

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117493.D
 Acq On : 23 Oct 2019 19:51
 Operator : JU
 Sample : K5489-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 08:24:17 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	43047	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	172817	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	89672	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	149970	20.00	ng	0.00
76) Chrysene-d12	13.89	240	84869	20.00	ng	-0.01
87) Perylene-d12	15.32	264	92779	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	276658	95.61	ng	0.00
7) Phenol-d6	6.38	99	385875	99.29	ng	0.00
23) Nitrobenzene-d5	7.30	82	235985	67.41	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	78430	101.08	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	405914	63.78	ng	0.00
79) Terphenyl-d14	12.83	244	381155	73.25	ng	0.00

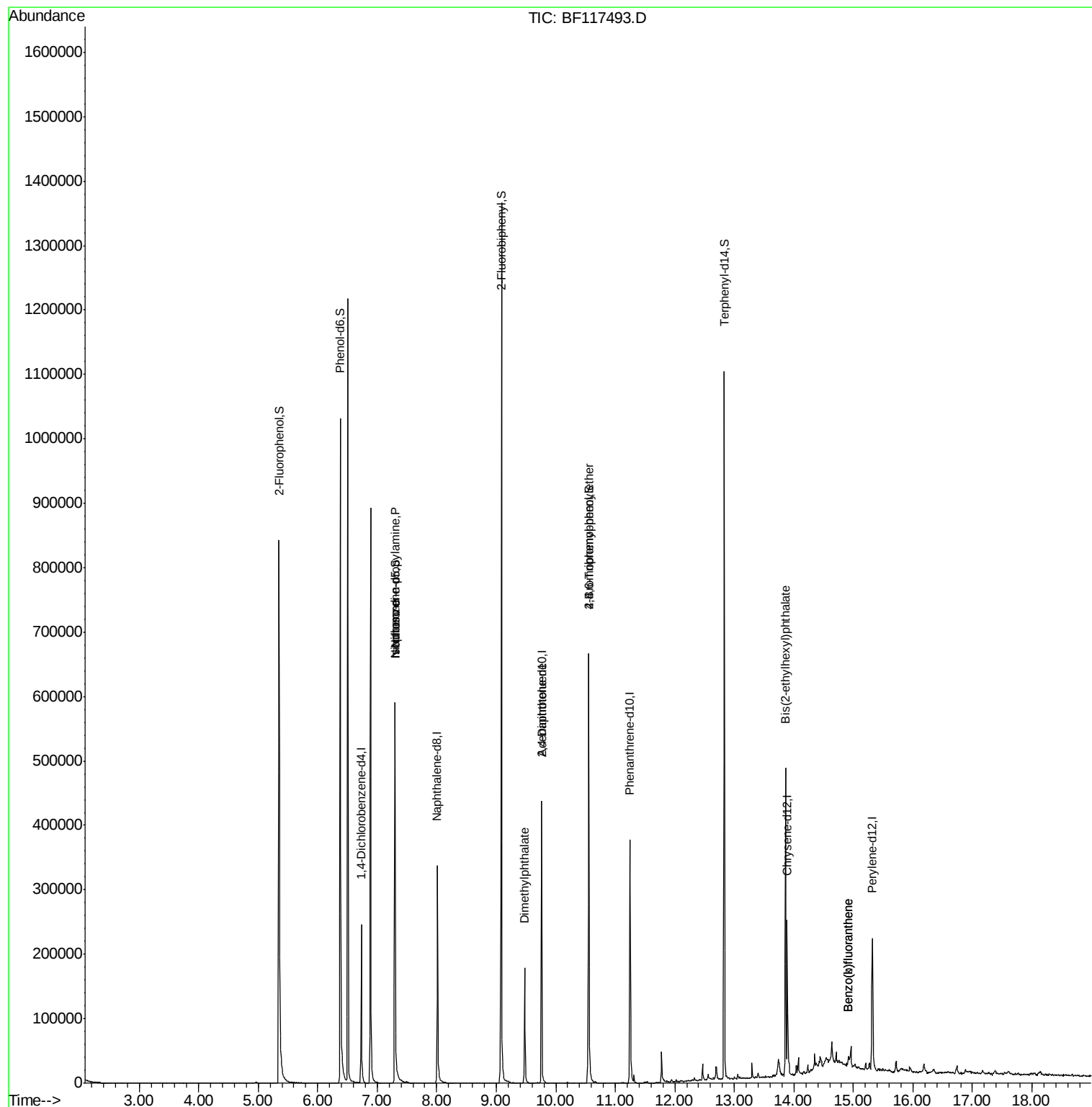
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.38	77	364	Below Cal		# 3
19) n-Nitroso-di-n-propylamine	7.30	70	31930	13.453	ng	# 76
25) Isophorone	7.30	82	235984	38.969	ng	# 65
50) Dimethylphthalate	9.48	163	72557	11.350	ng	# 98
57) 2,4-Dinitrotoluene	9.76	165	11107	6.263	ng	# 12
67) 4-Bromophenyl-phenylether	10.55	248	4723	2.924	ng	# 1
77) Benzydine	12.83	184	5077	Below Cal		# 99
84) Bis(2-ethylhexyl)phthalate	13.86	149	139403	27.433	ng	# 97
88) Benzo(b)fluoranthene	14.92	252	11969	2.185	ng	# 92
89) Benzo(k)fluoranthene	14.92	252	11969	2.131	ng	# 92

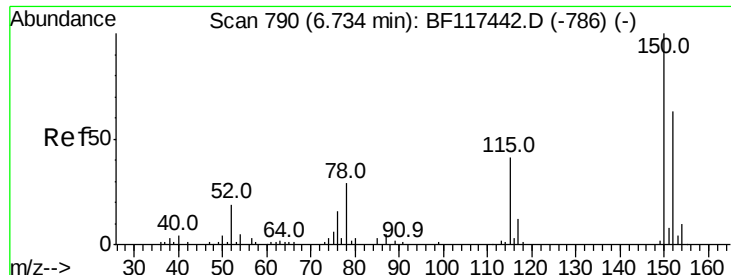
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117493.D
Acq On : 23 Oct 2019 19:51
Operator : JU
Sample : K5489-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 24 08:24:17 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



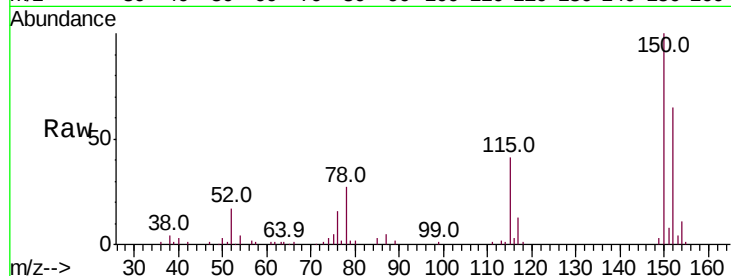


#1

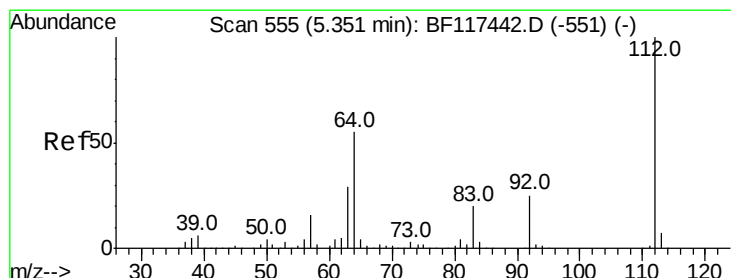
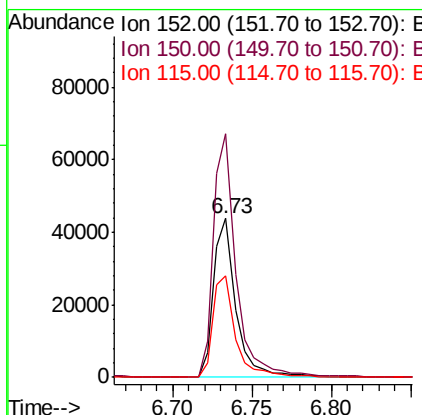
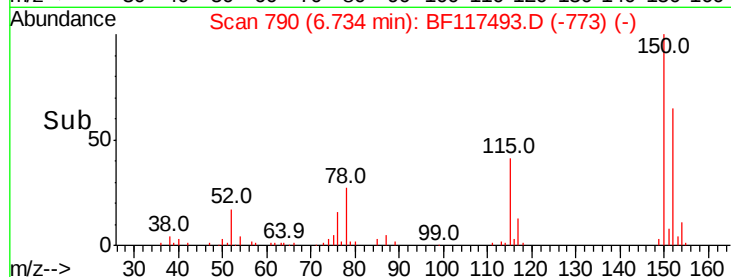
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117493.D
Acq: 23 Oct 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43047
Ion Ratio Lower Upper
152 100
150 153.5 126.8 190.2
115 63.7 51.6 77.4



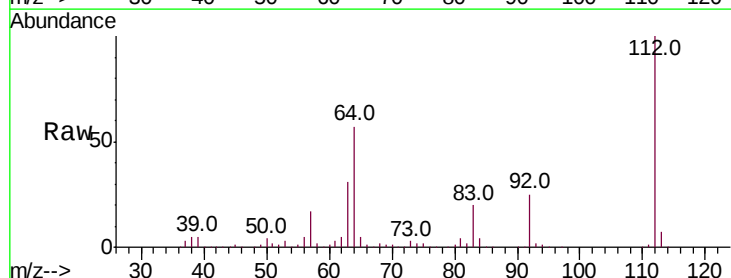
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



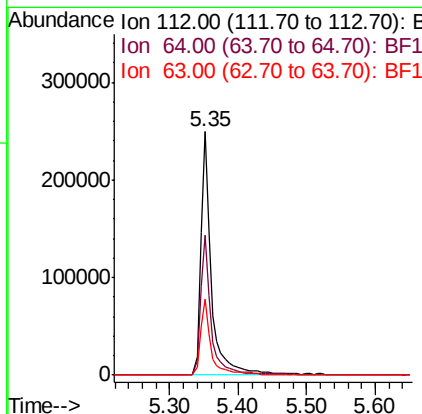
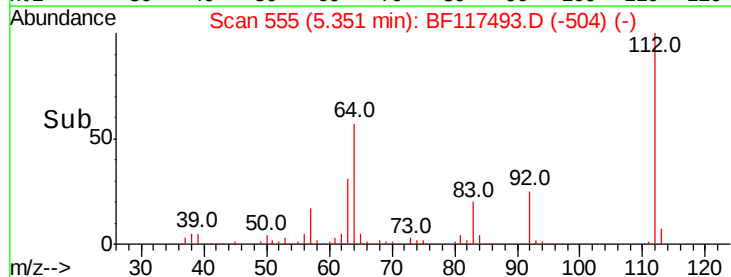
#5

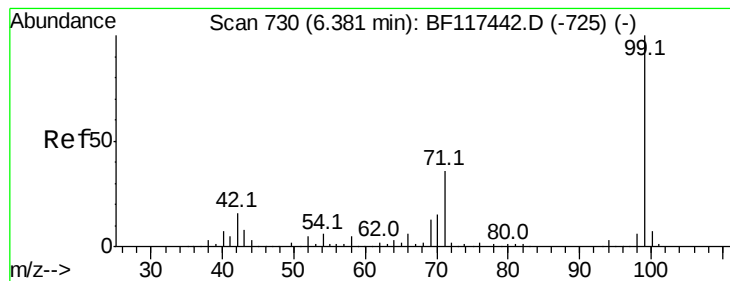
2-Fluorophenol
Concen: 95.613 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117493.D
Acq: 23 Oct 2019 19:51

Tgt Ion:112 Resp: 276658
Ion Ratio Lower Upper
112 100
64 57.4 44.1 66.1
63 31.2 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: 99.291 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117493.D

Acq: 23 Oct 2019 19:51

Instrument :

BNA_F

ClientSampled :

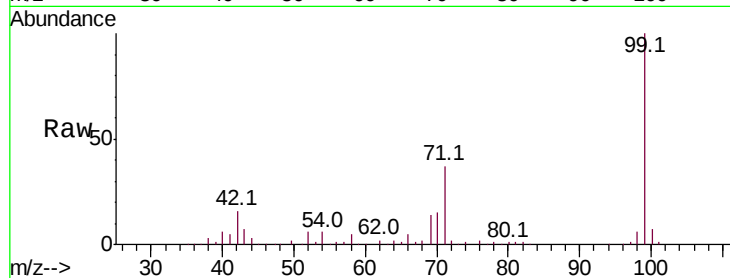
Tot Ion: 99 Resp: 385875

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

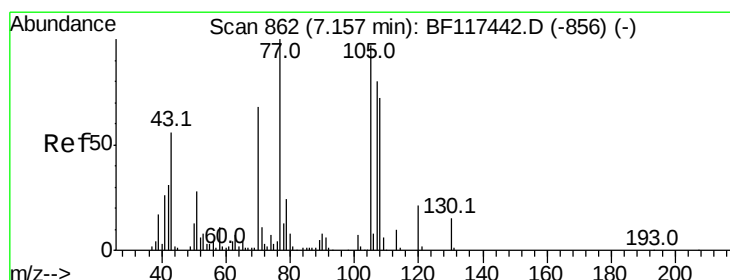
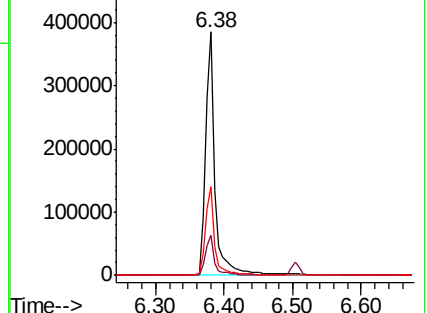
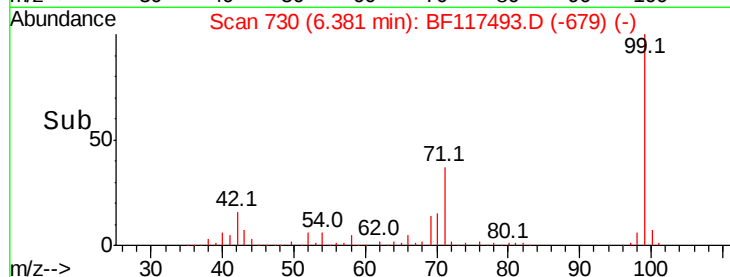
71 36.6 28.6 43.0



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: 13.453 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF117493.D

Acq: 23 Oct 2019 19:51

Tgt Ion: 70 Resp: 31930

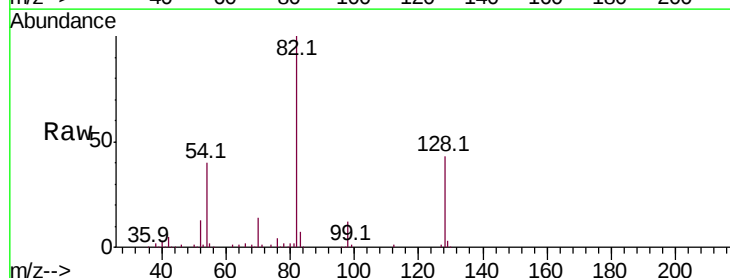
Ion Ratio Lower Upper

70 100

42 36.1 36.7 55.1#

101 0.0 8.3 12.5#

130 2.1 18.1 27.1#

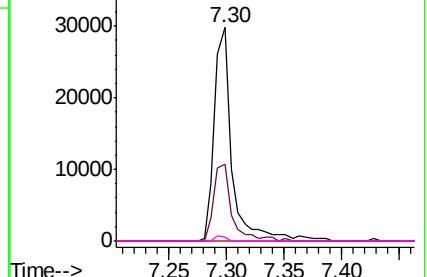
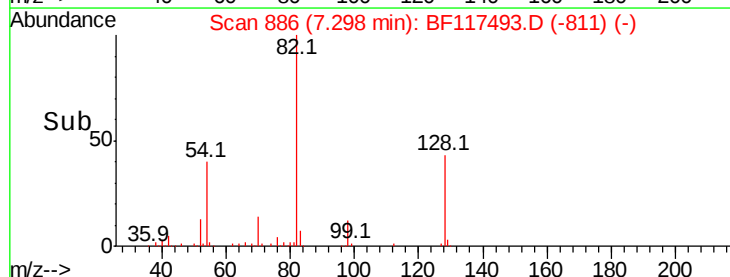


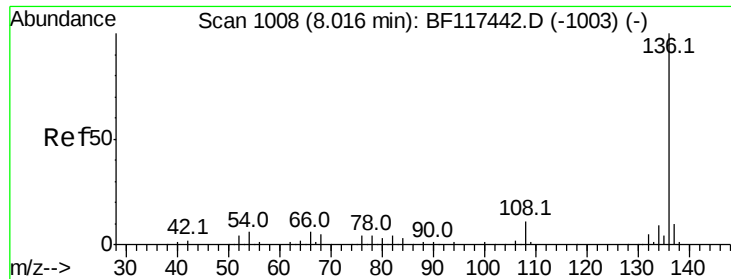
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

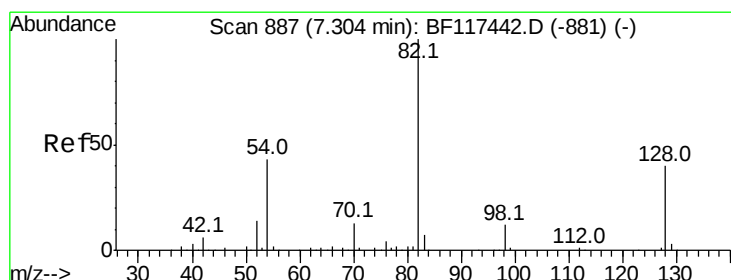
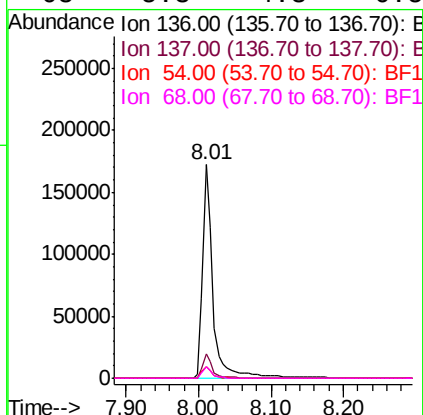
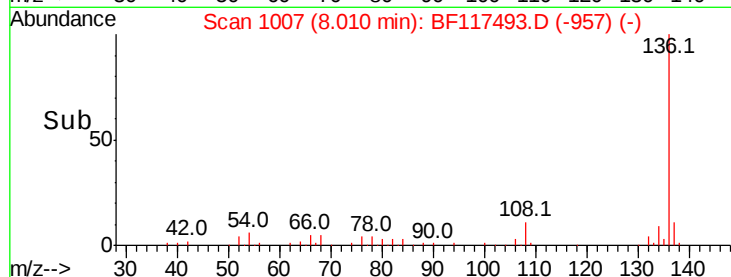
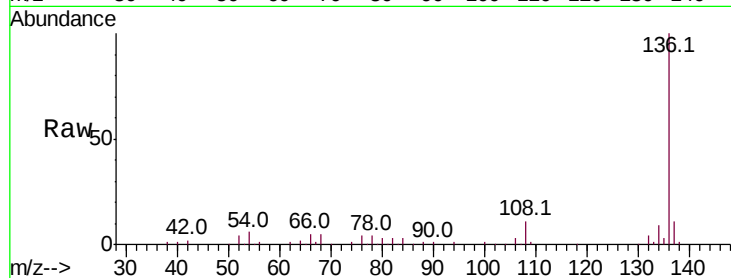




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117493.D
Acq: 23 Oct 2019 19:51

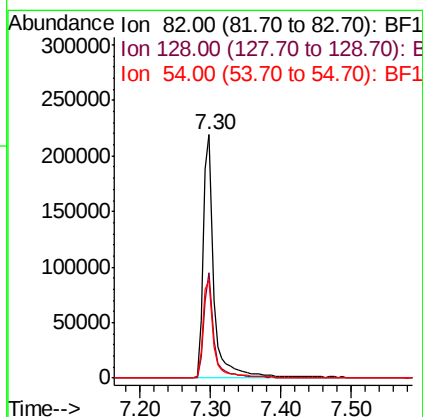
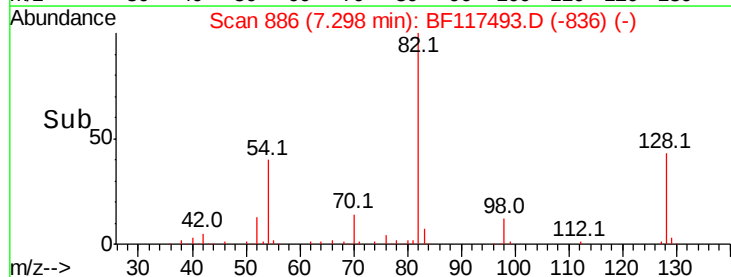
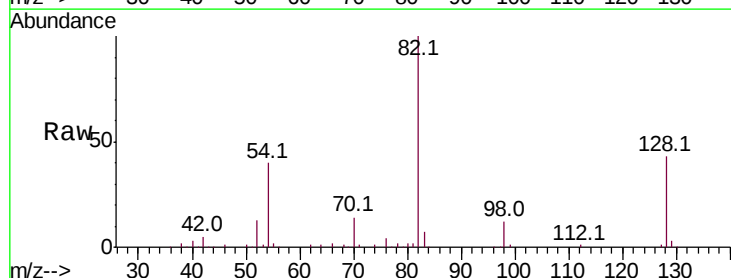
Instrument :
BNA_F
ClientSampled :

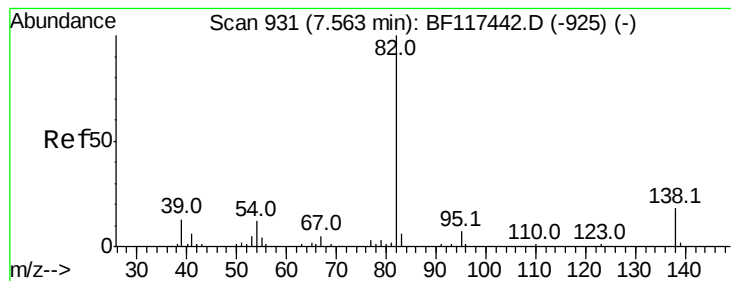
Tot Ion:	136	Resp:	172817
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	5.7	4.5	6.7
68	5.3	4.3	6.5



#23
Nitrobenzene-d5
Concen: 67.413 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117493.D
Acq: 23 Oct 2019 19:51

Tgt Ion:	82	Resp:	235985
Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.2	48.2
54	40.3	34.2	51.2





#25

Isophorone

Concen: 38.969 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF117493.D

Acq: 23 Oct 2019 19:51

Instrument :

BNA_F

ClientSampled :

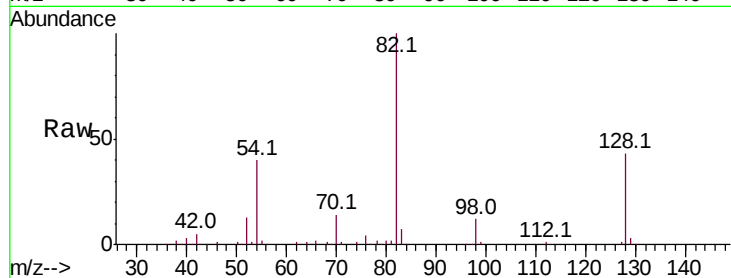
Tot Ion: 82 Resp: 235984

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

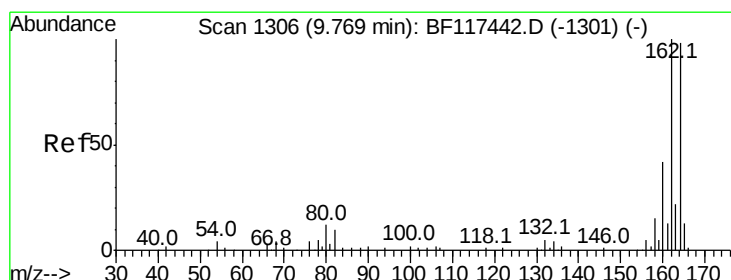
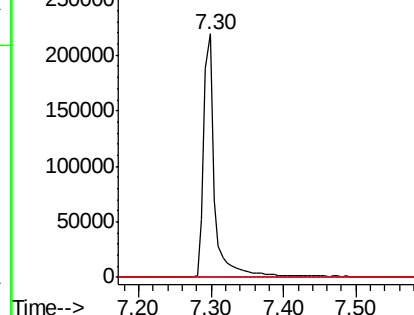
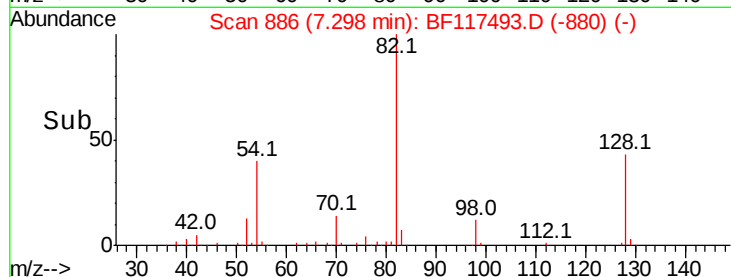
138 0.0 14.2 21.2#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117493.D

Acq: 23 Oct 2019 19:51

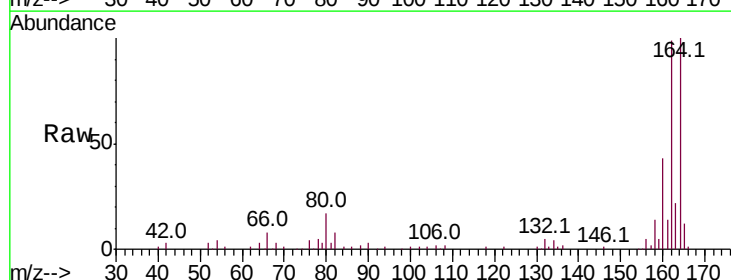
Tgt Ion: 164 Resp: 89672

Ion Ratio Lower Upper

164 100

162 98.8 81.8 122.6

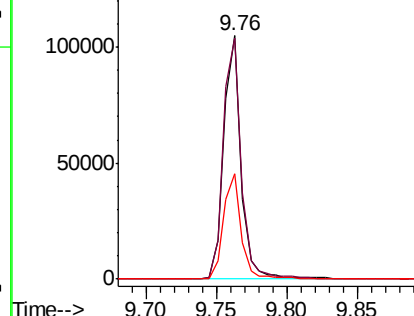
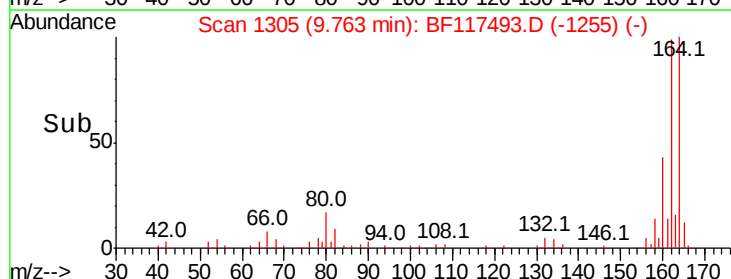
160 43.1 34.4 51.6

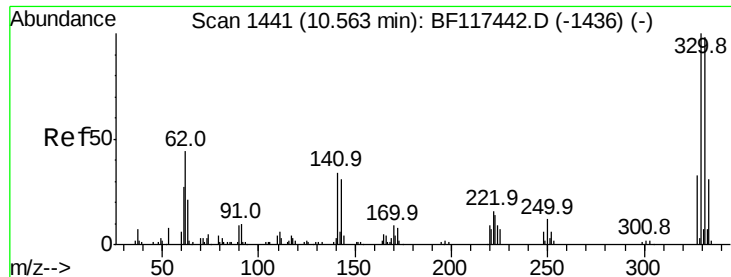


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

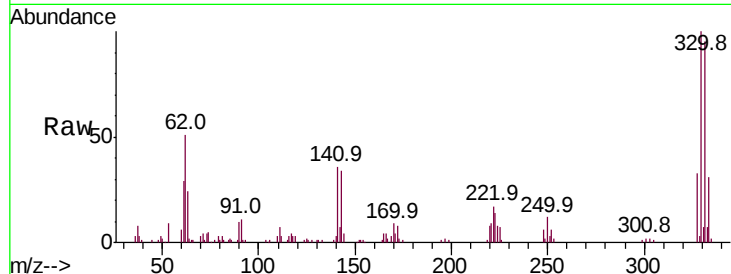




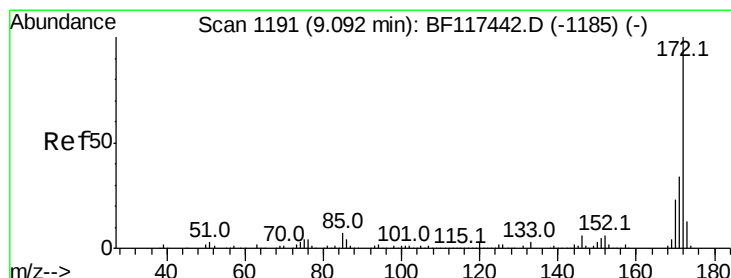
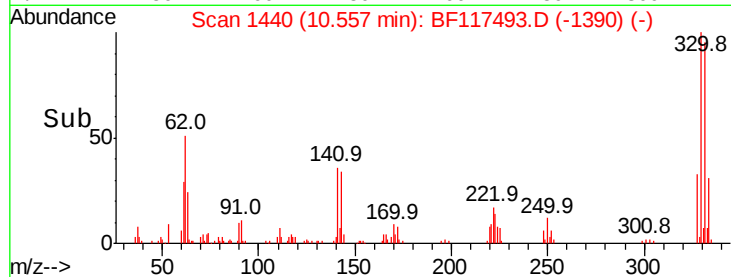
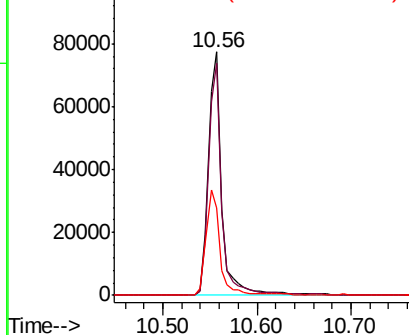
#42
 2,4,6-Tribromophenol
 Concen: 101.083 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117493.D
 Acq: 23 Oct 2019 19:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	78.5	117.7
141	44.9	37.0	55.6

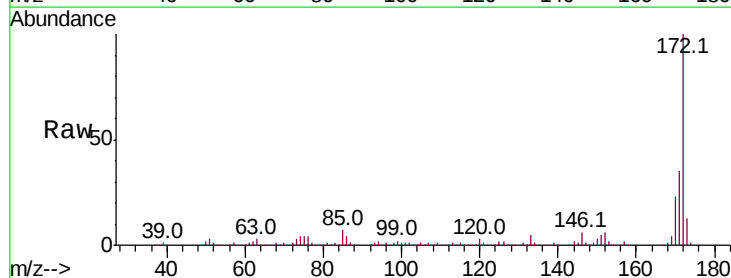


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

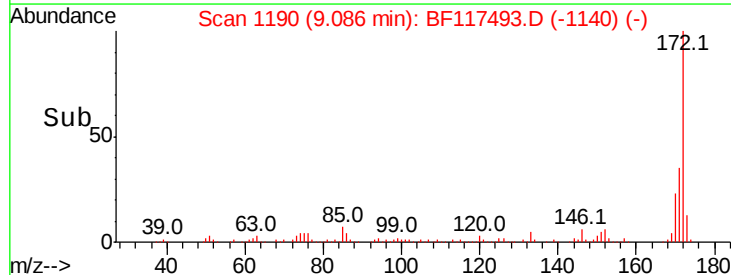
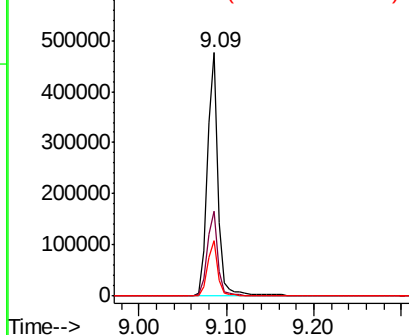


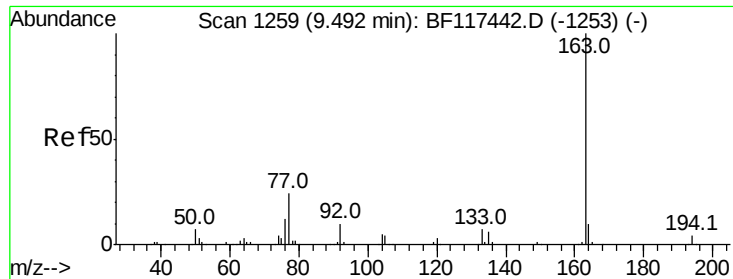
#45
 2-Fluorobiphenyl
 Concen: 63.780 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117493.D
 Acq: 23 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.5	41.3
170	22.9	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

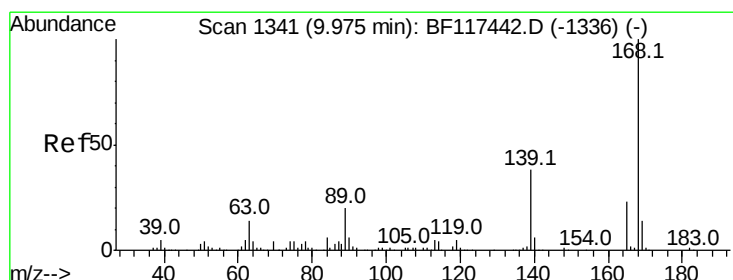
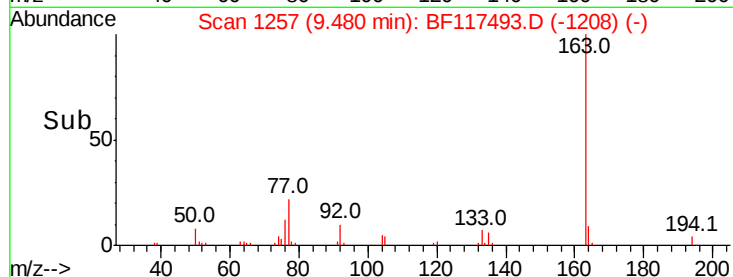
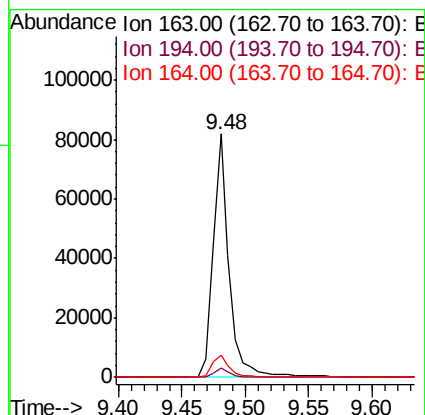
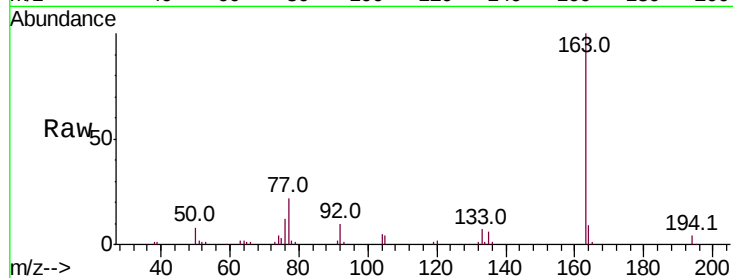




#50
Dimethylphthalate
Concen: 11.350 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117493.D
Acq: 23 Oct 2019 19:51

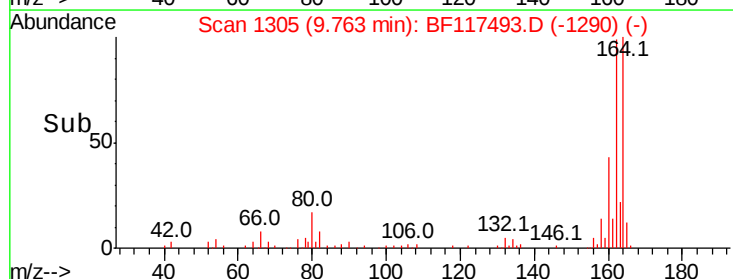
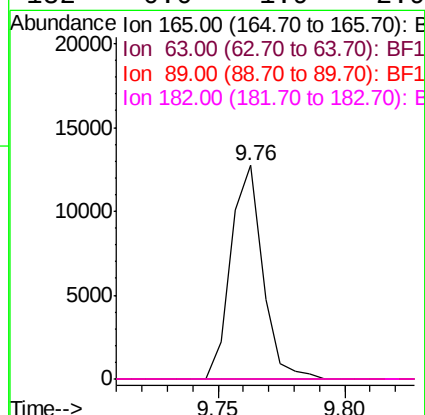
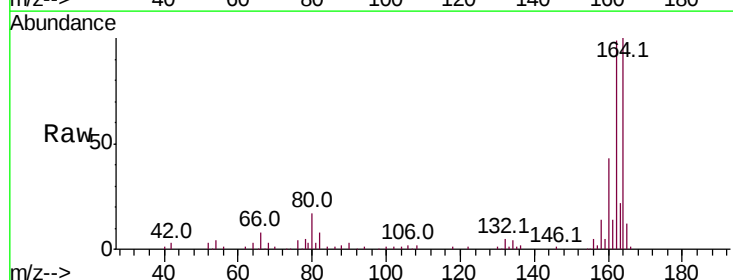
Instrument :
BNA_F
ClientSampled :

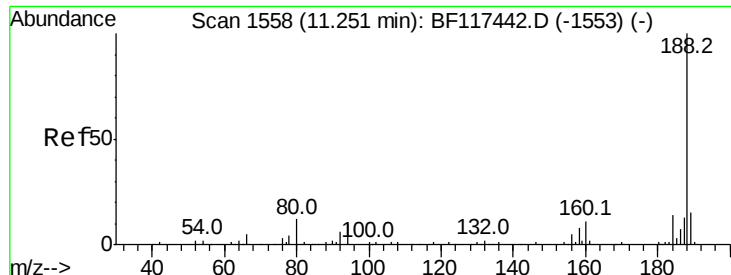
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	9.3	8.2	12.2



#57
2,4-Dinitrotoluene
Concen: 6.263 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117493.D
Acq: 23 Oct 2019 19:51

Tgt 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#

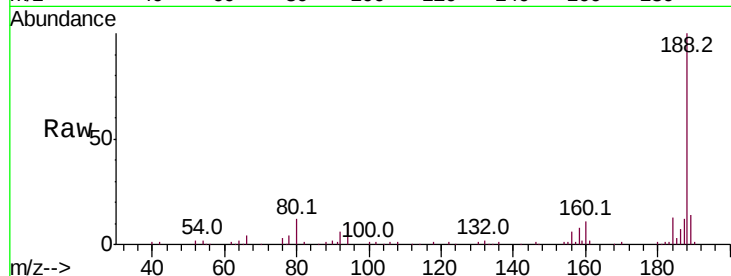




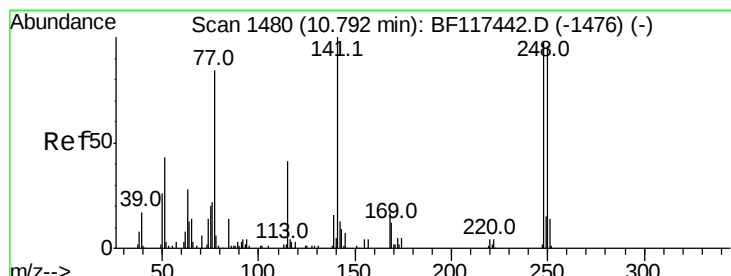
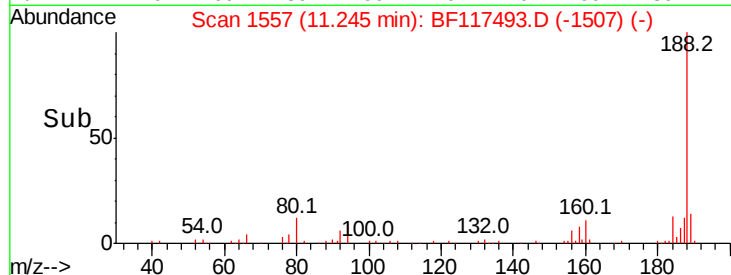
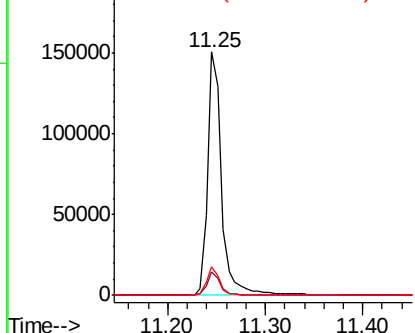
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF117493.D
 Acq: 23 Oct 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	11.8	9.5	14.3

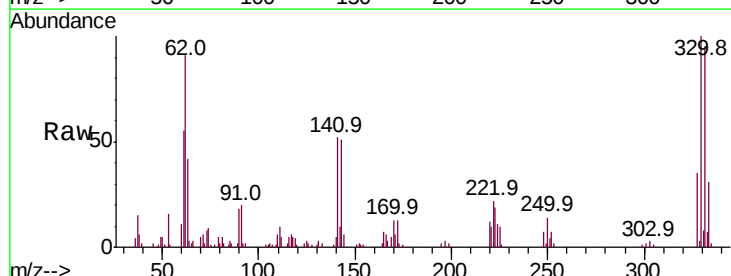


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

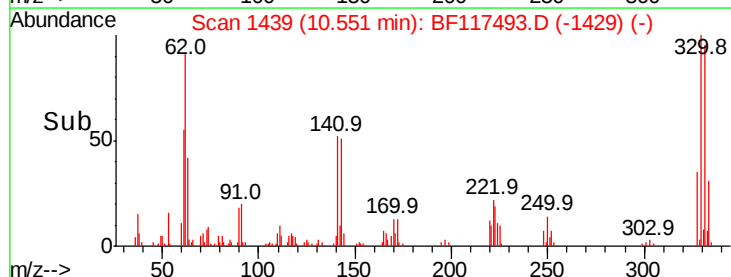
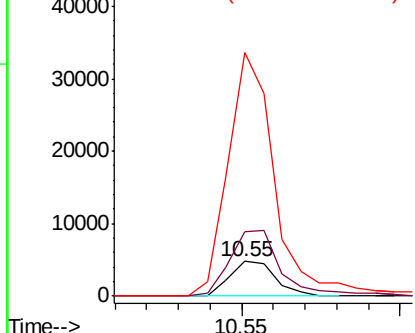


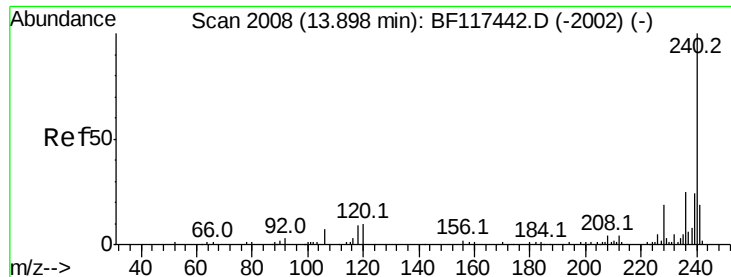
#67
 4-Bromophenyl-phenylether
 Concen: 2.924 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF117493.D
 Acq: 23 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	185.0	78.0	117.0#
141	699.1	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

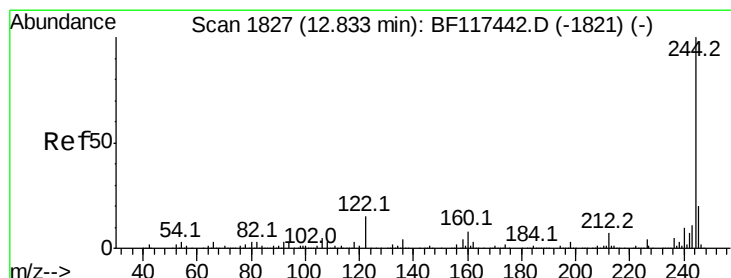
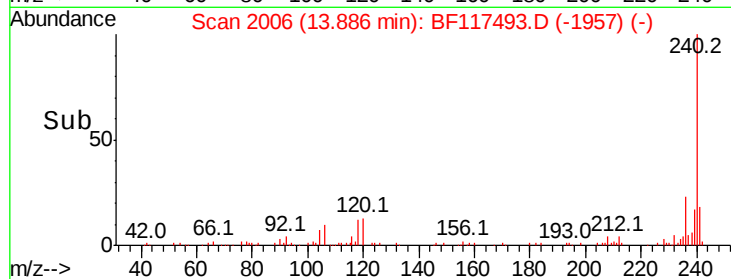
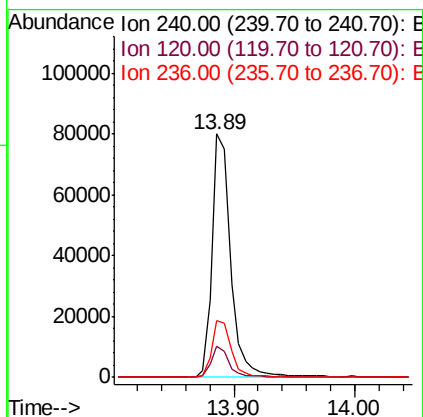
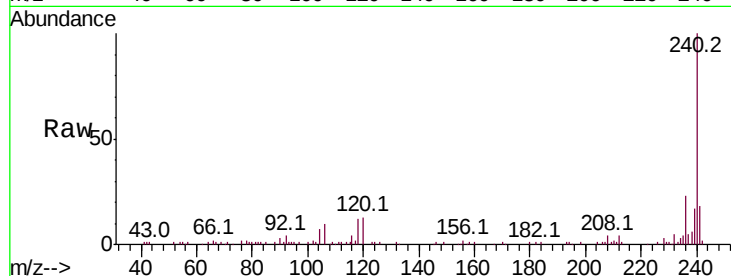




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF117493.D
Acq: 23 Oct 2019 19:51

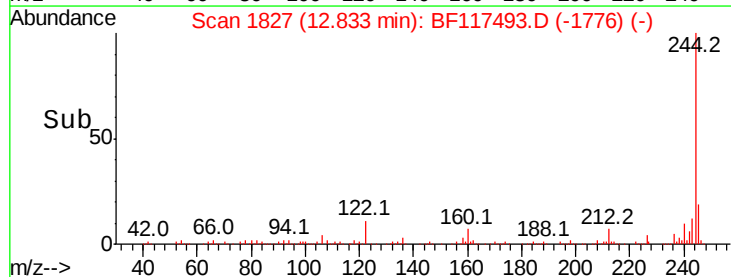
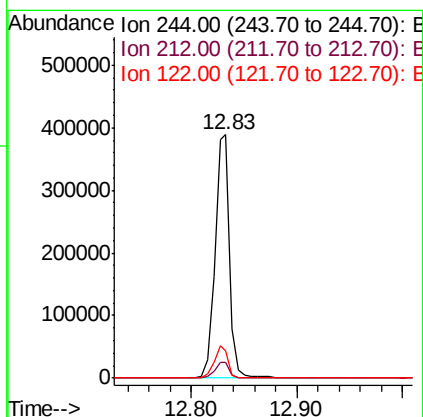
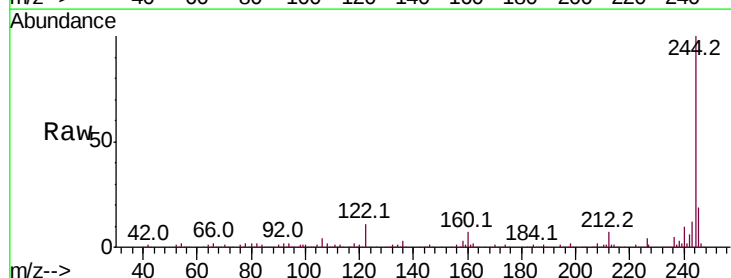
Instrument :
BNA_F
ClientSampleId :

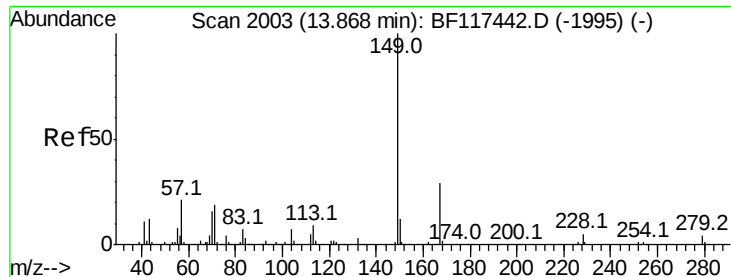
Tot Ion:240 Resp: 84869
Ion Ratio Lower Upper
240 100
120 12.9 8.4 12.6#
236 23.3 20.0 30.0



#79
Terphenyl-d14
Concen: 73.255 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117493.D
Acq: 23 Oct 2019 19:51

Tgt Ion:244 Resp: 381155
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 11.3 11.8 17.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 27.433 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF117493.D

Acq: 23 Oct 2019 19:51

Instrument :

BNA_F

ClientSampleId :

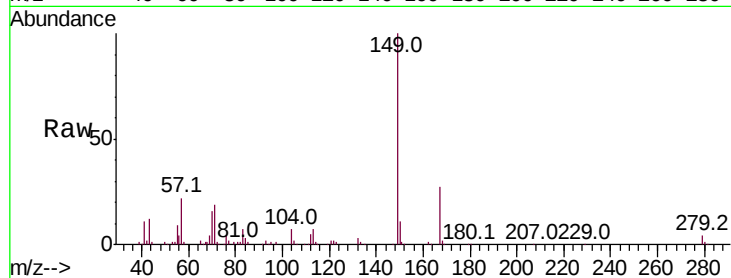
Tot Ion:149 Resp: 139403

Ion Ratio Lower Upper

149 100

167 27.2 23.3 34.9

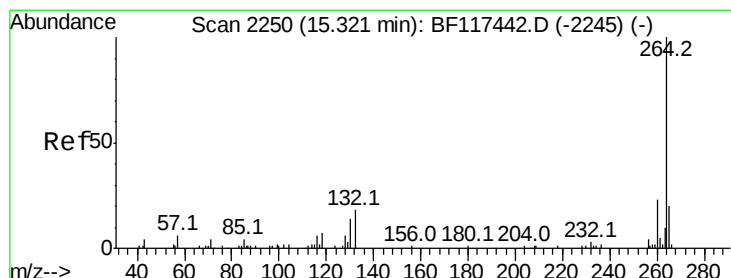
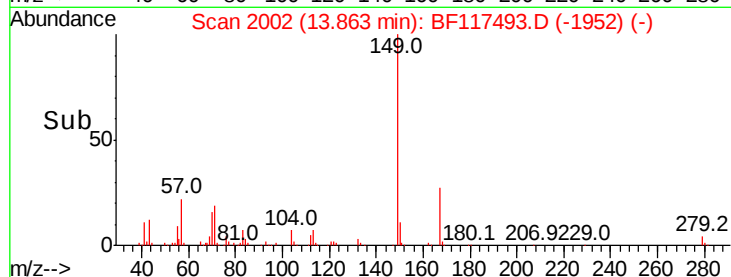
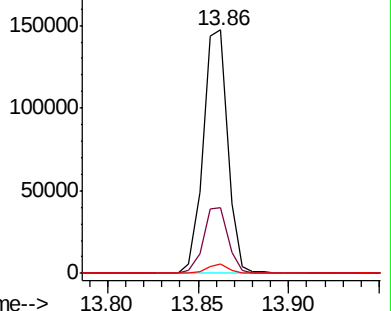
279 3.8 3.2 4.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BF117493.D

Acq: 23 Oct 2019 19:51

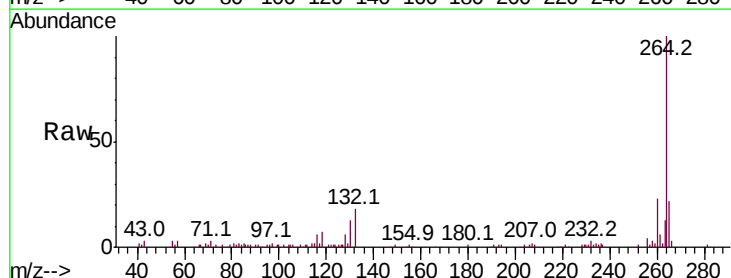
Tgt Ion:264 Resp: 92779

Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

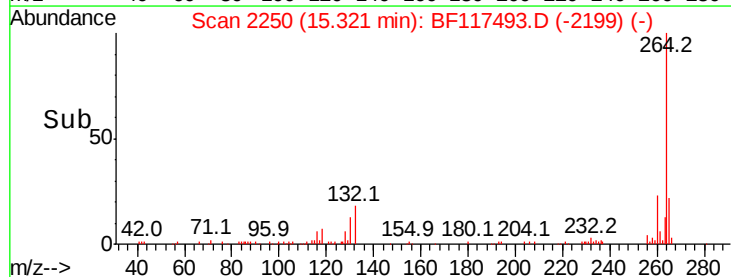
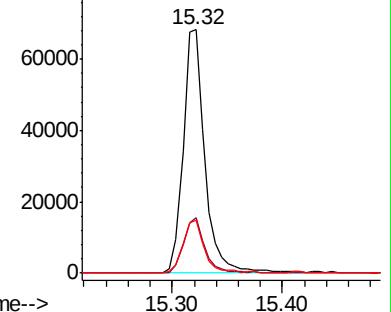
265 21.9 16.1 24.1

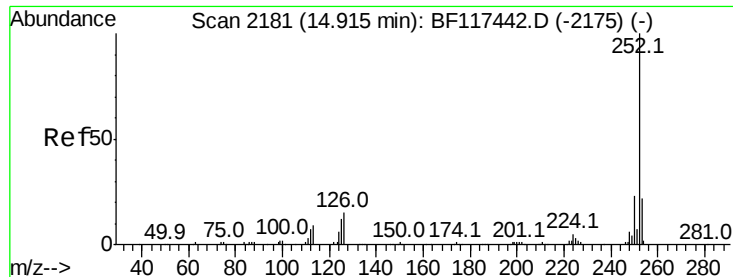


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

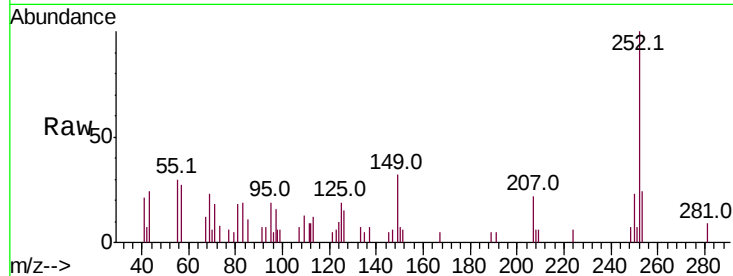




#88
Benzo(b)fluoranthene
Concen: 2.185 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117493.D
Acq: 23 Oct 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	19.0	9.9	14.9#

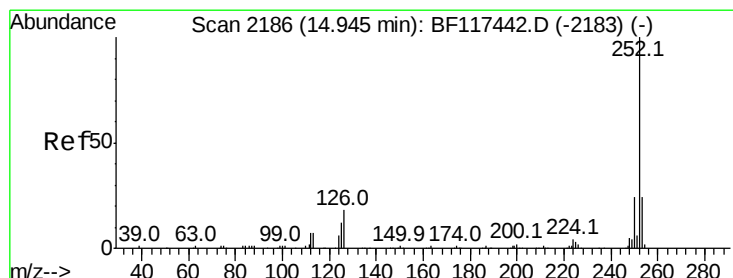
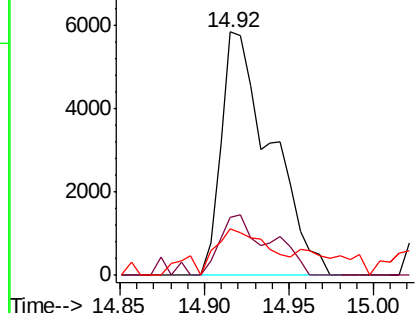
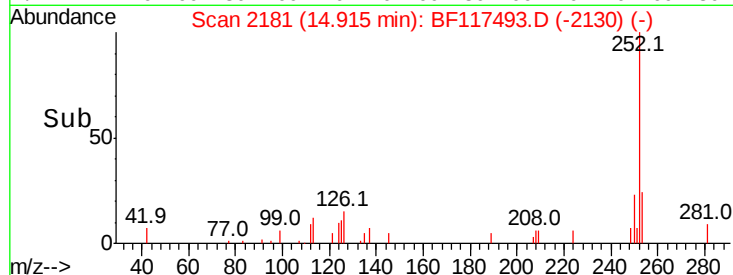


Abundance

Ion 252.00 (251.70 to 252.70): E

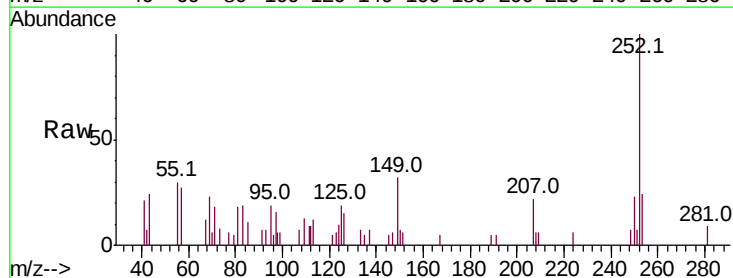
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.131 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BF117493.D
Acq: 23 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	19.0	8.9	13.3#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

