

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117552.D
 Acq On : 25 Oct 2019 22:27
 Operator : JU
 Sample : K5502-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 181-50-(0-2)

Quant Time: Oct 26 00:14:50 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

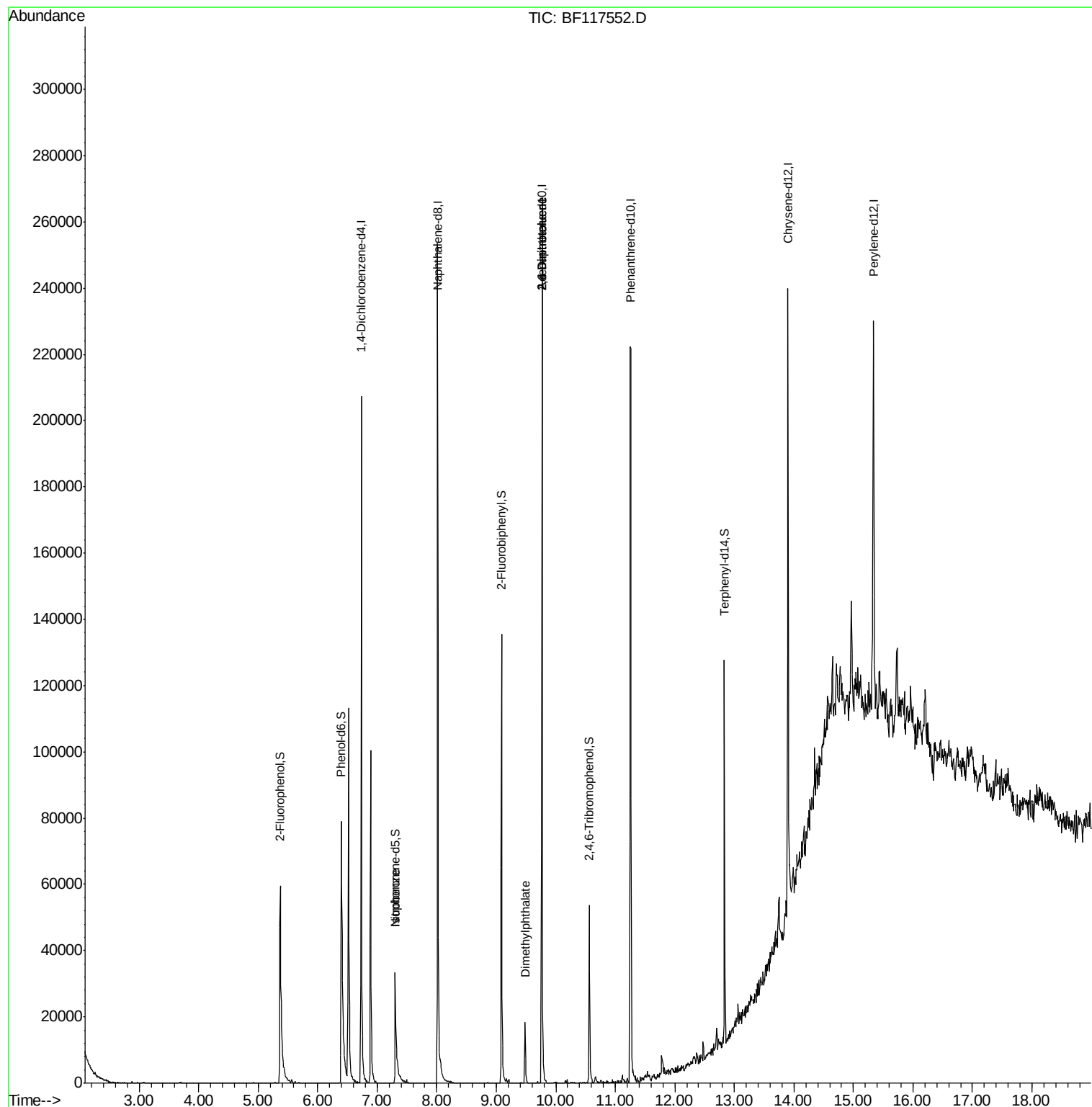
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	35647	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	136825	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	63515	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	95991	20.00	ng	0.00
76) Chrysene-d12	13.90	240	63548	20.00	ng	0.00
87) Perylene-d12	15.34	264	51502	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	37464	15.64	ng	0.02
7) Phenol-d6	6.40	99	52645	16.36	ng	0.02
23) Nitrobenzene-d5	7.30	82	25515	9.21	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	7128	12.97	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	47139	10.46	ng	0.00
79) Terphenyl-d14	12.83	244	36165	9.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	946	Below Cal	#	57
25) Isophorone	7.30	82	25515	5.322 ng	#	65
50) Dimethylphthalate	9.49	163	9344	2.064 ng	#	96
51) 2,6-Dinitrotoluene	9.76	165	7657	8.104 ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	7657	6.095 ng	#	12
77) Benzidine	12.83	184	545	Below Cal	#	67

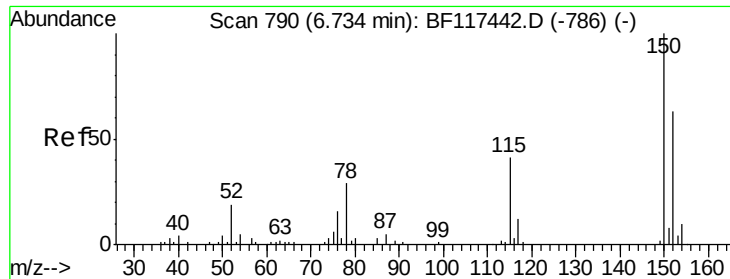
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
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Misc :
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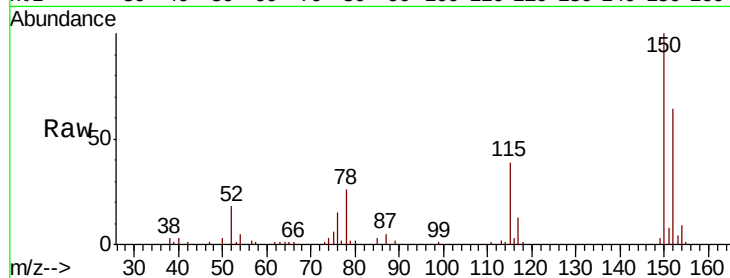


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117552.D
Acq: 25 Oct 2019 22:27

Instrument :
BNA_F
ClientSampleId :
181-50-(0-2)

Tot Ion	152	Resp	35647
Ion Ratio	Lower	Upper	
152	100		
150	155.9	126.8	190.2
115	61.3	51.6	77.4

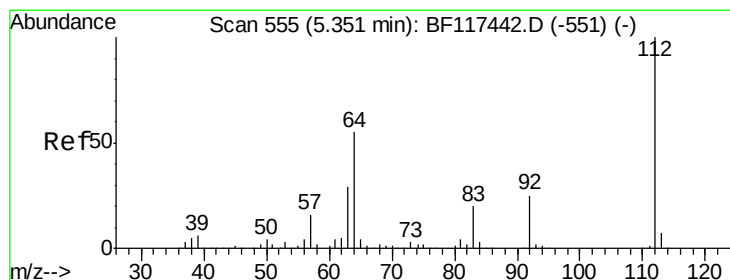
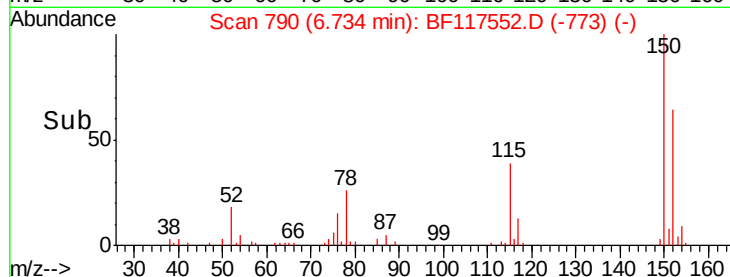
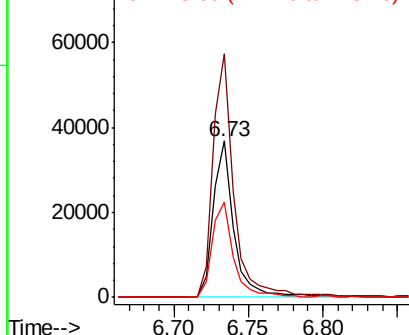


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

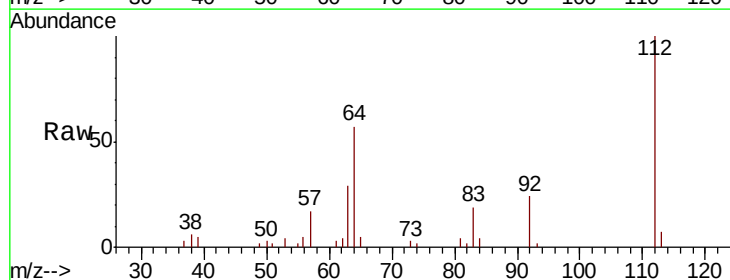
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 15.635 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117552.D
Acq: 25 Oct 2019 22:27

Tgt Ion	112	Resp	37464
Ion Ratio	Lower	Upper	
112	100		
64	57.4	44.1	66.1
63	29.0	23.4	35.2

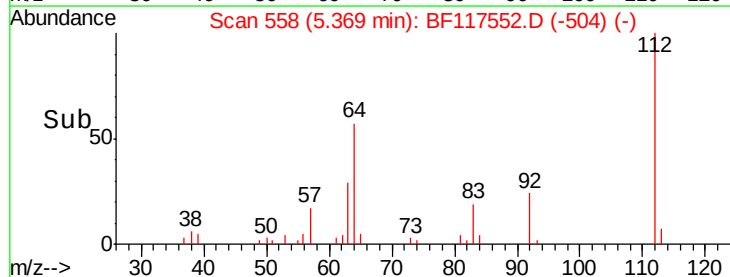
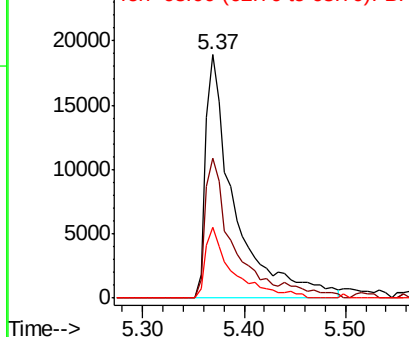


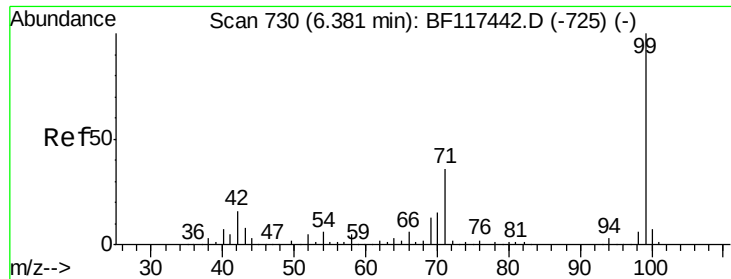
Abundance

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: 16.358 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF117552.D

Acq: 25 Oct 2019 22:27

Instrument :

BNA_F

ClientSampleId :

181-50-(0-2)

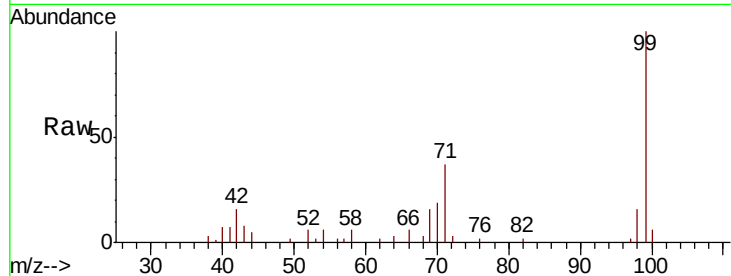
Tot Ion: 99 Resp: 52645

Ion Ratio Lower Upper

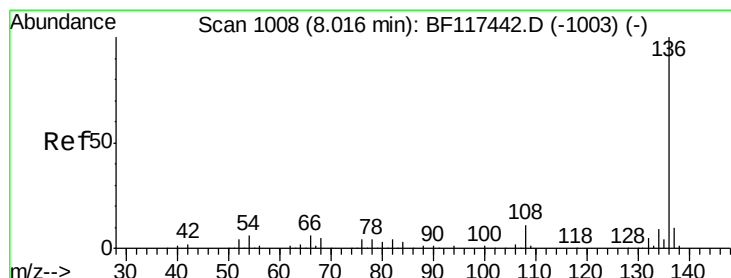
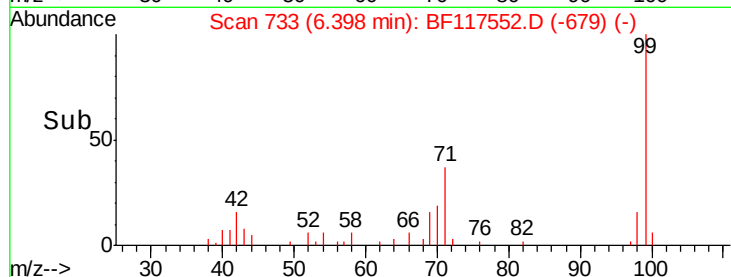
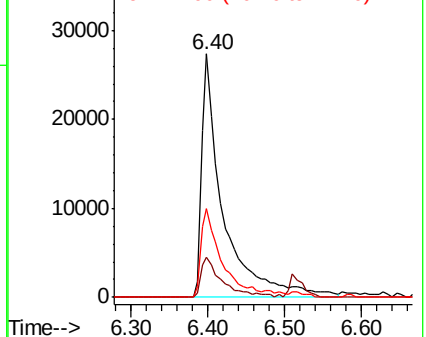
99 100

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117552.D

Acq: 25 Oct 2019 22:27

Tgt Ion: 136 Resp: 136825

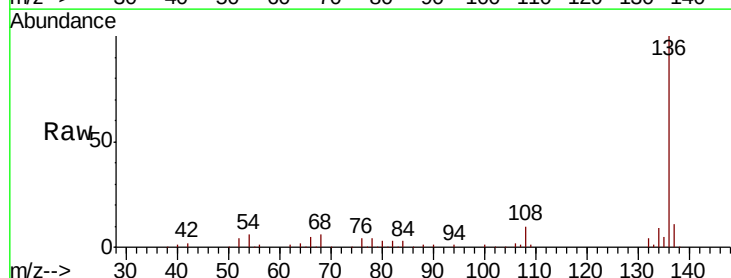
Ion Ratio Lower Upper

136 100

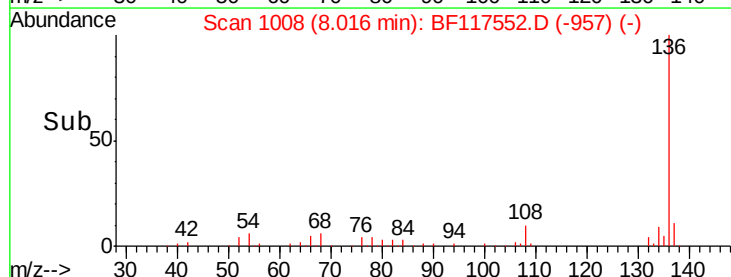
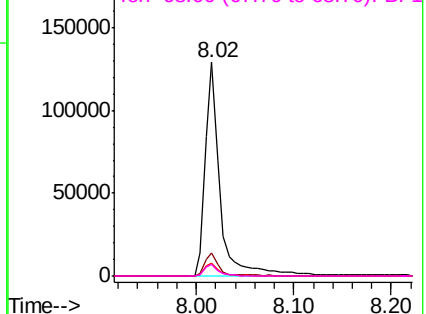
137 10.9 8.2 12.4

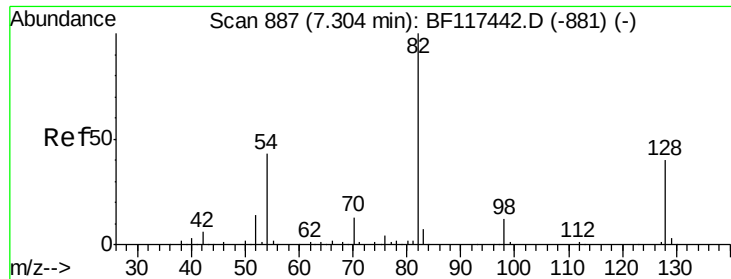
54 6.1 4.5 6.7

68 5.6 4.3 6.5



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

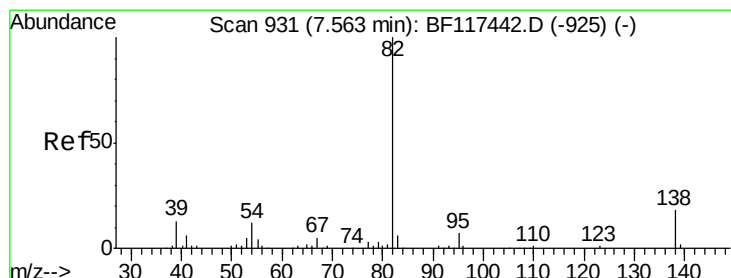
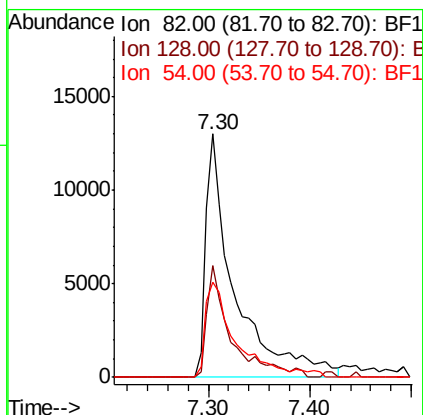
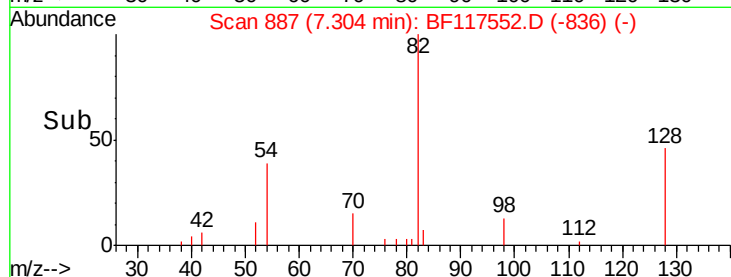
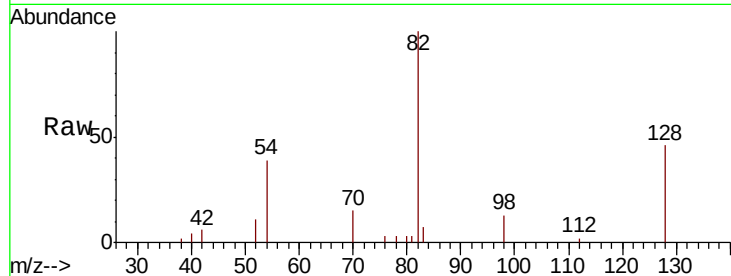




#23
Nitrobenzene-d5
Concen: 9.206 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF117552.D
Acq: 25 Oct 2019 22:27

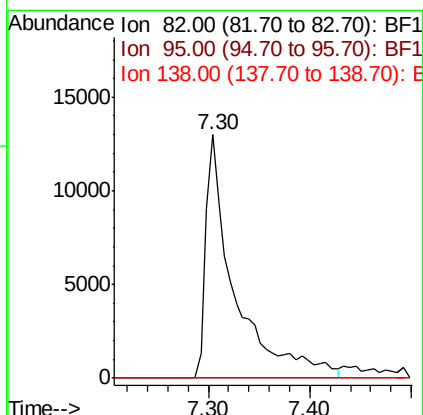
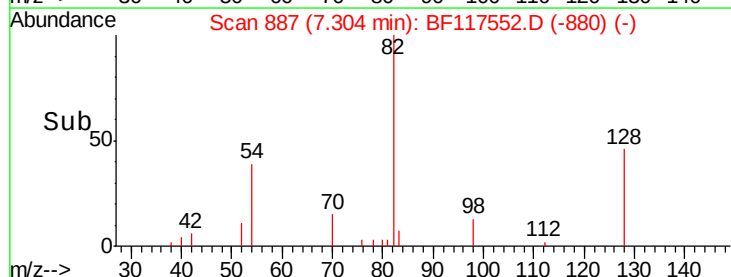
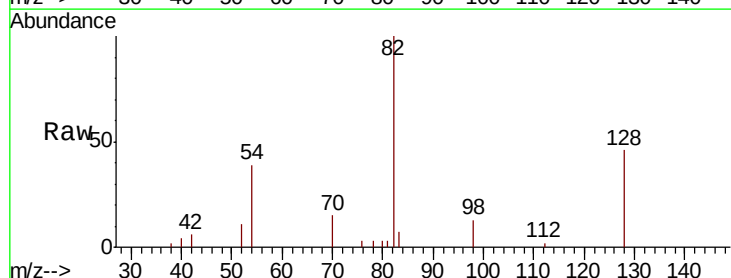
Instrument :
BNA_F
ClientSampleId :
181-50-(0-2)

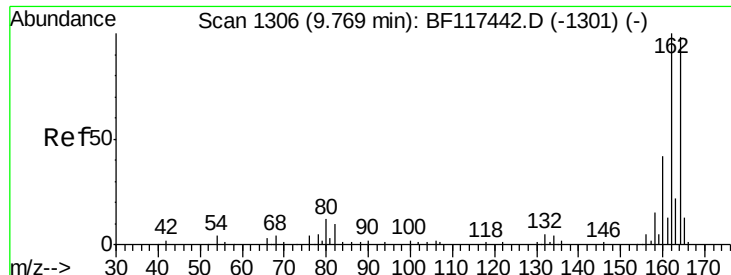
Tot Ion	82	Resp	25515
Ion Ratio	Lower	Upper	
82	100		
128	45.7	32.2	48.2
54	39.3	34.2	51.2



#25
Isophorone
Concen: 5.322 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF117552.D
Acq: 25 Oct 2019 22:27

Tgt Ion	82	Resp	25515
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

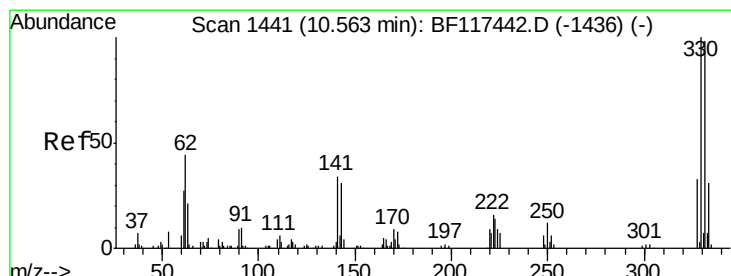
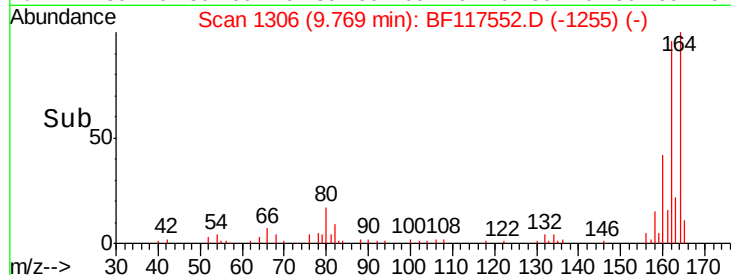
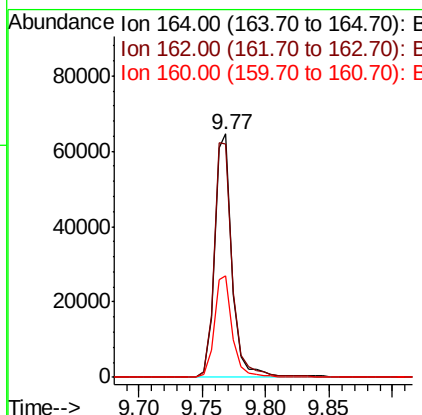
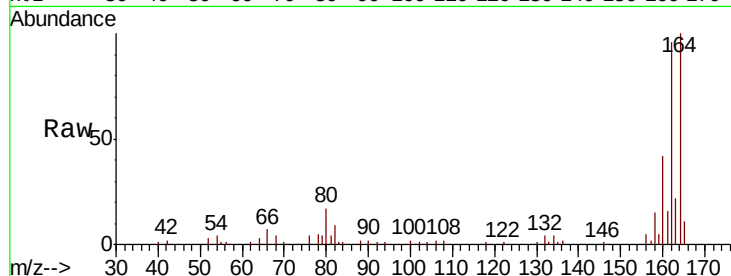




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF117552.D
 Acq: 25 Oct 2019 22:27

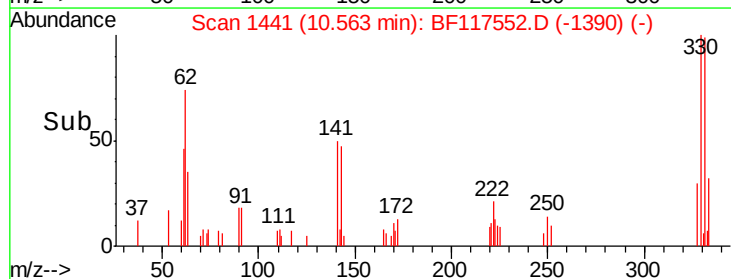
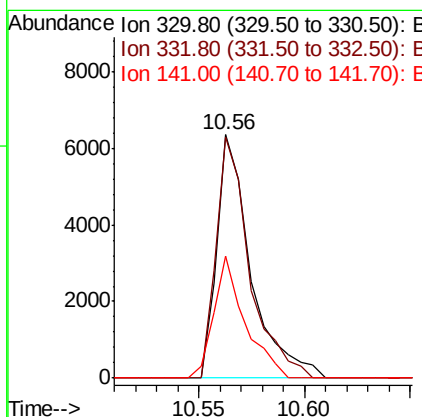
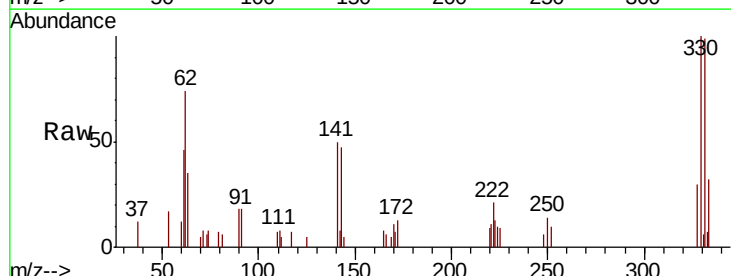
Instrument :
 BNA_F
 ClientSampleId :
 181-50-(0-2)

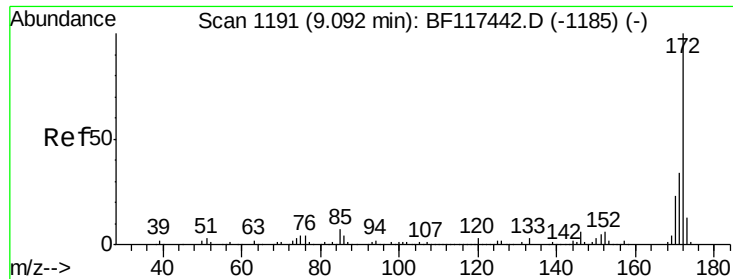
Tot Ion:164 Resp: 63515
 Ion Ratio Lower Upper
 164 100
 162 96.0 81.8 122.6
 160 41.8 34.4 51.6



#42
 2,4,6-Tribromophenol
 Concen: 12.970 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF117552.D
 Acq: 25 Oct 2019 22:27

Tgt Ion:330 Resp: 7128
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.5 117.7
 141 46.0 37.0 55.6

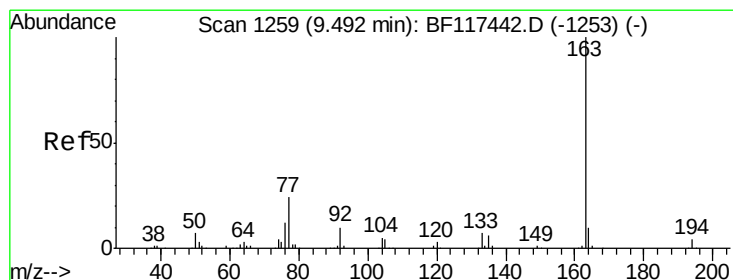
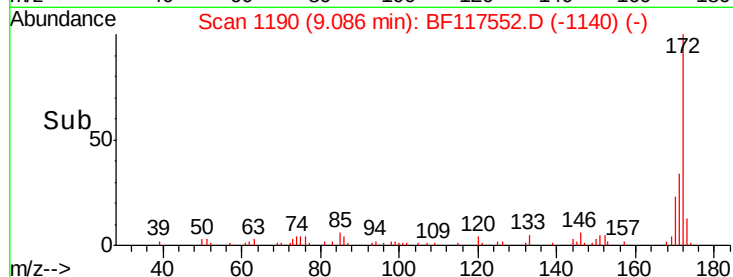
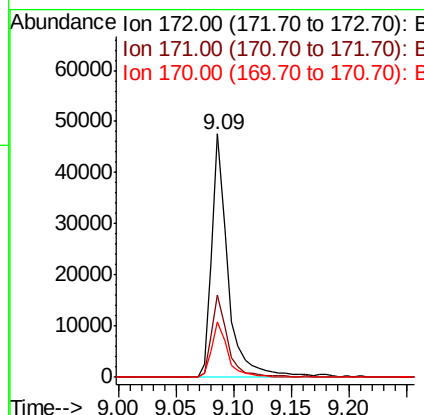
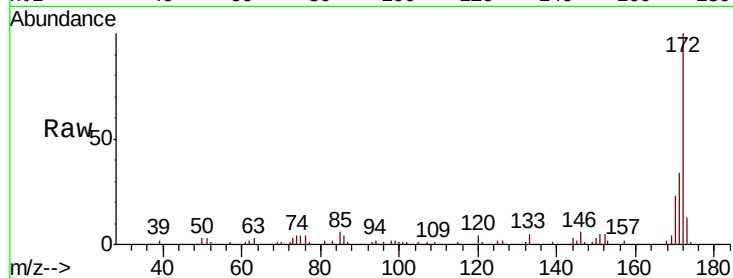




#45
2-Fluorobiphenyl
Concen: 10.457 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117552.D
Acq: 25 Oct 2019 22:27

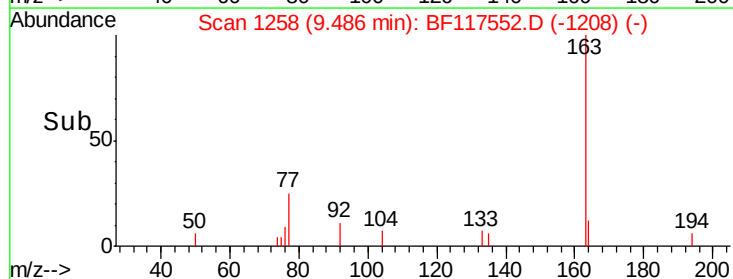
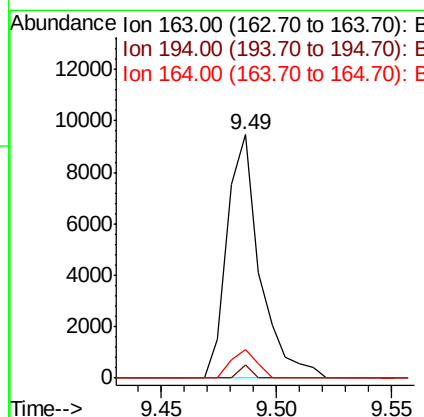
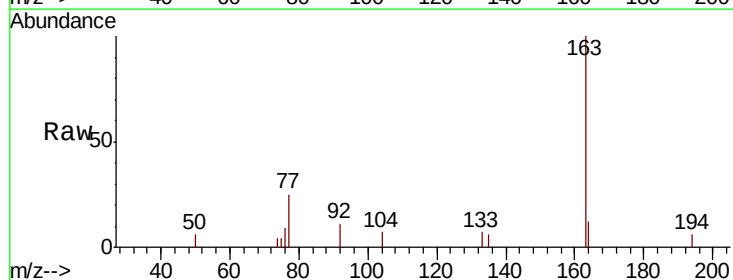
Instrument :
BNA_F
ClientSampleId :
181-50-(0-2)

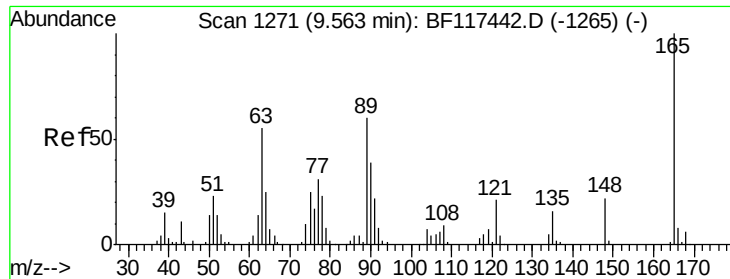
Tot Ion:172 Resp: 47139
Ion Ratio Lower Upper
172 100
171 33.8 27.5 41.3
170 22.8 18.6 27.8



#50
Dimethylphthalate
Concen: 2.064 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117552.D
Acq: 25 Oct 2019 22:27

Tgt Ion:163 Resp: 9344
Ion Ratio Lower Upper
163 100
194 5.6 2.9 4.3#
164 11.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 8.104 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.20 min

Lab File: BF117552.D

Acq: 25 Oct 2019 22:27

Instrument :

BNA_F

ClientSampleId :

181-50-(0-2)

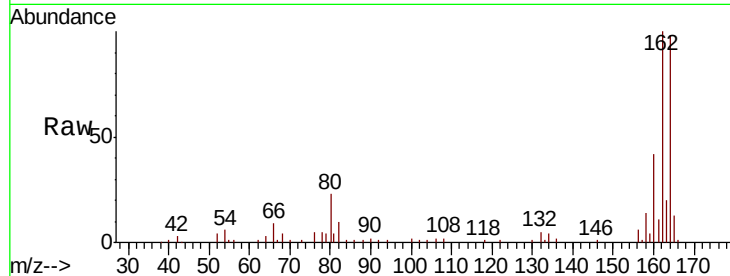
Tot Ion:165 Resp: 7657

Ion Ratio Lower Upper

165 100

63 0.0 43.8 65.8#

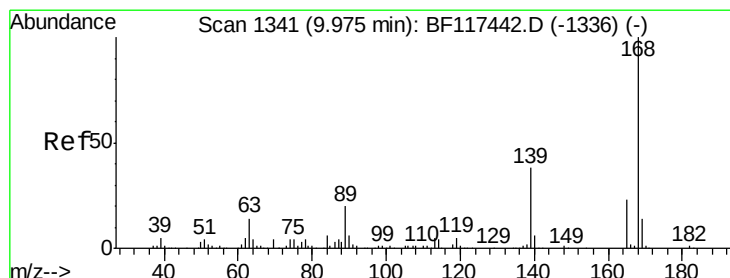
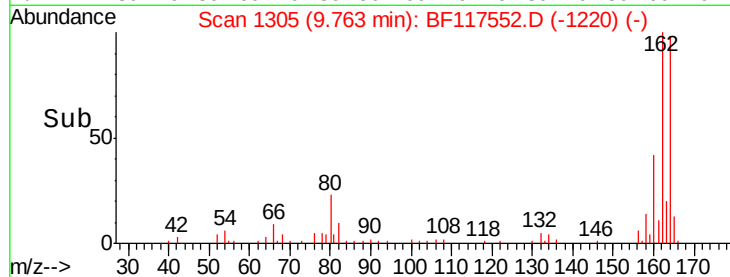
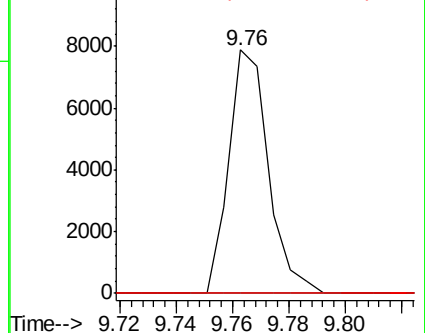
89 0.0 47.6 71.4#



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: 6.095 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.21 min

Lab File: BF117552.D

Acq: 25 Oct 2019 22:27

Tgt Ion:165 Resp: 7657

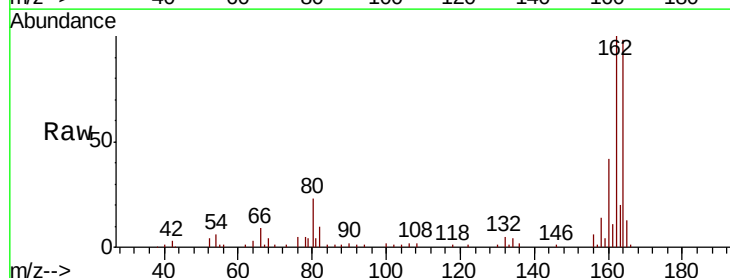
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.0#

89 0.0 69.9 104.9#

182 0.0 1.9 2.9#

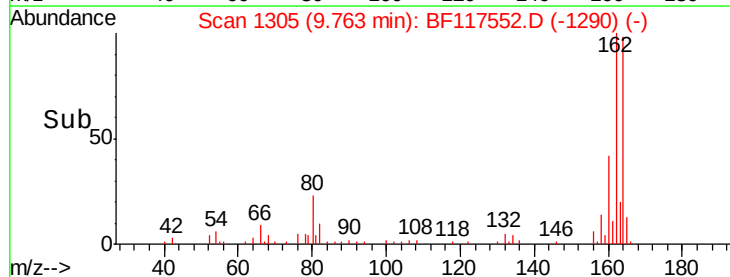
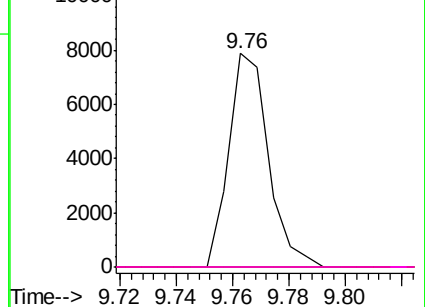


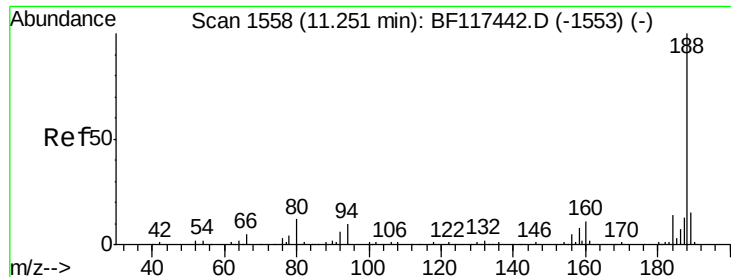
Abundance Ion 165.00 (164.70 to 165.70): E

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

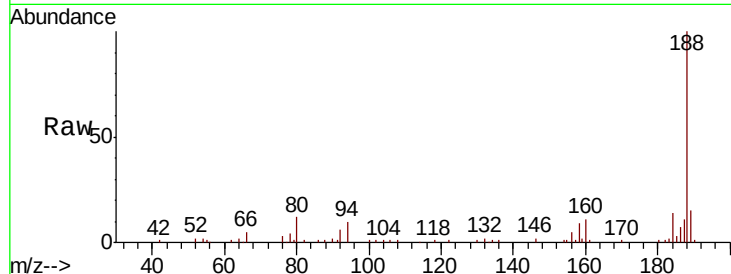




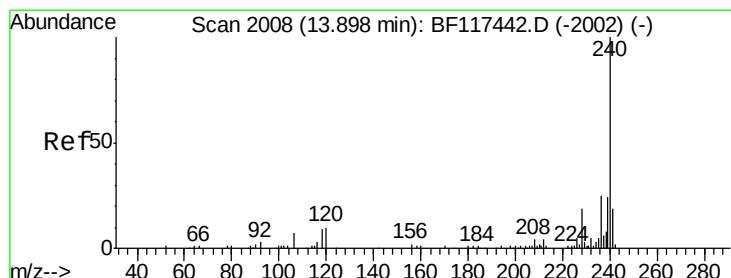
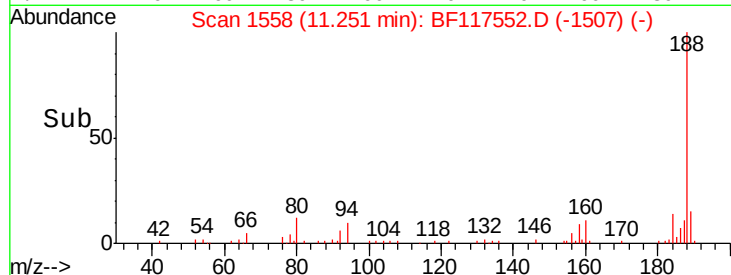
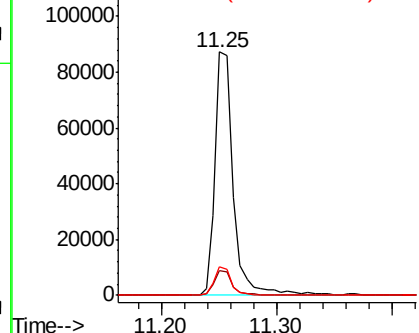
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117552.D
Acq: 25 Oct 2019 22:27

Instrument :
BNA_F
ClientSampleId :
181-50-(0-2)

Tot Ion:188 Resp: 95991
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 11.8 9.5 14.3

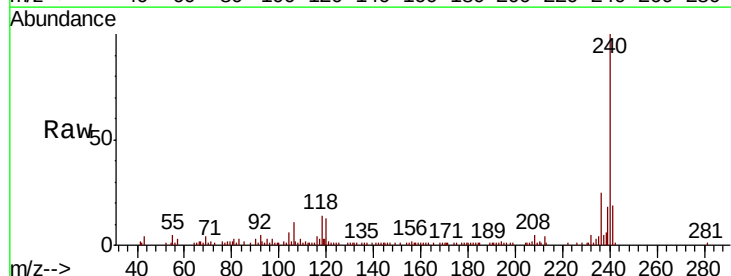


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

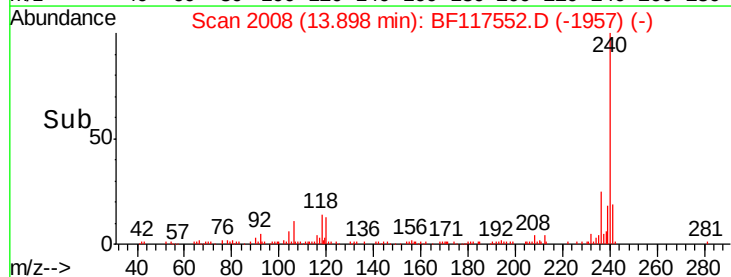
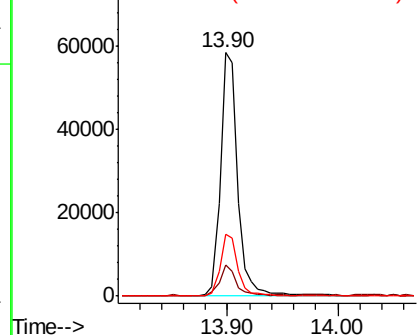


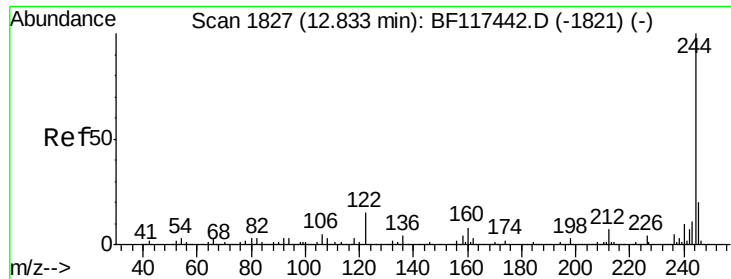
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117552.D
Acq: 25 Oct 2019 22:27

Tgt Ion:240 Resp: 63548
Ion Ratio Lower Upper
240 100
120 12.9 8.4 12.6#
236 25.4 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: 9.283 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117552.D

Acq: 25 Oct 2019 22:27

Instrument :

BNA_F

ClientSampleId :

181-50-(0-2)

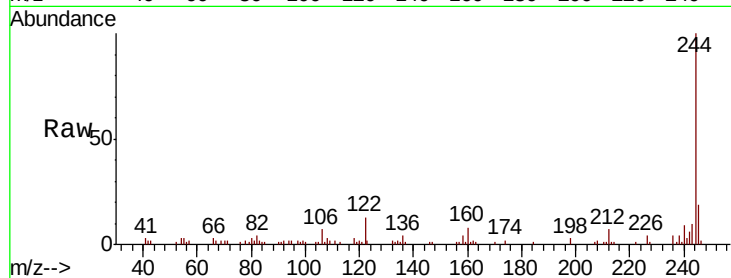
Tot Ion:244 Resp: 36165

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

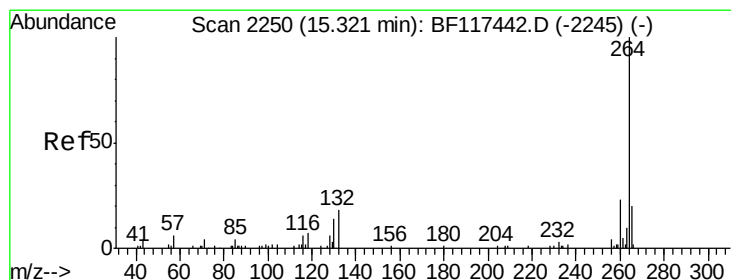
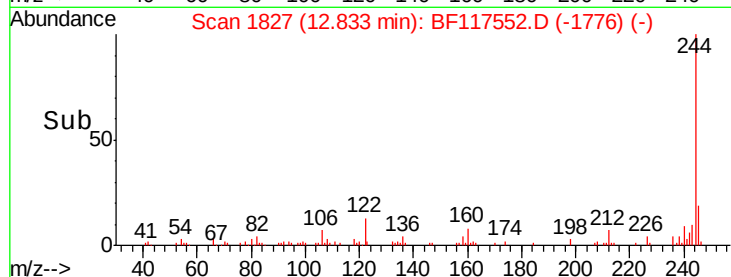
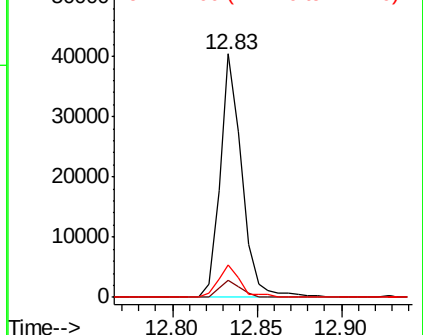
122 13.1 11.8 17.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.02 min

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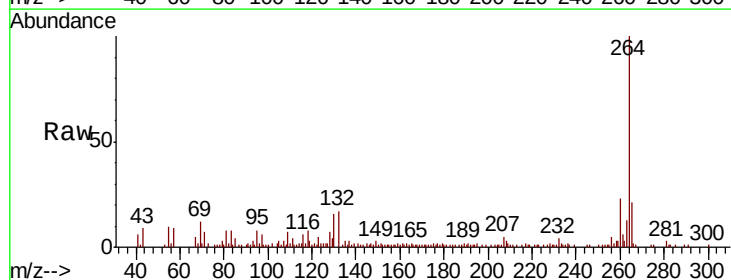
Tgt Ion:264 Resp: 51502

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.2 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

