

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117491.D
 Acq On : 23 Oct 2019 18:58
 Operator : JU
 Sample : K5485-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-S

Quant Time: Oct 24 08:51:01 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

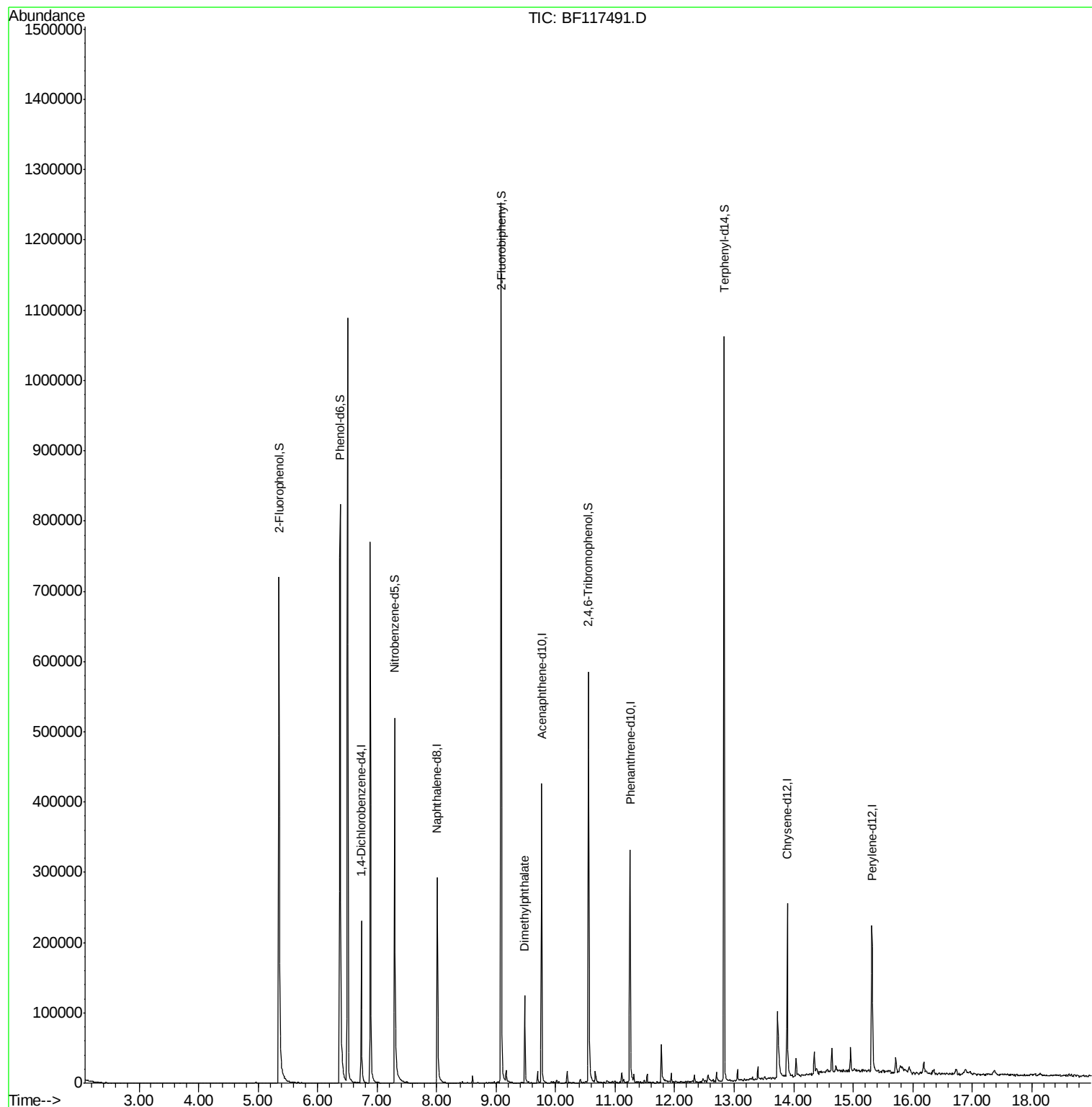
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	40652	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	162823	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	85409	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	143019	20.00	ng	0.00
76) Chrysene-d12	13.89	240	91705	20.00	ng	0.00
87) Perylene-d12	15.32	264	90597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	245489	89.84	ng	0.00
7) Phenol-d6	6.38	99	337887	92.06	ng	0.00
23) Nitrobenzene-d5	7.30	82	208950	63.35	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	69355	93.85	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	365445	60.29	ng	0.00
79) Terphenyl-d14	12.83	244	368309	65.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	49856	8.188	ng	99

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

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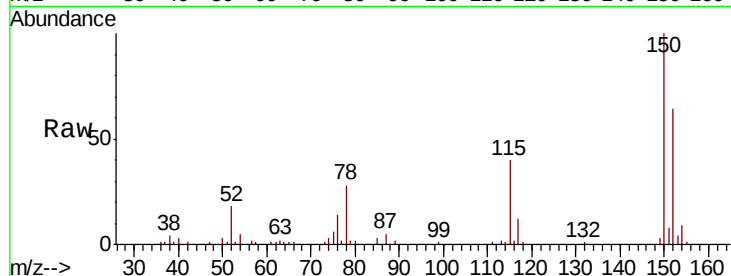


#1

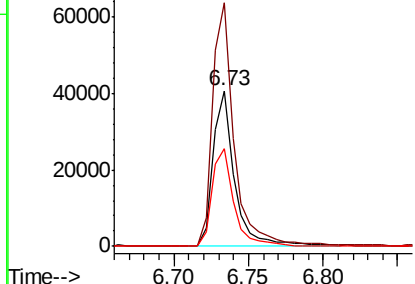
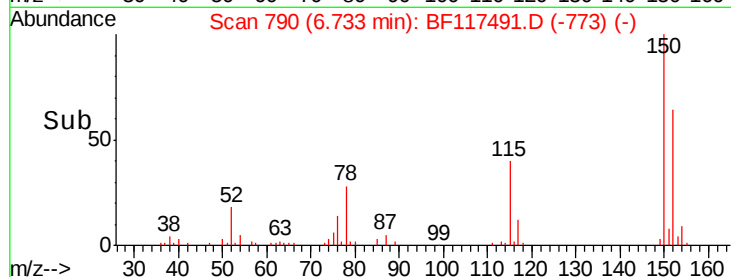
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Instrument :
BNA_F
ClientSampleId :
TP-23-S

Tot Ion:152 Resp: 40652
Ion Ratio Lower Upper
152 100
150 156.6 126.8 190.2
115 62.5 51.6 77.4



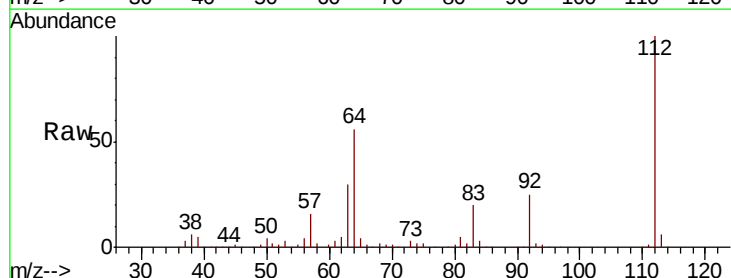
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



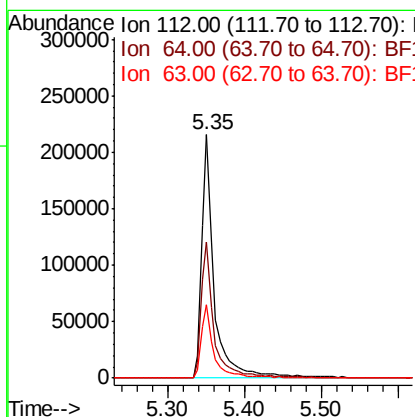
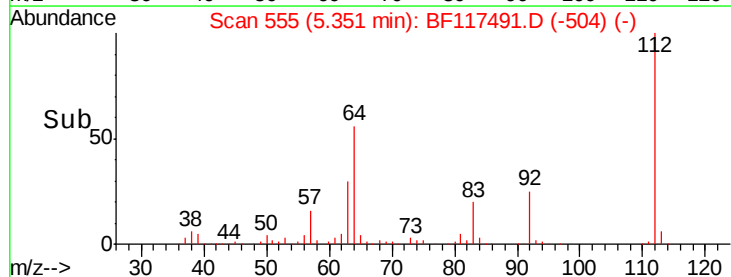
#5

2-Fluorophenol
Concen: 89.839 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion:112 Resp: 245489
Ion Ratio Lower Upper
112 100
64 56.1 44.1 66.1
63 30.3 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: 92.065 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117491.D

Acq: 23 Oct 2019 18:58

Instrument :

BNA_F

ClientSampleId :

TP-23-S

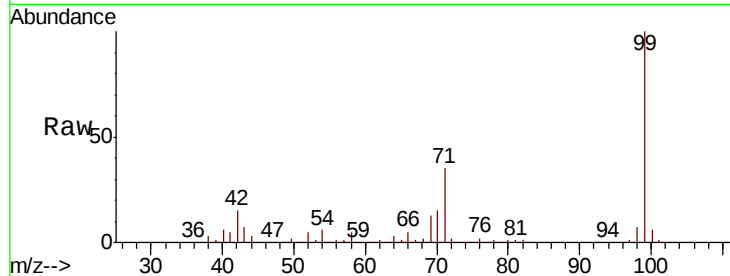
Tot Ion: 99 Resp: 337887

Ion Ratio Lower Upper

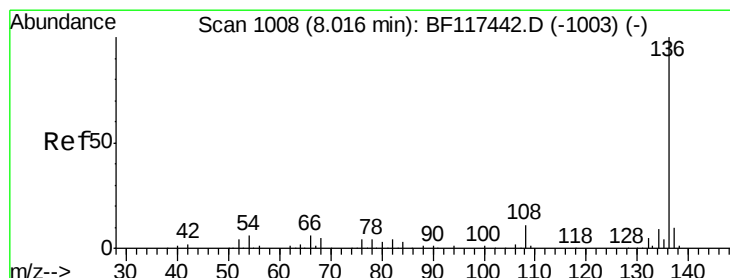
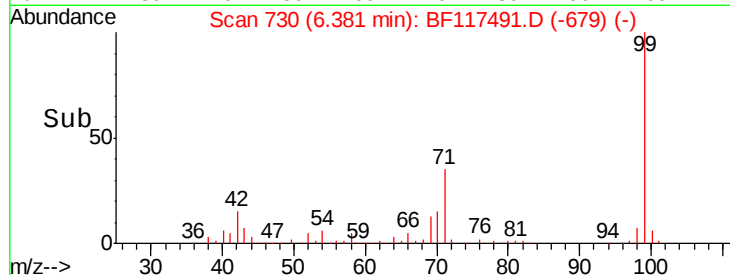
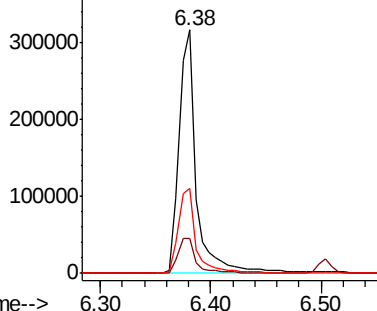
99 100

42 14.6 12.8 19.2

71 34.9 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117491.D

Acq: 23 Oct 2019 18:58

Tgt Ion: 136 Resp: 162823

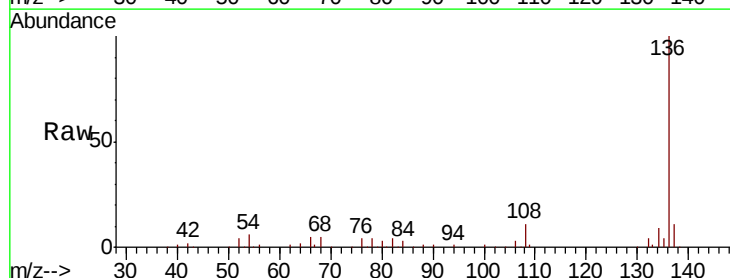
Ion Ratio Lower Upper

136 100

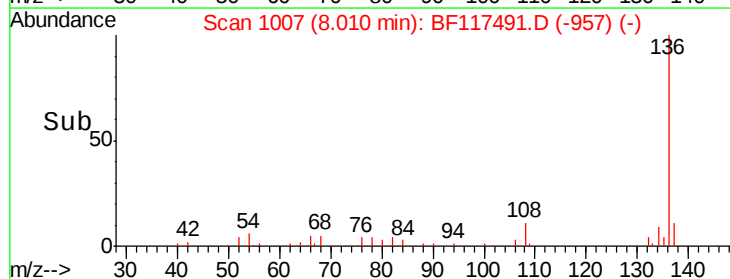
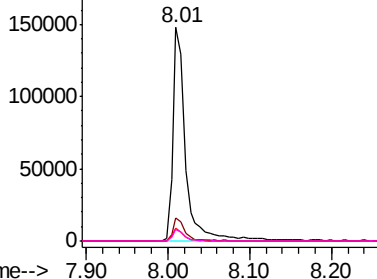
137 10.6 8.2 12.4

54 6.0 4.5 6.7

68 5.4 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

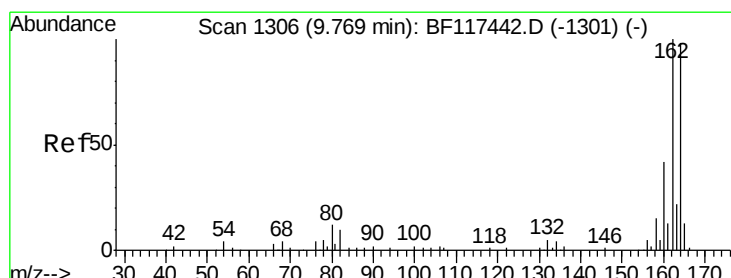
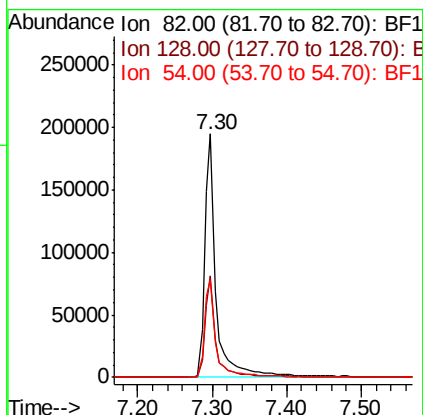
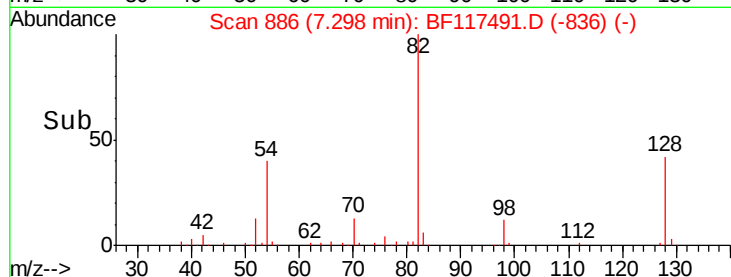
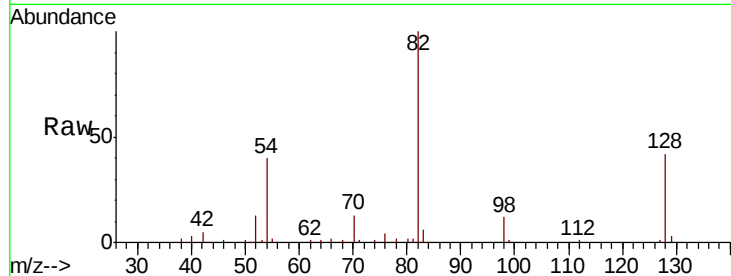




#23
Nitrobenzene-d5
Concen: 63.354 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

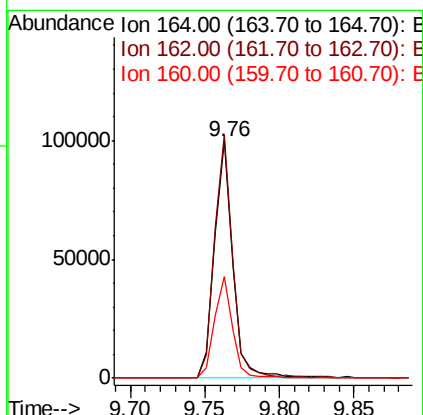
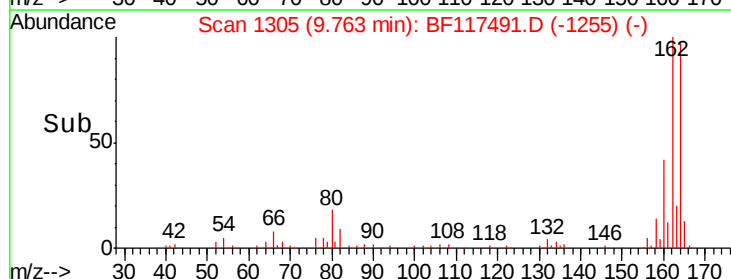
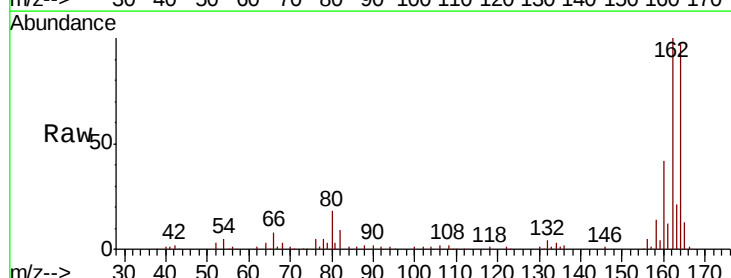
Instrument :
BNA_F
ClientSampleId :
TP-23-S

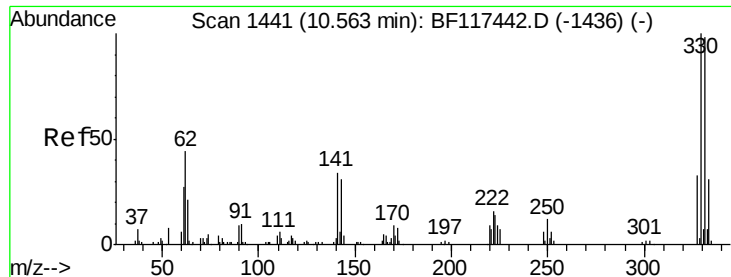
Tot Ion	82	Resp	208950
Ion Ratio	100	Lower	Upper
128	41.9	32.2	48.2
54	40.0	34.2	51.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion	164	Resp	85409
Ion Ratio	100	Lower	Upper
162	102.7	81.8	122.6
160	42.7	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 93.849 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117491.D

Acq: 23 Oct 2019 18:58

Instrument :

BNA_F

ClientSampleId :

TP-23-S

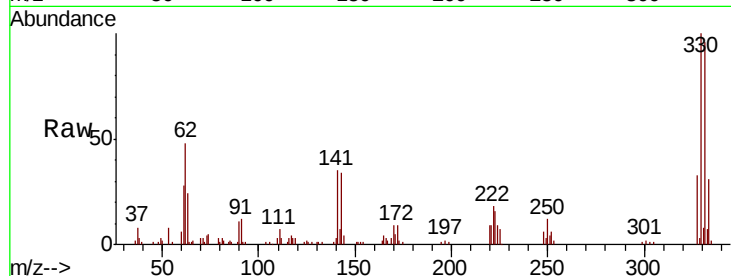
Tot Ion:330 Resp: 69355

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

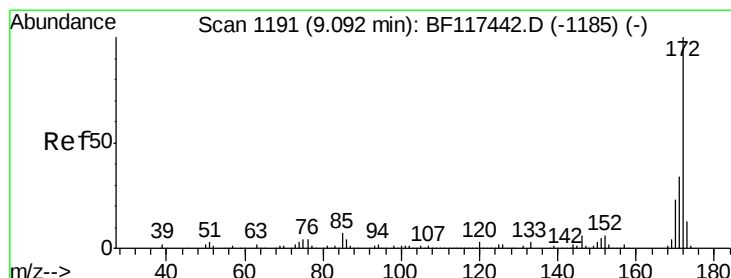
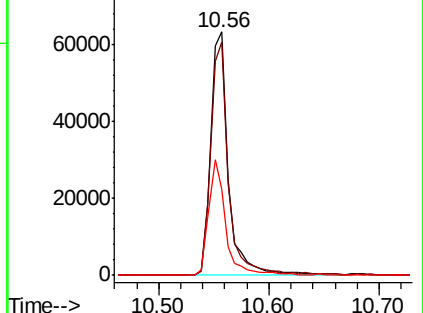
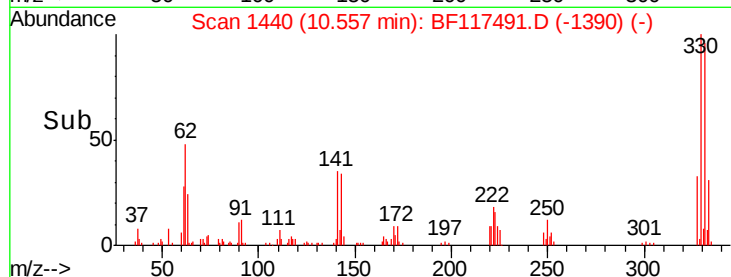
141 44.6 37.0 55.6



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: 60.287 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117491.D

Acq: 23 Oct 2019 18:58

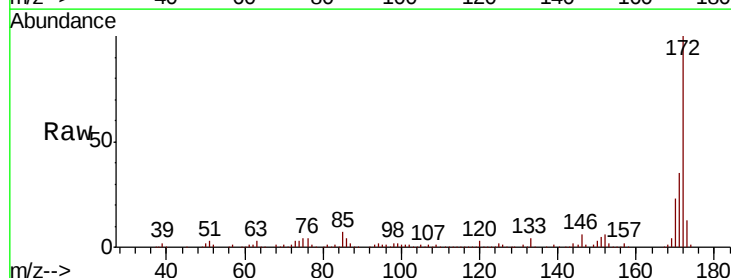
Tgt Ion:172 Resp: 365445

Ion Ratio Lower Upper

172 100

171 35.2 27.5 41.3

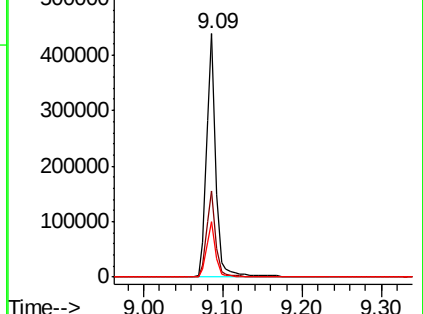
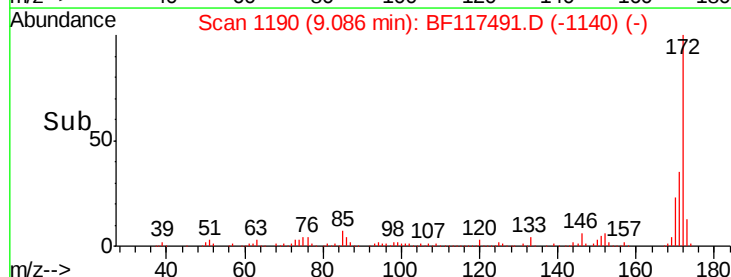
170 22.9 18.6 27.8



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

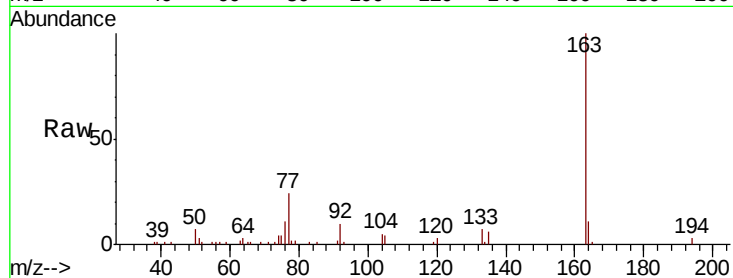




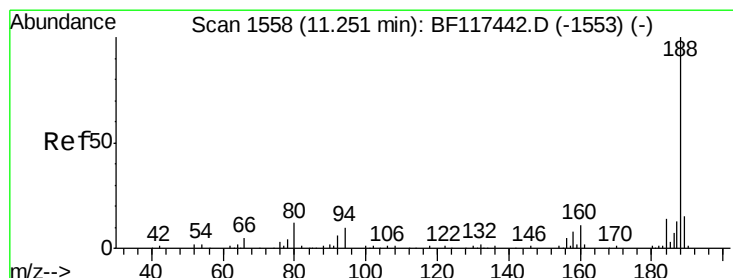
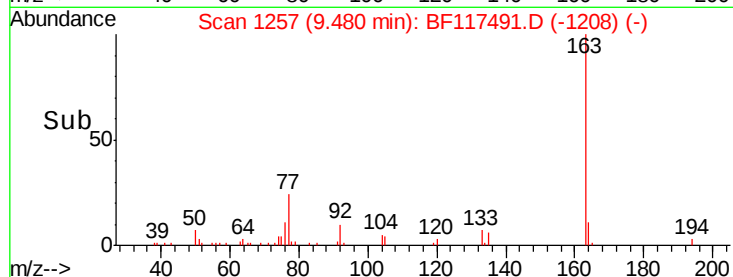
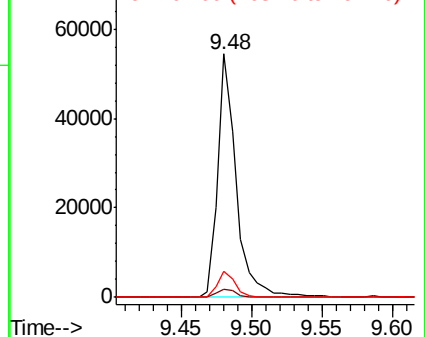
#50
 Dimethylphthalate
 Concen: 8.188 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117491.D
 Acq: 23 Oct 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-S

Tot Ion:163 Resp: 49856
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.9 4.3
 164 10.6 8.2 12.2

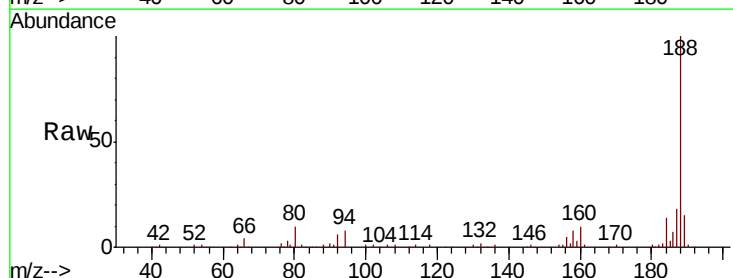


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

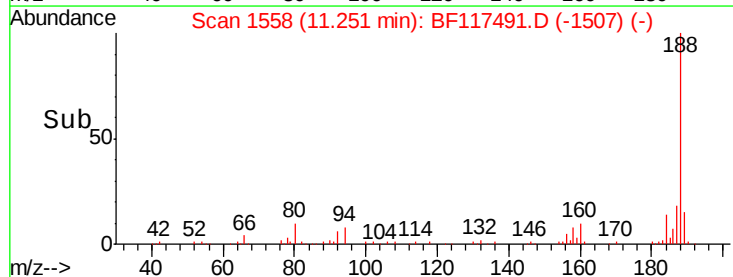
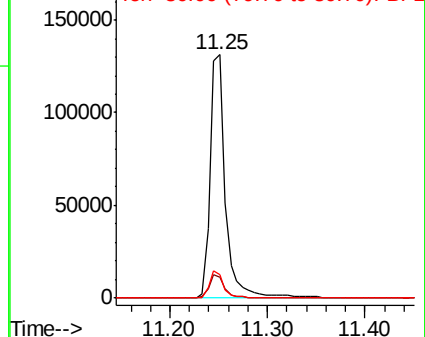


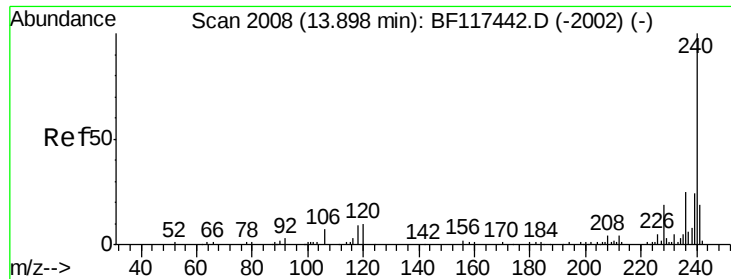
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF117491.D
 Acq: 23 Oct 2019 18:58

Tgt Ion:188 Resp: 143019
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.0 12.0
 80 9.7 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

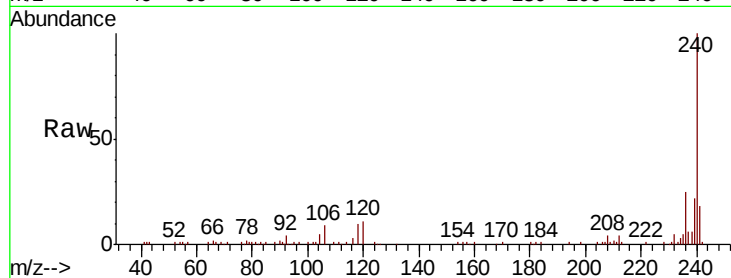




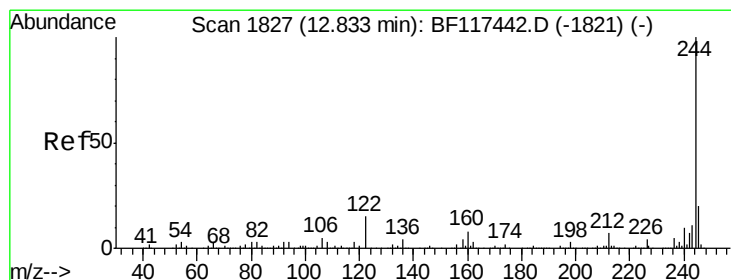
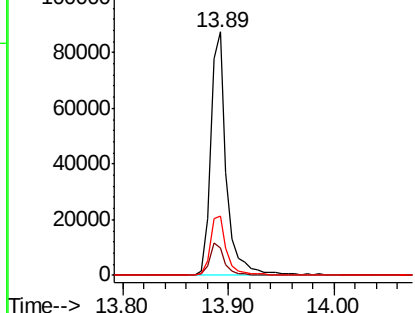
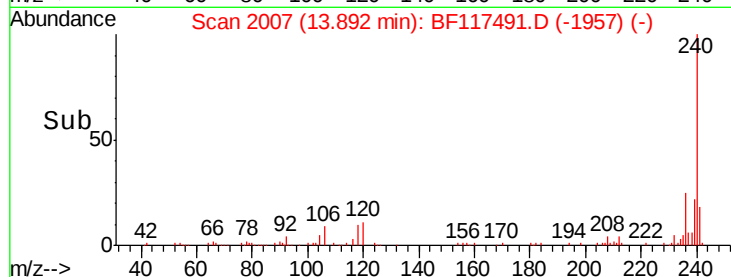
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117491.D
 Acq: 23 Oct 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	24.6	20.0	30.0

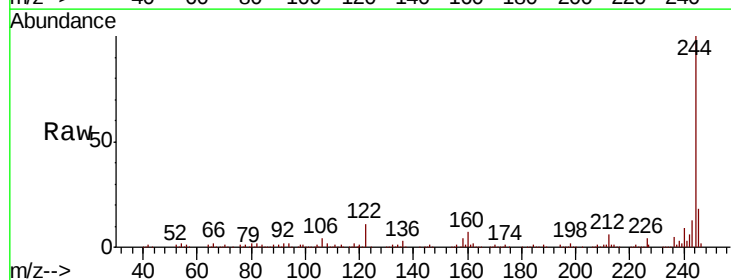


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

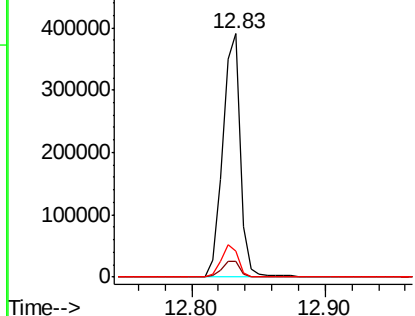
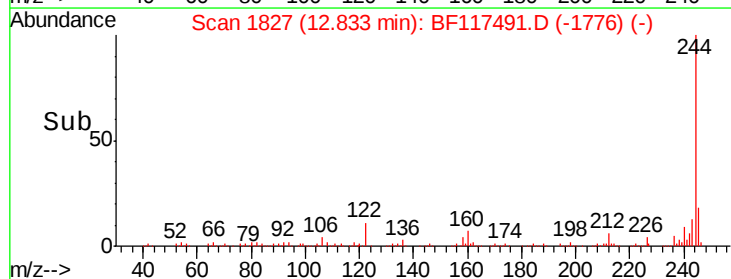


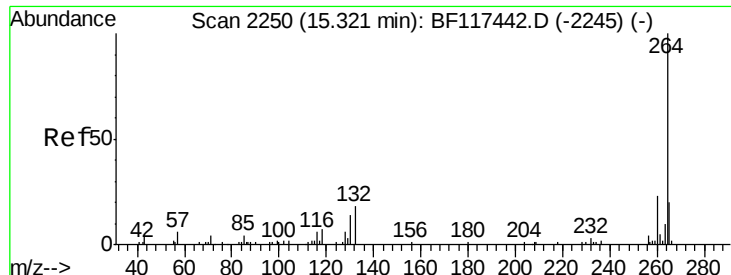
#79
 Terphenyl-d14
 Concen: 65.509 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117491.D
 Acq: 23 Oct 2019 18:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	10.8	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# 2249
 Delta R.T. -0.01 min
 Lab File: BF117491.D
 Acq: 23 Oct 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	22.1	16.1	24.1

