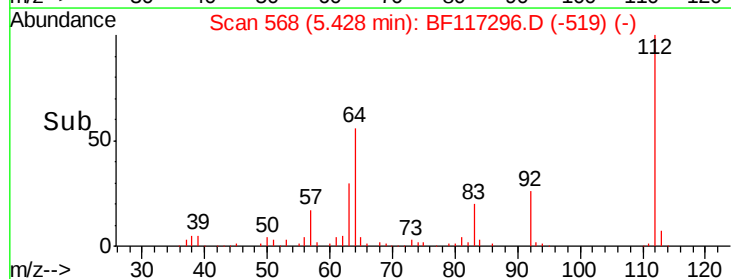
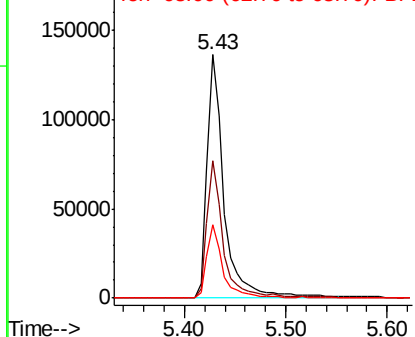
#5

2-Fluorophenol
Concen: 87.320 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Tgt Ion:112 Resp: 159494
Ion Ratio Lower Upper
112 100
64 56.2 45.7 68.5
63 30.0 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: 92.410 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117296.D

Acq: 2 Oct 2019 13:44

Instrument :

BNA_F

ClientSampleId :

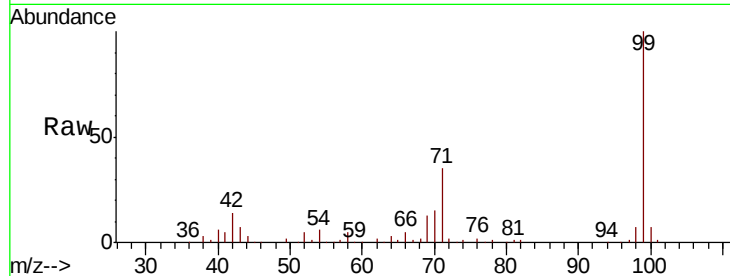
Tot Ion: 99 Resp: 218140

Ion Ratio Lower Upper

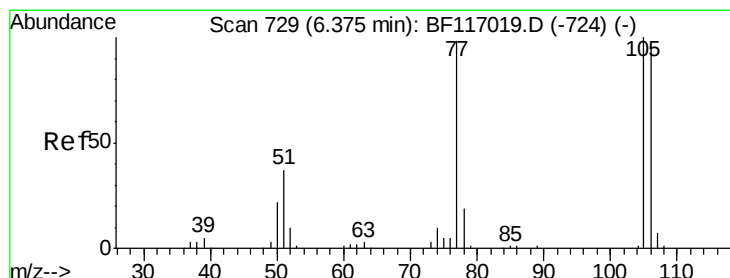
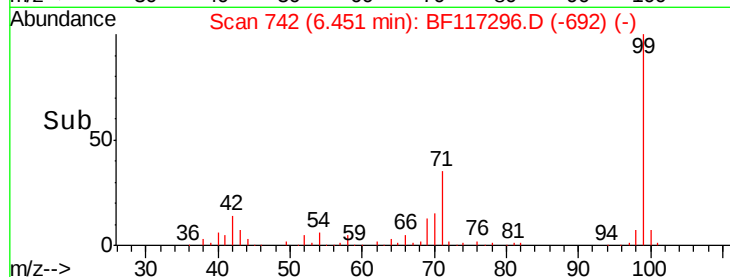
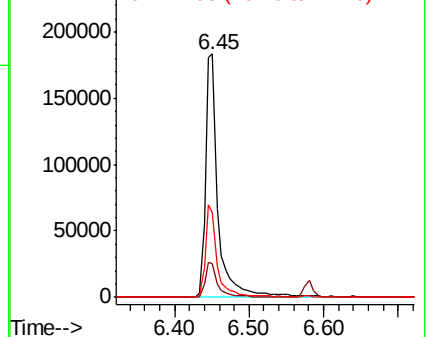
99 100

42 13.8 12.2 18.2

71 35.0 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: 6.45 min Scan# 742

Delta R.T. 0.08 min

Lab File: BF117296.D

Acq: 2 Oct 2019 13:44

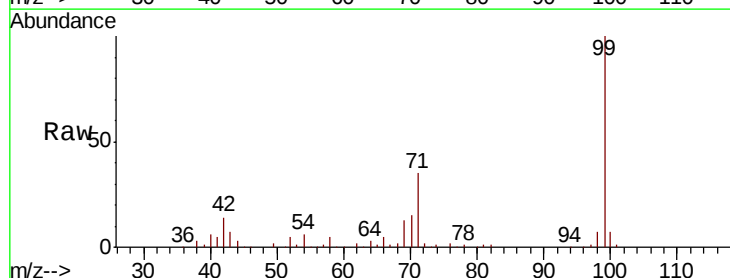
Tgt Ion: 77 Resp: 303

Ion Ratio Lower Upper

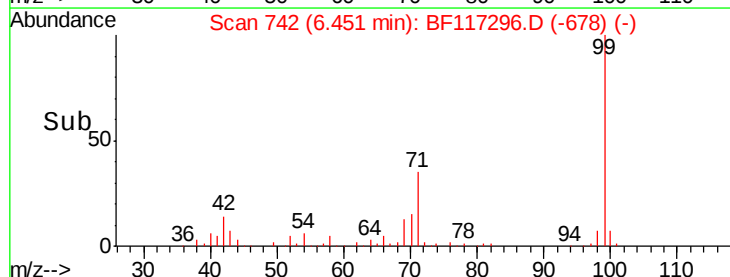
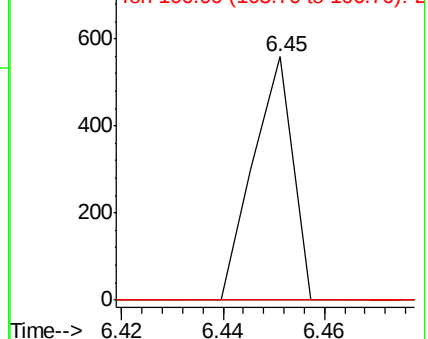
77 100

105 0.0 81.8 121.8#

106 0.0 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

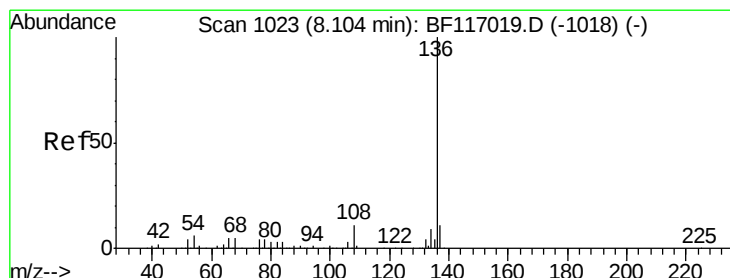
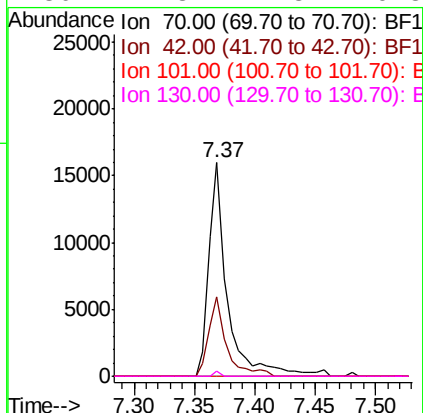
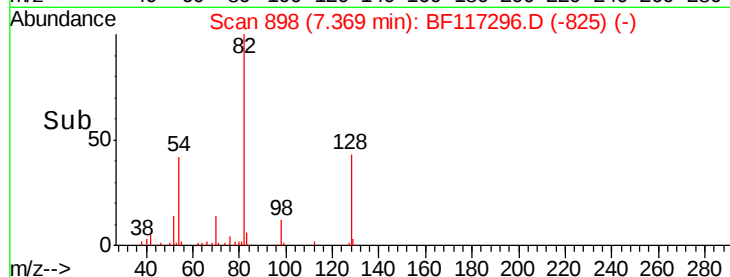
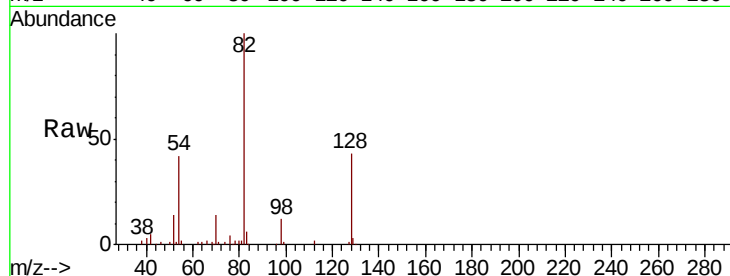




#19
n-Nitroso-di-n-propylamine
Concen: 11.837 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

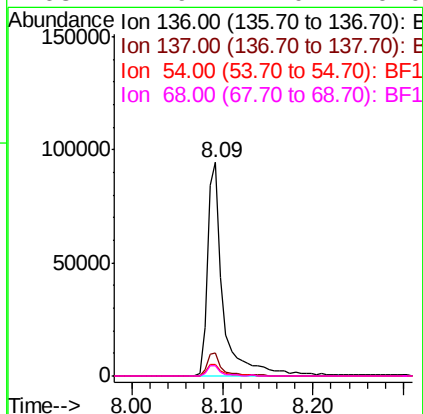
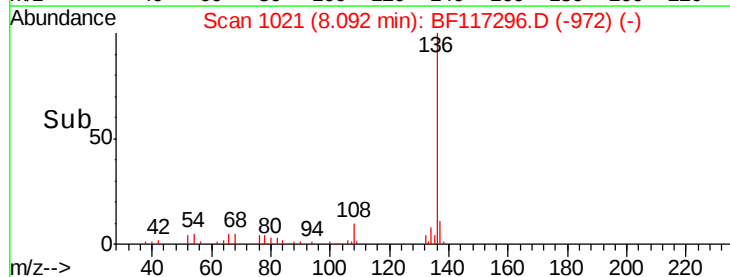
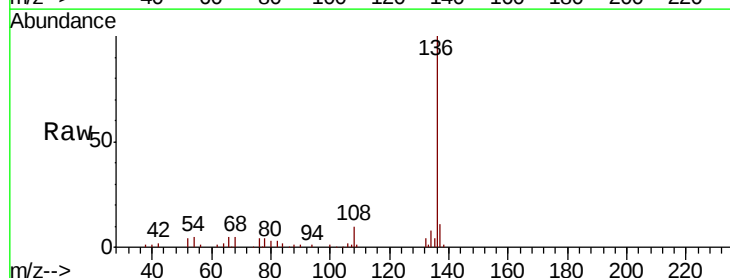
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 17014
Ion Ratio Lower Upper
70 100
42 37.2 34.0 51.0
101 0.0 7.8 11.6#
130 2.3 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: BF117296.D
Acq: 2 Oct 2019 13:44

Tgt Ion: 136 Resp: 115365
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 5.4 4.5 6.7
68 4.9 4.0 6.0

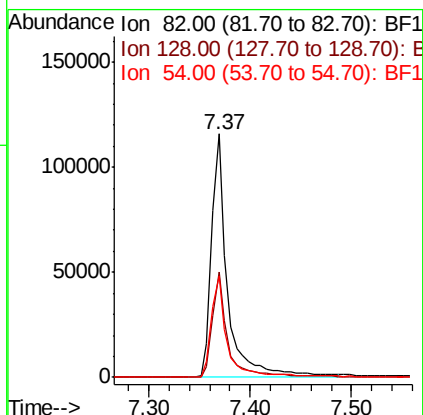
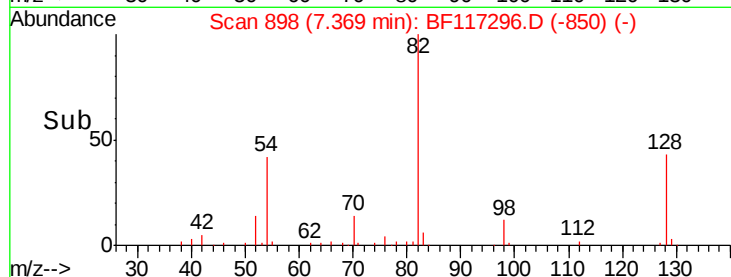
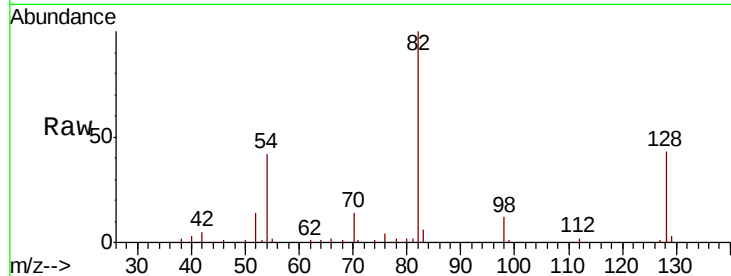




#23
 Nitrobenzene-d5
 Concen: 58.668 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117296.D
 Acq: 2 Oct 2019 13:44

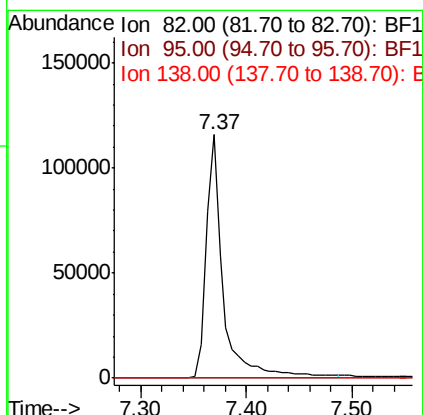
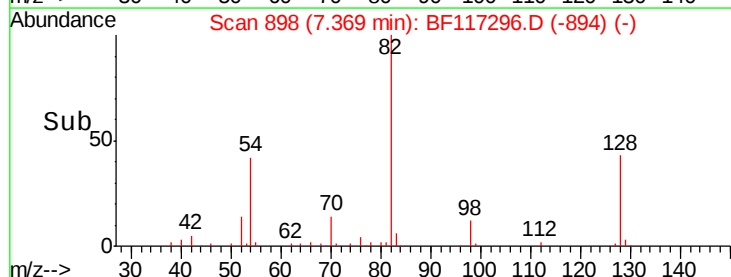
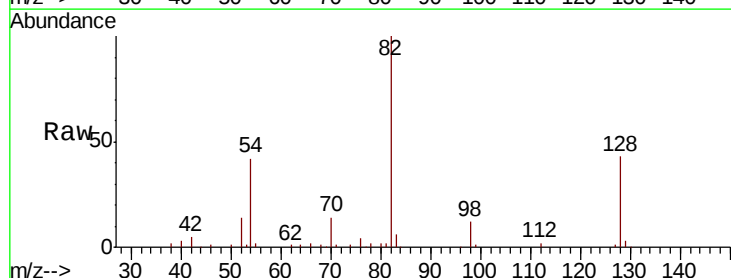
Instrument :
 BNA_F
 ClientSampleId :

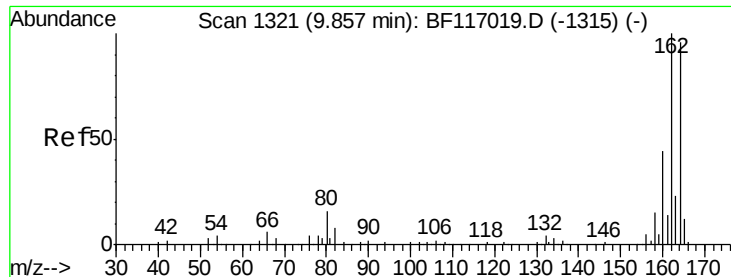
Tot Ion	82	Resp	128	Ratio	Lower	Upper
82	100					
128	43.2				32.3	48.5
54	41.8				33.3	49.9



#25
 Isophorone
 Concen: 33.135 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.28 min
 Lab File: BF117296.D
 Acq: 2 Oct 2019 13:44

Tgt Ion	82	Resp	128	Ratio	Lower	Upper
82	100					
95	0.0				5.8	8.6#
138	0.0				13.5	20.3#

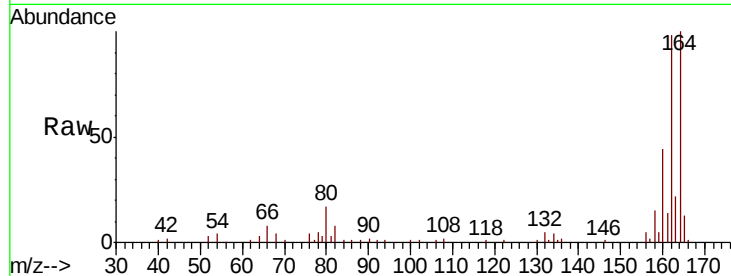




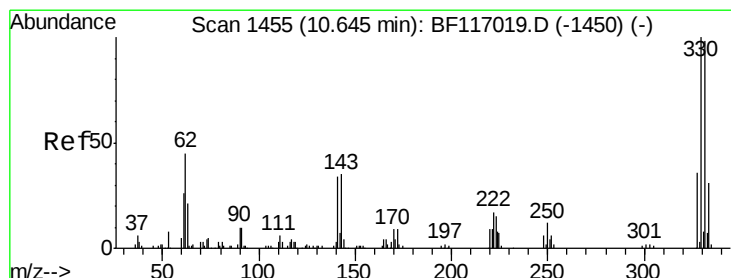
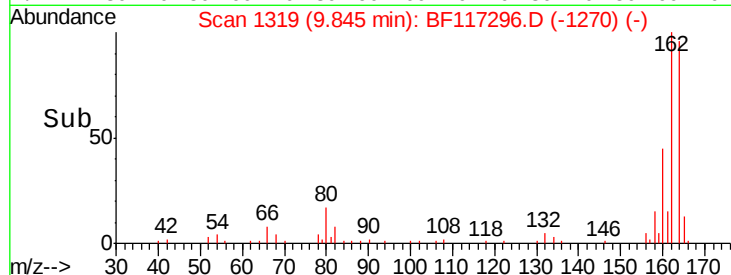
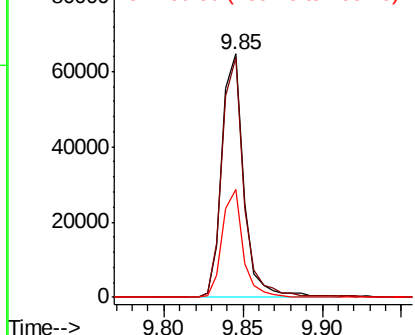
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 62111
Ion Ratio Lower Upper
164 100
162 98.4 83.4 125.2
160 44.2 36.4 54.6

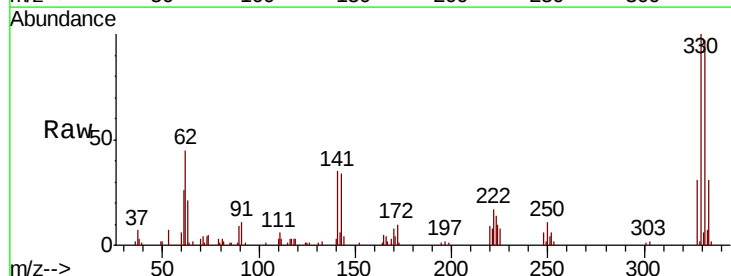


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

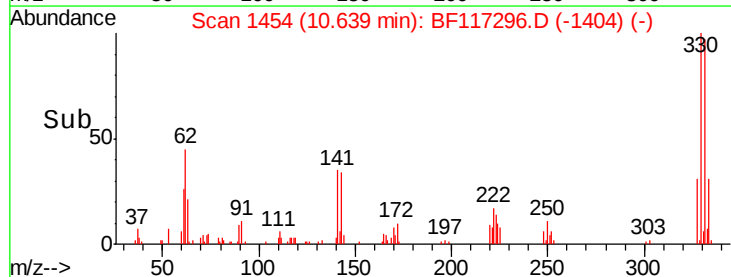
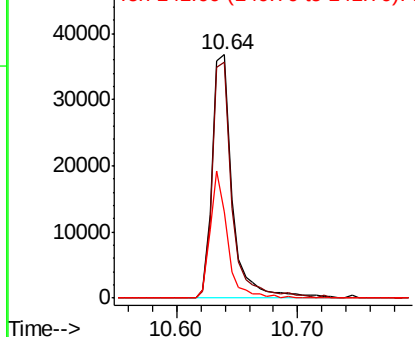


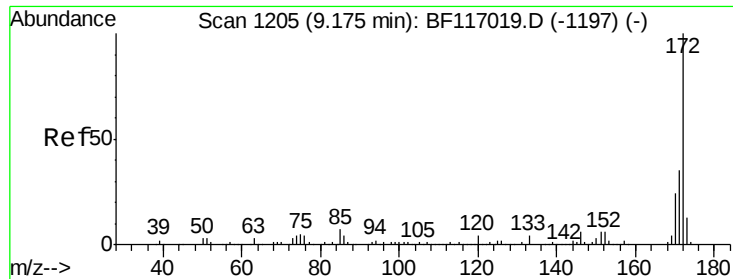
#42
2,4,6-Tribromophenol
Concen: 81.563 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Tgt Ion:330 Resp: 42340
Ion Ratio Lower Upper
330 100
332 94.6 78.0 117.0
141 43.8 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

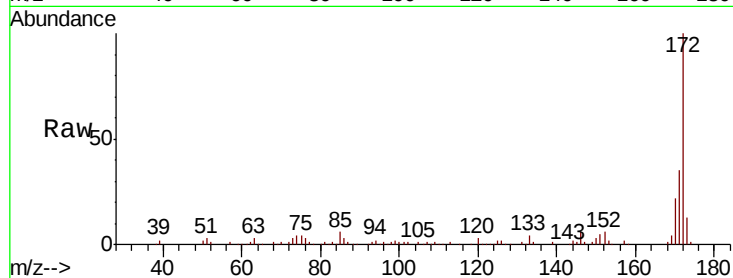




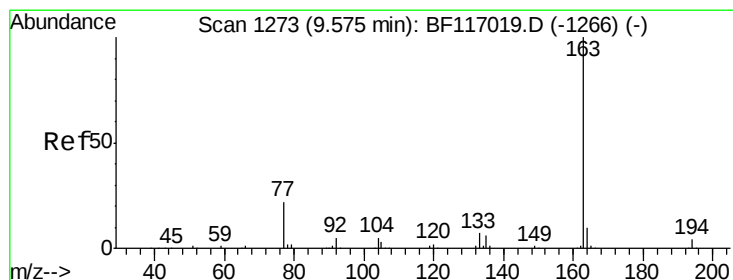
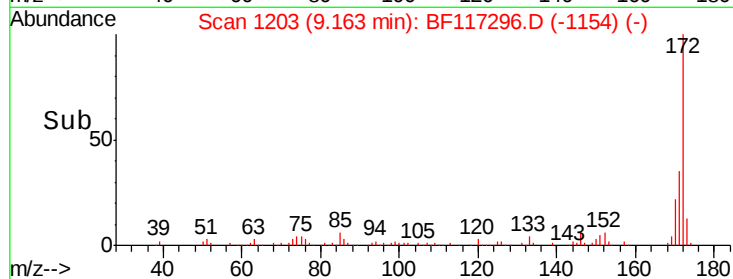
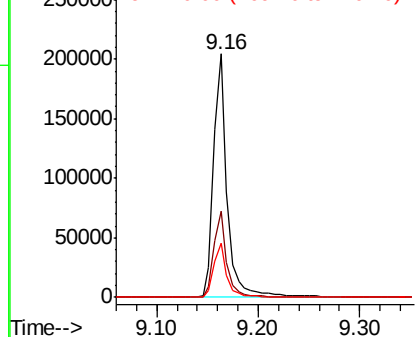
#45
2-Fluorobiphenyl
Concen: 48.186 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 191413
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 22.1 18.9 28.3

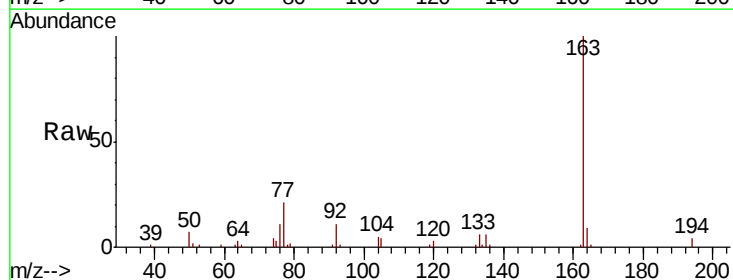


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

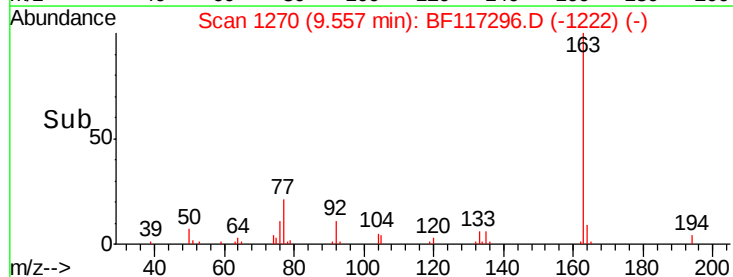
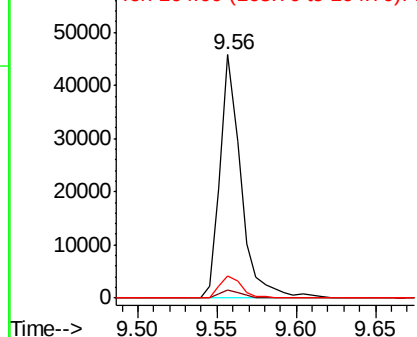


#50
Dimethylphthalate
Concen: 9.606 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Tgt Ion:163 Resp: 42246
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.2 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

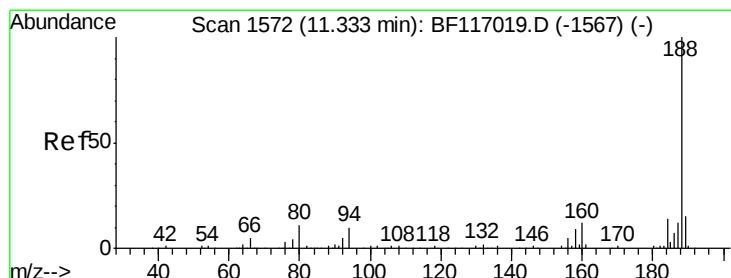
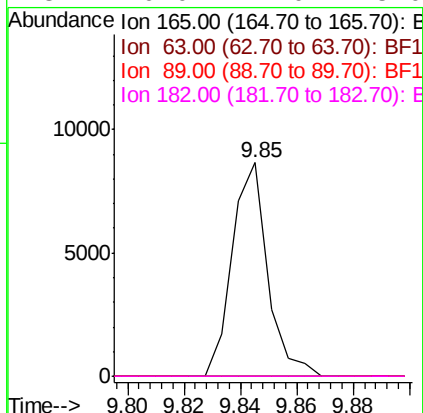
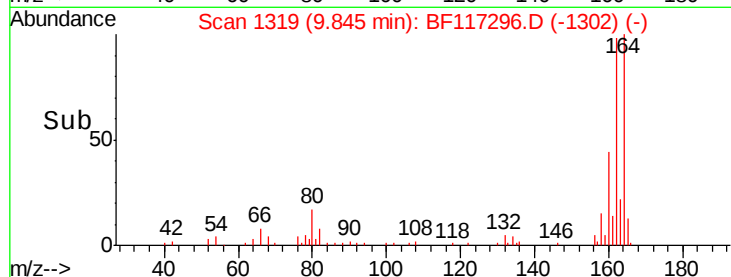
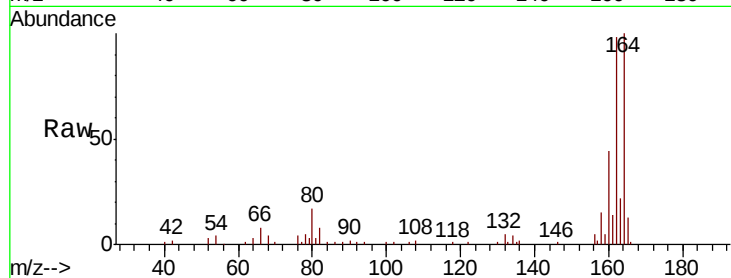




#57
 2,4-Dinitrotoluene
 Concen: 6.526 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF117296.D
 Acq: 2 Oct 2019 13:44

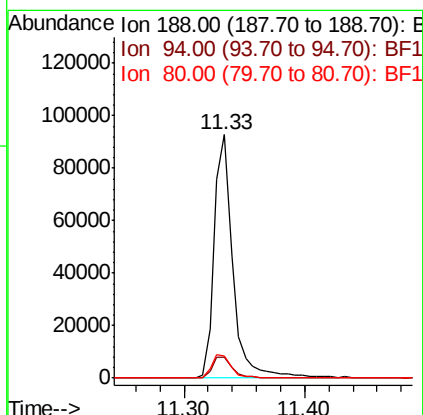
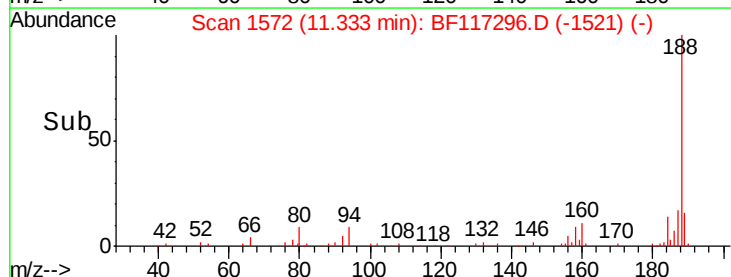
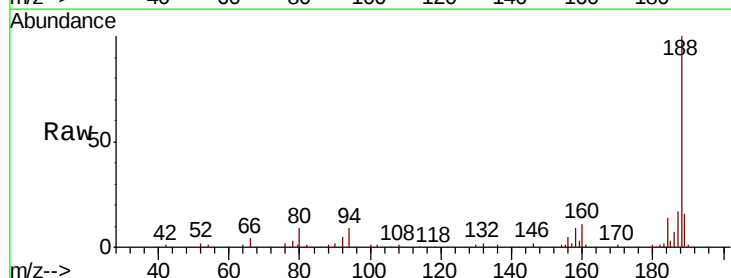
Instrument :
 BNA_F
 ClientSampleId :

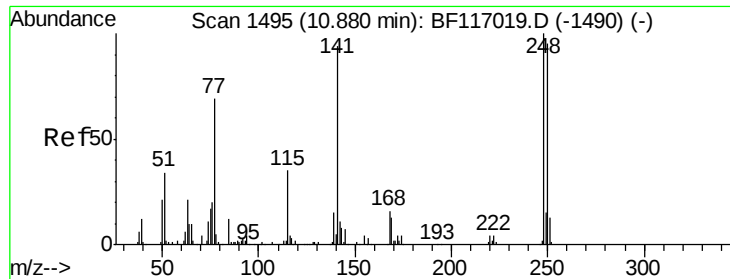
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117296.D
 Acq: 2 Oct 2019 13:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.1	9.0	13.6

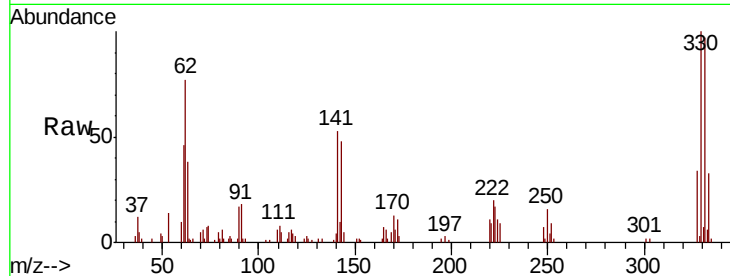




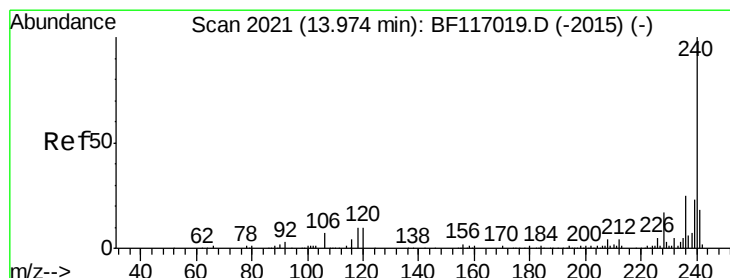
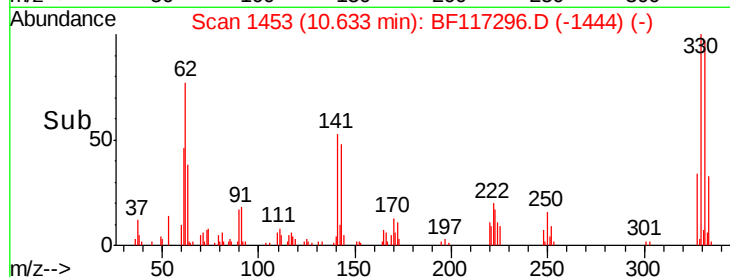
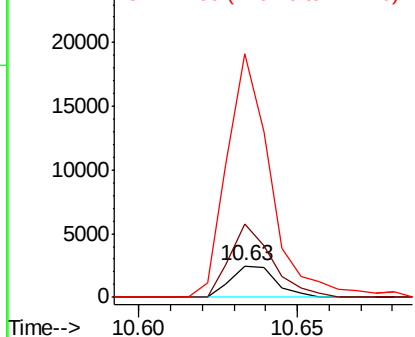
#67
4-Bromophenyl-phenylether
Concen: 2.461 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 2473
Ion Ratio Lower Upper
248 100
250 234.2 76.2 114.4#
141 775.0 75.0 112.4#

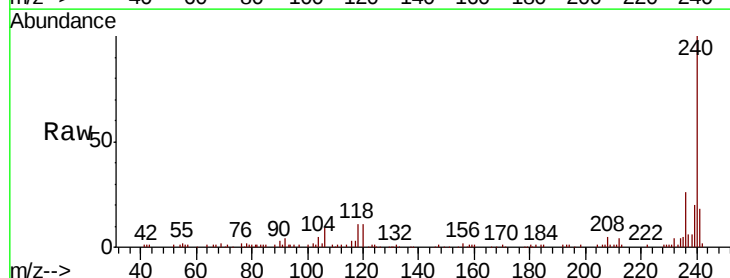


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

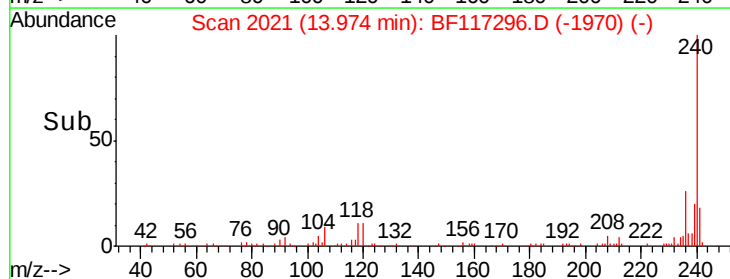
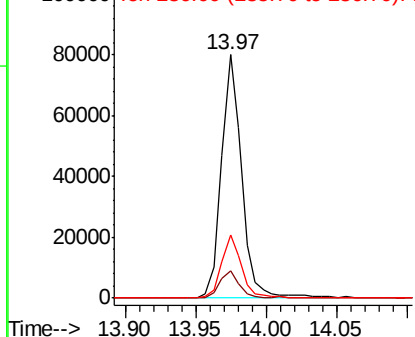


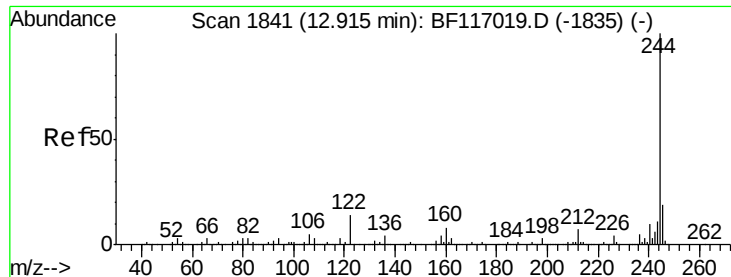
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Tgt Ion:240 Resp: 80179
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.9 20.3 30.5



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

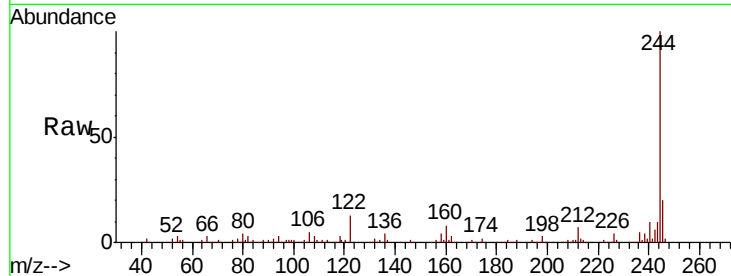




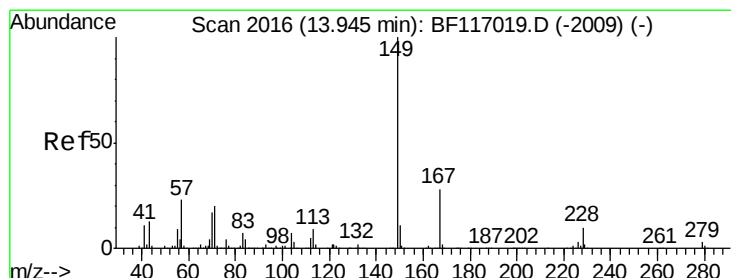
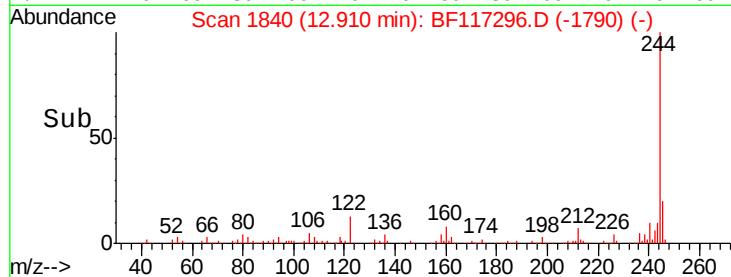
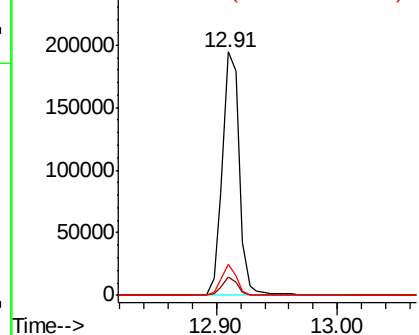
#79
 Terphenyl-d14
 Concen: 43.827 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117296.D
 Acq: 2 Oct 2019 13:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 187994
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 12.9 11.3 16.9

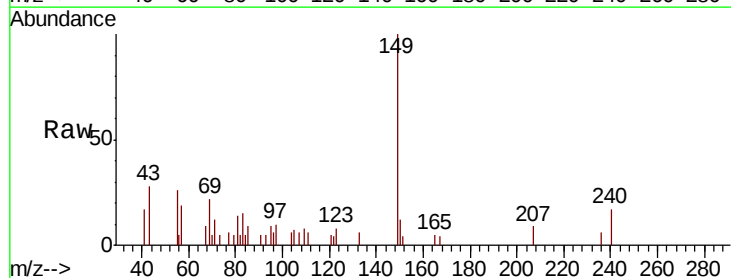


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

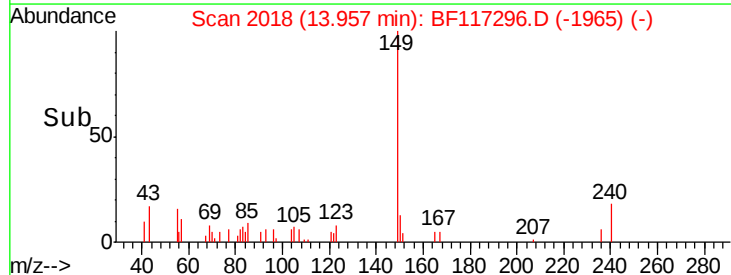
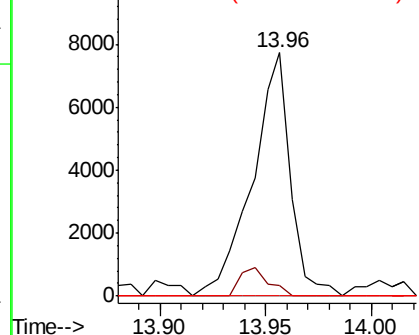


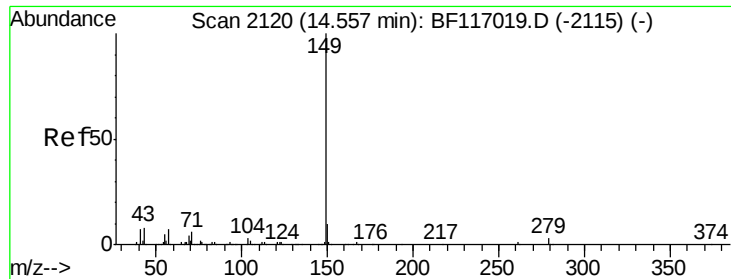
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.361 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF117296.D
 Acq: 2 Oct 2019 13:44

Tgt Ion:149 Resp: 9676
 Ion Ratio Lower Upper
 149 100
 167 4.3 22.2 33.2#
 279 0.0 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

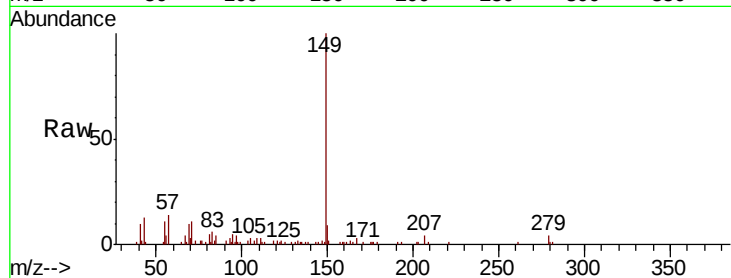




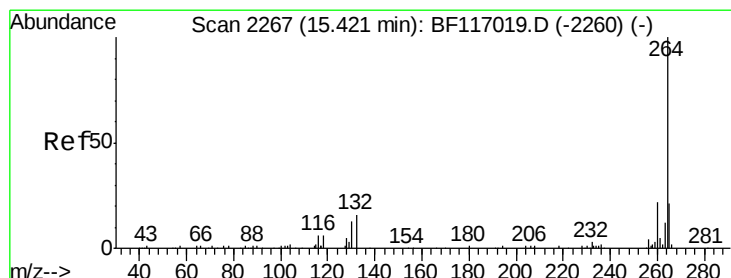
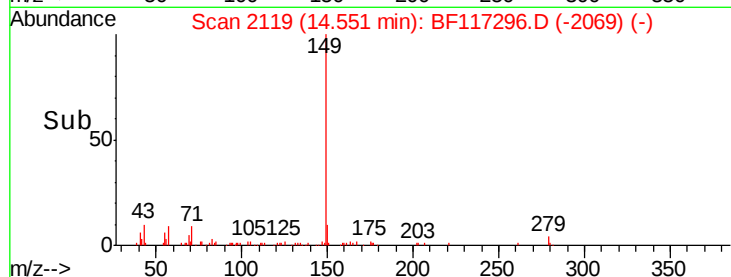
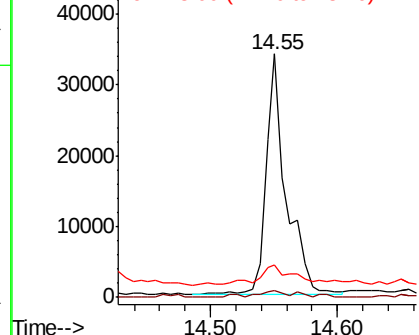
#85
Di-n-octyl phthalate
Concen: 5.847 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 37721
Ion Ratio Lower Upper
149 100
167 4.1 1.2 1.8#
43 17.5 6.2 9.4#

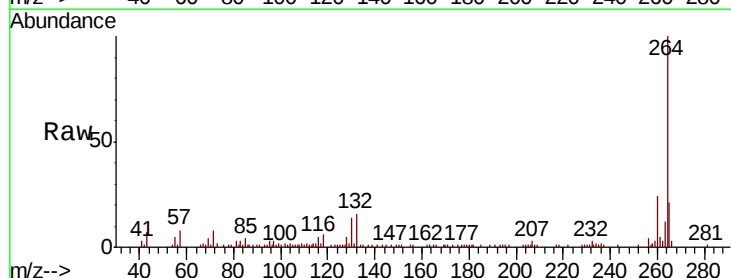


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117296.D
Acq: 2 Oct 2019 13:44

Tgt Ion:264 Resp: 75621
Ion Ratio Lower Upper
264 100
260 23.7 17.6 26.4
265 20.6 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

