

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117500.D
 Acq On : 23 Oct 2019 22:57
 Operator : JU
 Sample : K5497-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 170-48-(0-1)

Quant Time: Oct 24 09:09:47 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

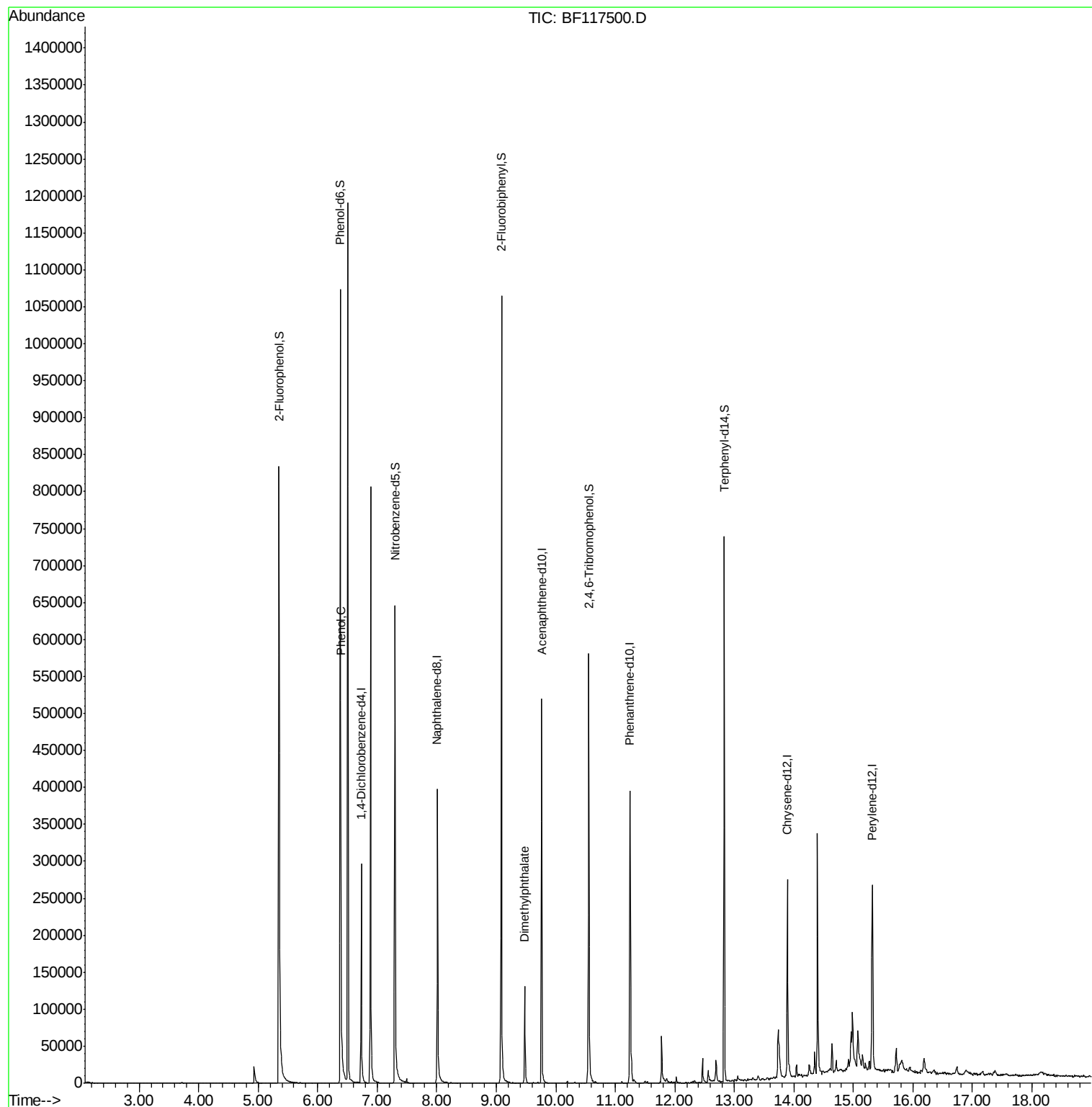
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	50650	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	205135	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	103282	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	162572	20.00	ng	0.00
76) Chrysene-d12	13.89	240	93214	20.00	ng	0.00
87) Perylene-d12	15.32	264	106045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	278819	81.90	ng	0.00
7) Phenol-d6	6.38	99	390575	85.41	ng	0.00
23) Nitrobenzene-d5	7.30	82	244184	58.77	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	69530	77.80	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	323082	44.08	ng	0.00
79) Terphenyl-d14	12.83	244	233347	40.83	ng	0.00
Target Compounds						
10) Phenol	6.39	94	10707	2.294	ng	87
50) Dimethylphthalate	9.48	163	52981	7.196	ng	99

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

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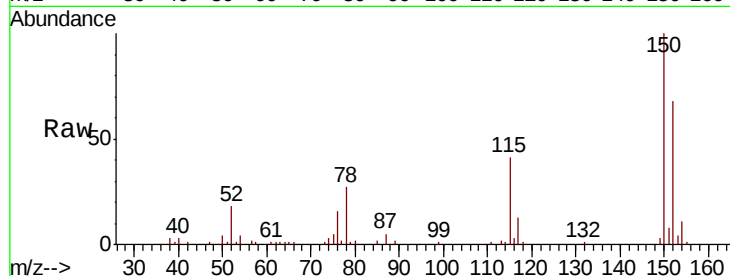


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117500.D
Acq: 23 Oct 2019 22:57

Instrument :
BNA_F
ClientSampleId :
170-48-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	126.8	190.2
115	60.6	51.6	77.4

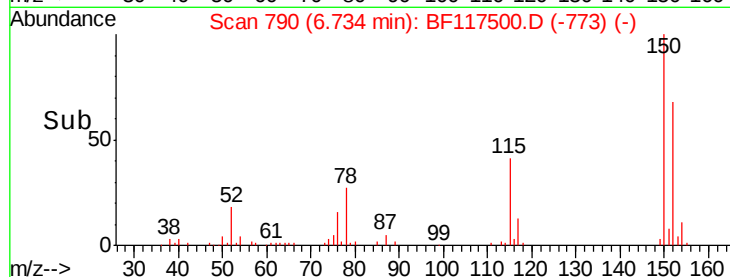
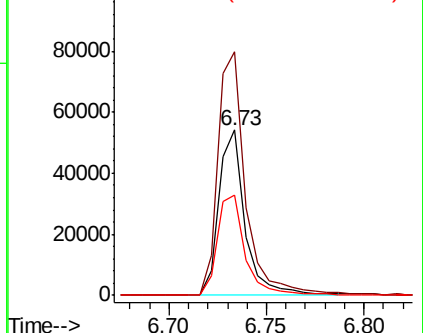


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

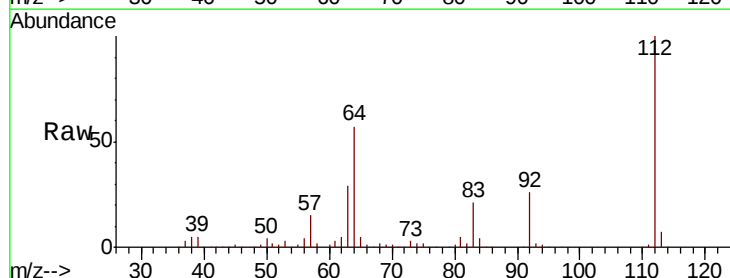
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.895 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117500.D
Acq: 23 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.1	66.1
63	29.3	23.4	35.2

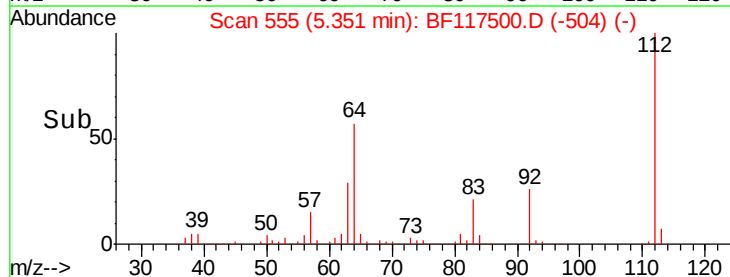
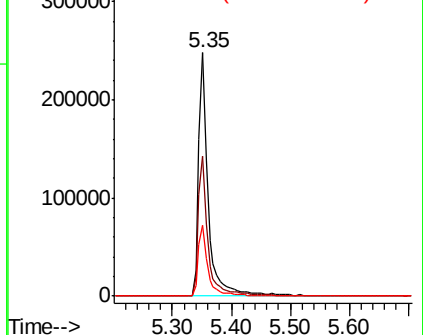


Abundance

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: 85.414 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117500.D

Acq: 23 Oct 2019 22:57

Instrument :

BNA_F

ClientSampleId :

170-48-(0-1)

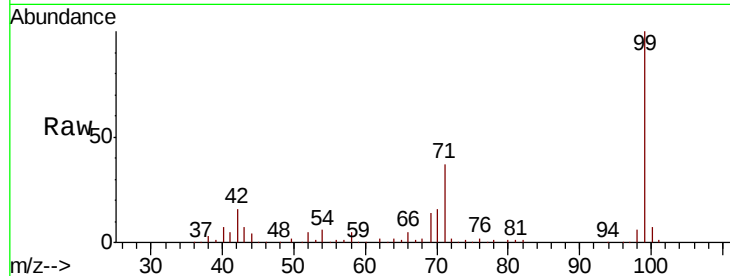
Tot Ion: 99 Resp: 390575

Ion Ratio Lower Upper

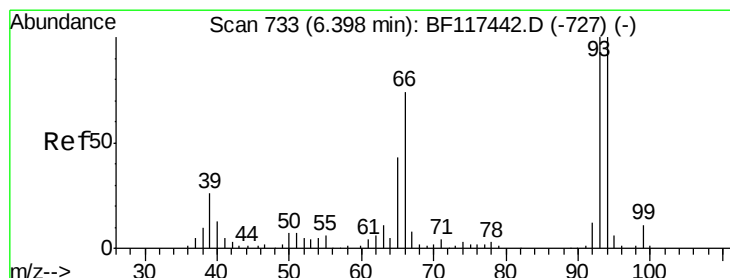
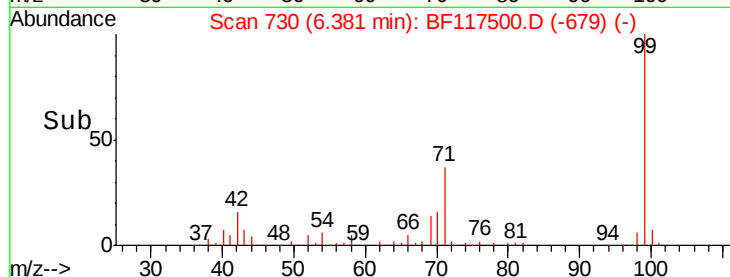
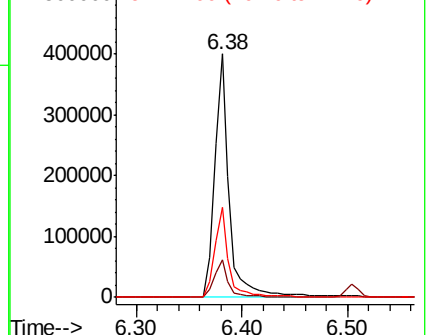
99 100

42 15.5 12.8 19.2

71 36.7 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



#10

Phenol

Concen: 2.294 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117500.D

Acq: 23 Oct 2019 22:57

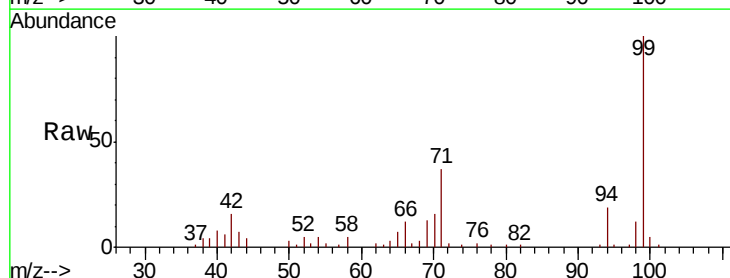
Tgt Ion: 94 Resp: 10707

Ion Ratio Lower Upper

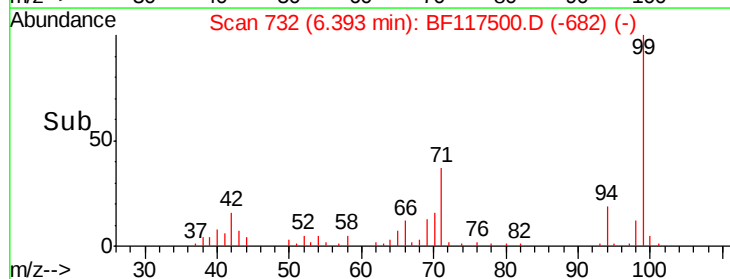
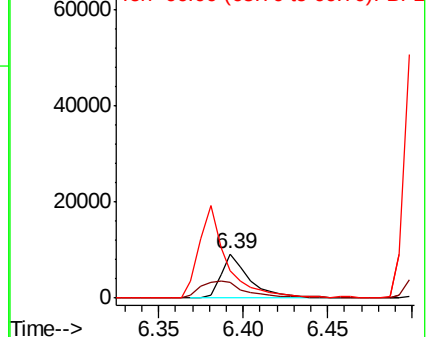
94 100

65 35.0 23.4 63.4

66 63.5 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

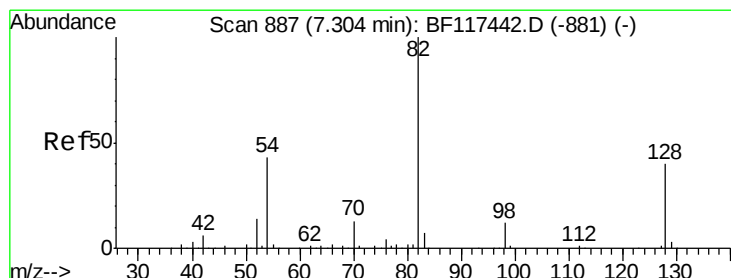
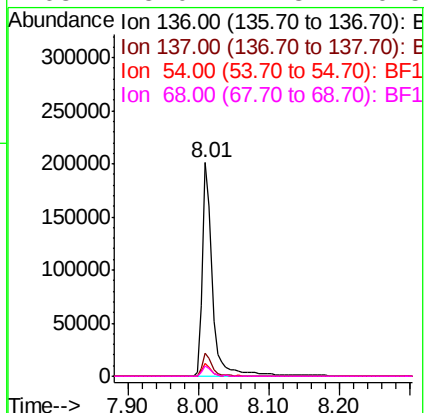
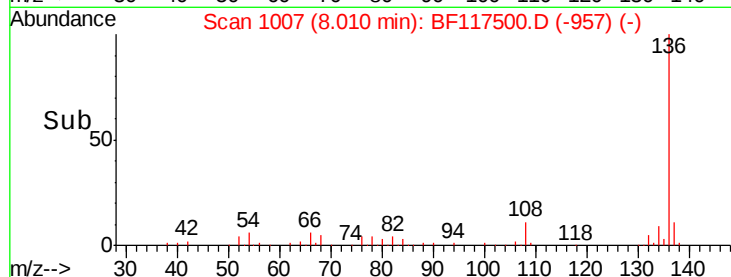
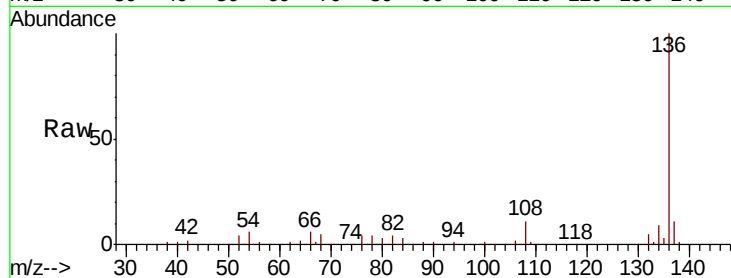




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117500.D
Acq: 23 Oct 2019 22:57

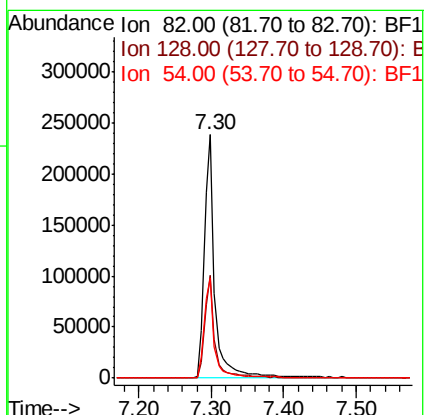
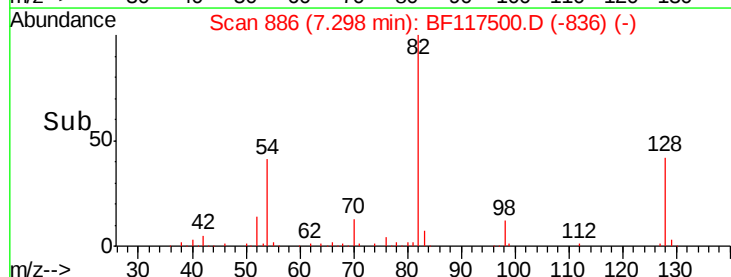
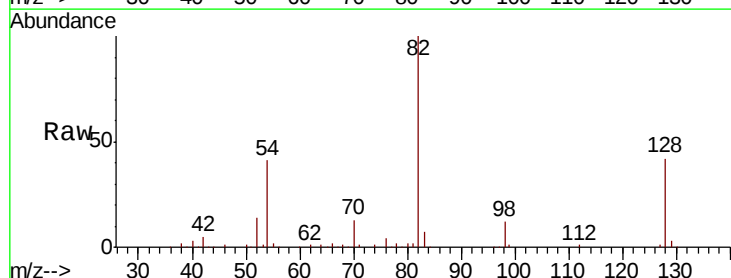
Instrument :
BNA_F
ClientSampleId :
170-48-(0-1)

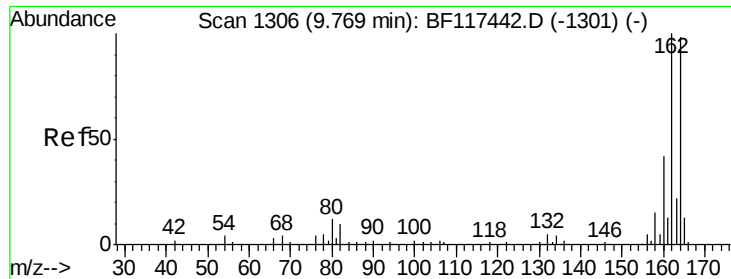
Tot Ion:136	Resp:	205135
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.2 12.4
54	5.9	4.5 6.7
68	5.0	4.3 6.5



#23
Nitrobenzene-d5
Concen: 58.765 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117500.D
Acq: 23 Oct 2019 22:57

Tgt Ion: 82	Resp:	244184
Ion	Ratio	Lower Upper
82	100	
128	42.4	32.2 48.2
54	41.4	34.2 51.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117500.D

Acq: 23 Oct 2019 22:57

Instrument :

BNA_F

ClientSampleId :

170-48-(0-1)

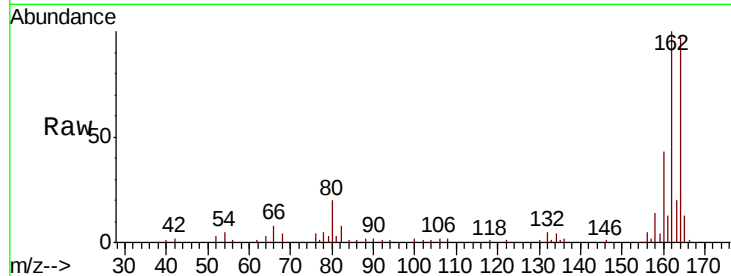
Tot Ion:164 Resp: 103282

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

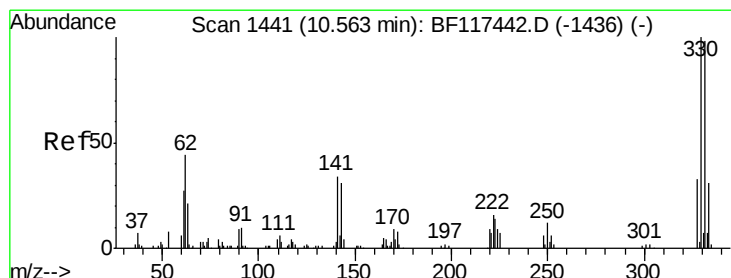
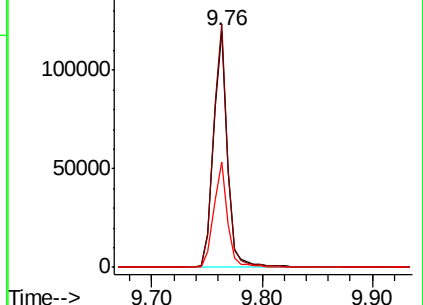
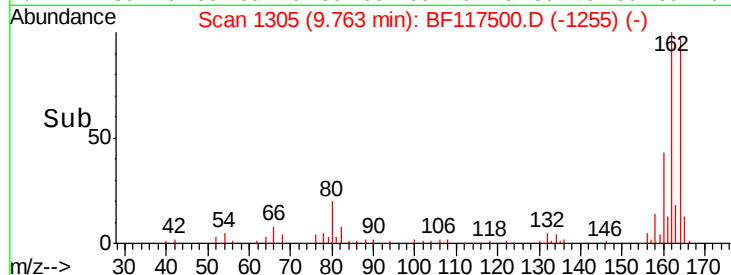
160 44.4 34.4 51.6



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: 77.804 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117500.D

Acq: 23 Oct 2019 22:57

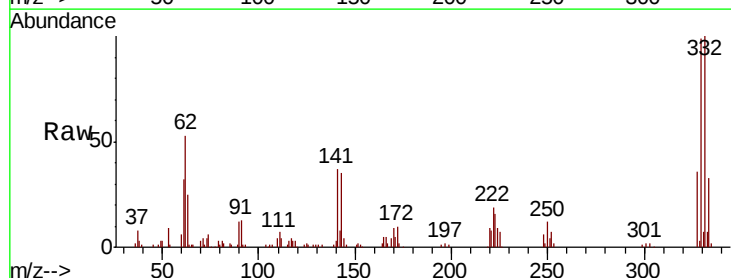
Tgt Ion:330 Resp: 69530

Ion Ratio Lower Upper

330 100

332 97.4 78.5 117.7

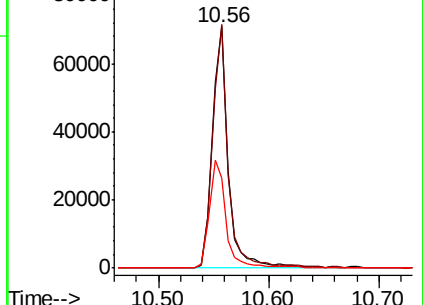
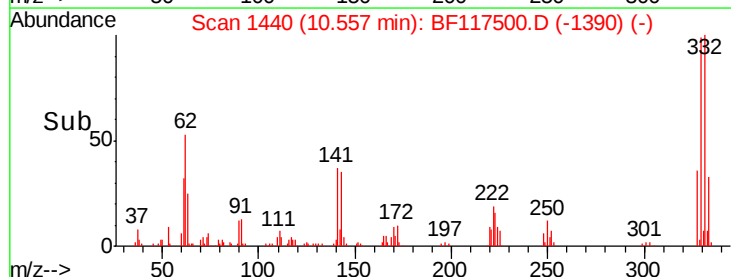
141 46.2 37.0 55.6



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

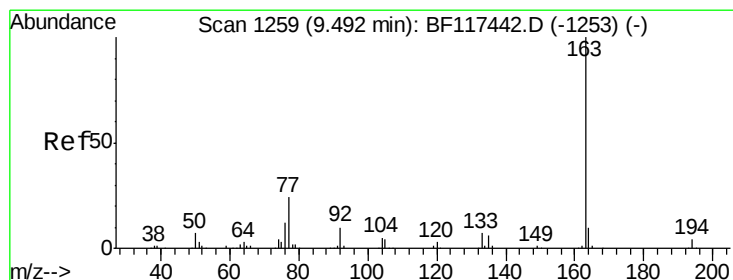
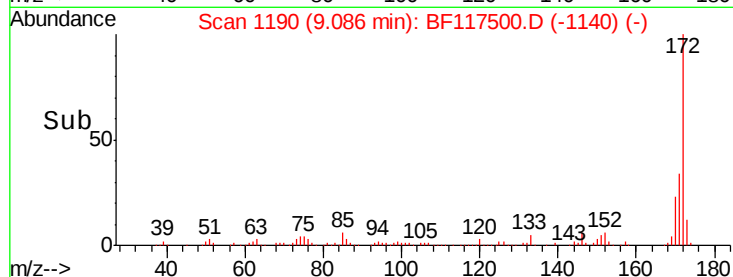
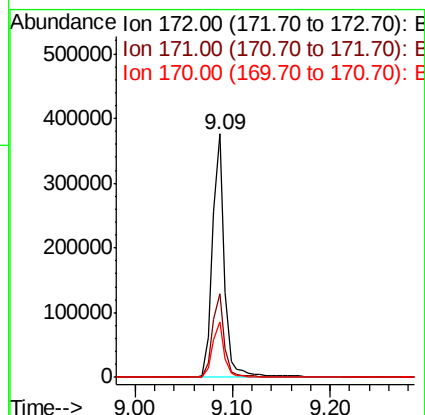
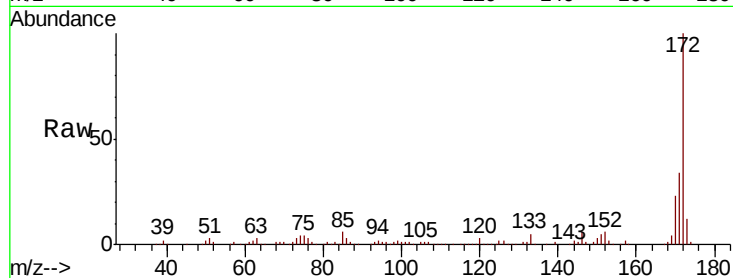




#45
2-Fluorobiphenyl
Concen: 44.075 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117500.D
Acq: 23 Oct 2019 22:57

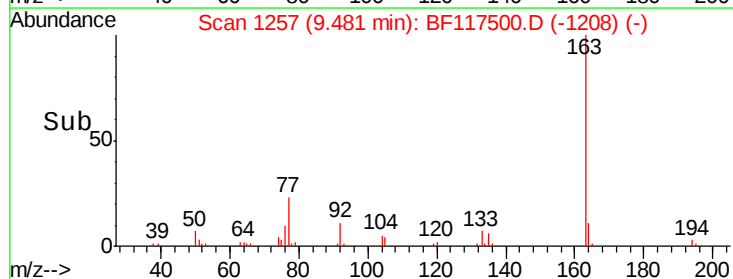
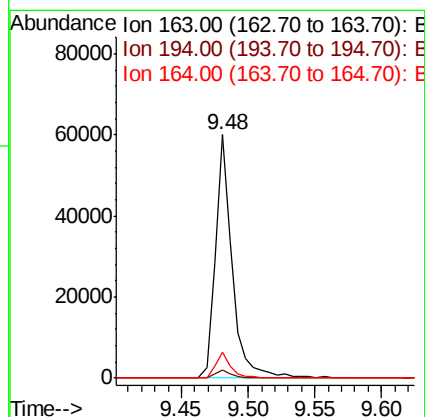
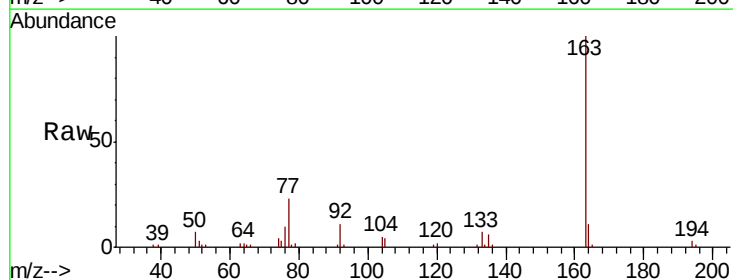
Instrument :
BNA_F
ClientSampleId :
170-48-(0-1)

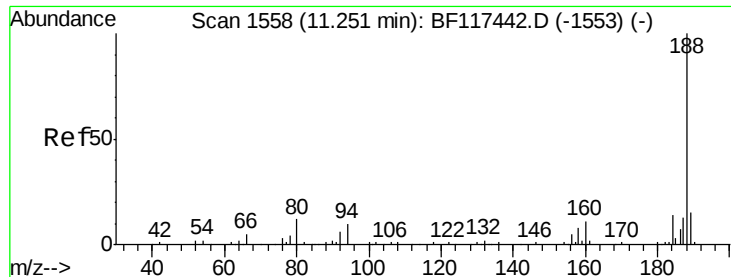
Tot Ion:172 Resp: 323082
Ion Ratio Lower Upper
172 100
171 34.1 27.5 41.3
170 22.5 18.6 27.8



#50
Dimethylphthalate
Concen: 7.196 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117500.D
Acq: 23 Oct 2019 22:57

Tgt Ion:163 Resp: 52981
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.8 8.2 12.2

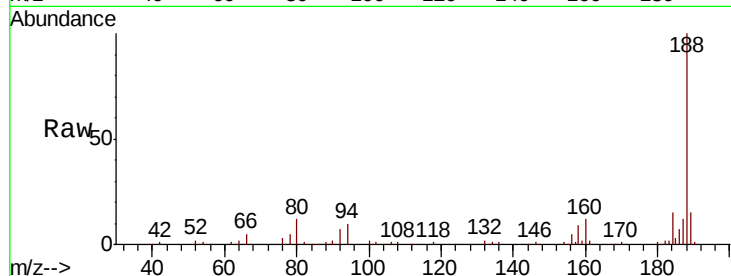




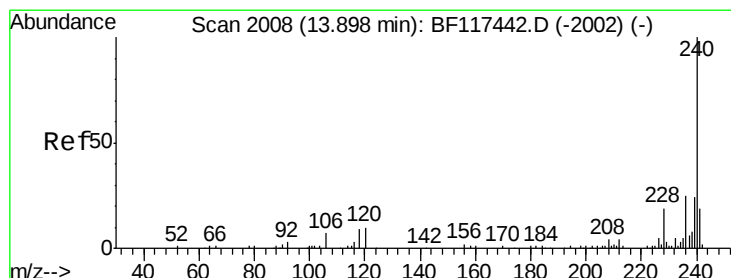
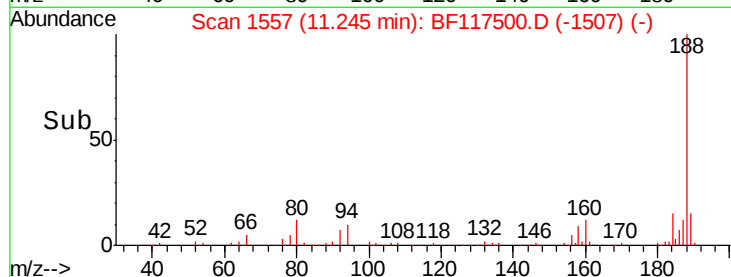
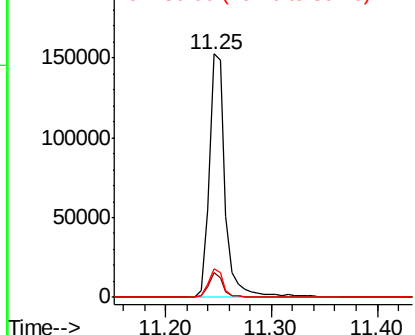
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117500.D
Acq: 23 Oct 2019 22:57

Instrument :
BNA_F
ClientSampleId :
170-48-(0-1)

Tot Ion:188 Resp: 162572
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 11.9 9.5 14.3

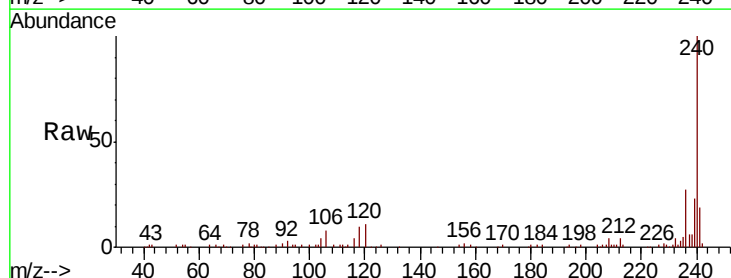


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

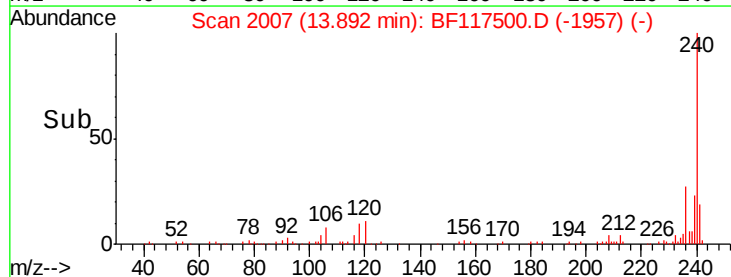
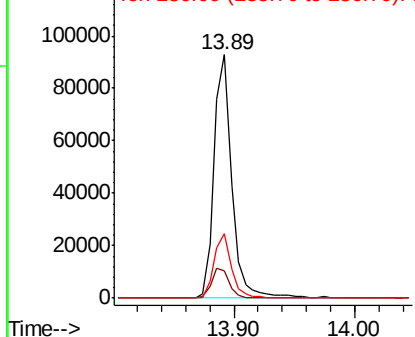


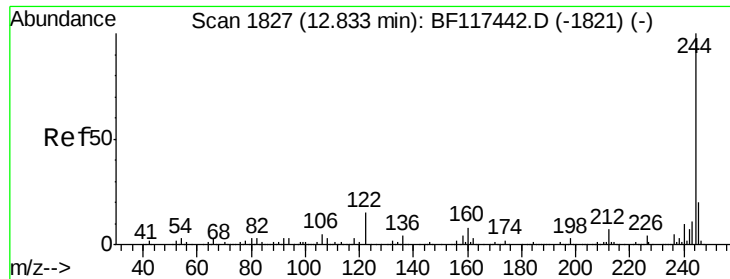
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117500.D
Acq: 23 Oct 2019 22:57

Tgt Ion:240 Resp: 93214
Ion Ratio Lower Upper
240 100
120 11.2 8.4 12.6
236 26.6 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

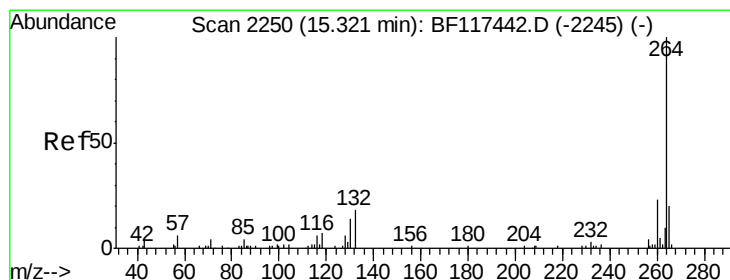
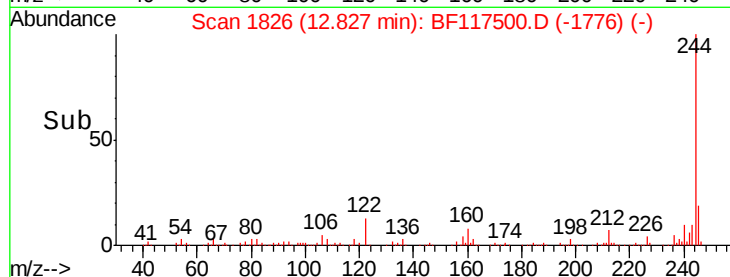
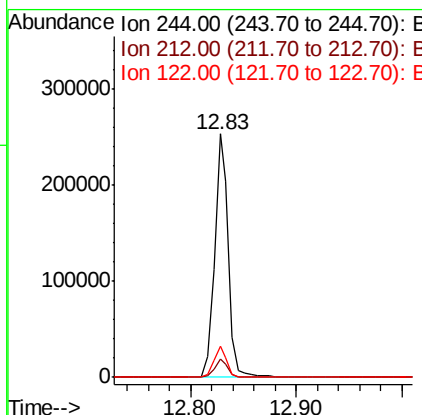
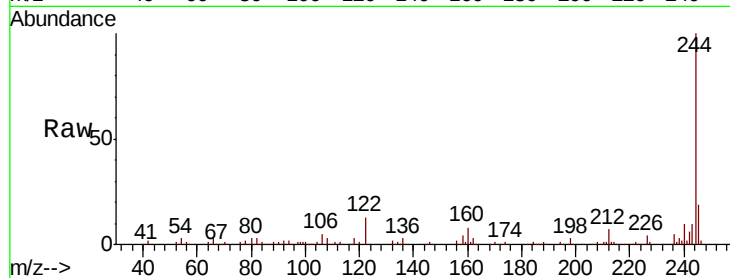




#79
 Terphenyl-d14
 Concen: 40.832 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117500.D
 Acq: 23 Oct 2019 22:57

Instrument :
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 ClientSampleId :
 170-48-(0-1)

Tot Ion:244 Resp: 233347
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 12.9 11.8 17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BF117500.D
 Acq: 23 Oct 2019 22:57

Tgt Ion:264 Resp: 106045
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.4 27.6
 265 20.7 16.1 24.1

