

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117301.D
 Acq On : 2 Oct 2019 15:59
 Operator : JU
 Sample : K5128-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:31:13 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

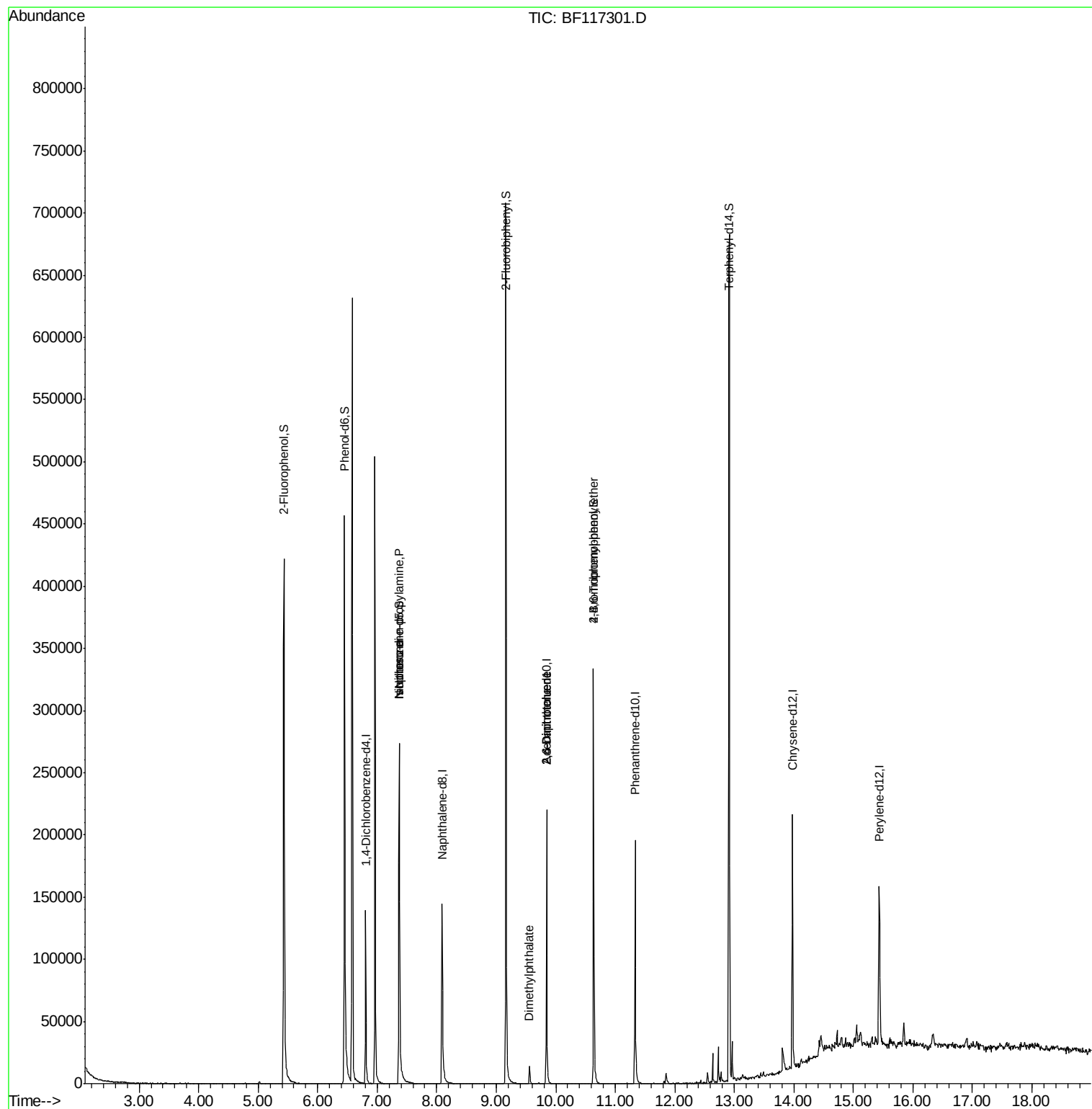
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	23330	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	98777	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	49395	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	83056	20.00	ng	0.00
76) Chrysene-d12	13.97	240	70063	20.00	ng	0.00
87) Perylene-d12	15.43	264	58044	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	146070	97.75	ng	0.00
7) Phenol-d6	6.45	99	201796	104.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	117168	62.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	40646	98.46	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	226383	71.66	ng	-0.01
79) Terphenyl-d14	12.92	244	241092	64.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	4028	Below Cal		Qvalue # 69
19) n-Nitroso-di-n-propylamine	7.37	70	15627	13.289	ng	# 78
25) Isophorone	7.37	82	117167	35.200	ng	# 66
50) Dimethylphthalate	9.56	163	8387	2.398	ng	# 97
51) 2,6-Dinitrotoluene	9.85	165	5747	8.068	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	5747	6.216	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	2510	2.959	ng	# 1

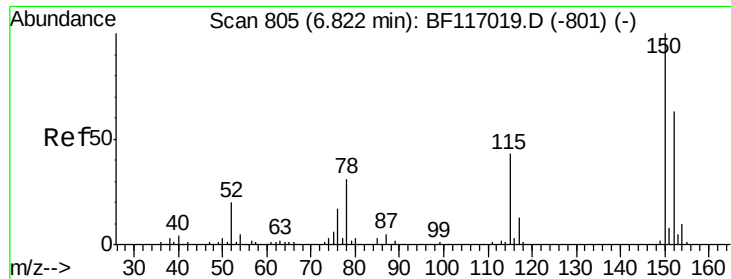
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 01:31:13 2019
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QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



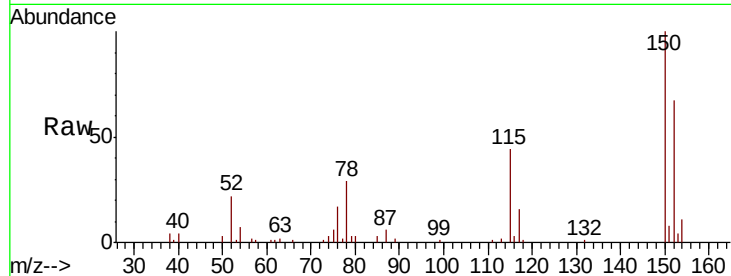


#1

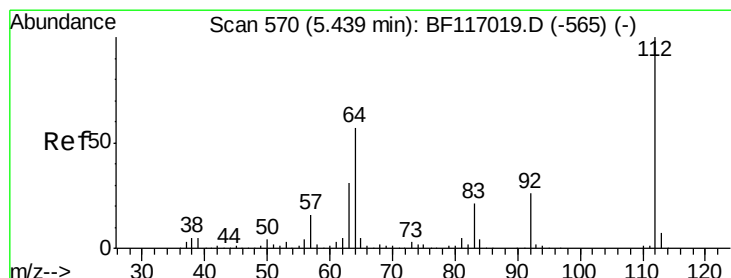
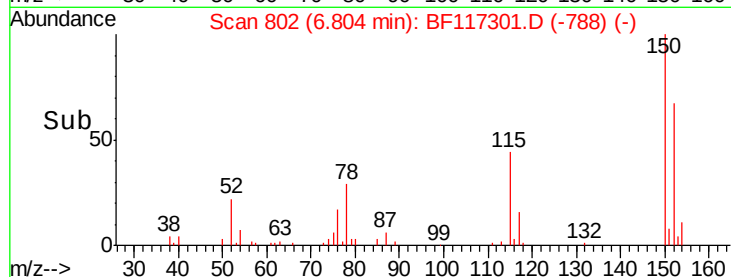
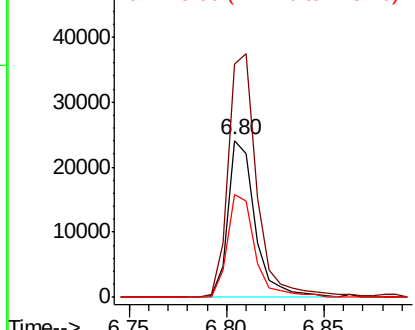
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117301.D
Acq: 2 Oct 2019 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 23330
Ion Ratio Lower Upper
152 100
150 149.0 127.5 191.3
115 65.4 55.0 82.4



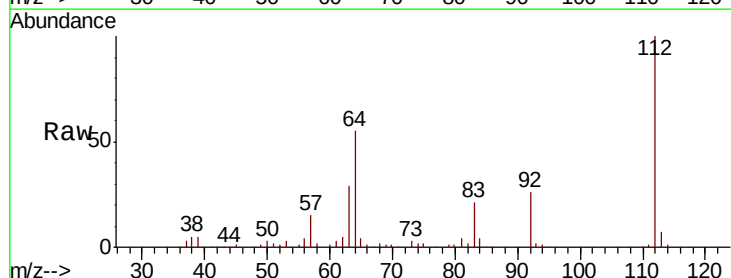
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



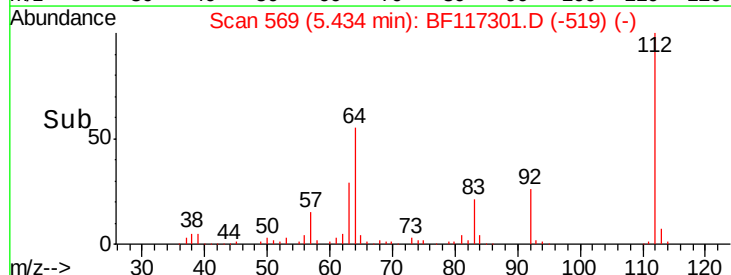
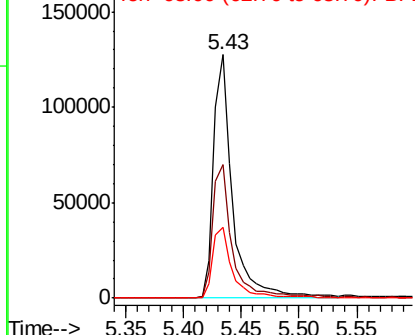
#5

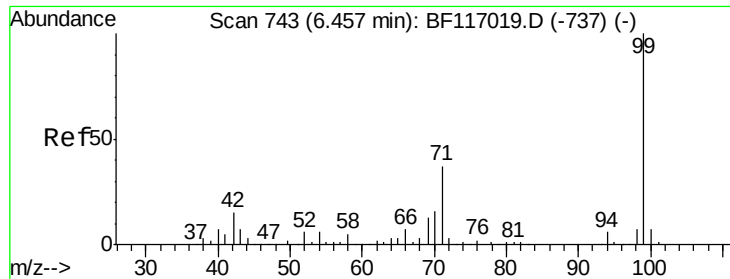
2-Fluorophenol
Concen: 97.750 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117301.D
Acq: 2 Oct 2019 15:59

Tgt Ion:112 Resp: 146070
Ion Ratio Lower Upper
112 100
64 54.9 45.7 68.5
63 28.9 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: 104.493 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117301.D

Acq: 2 Oct 2019 15:59

Instrument :

BNA_F

ClientSampleId :

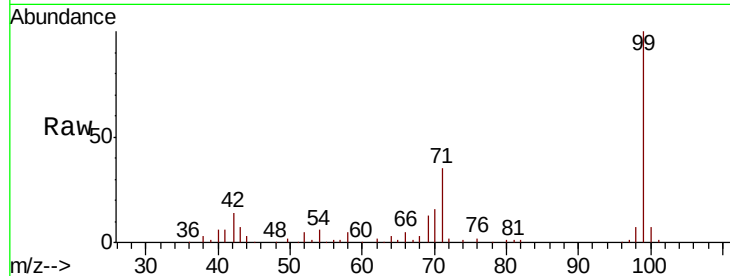
Tot Ion: 99 Resp: 201796

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.2

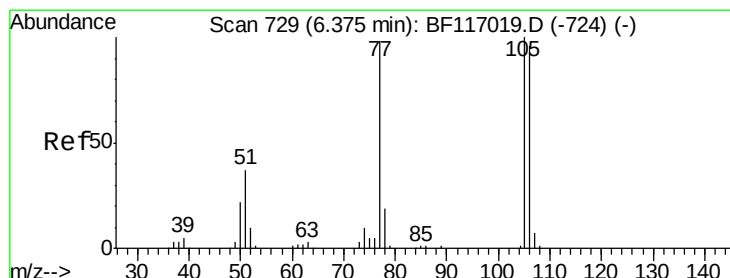
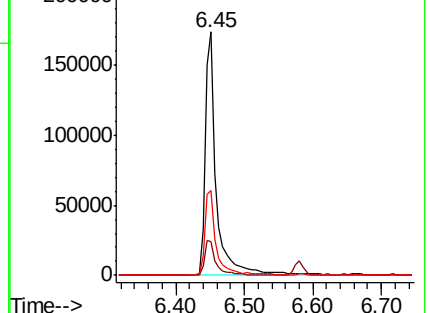
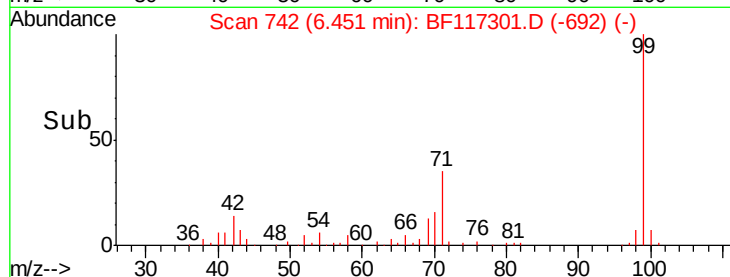
71 35.1 29.8 44.8



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: BF117301.D

Acq: 2 Oct 2019 15:59

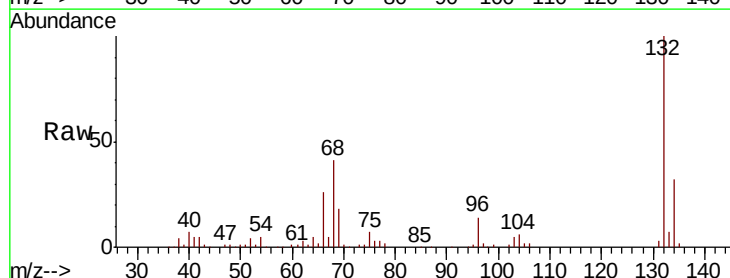
Tgt Ion: 77 Resp: 4028

Ion Ratio Lower Upper

77 100

105 74.4 81.8 121.8#

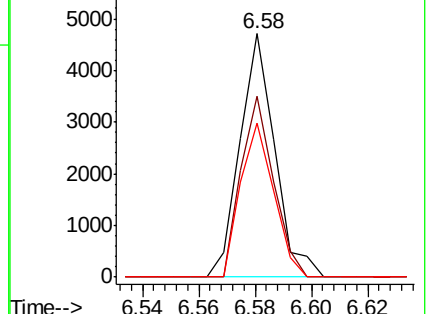
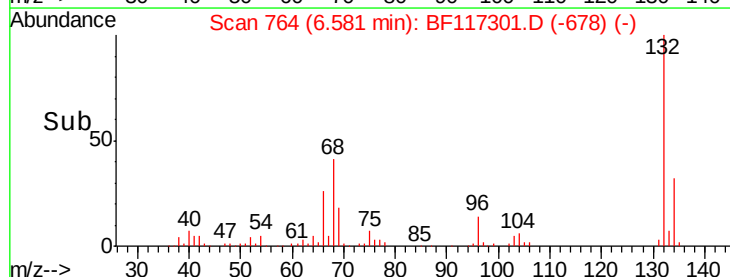
106 63.2 77.3 117.3#

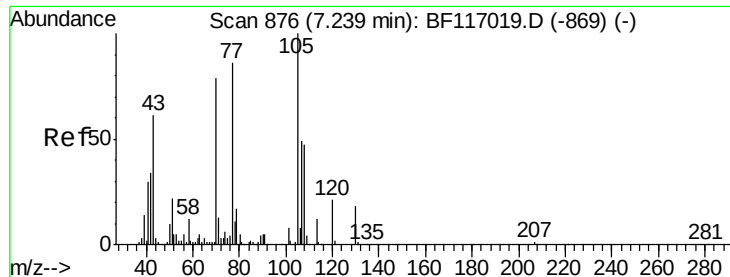


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

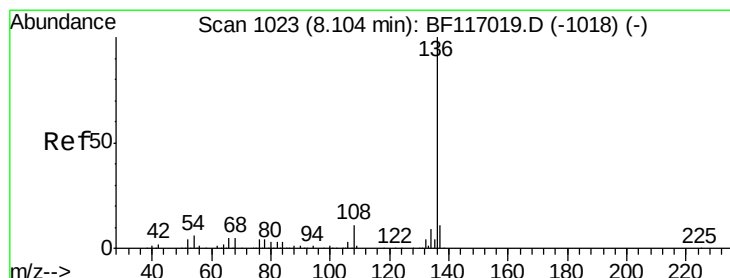
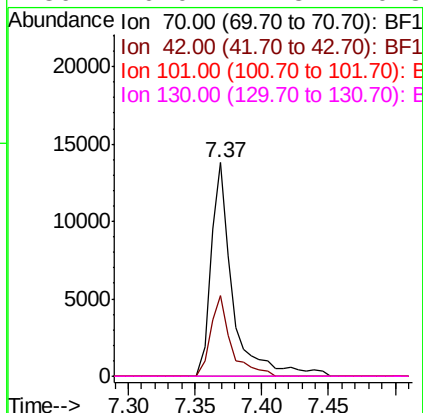
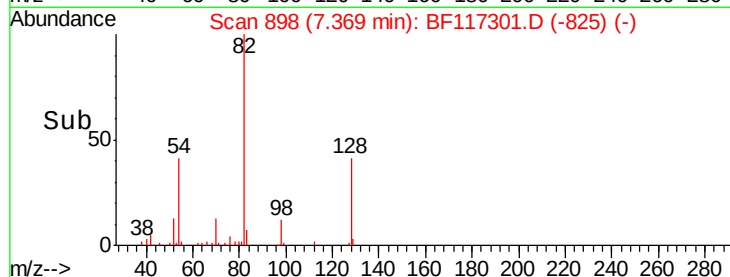
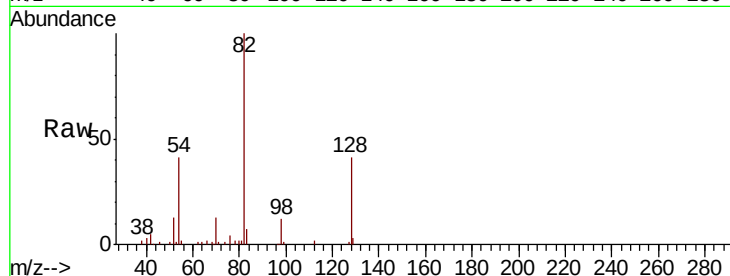




#19
n-Nitroso-di-n-propylamine
Concen: 13.289 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117301.D
Acq: 2 Oct 2019 15:59

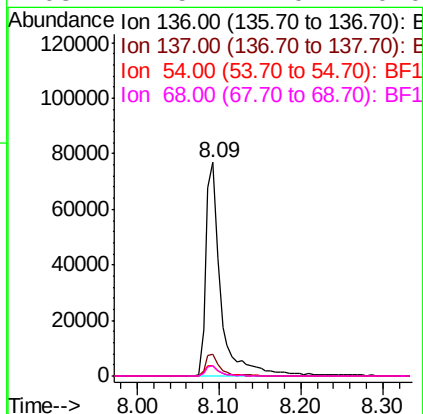
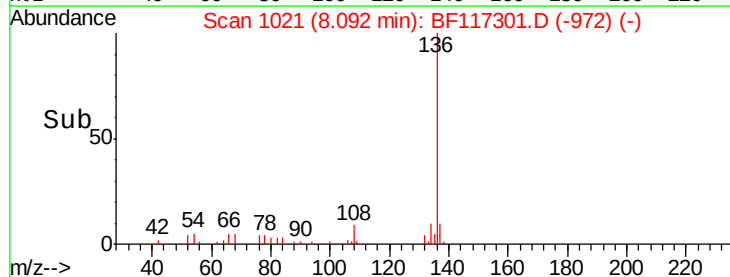
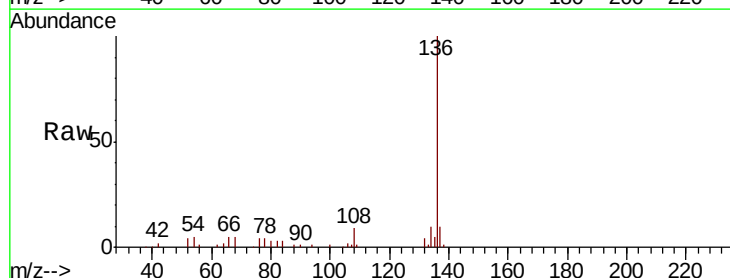
Instrument :
BNA_F
ClientSampleId :

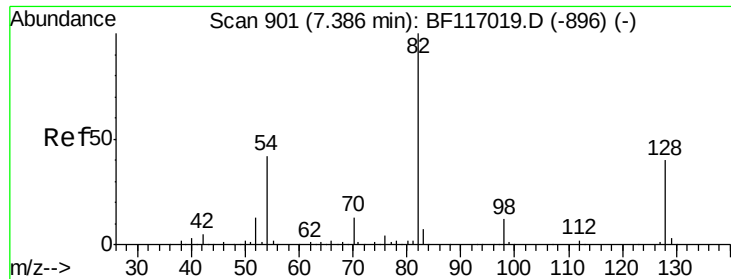
Tot Ion: 70 Resp: 15627
Ion Ratio Lower Upper
70 100
42 37.8 34.0 51.0
101 0.0 7.8 11.6#
130 0.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117301.D
Acq: 2 Oct 2019 15:59

Tgt Ion: 136 Resp: 98777
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 5.1 4.5 6.7
68 4.5 4.0 6.0

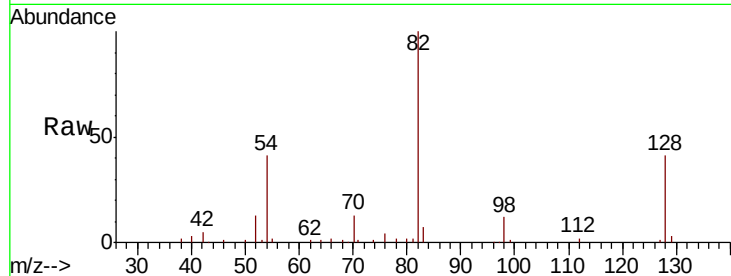




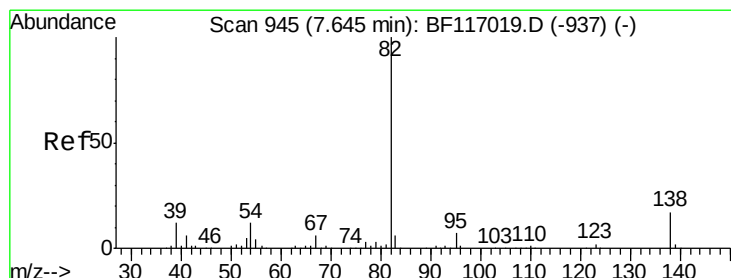
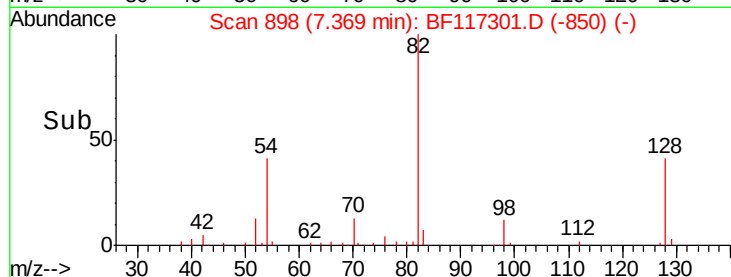
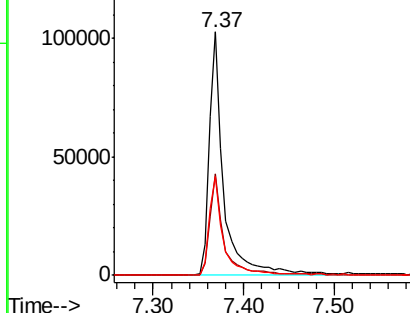
#23
 Nitrobenzene-d5
 Concen: 62.325 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117301.D
 Acq: 2 Oct 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	117168
Ion Ratio	Lower	Upper	
82	100		
128	41.5	32.3	48.5
54	40.9	33.3	49.9

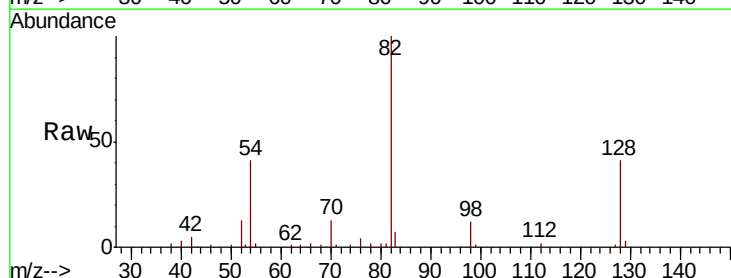


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

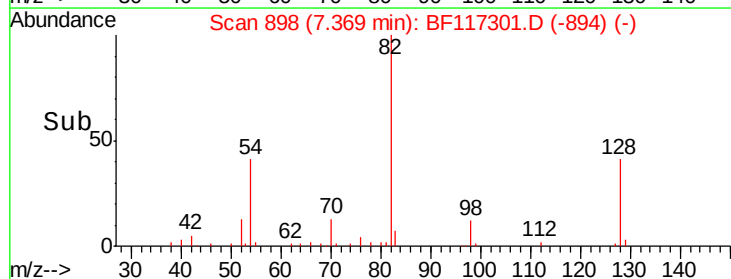
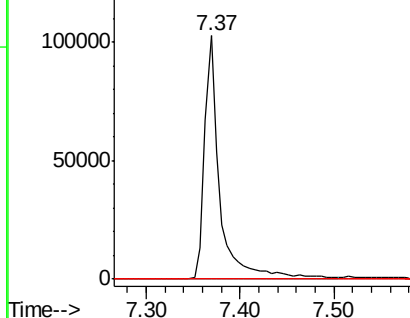


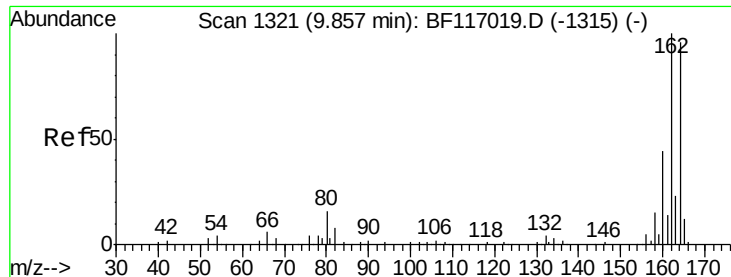
#25
 Isophorone
 Concen: 35.200 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.28 min
 Lab File: BF117301.D
 Acq: 2 Oct 2019 15:59

Tgt Ion	82	Resp	117167
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



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

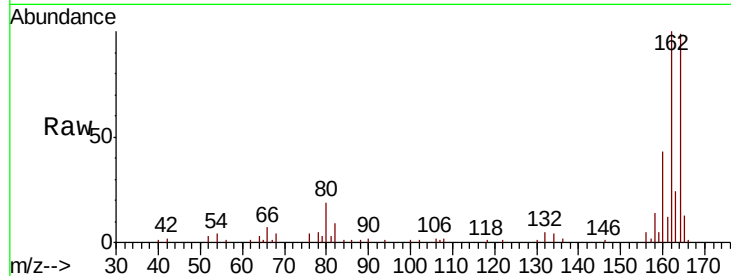




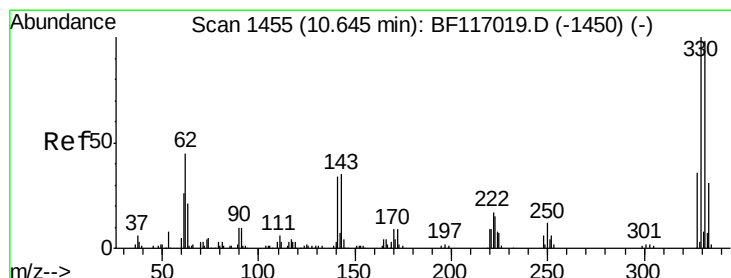
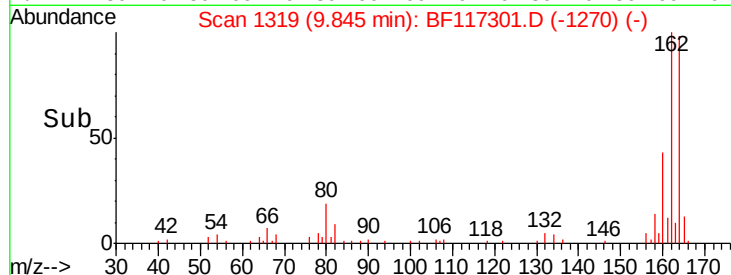
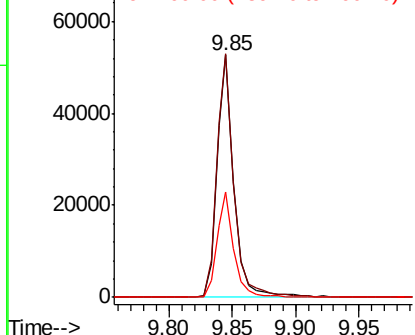
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117301.D
Acq: 2 Oct 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 49395
Ion Ratio Lower Upper
164 100
162 100.7 83.4 125.2
160 43.4 36.4 54.6

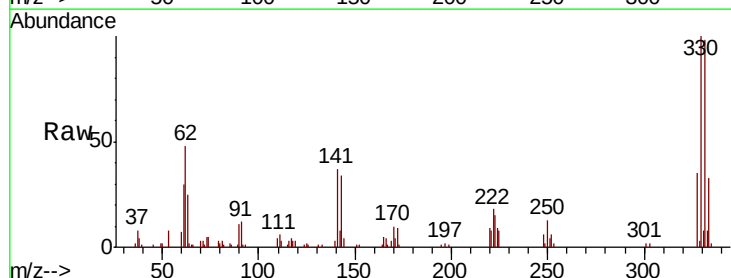


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

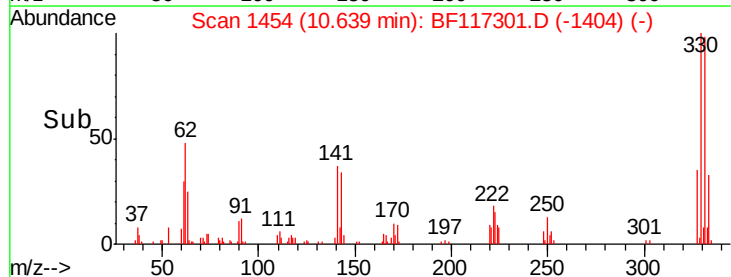
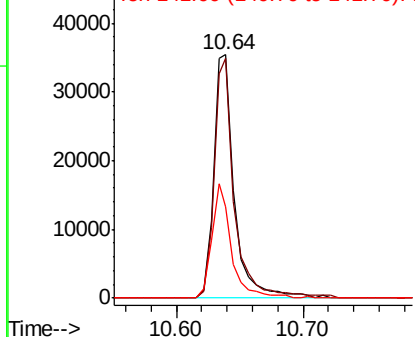


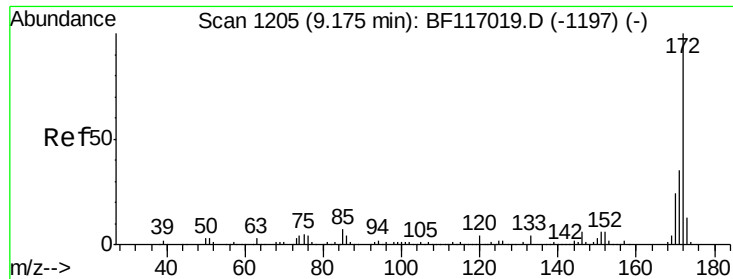
#42
2,4,6-Tribromophenol
Concen: 98.457 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117301.D
Acq: 2 Oct 2019 15:59

Tgt Ion:330 Resp: 40646
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 44.1 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

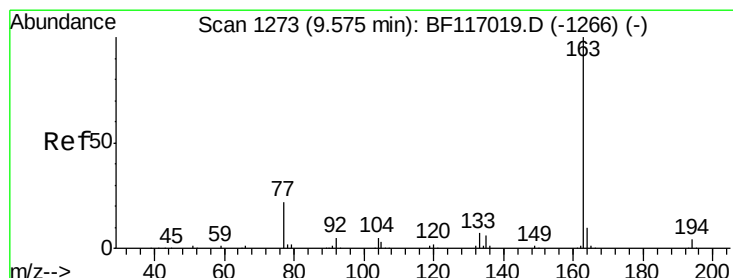
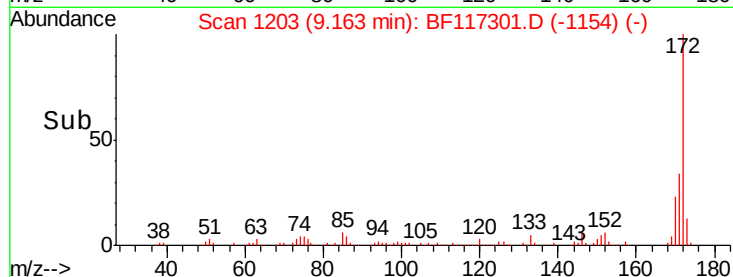
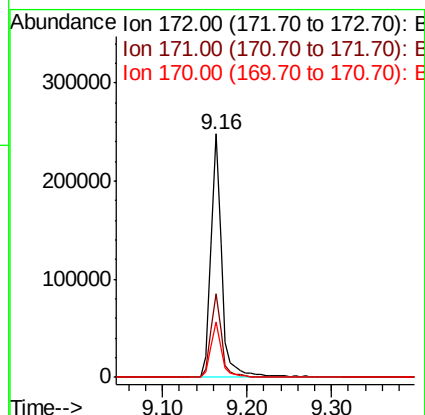
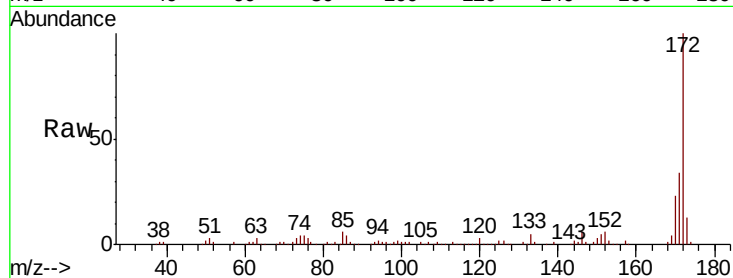




#45
2-Fluorobiphenyl
Concen: 71.660 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117301.D
Acq: 2 Oct 2019 15:59

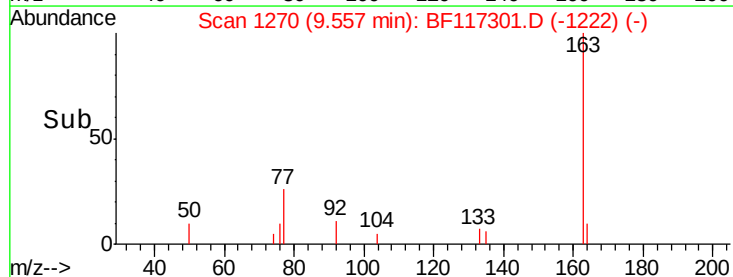
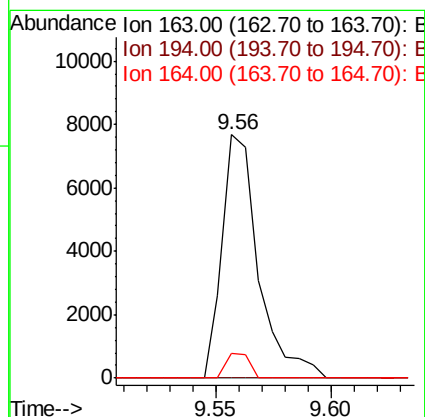
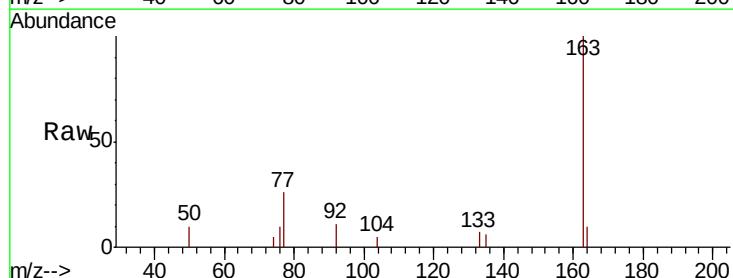
Instrument :
BNA_F
ClientSampleId :

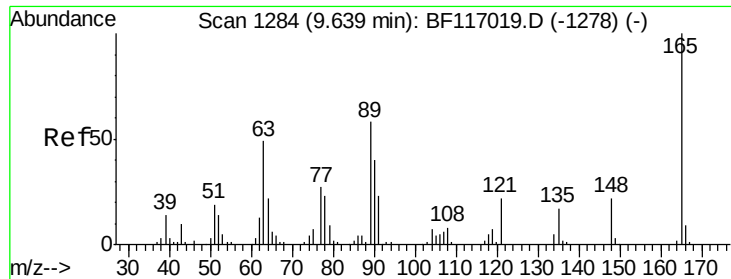
Tot Ion:172 Resp: 226383
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.6 18.9 28.3



#50
Dimethylphthalate
Concen: 2.398 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117301.D
Acq: 2 Oct 2019 15:59

Tgt Ion:163 Resp: 8387
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 10.0 8.2 12.4

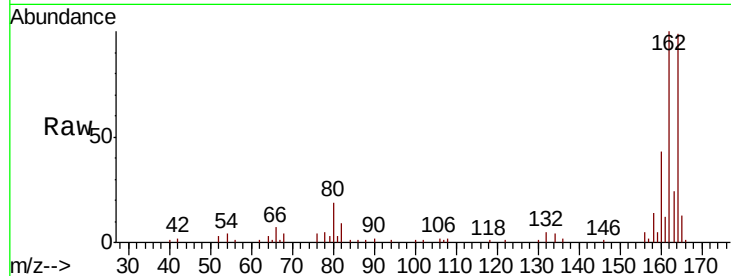




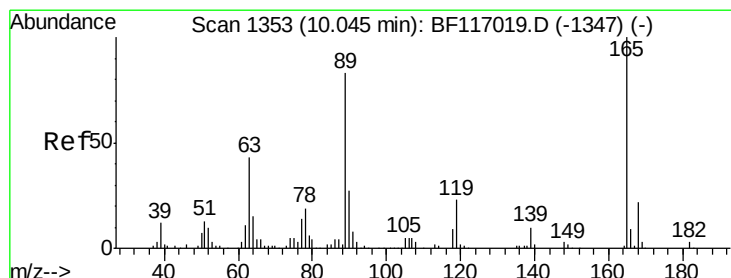
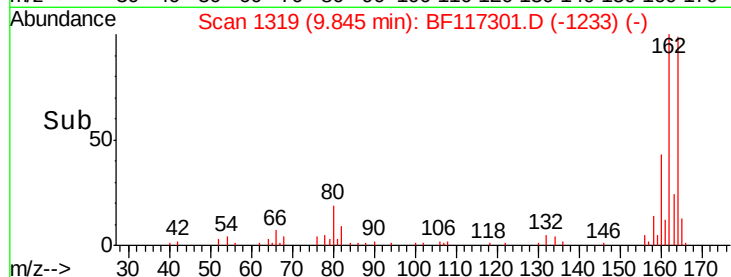
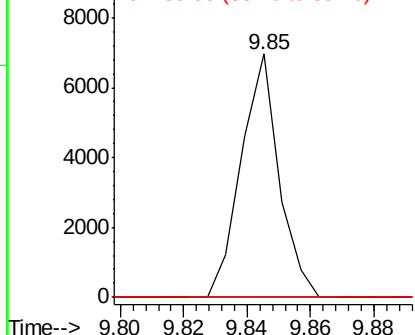
#51
 2,6-Dinitrotoluene
 Concen: 8.068 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF117301.D
 Acq: 2 Oct 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#

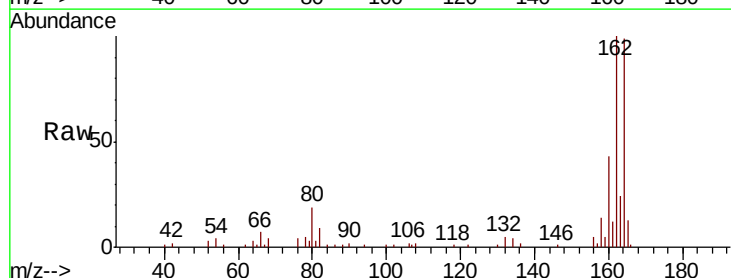


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

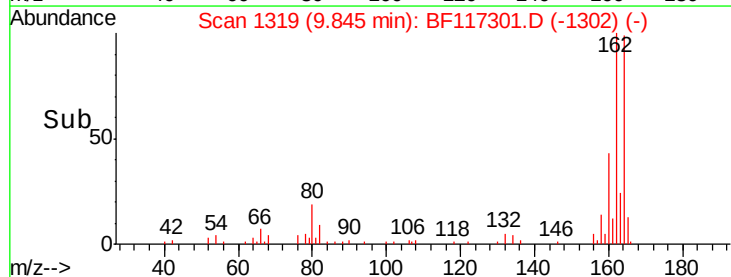
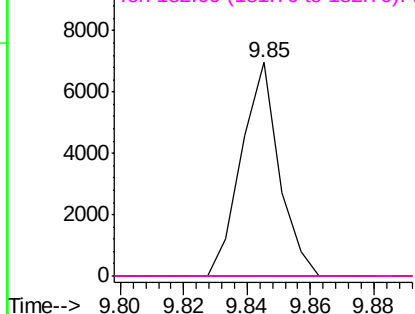


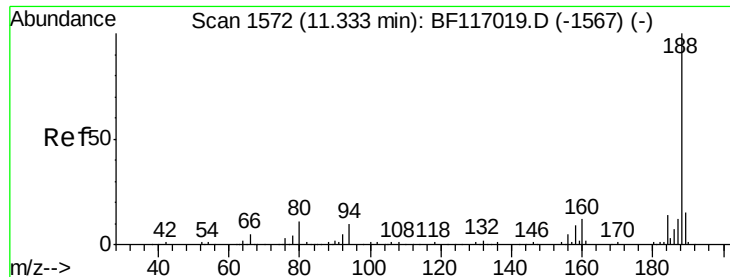
#57
 2,4-Dinitrotoluene
 Concen: 6.216 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF117301.D
 Acq: 2 Oct 2019 15:59

Tgt 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

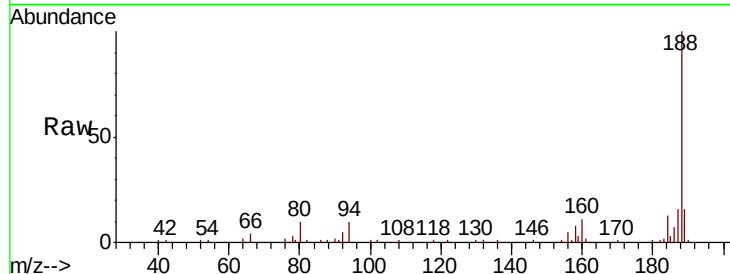




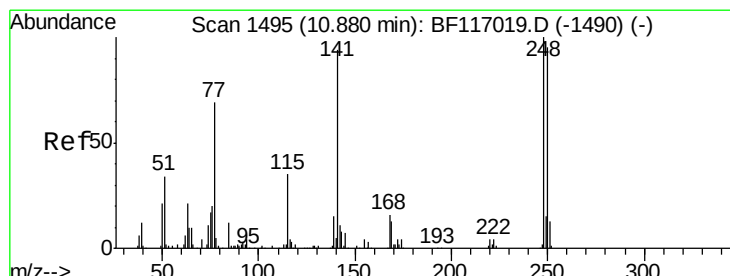
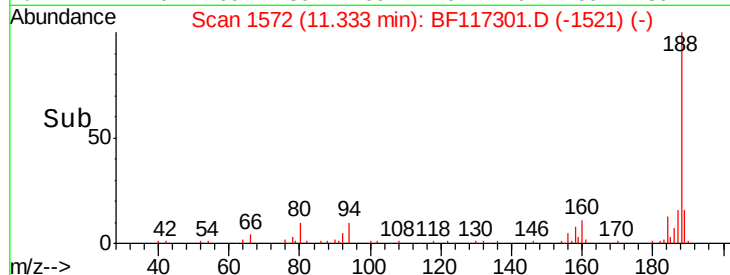
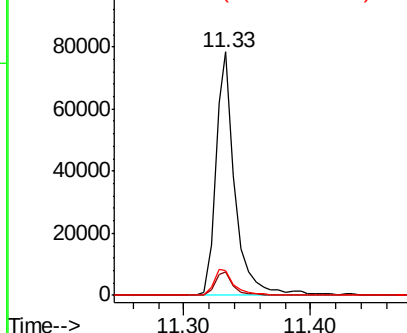
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117301.D
Acq: 2 Oct 2019 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 83056
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.4 9.0 13.6

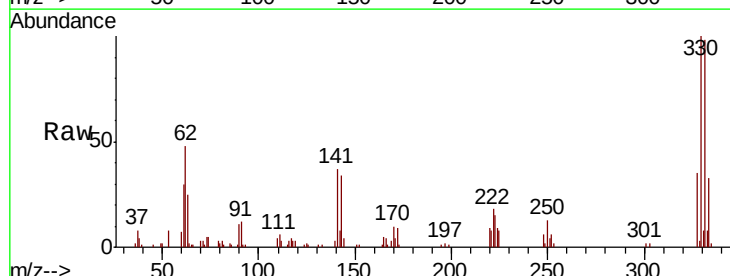


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

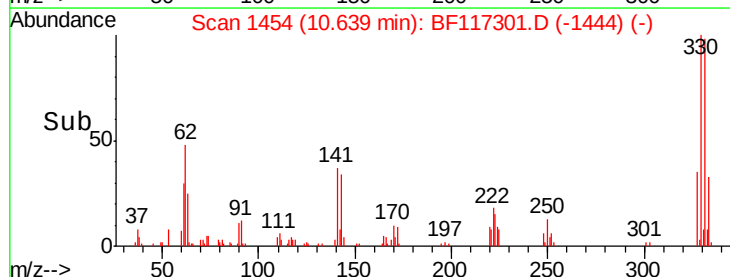
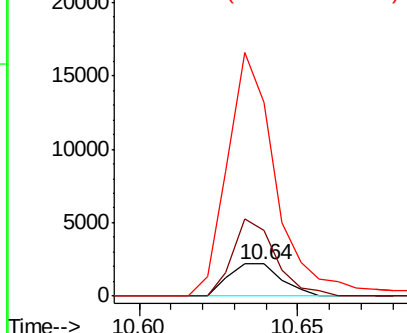


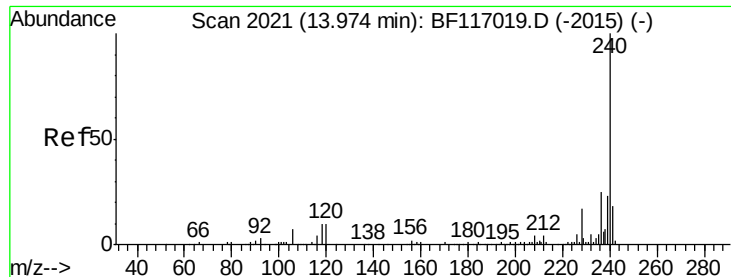
#67
4-Bromophenyl-phenylether
Concen: 2.959 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117301.D
Acq: 2 Oct 2019 15:59

Tgt Ion:248 Resp: 2510
Ion Ratio Lower Upper
248 100
250 201.3 76.2 114.4#
141 599.9 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: BF117301.D

Acq: 2 Oct 2019 15:59

Instrument :

BNA_F

ClientSampleId :

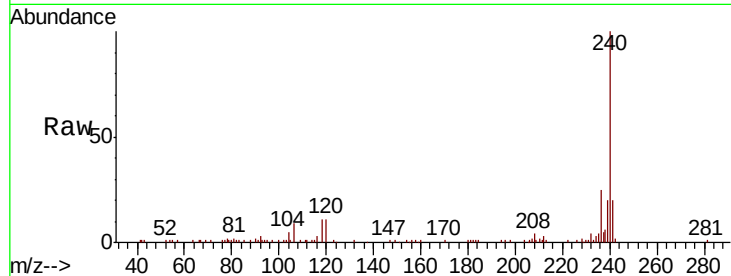
Tot Ion:240 Resp: 70063

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

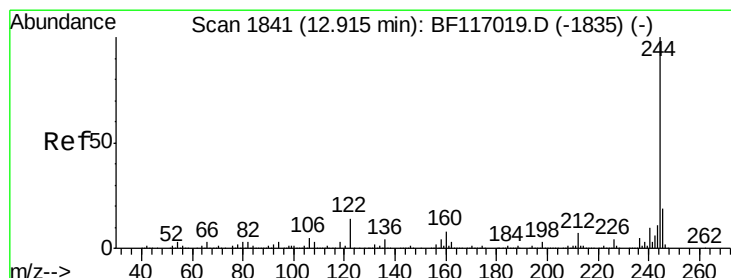
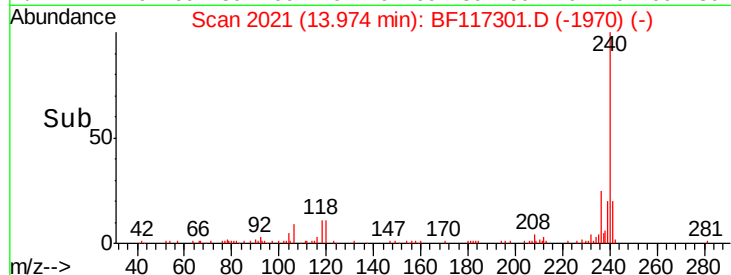
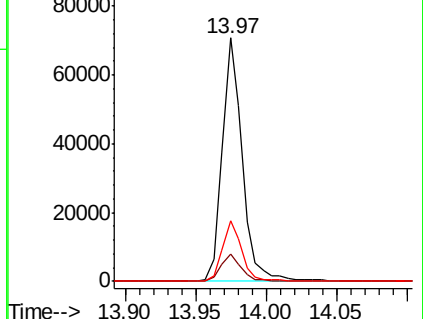
236 24.8 20.3 30.5



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: 64.321 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117301.D

Acq: 2 Oct 2019 15:59

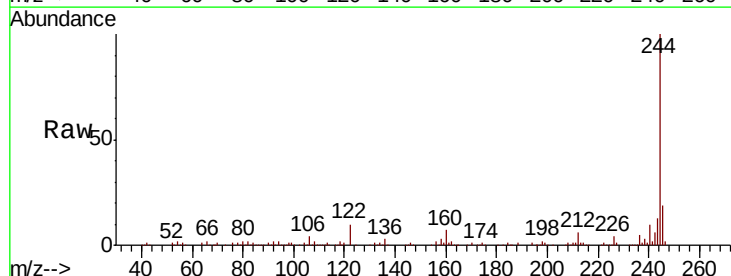
Tgt Ion:244 Resp: 241092

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

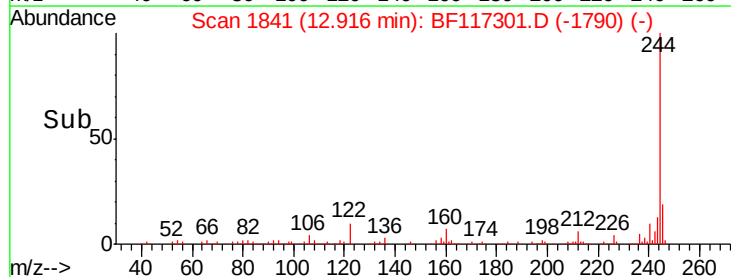
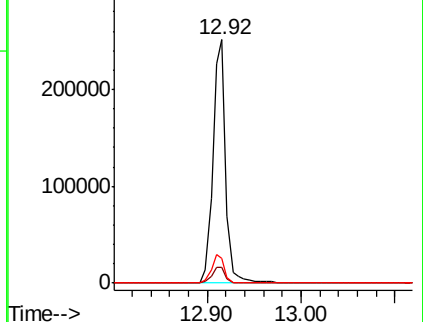
122 10.1 11.3 16.9#

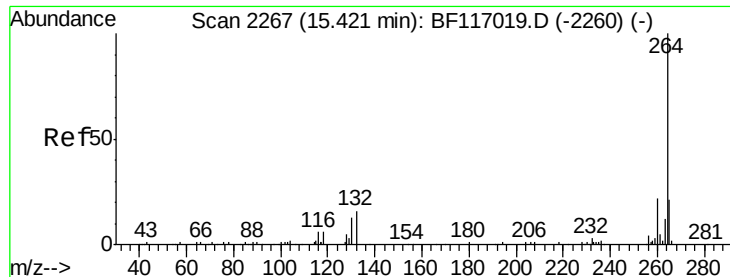


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117301.D
 Acq: 2 Oct 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 58044
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.6 26.4
 265 21.7 16.6 24.8

