

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117484.D
 Acq On : 23 Oct 2019 15:51
 Operator : JU
 Sample : K5493-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 08:23:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

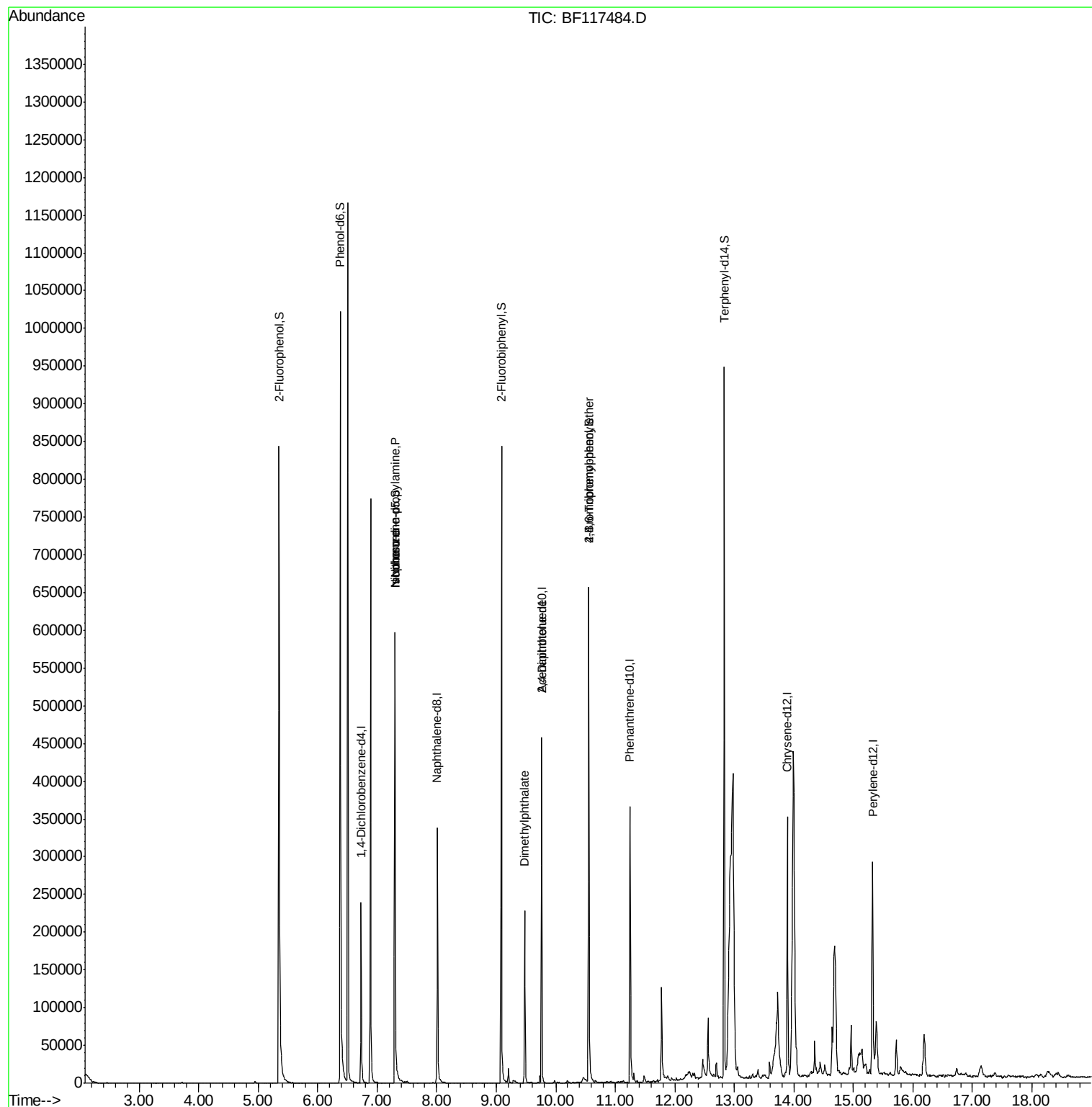
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	40918	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	164844	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	84580	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	149224	20.00	ng	0.00
76) Chrysene-d12	13.89	240	121104	20.00	ng	0.00
87) Perylene-d12	15.32	264	117579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	273878	99.58	ng	0.00
7) Phenol-d6	6.38	99	372414	100.81	ng	0.00
23) Nitrobenzene-d5	7.30	82	234648	70.27	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	74853	102.28	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	272677	45.42	ng	0.00
79) Terphenyl-d14	12.83	244	304761	41.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	495	Below Cal	Qvalue #	3
19) n-Nitroso-di-n-propylamine	7.30	70	31527	13.974 ng	#	75
25) Isophorone	7.30	82	234646	40.622 ng	#	65
50) Dimethylphthalate	9.48	163	85711	14.215 ng	#	99
57) 2,4-Dinitrotoluene	9.76	165	10387	6.209 ng	#	12
67) 4-Bromophenyl-phenylether	10.55	248	4967	3.090 ng	#	1
77) Benizidine	12.83	184	4202	Below Cal	#	87

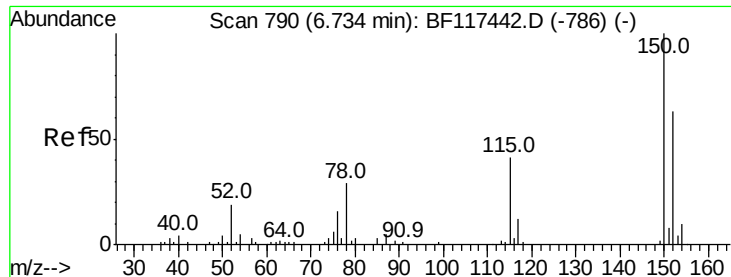
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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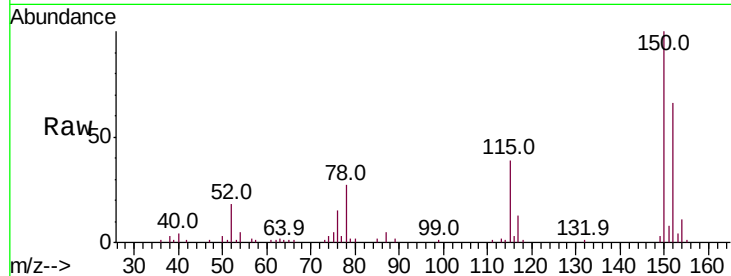


#1

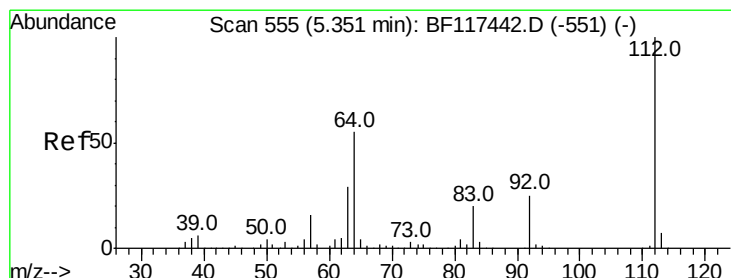
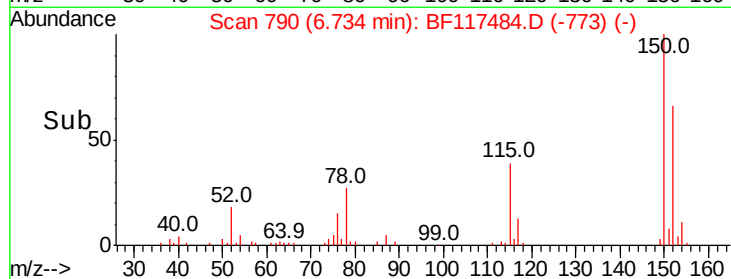
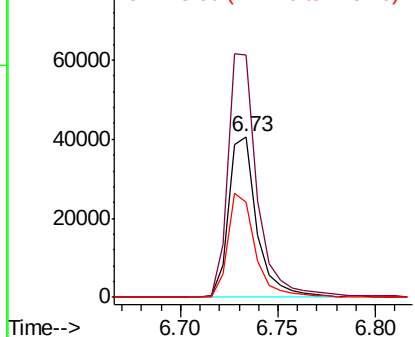
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117484.D
Acq: 23 Oct 2019 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 40918
Ion Ratio Lower Upper
152 100
150 150.9 126.8 190.2
115 59.5 51.6 77.4



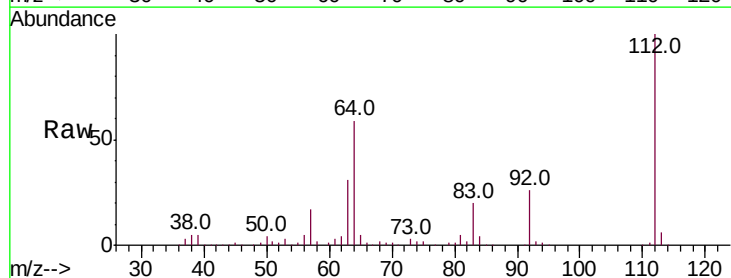
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



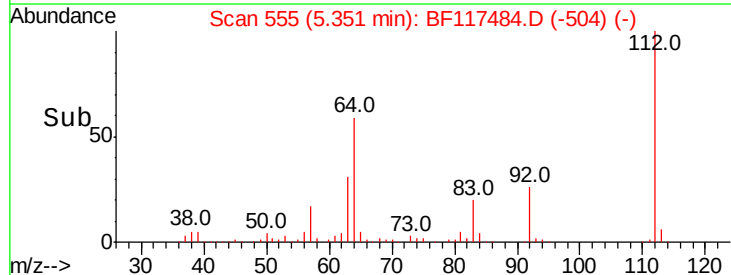
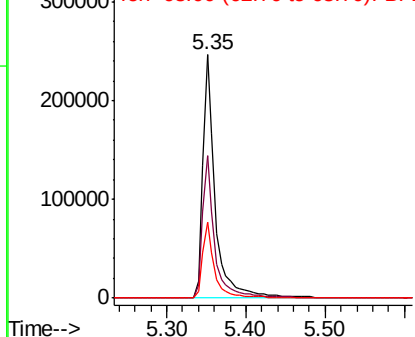
#5

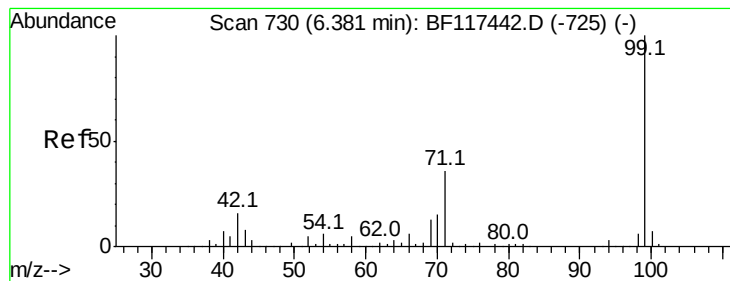
2-Fluorophenol
Concen: 99.577 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117484.D
Acq: 23 Oct 2019 15:51

Tgt Ion:112 Resp: 273878
Ion Ratio Lower Upper
112 100
64 58.8 44.1 66.1
63 31.3 23.4 35.2



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: 100.813 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117484.D

Acq: 23 Oct 2019 15:51

Instrument :

BNA_F

ClientSampled :

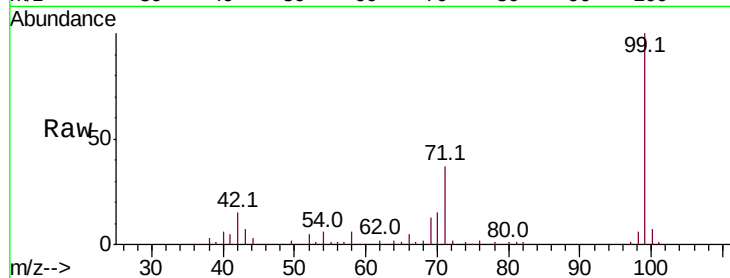
Tot Ion: 99 Resp: 372414

Ion Ratio Lower Upper

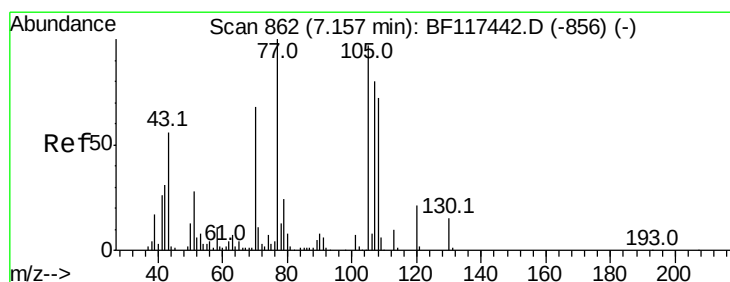
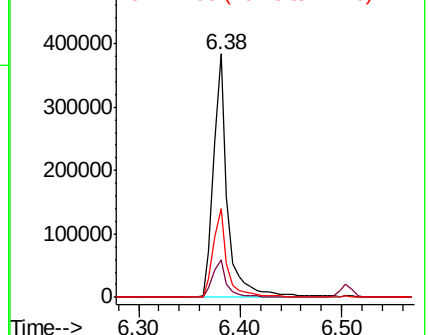
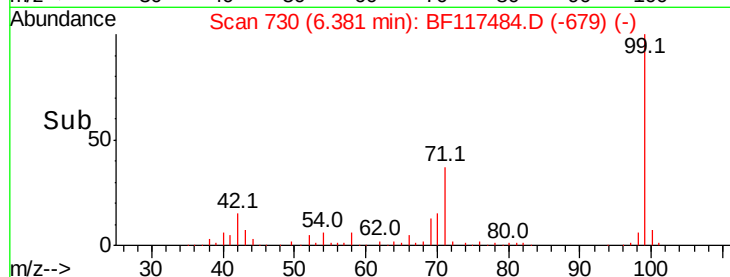
99 100

42 15.5 12.8 19.2

71 36.6 28.6 43.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.974 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF117484.D

Acq: 23 Oct 2019 15:51

Tgt Ion: 70 Resp: 31527

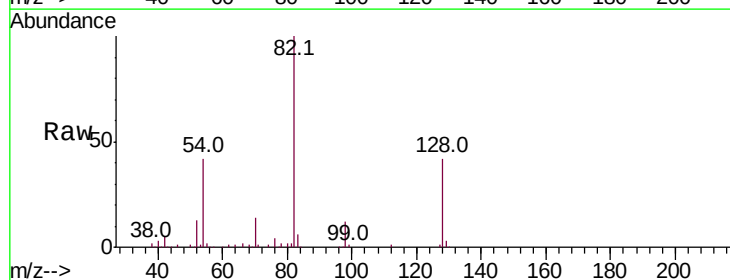
Ion Ratio Lower Upper

70 100

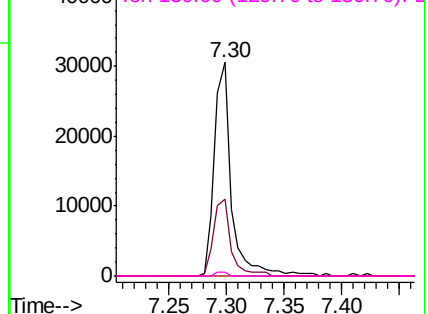
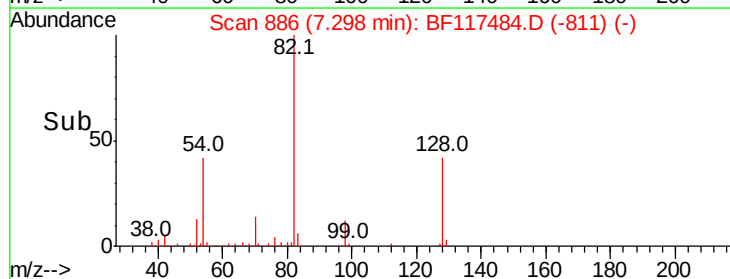
42 36.1 36.7 55.1#

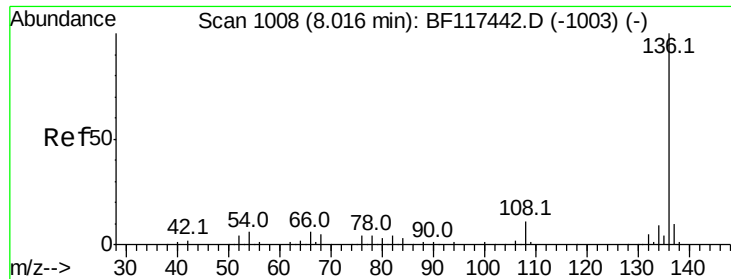
101 0.0 8.3 12.5#

130 1.8 18.1 27.1#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

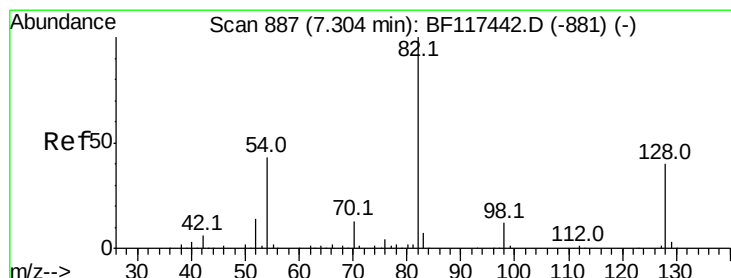
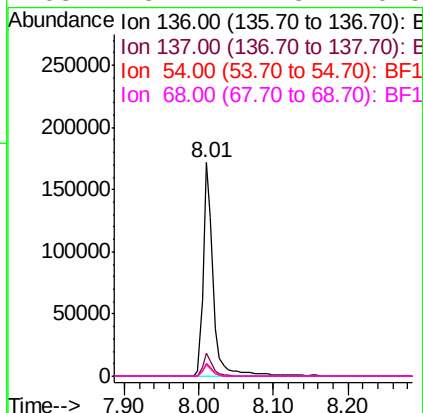
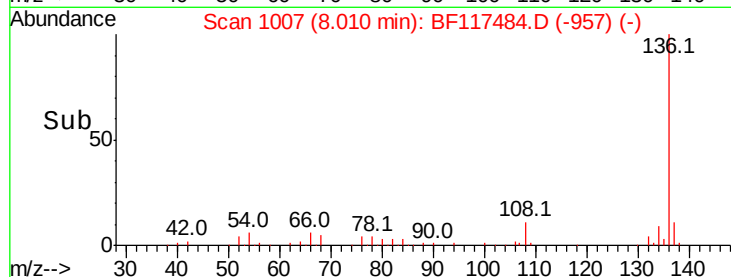
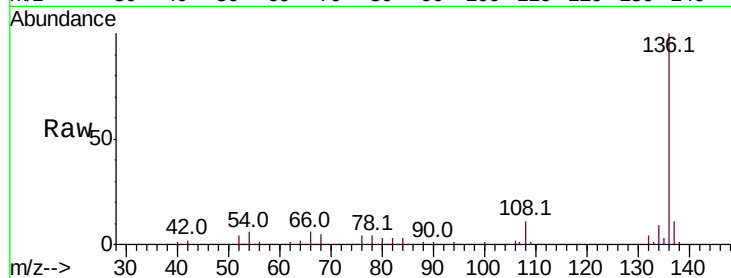




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117484.D
Acq: 23 Oct 2019 15:51

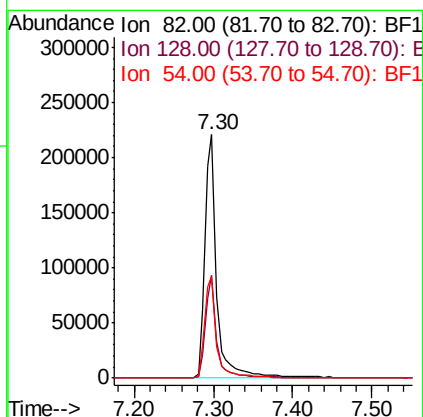
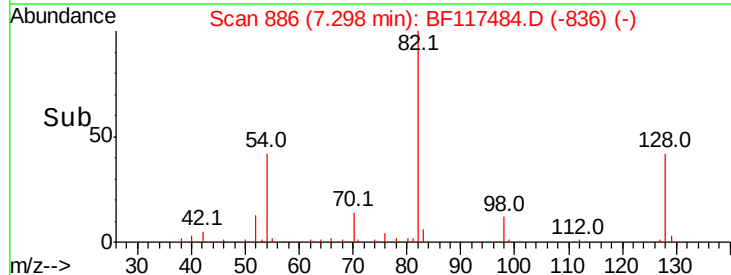
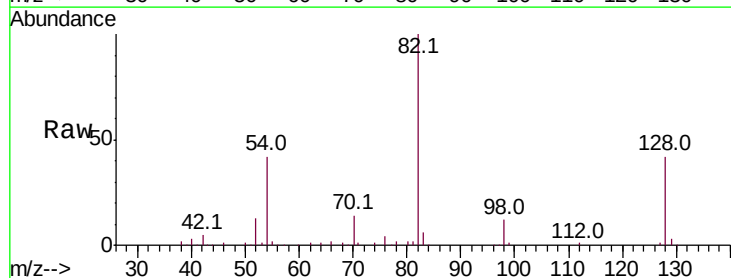
Instrument :
BNA_F
ClientSampled :

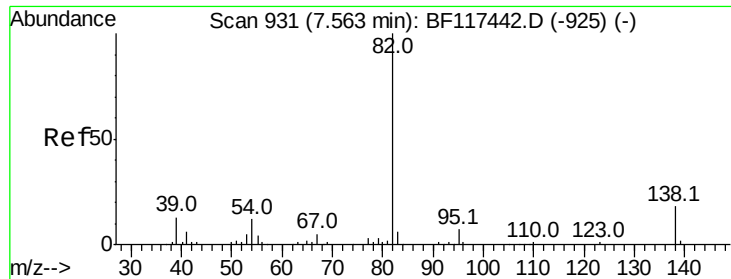
Tot Ion:	136	Resp:	164844
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.9	4.5	6.7
68	5.4	4.3	6.5



#23
Nitrobenzene-d5
Concen: 70.273 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117484.D
Acq: 23 Oct 2019 15:51

Tgt Ion:	82	Resp:	234648
Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.2	48.2
54	41.9	34.2	51.2





#25

Isophorone

Concen: 40.622 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF117484.D

Acq: 23 Oct 2019 15:51

Instrument :

BNA_F

ClientSampleId :

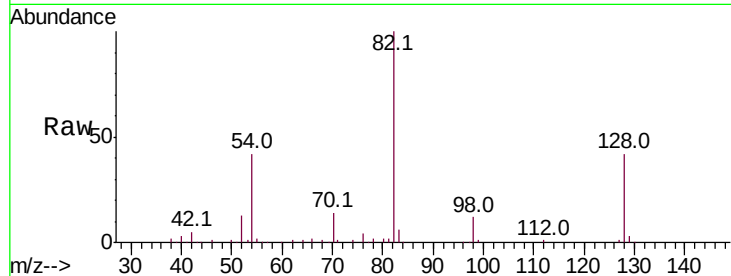
Tot Ion: 82 Resp: 234646

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

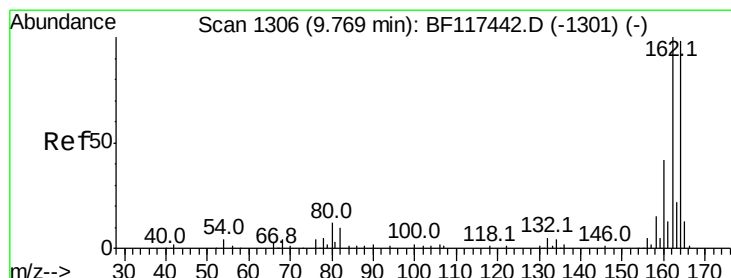
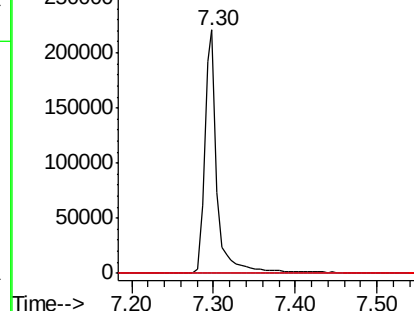
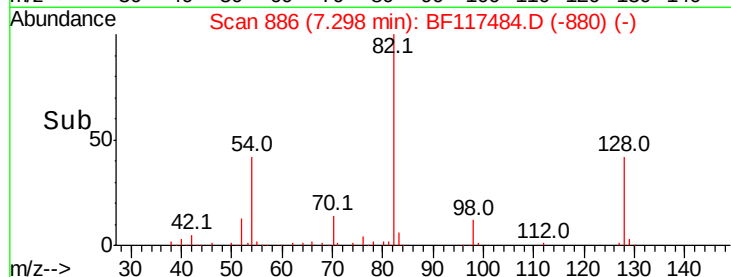
138 0.0 14.2 21.2#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117484.D

Acq: 23 Oct 2019 15:51

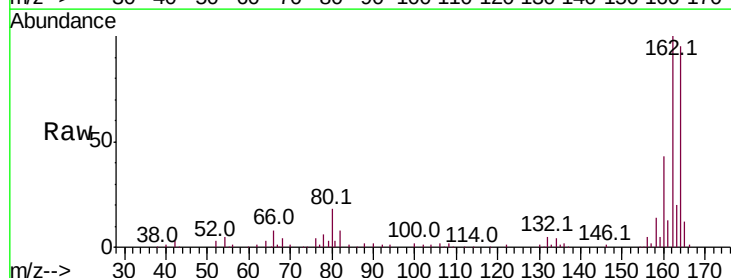
Tgt Ion: 164 Resp: 84580

Ion Ratio Lower Upper

164 100

162 105.6 81.8 122.6

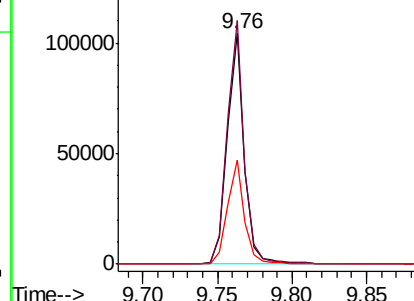
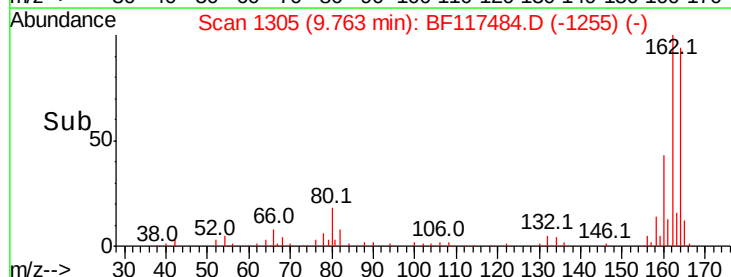
160 45.0 34.4 51.6

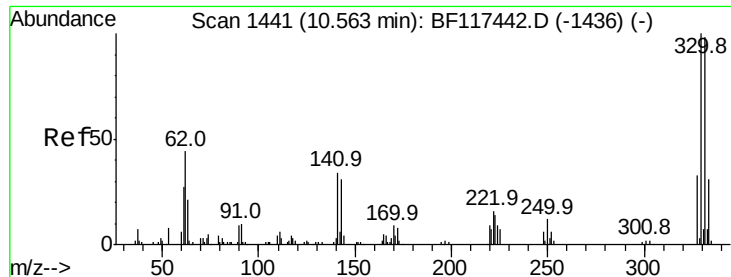


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

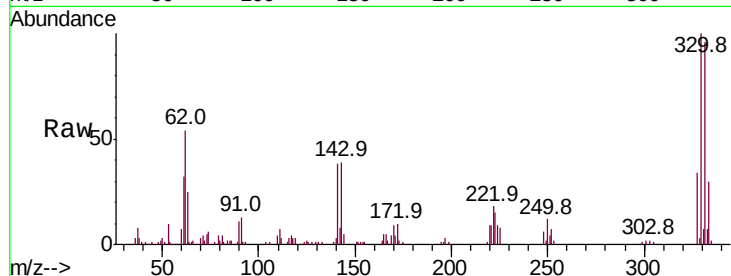




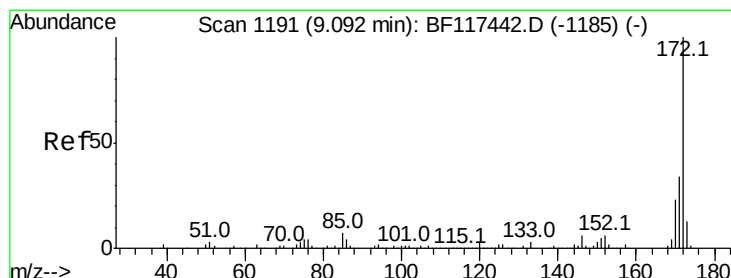
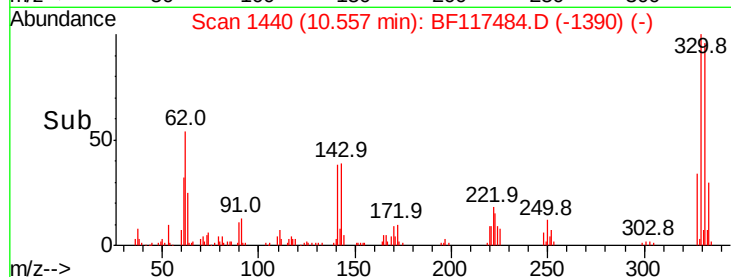
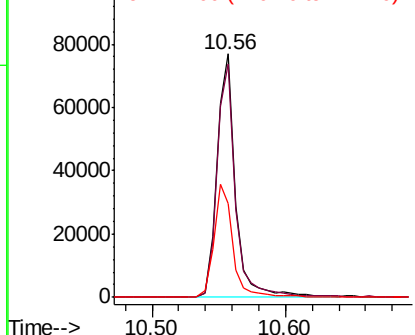
#42
 2,4,6-Tribromophenol
 Concen: 102.281 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117484.D
 Acq: 23 Oct 2019 15:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 74853
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.5 117.7
 141 47.2 37.0 55.6

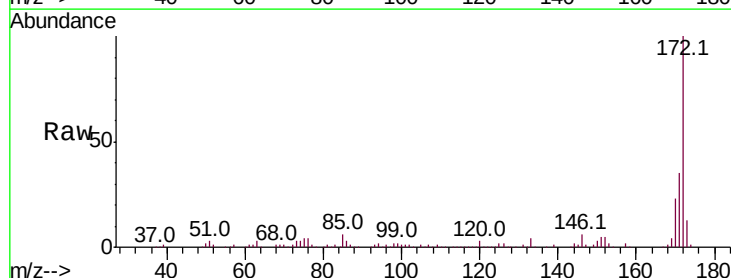


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

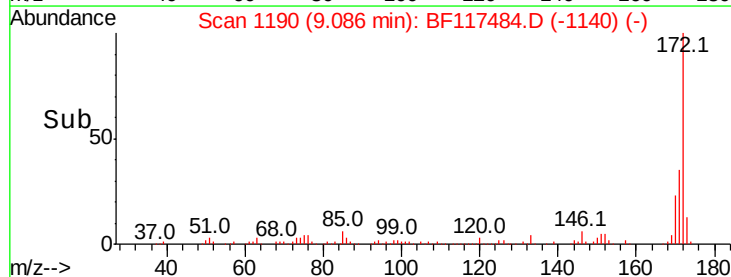
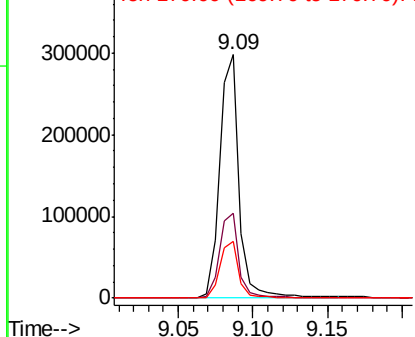


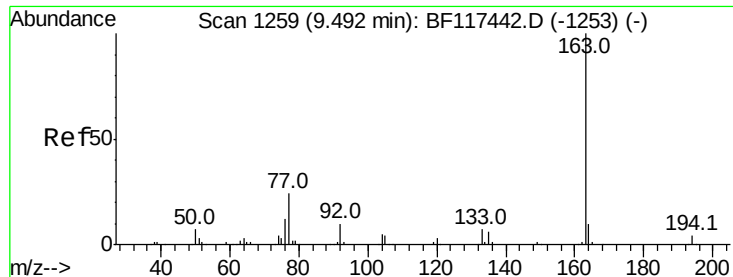
#45
 2-Fluorobiphenyl
 Concen: 45.424 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117484.D
 Acq: 23 Oct 2019 15:51

Tgt Ion:172 Resp: 272677
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.5 41.3
 170 23.3 18.6 27.8



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

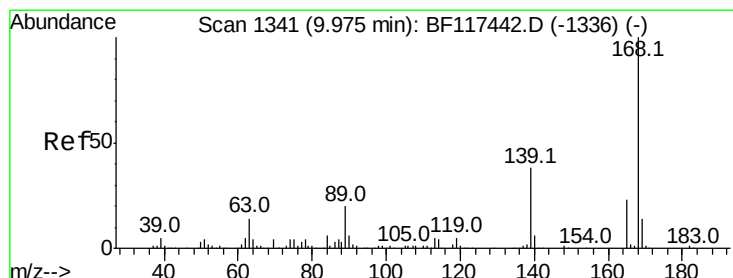
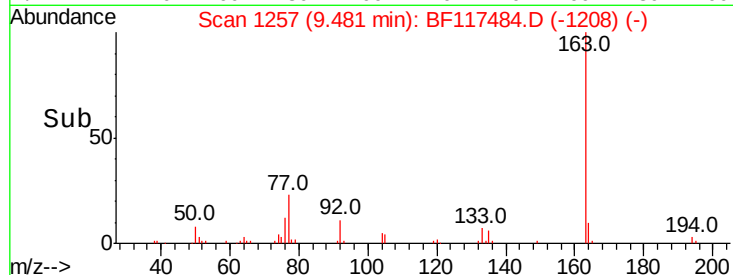
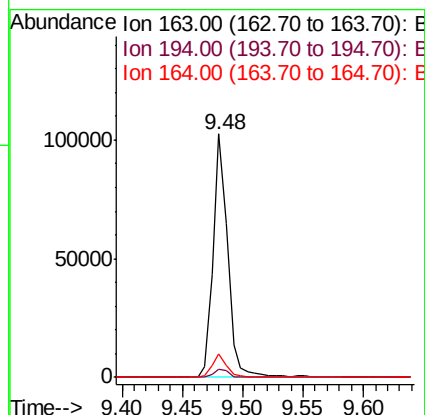
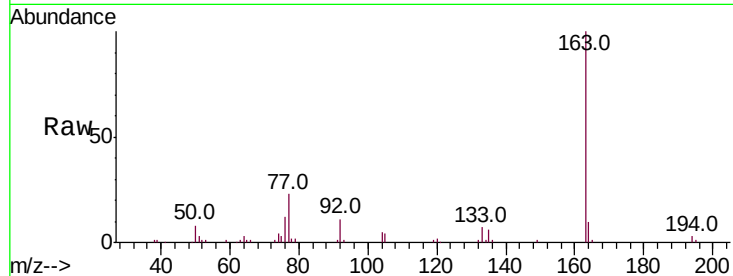




#50
 Dimethylphthalate
 Concen: 14.215 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117484.D
 Acq: 23 Oct 2019 15:51

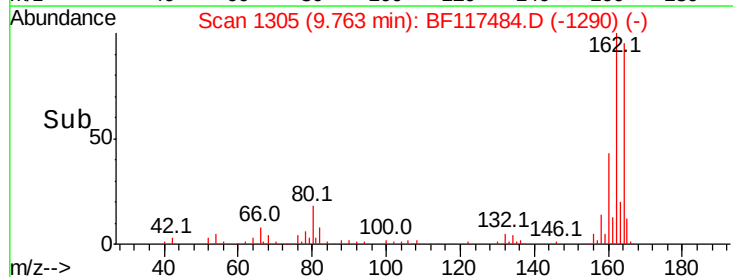
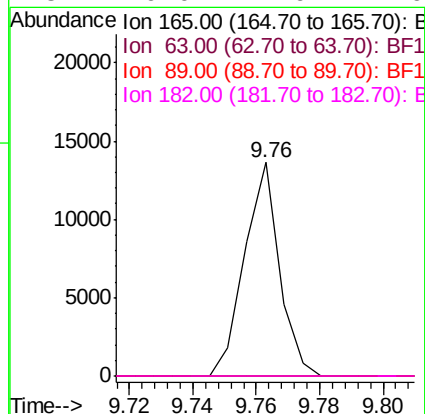
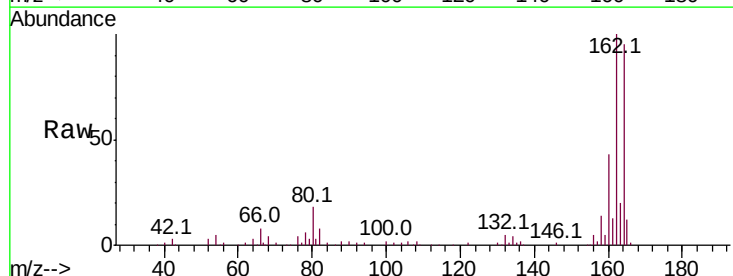
Instrument :
 BNA_F
 ClientSampleId :

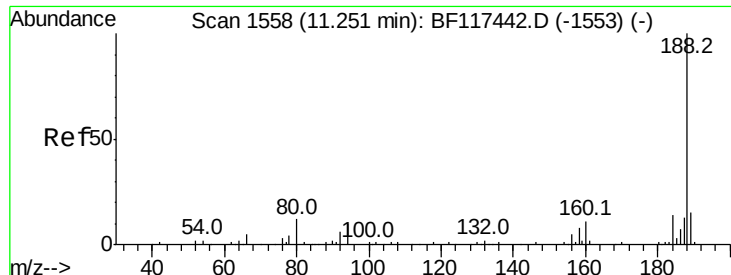
Tot Ion:	163	Resp:	85711
Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	9.7	8.2	12.2



#57
 2,4-Dinitrotoluene
 Concen: 6.209 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF117484.D
 Acq: 23 Oct 2019 15:51

Tgt Ion:	165	Resp:	10387
Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#

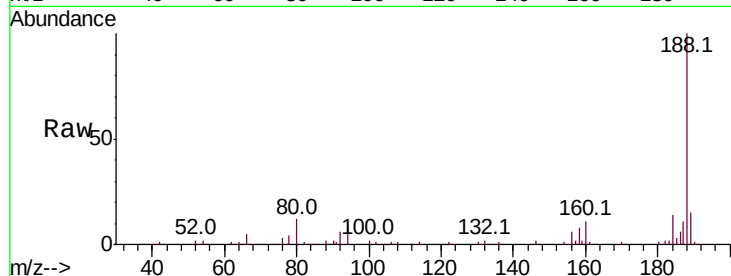




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF117484.D
 Acq: 23 Oct 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	11.7	9.5	14.3

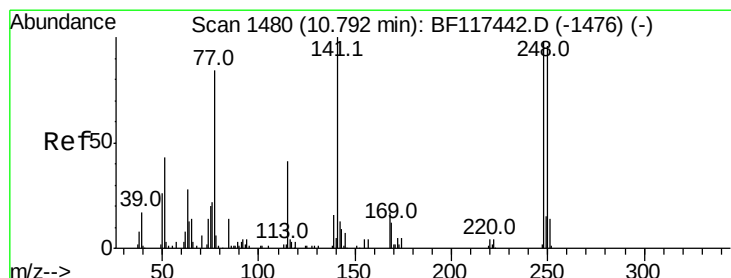
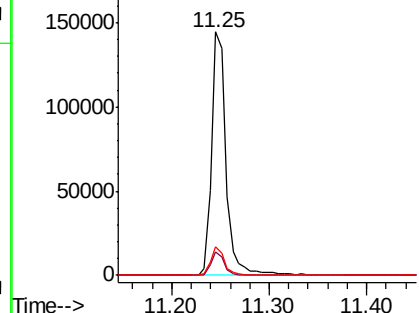
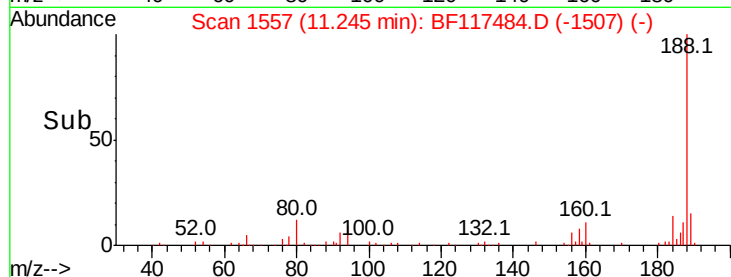


Abundance

Ion 188.00 (187.70 to 188.70): E

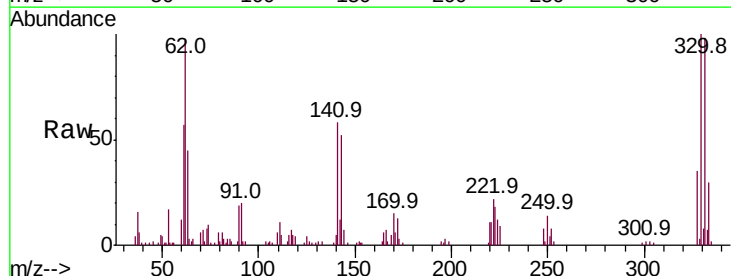
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67
 4-Bromophenyl-phenylether
 Concen: 3.090 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF117484.D
 Acq: 23 Oct 2019 15:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	182.4	78.0	117.0#
141	746.5	81.7	122.5#

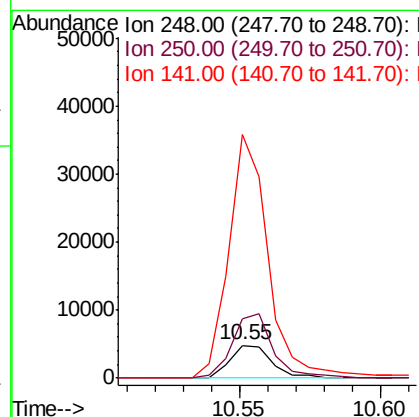
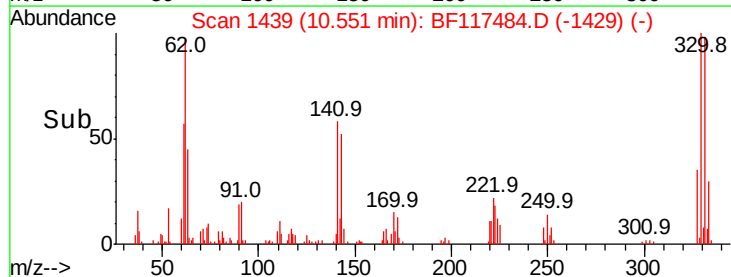


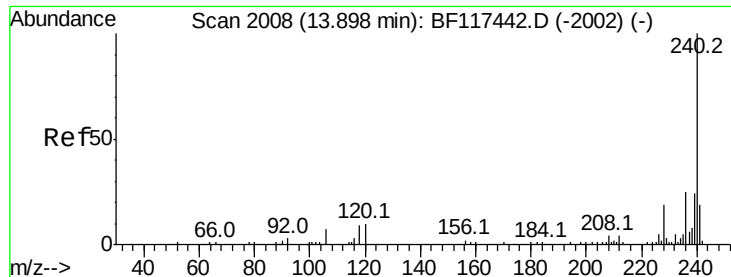
Abundance

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

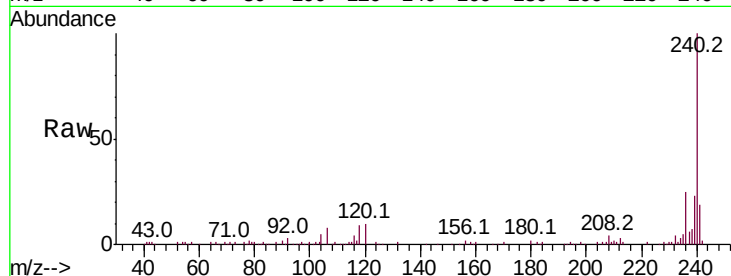




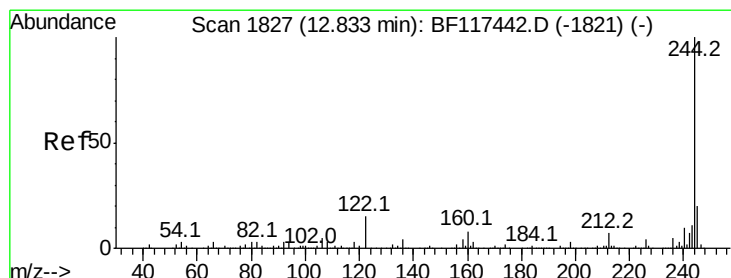
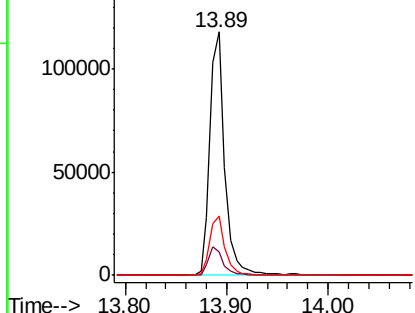
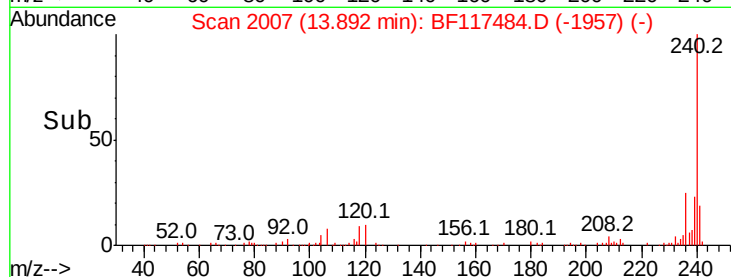
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117484.D
Acq: 23 Oct 2019 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 121104
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 24.6 20.0 30.0

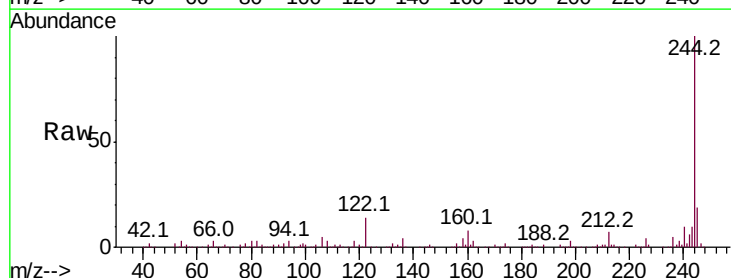


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

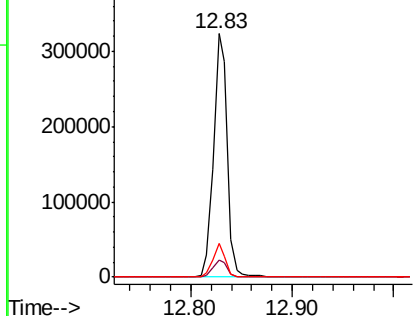
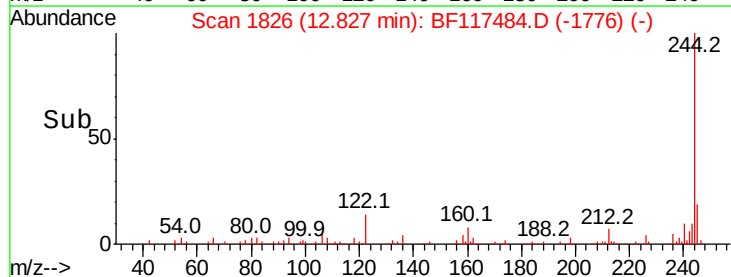


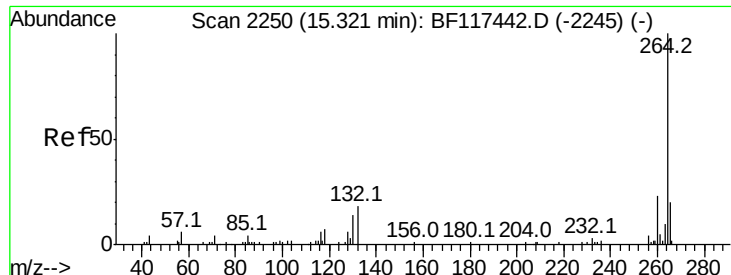
#79
Terphenyl-d14
Concen: 41.047 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117484.D
Acq: 23 Oct 2019 15:51

Tgt Ion:244 Resp: 304761
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 13.7 11.8 17.8



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

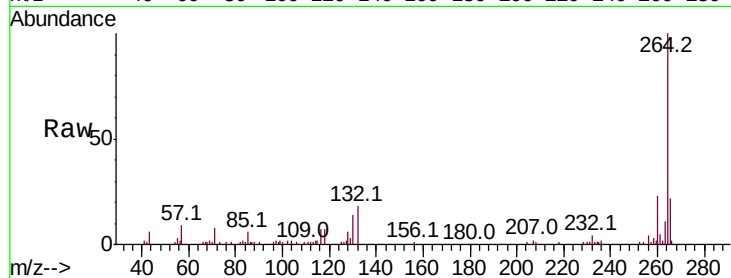




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BF117484.D
 Acq: 23 Oct 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.8	16.1	24.1



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

