

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117349.D
 Acq On : 8 Oct 2019 19:10
 Operator : JU
 Sample : K5238-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:31:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

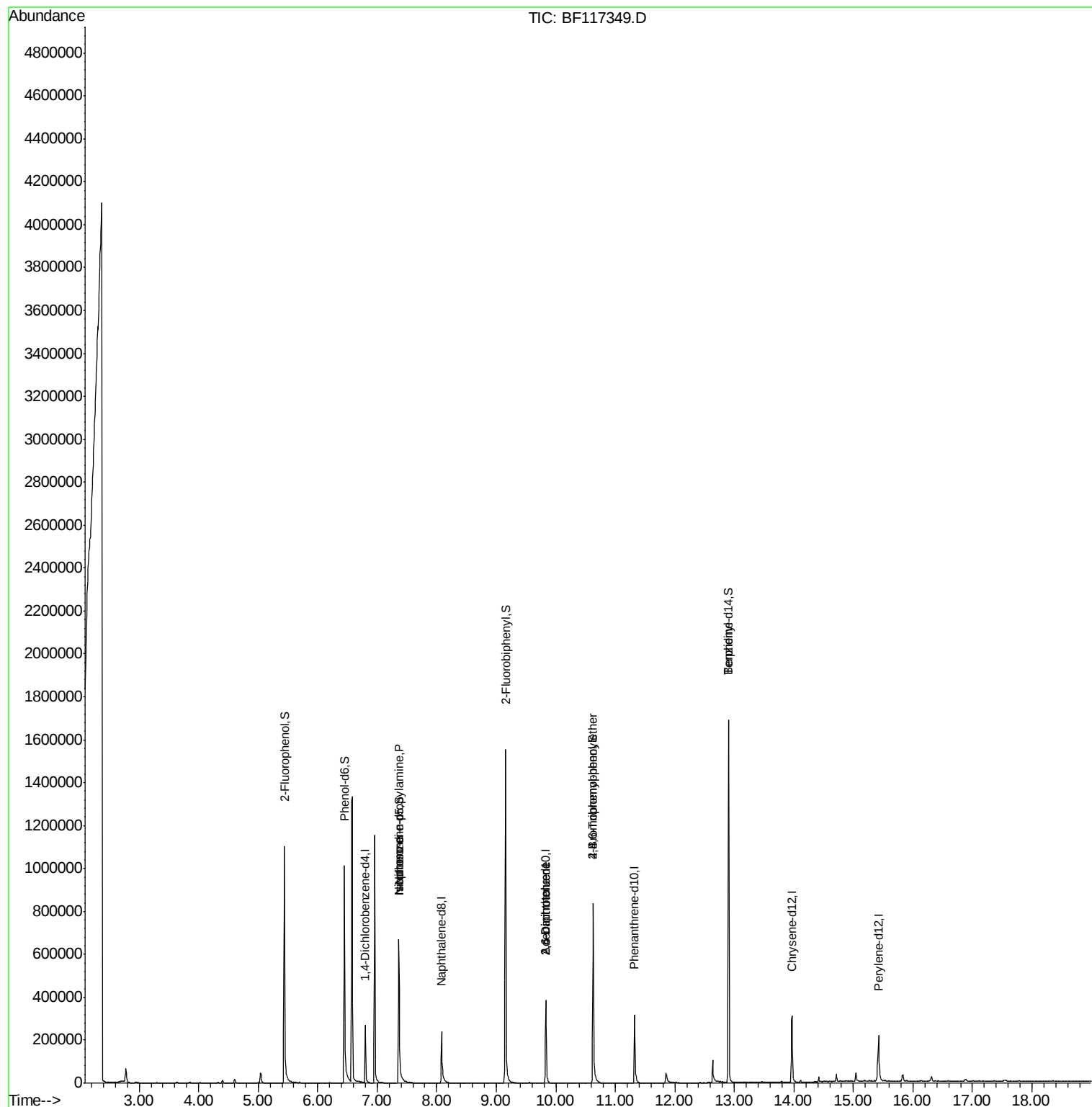
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	45864	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	181780	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	95327	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	161851	20.00	ng	0.00
76) Chrysene-d12	13.97	240	134286	20.00	ng	0.00
87) Perylene-d12	15.42	264	119749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	373156	127.03	ng	0.01
7) Phenol-d6	6.45	99	474699	125.04	ng	0.00
23) Nitrobenzene-d5	7.36	82	310884	89.86	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	113969	143.05	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	576464	94.55	ng	0.00
79) Terphenyl-d14	12.91	244	632946	88.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	526	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	39355	17.024	ng	# 81
25) Isophorone	7.36	82	310883	50.751	ng	# 66
51) 2,6-Dinitrotoluene	9.83	165	11586	8.428	ng	# 24
57) 2,4-Dinitrotoluene	9.83	165	11586	6.493	ng	# 18
67) 4-Bromophenyl-phenylether	10.63	248	7121	4.308	ng	# 1
77) Benizidine	12.90	184	8844	2.045	ng	# 94

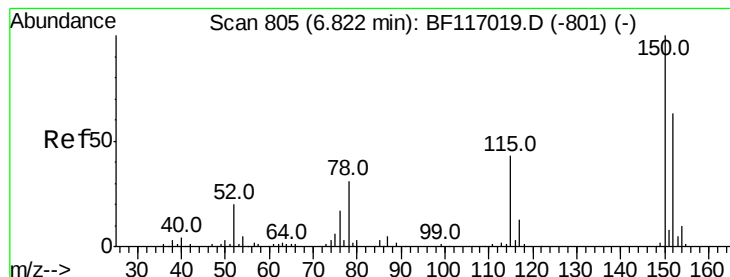
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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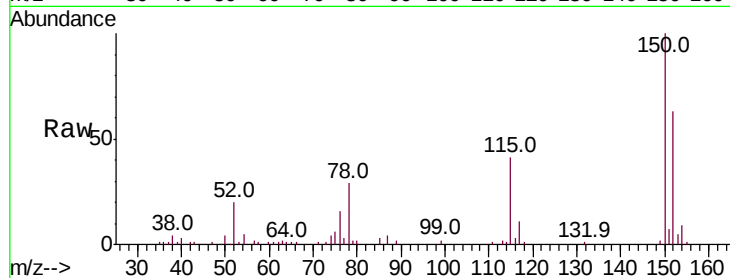


#1

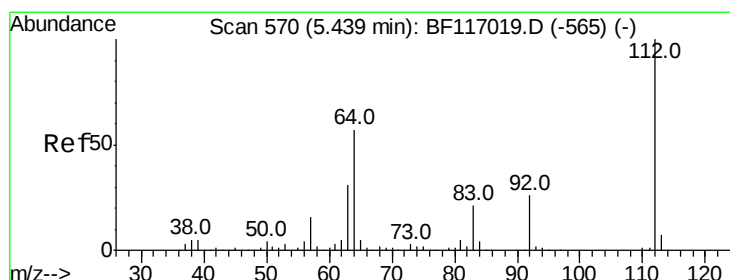
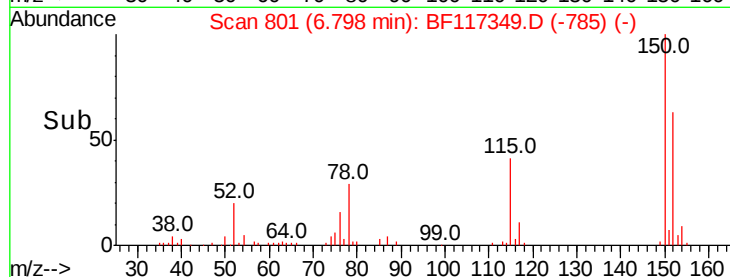
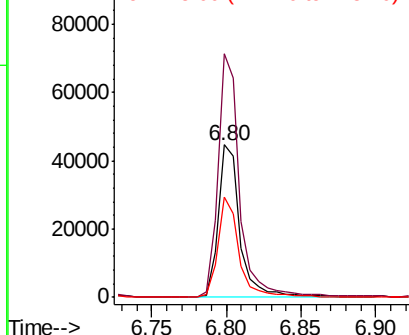
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 45864
Ion Ratio Lower Upper
152 100
150 159.6 127.5 191.3
115 65.4 55.0 82.4



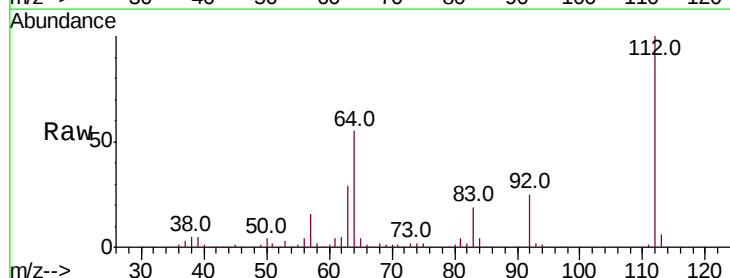
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



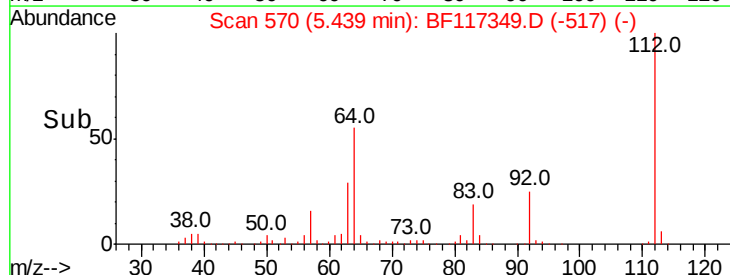
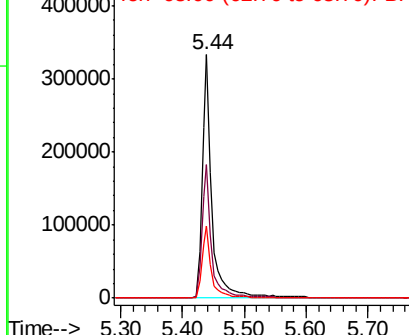
#5

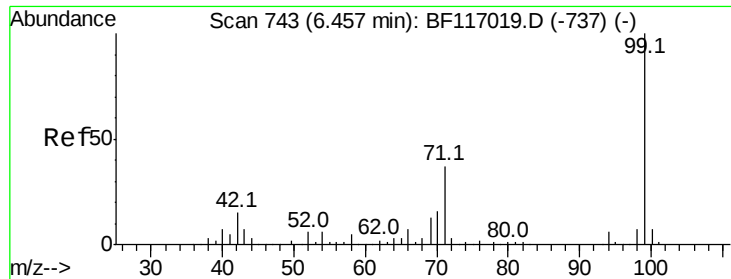
2-Fluorophenol
Concen: 127.025 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:112 Resp: 373156
Ion Ratio Lower Upper
112 100
64 54.9 45.7 68.5
63 29.4 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: 125.036 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117349.D

Acq: 8 Oct 2019 19:10

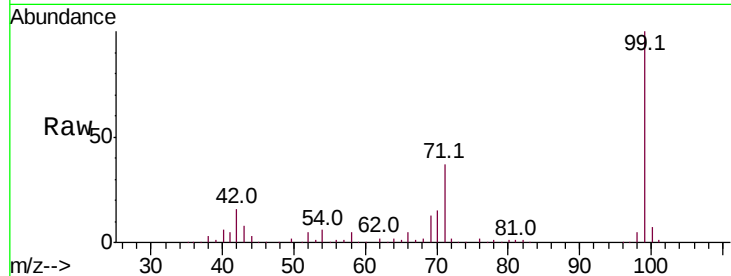
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 474699

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	36.7	29.8	44.8

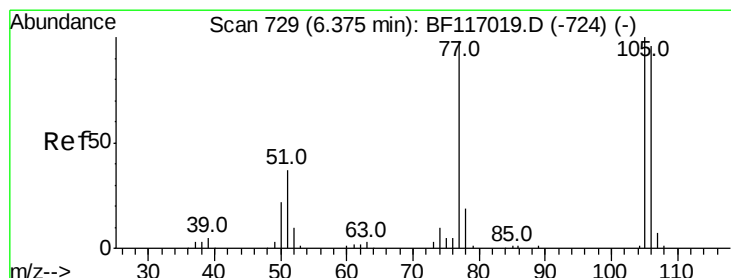
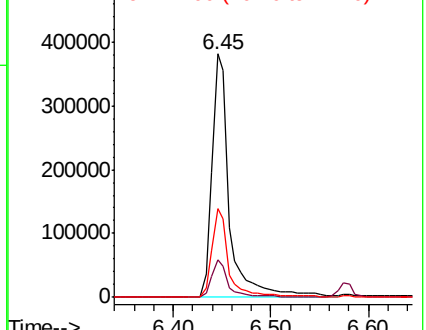
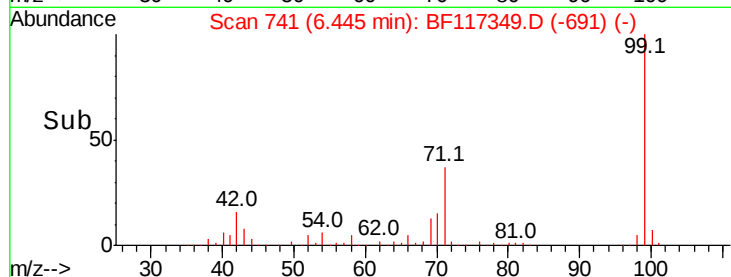


Abundance

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

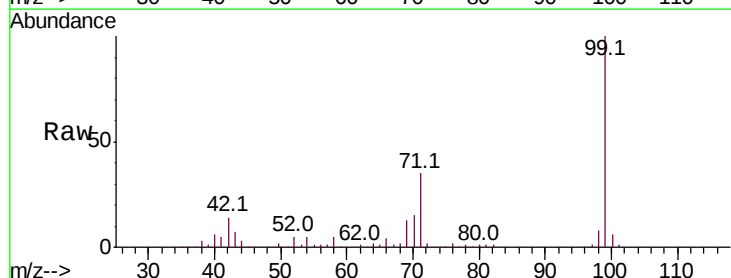
Delta R.T. 0.09 min

Lab File: BF117349.D

Acq: 8 Oct 2019 19:10

Tgt Ion: 77 Resp: 526

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#

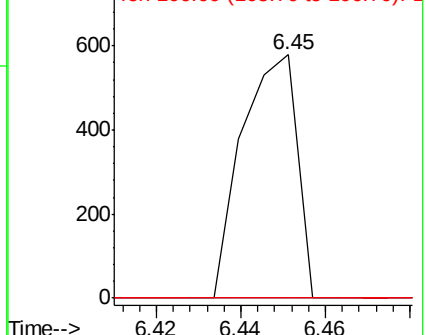
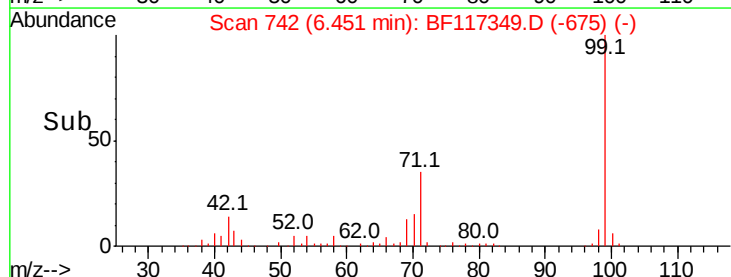


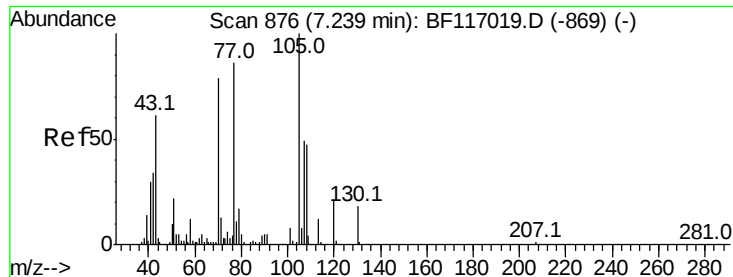
Abundance

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

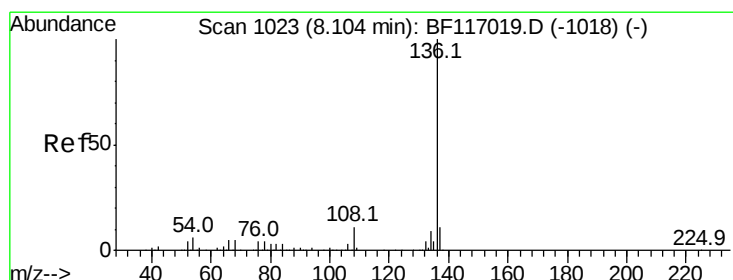
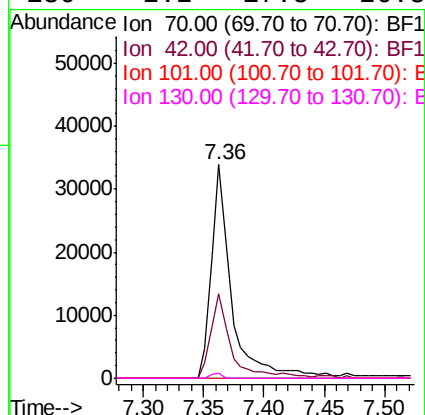
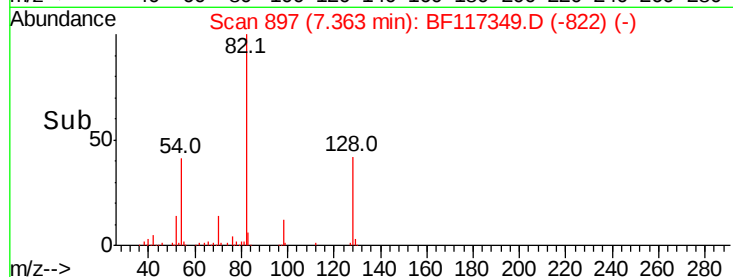
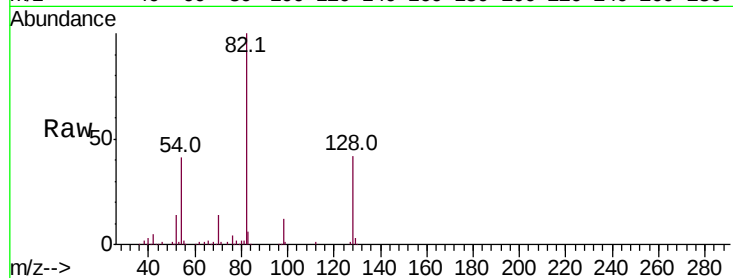




#19
n-Nitroso-di-n-propylamine
Concen: 17.024 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

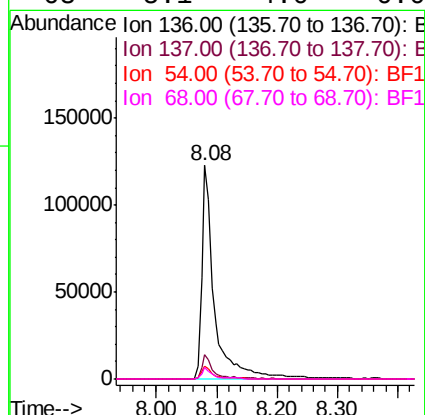
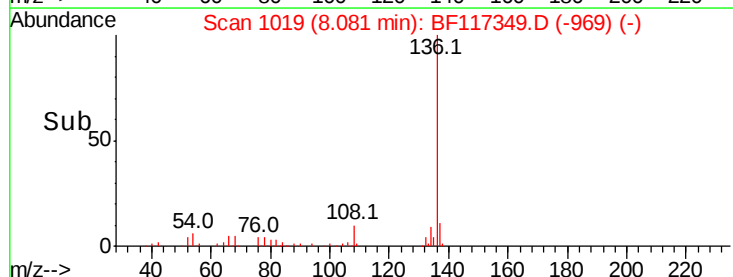
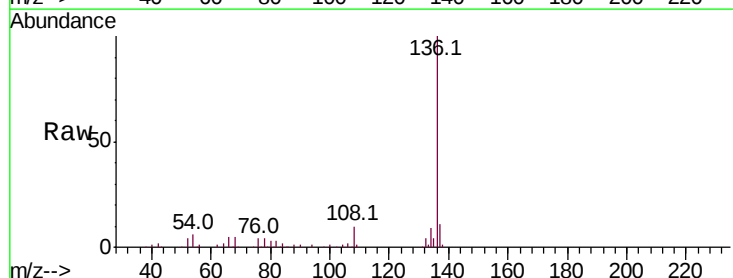
Instrument :
BNA_F
ClientSampled :

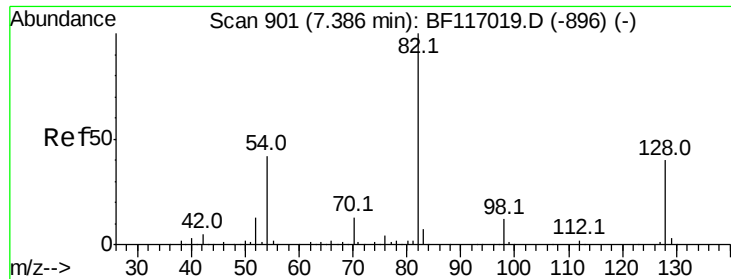
Tot Ion:	70	Resp:	39355
Ion	Ratio	Lower	Upper
70	100		
42	39.4	34.0	51.0
101	0.0	7.8	11.6#
130	2.2	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:	136	Resp:	181780
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.1	4.5	6.7
68	5.1	4.0	6.0

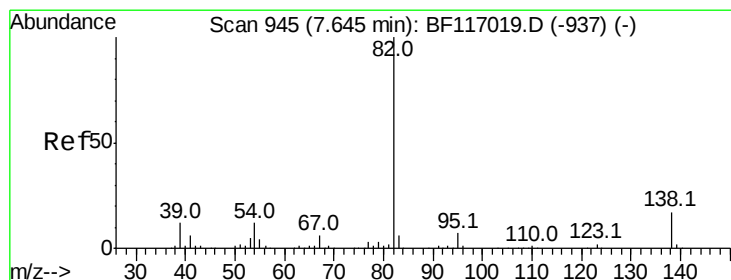
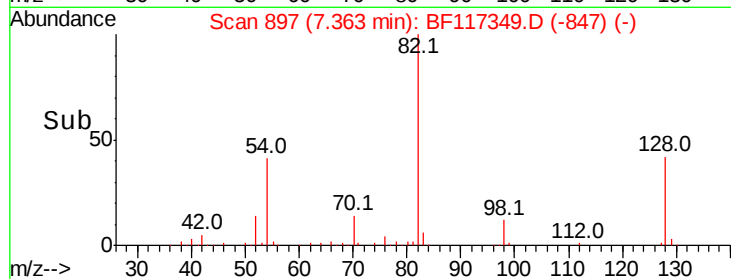
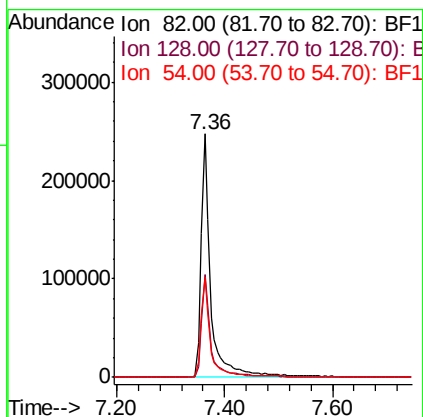
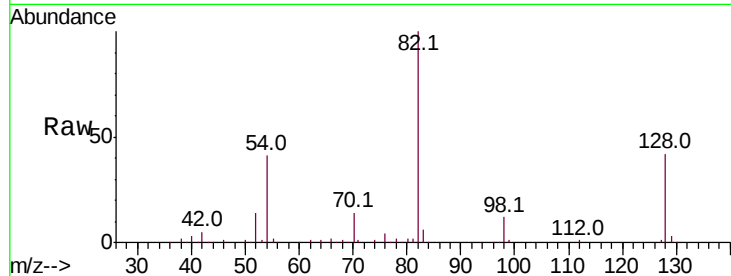




#23
 Nitrobenzene-d5
 Concen: 89.859 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF117349.D
 Acq: 8 Oct 2019 19:10

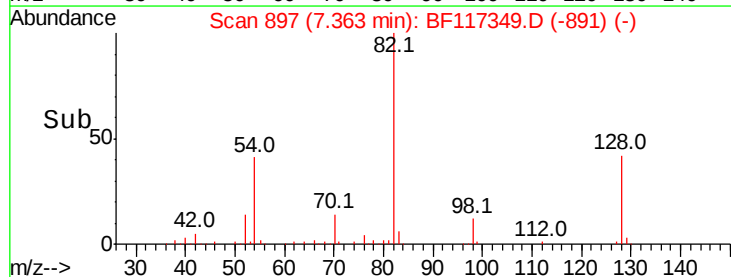
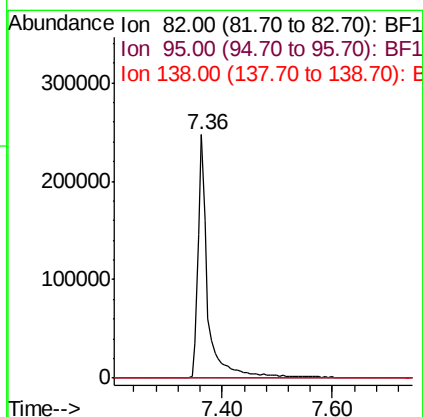
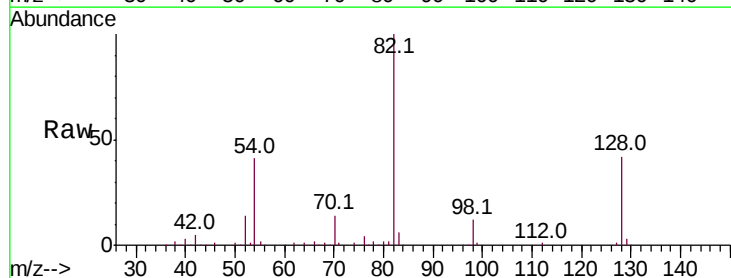
Instrument :
 BNA_F
 ClientSampleId :

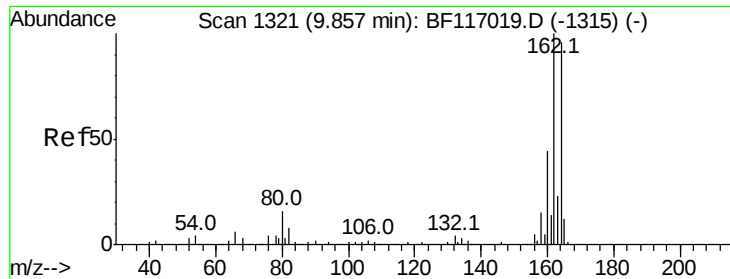
Tot Ion	82	Resp	310884
Ion Ratio	100	Lower	Upper
128	42.0	32.3	48.5
54	41.3	33.3	49.9



#25
 Isophorone
 Concen: 50.751 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF117349.D
 Acq: 8 Oct 2019 19:10

Tgt Ion	82	Resp	310883
Ion Ratio	100	Lower	Upper
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

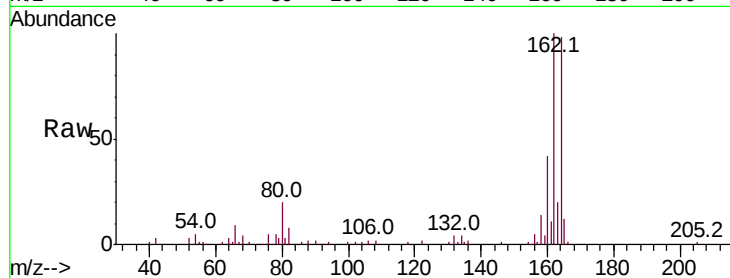




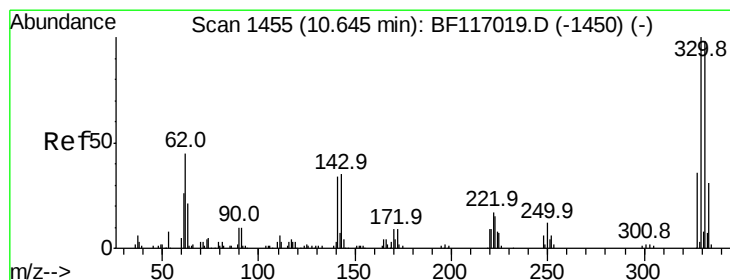
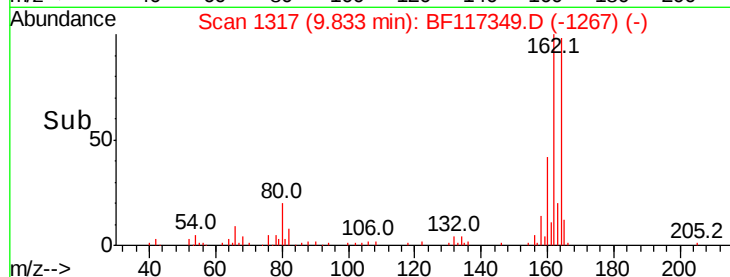
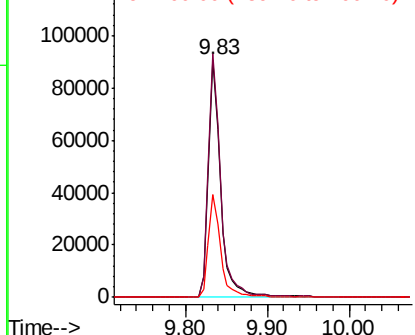
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 95327
Ion Ratio Lower Upper
164 100
162 102.5 83.4 125.2
160 43.3 36.4 54.6

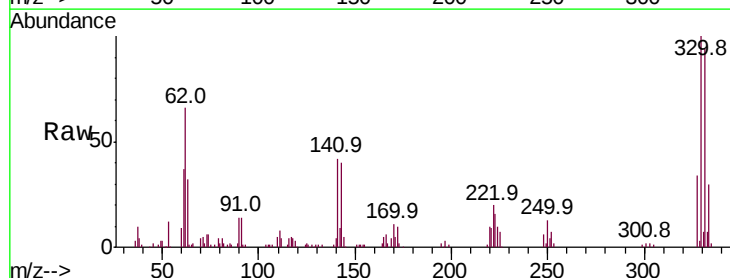


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

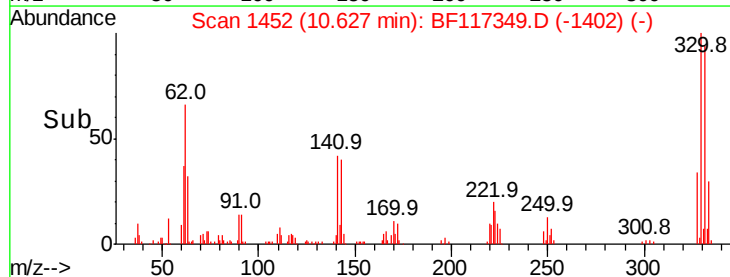
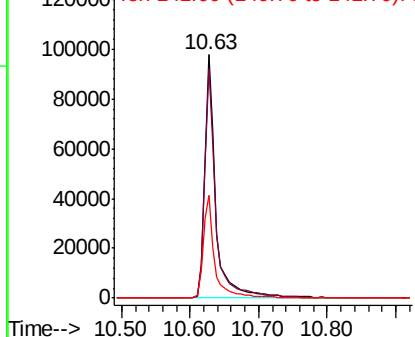


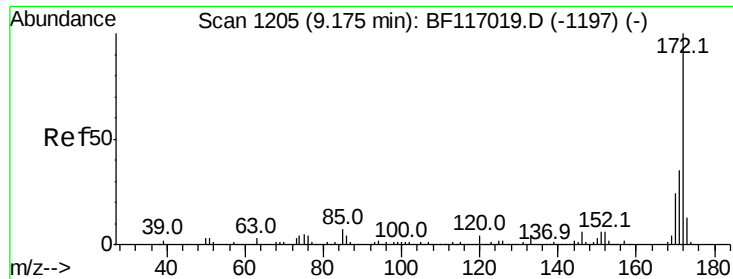
#42
2,4,6-Tribromophenol
Concen: 143.049 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:330 Resp: 113969
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 42.8 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

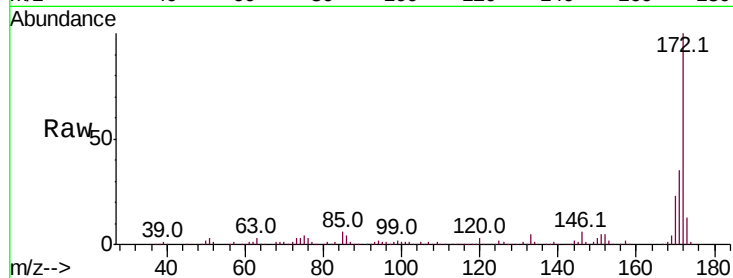




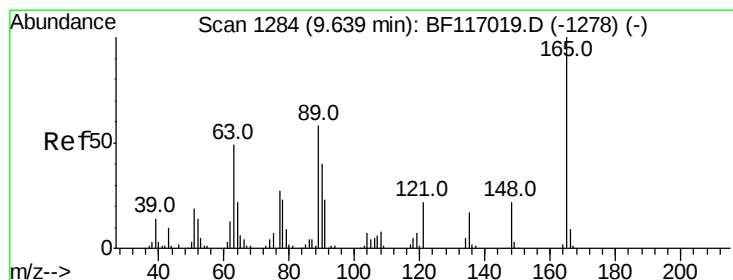
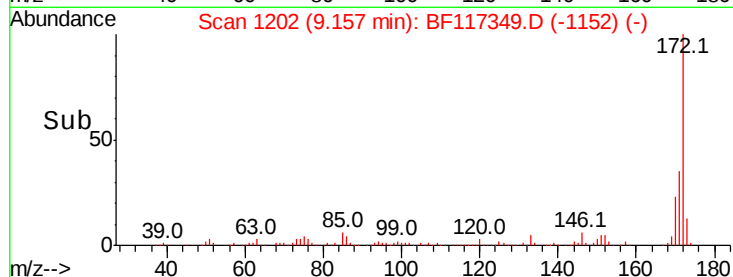
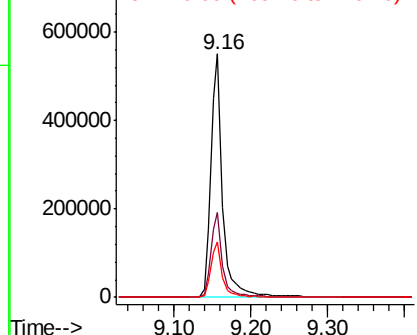
#45
 2-Fluorobiphenyl
 Concen: 94.553 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF117349.D
 Acq: 8 Oct 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	22.9	18.9	28.3

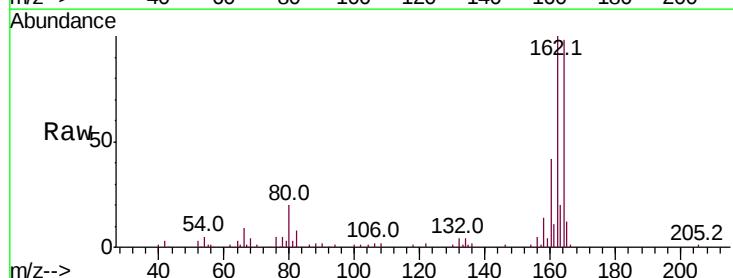


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

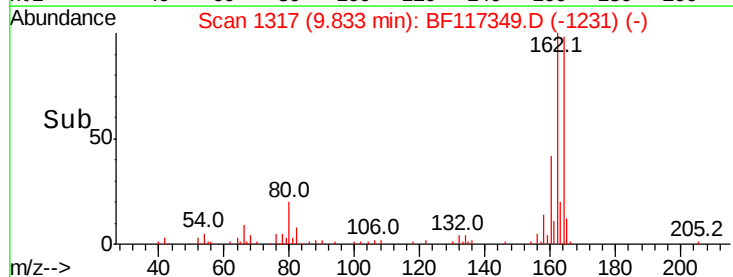
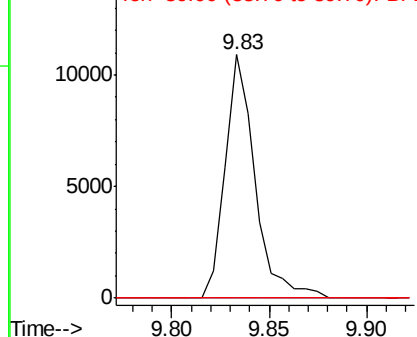


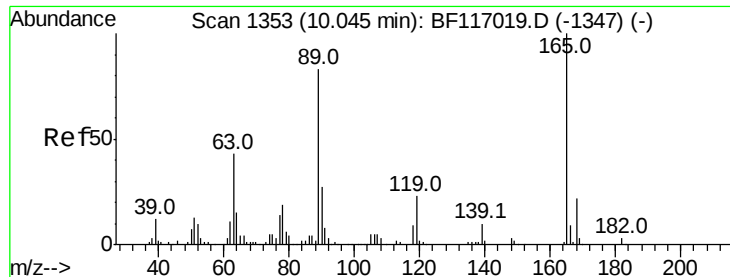
#51
 2,6-Dinitrotoluene
 Concen: 8.428 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.21 min
 Lab File: BF117349.D
 Acq: 8 Oct 2019 19:10

Tgt 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

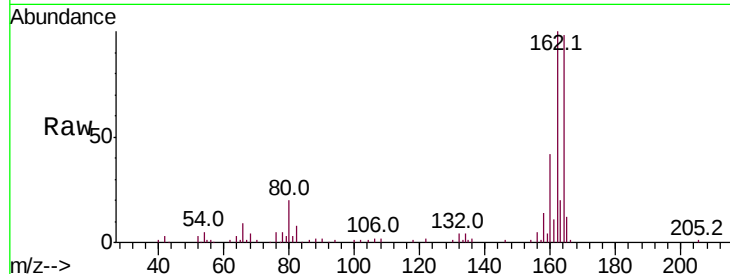




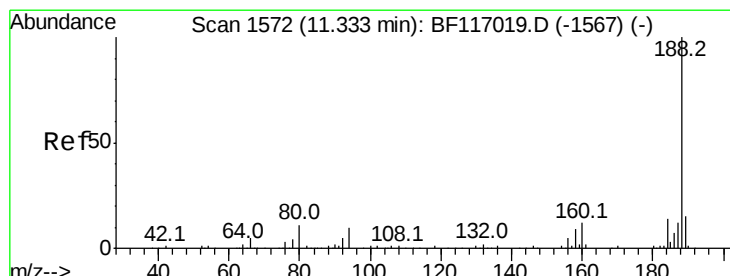
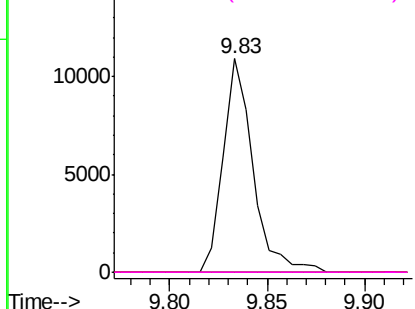
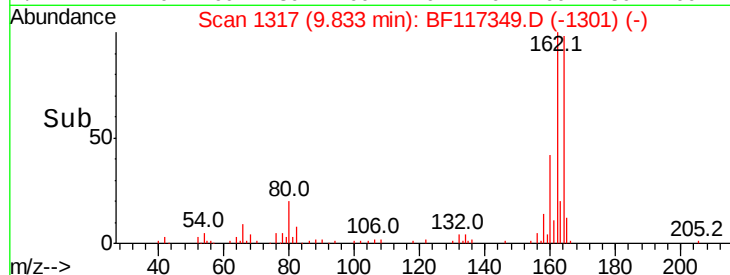
#57
2,4-Dinitrotoluene
Concen: 6.493 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 11586
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#

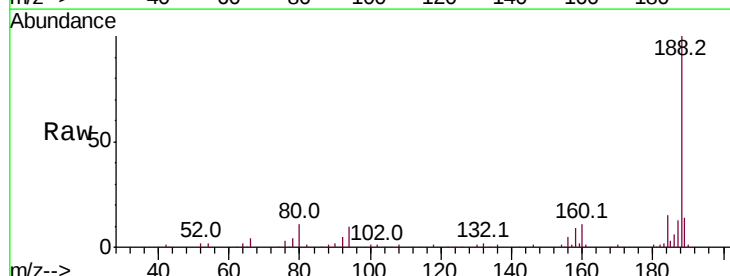


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

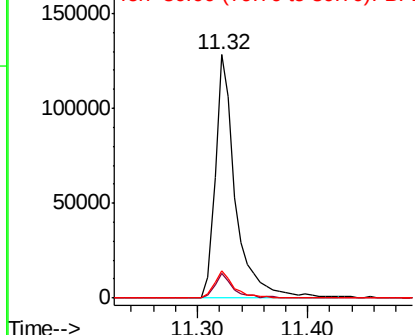
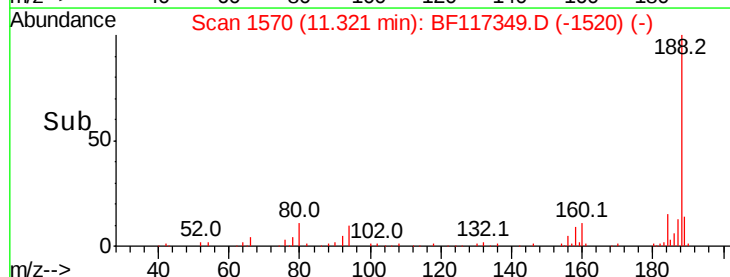


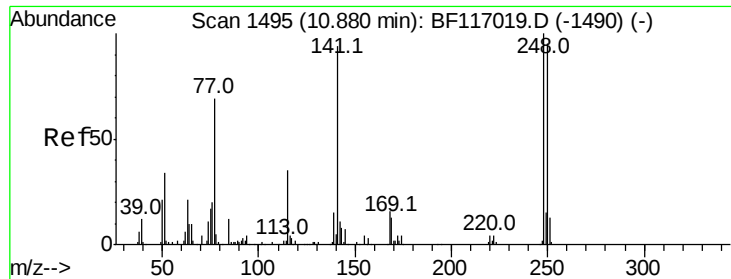
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:188 Resp: 161851
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 11.4 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

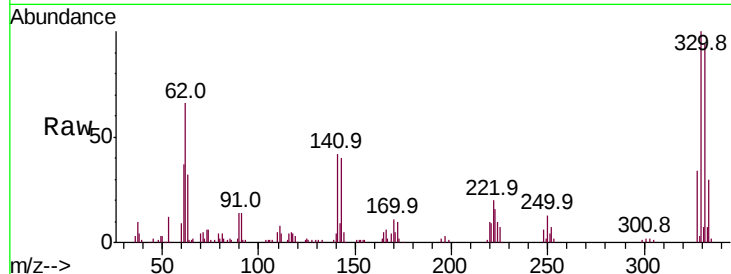




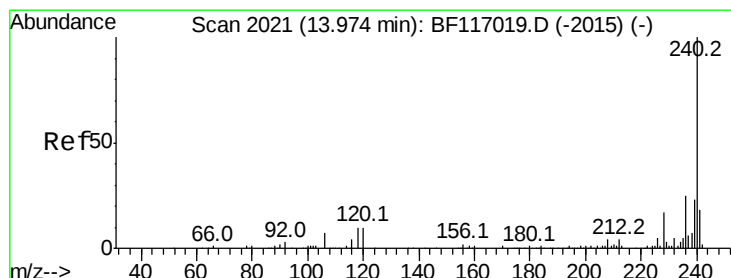
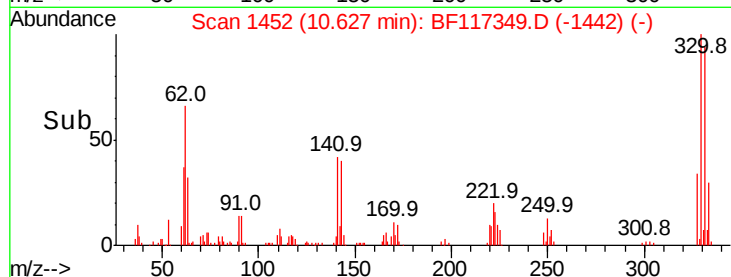
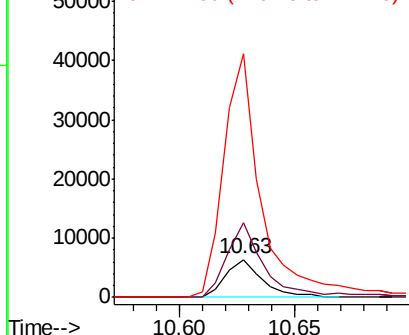
#67
 4-Bromophenyl-phenylether
 Concen: 4.308 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF117349.D
 Acq: 8 Oct 2019 19:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7121
 Ion Ratio Lower Upper
 248 100
 250 199.7 76.2 114.4#
 141 648.6 75.0 112.4#

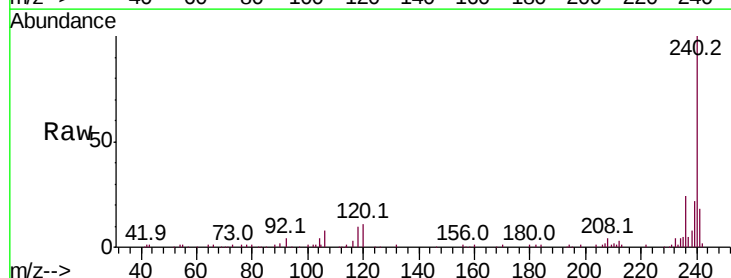


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

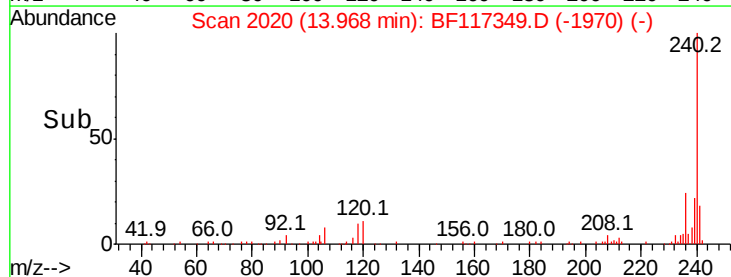
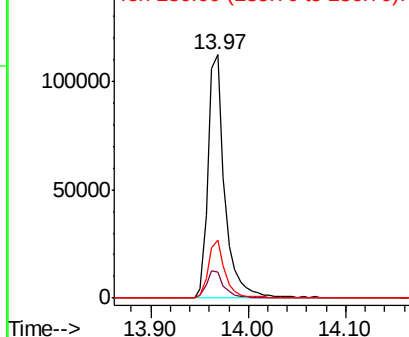


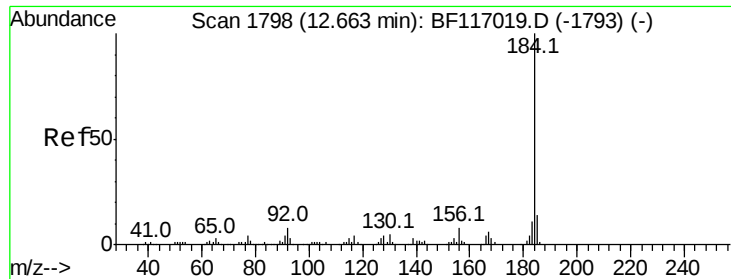
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117349.D
 Acq: 8 Oct 2019 19:10

Tgt Ion:240 Resp: 134286
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.3 12.5
 236 24.0 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





#77

Benzidine

Concen: 2.045 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.24 min

Lab File: BF117349.D

Acq: 8 Oct 2019 19:10

Instrument :

BNA_F

ClientSampleId :

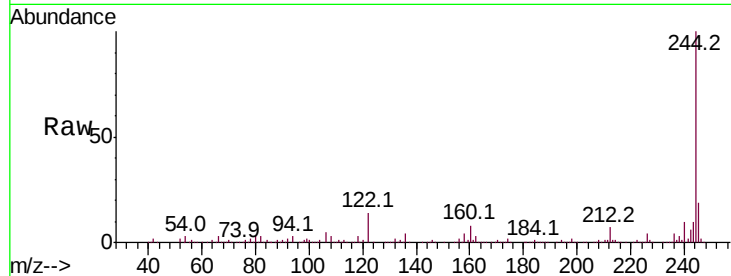
Tot Ion:184 Resp: 8844

Ion Ratio Lower Upper

184 100

185 17.7 11.6 17.4#

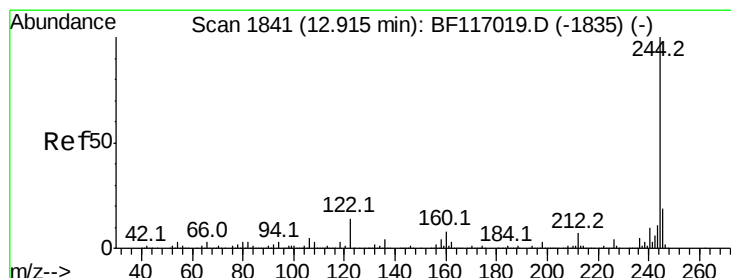
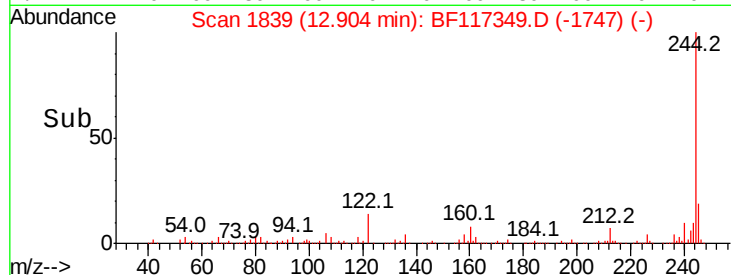
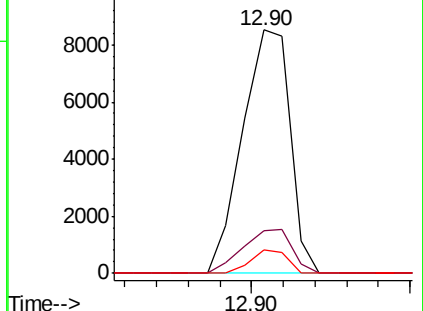
183 9.6 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 88.104 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF117349.D

Acq: 8 Oct 2019 19:10

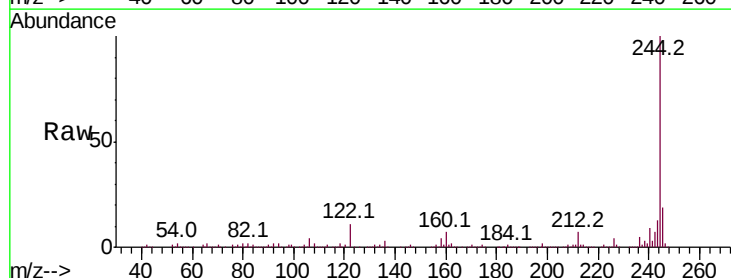
Tgt Ion:244 Resp: 632946

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

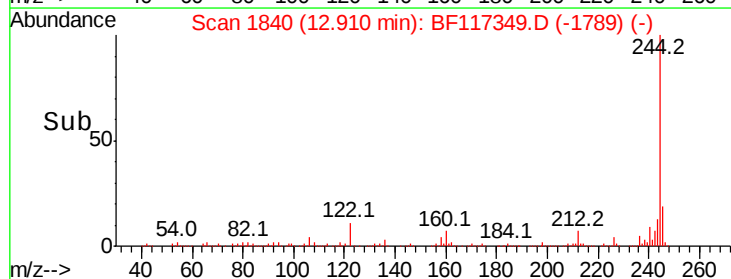
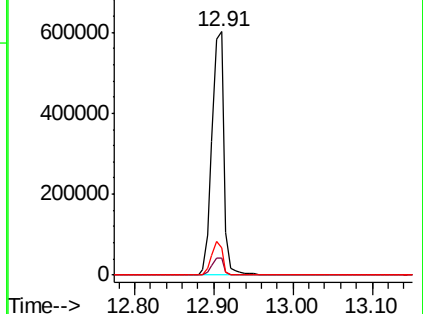
122 11.0 11.3 16.9#

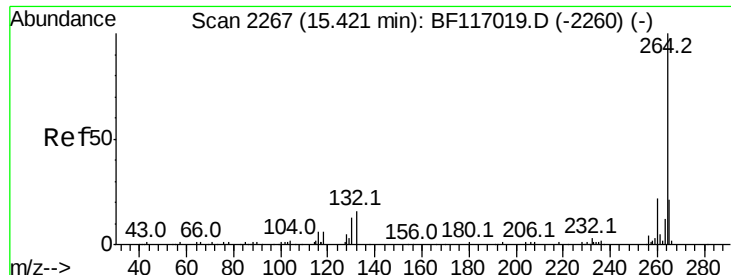


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

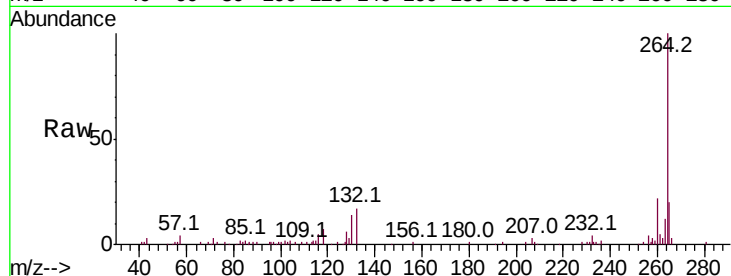




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF117349.D
 Acq: 8 Oct 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.6	26.4
265	20.4	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

