

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117477.D
 Acq On : 22 Oct 2019 14:39
 Operator : JU
 Sample : PB124054BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124054BL

Quant Time: Oct 22 16:14:40 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	56509	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	221489	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	119898	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	209839	20.00	ng	0.00
76) Chrysene-d12	13.89	240	162944	20.00	ng	0.00
87) Perylene-d12	15.33	264	143868	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	509368	134.10	ng	0.02
7) Phenol-d6	6.39	99	683708	134.02	ng	0.00
23) Nitrobenzene-d5	7.30	82	432491	96.40	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	153039	147.52	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	798420	93.83	ng	0.00
79) Terphenyl-d14	12.84	244	905107	90.60	ng	0.00

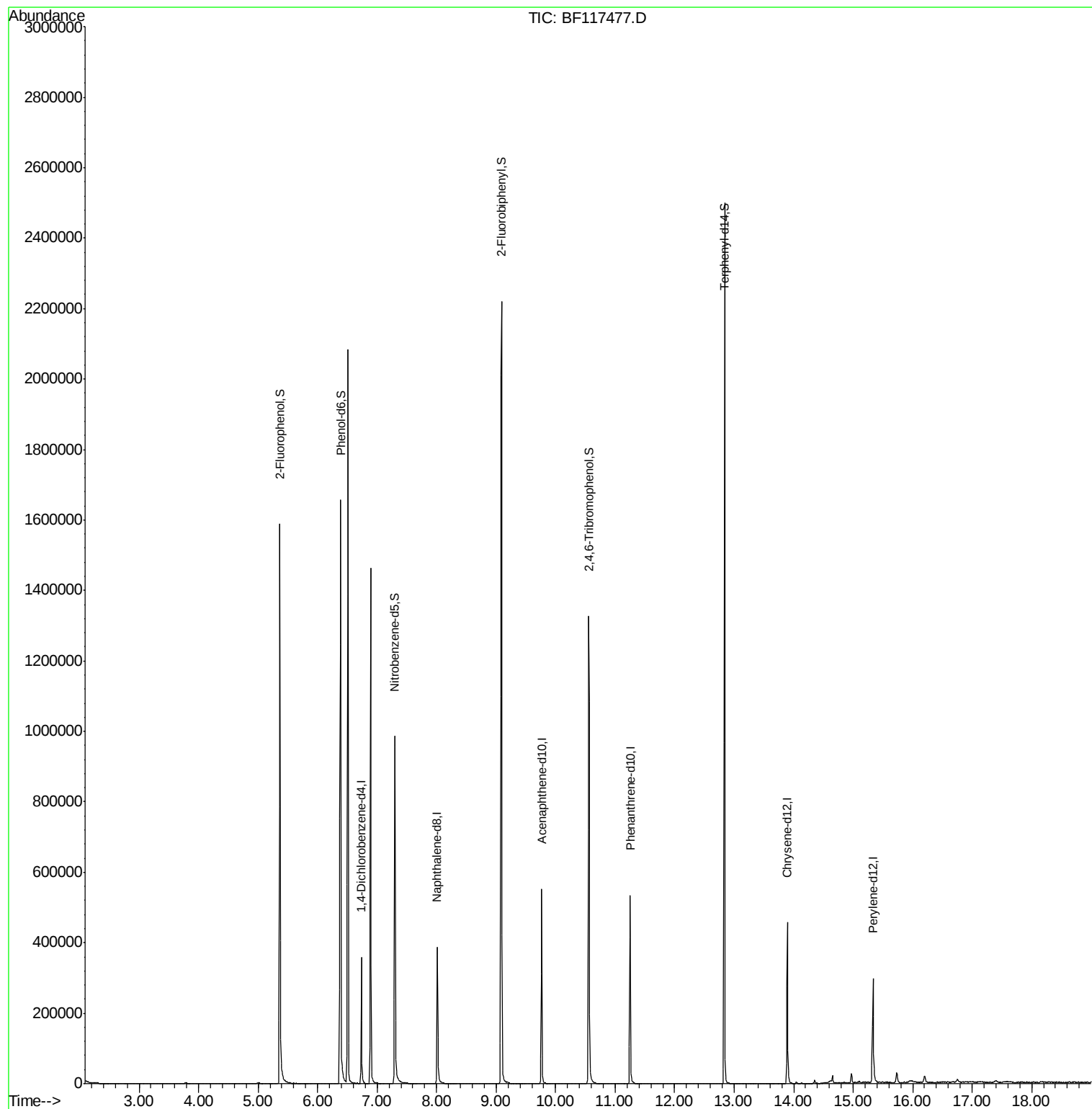
Target Compounds Qvalue

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

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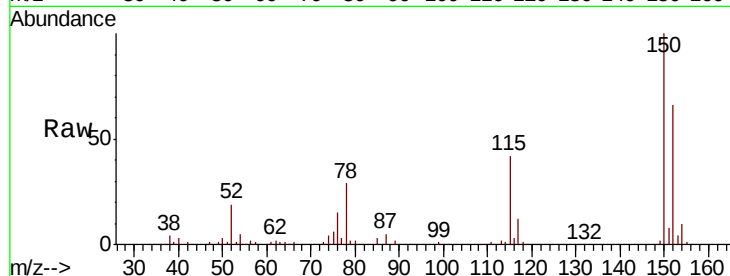


#1

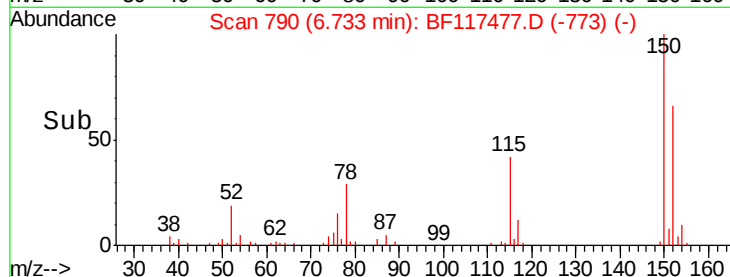
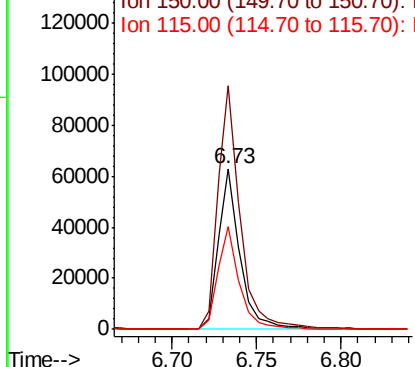
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117477.D
Acq: 22 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
PB124054BL

Tot Ion:152 Resp: 56509
Ion Ratio Lower Upper
152 100
150 151.8 126.8 190.2
115 64.3 51.6 77.4



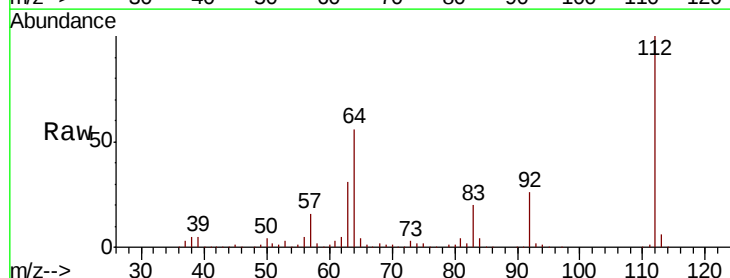
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



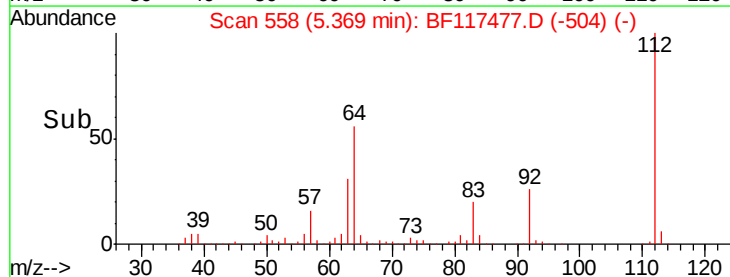
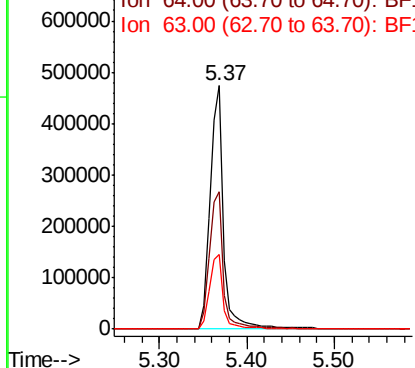
#5

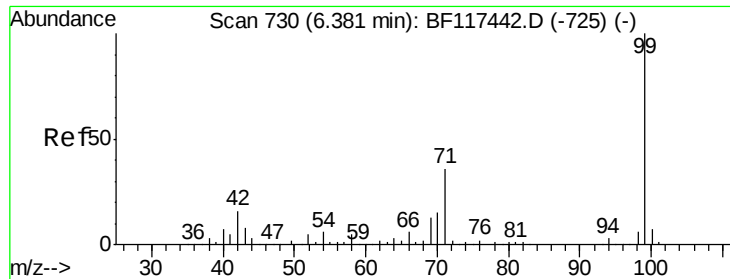
2-Fluorophenol
Concen: 134.101 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117477.D
Acq: 22 Oct 2019 14:39

Tgt Ion:112 Resp: 509368
Ion Ratio Lower Upper
112 100
64 56.4 44.1 66.1
63 30.6 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: 134.016 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117477.D

Acq: 22 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

PB124054BL

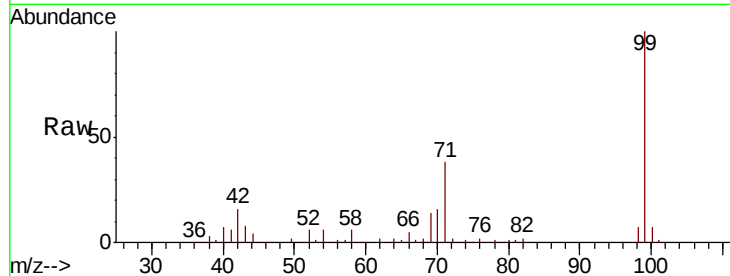
Tot Ion: 99 Resp: 683708

Ion Ratio Lower Upper

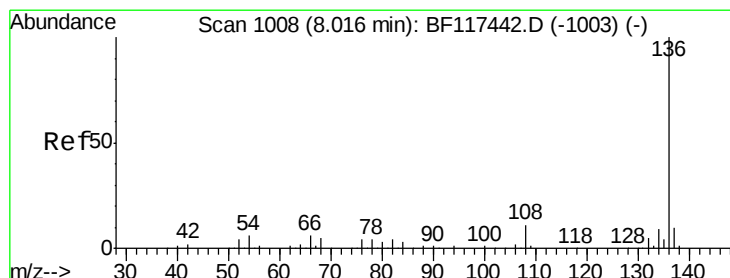
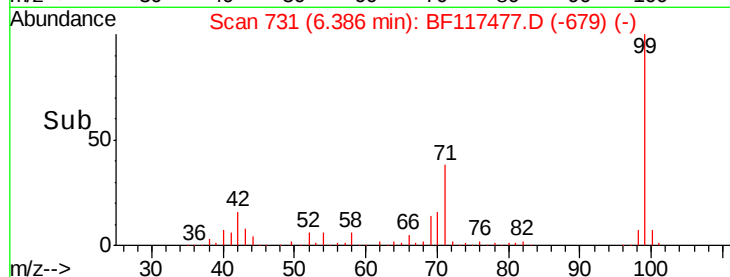
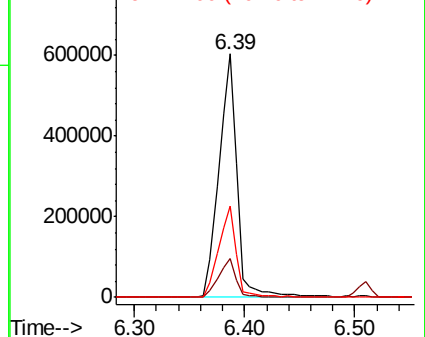
99 100

42 16.2 12.8 19.2

71 37.6 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117477.D

Acq: 22 Oct 2019 14:39

Tgt Ion: 136 Resp: 221489

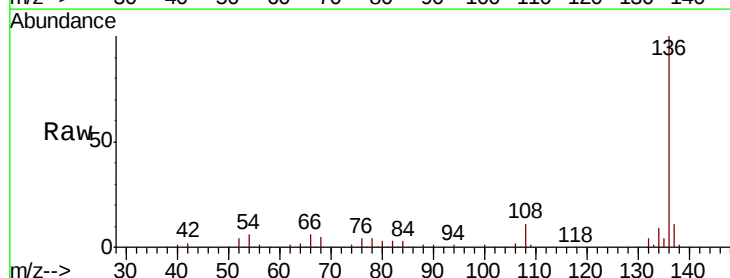
Ion Ratio Lower Upper

136 100

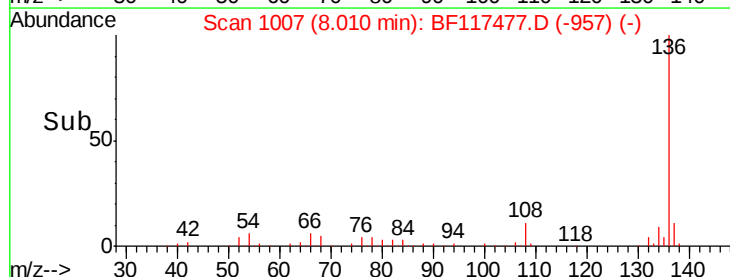
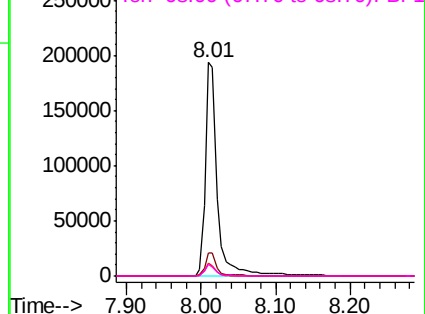
137 10.9 8.2 12.4

54 6.1 4.5 6.7

68 5.5 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

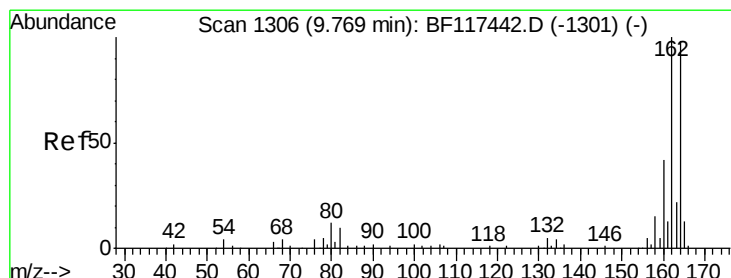
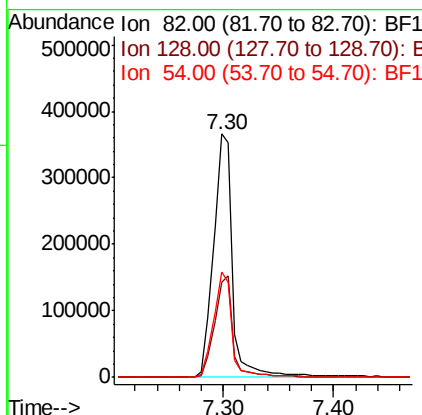
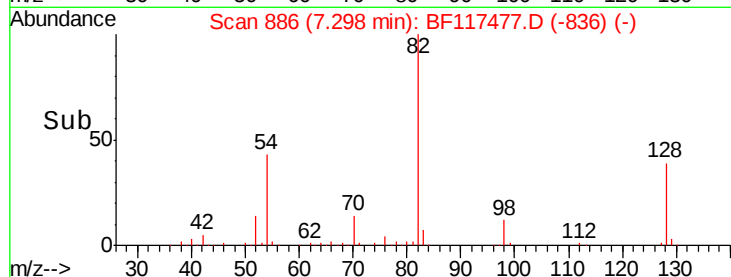
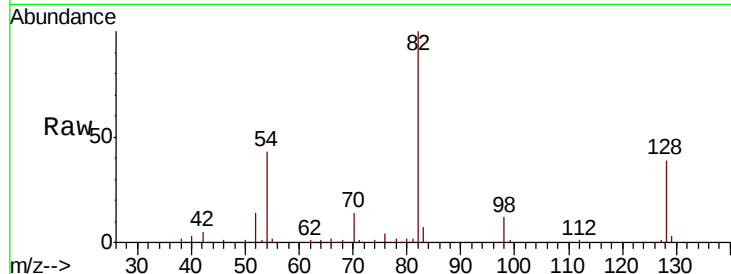




#23
 Nitrobenzene-d5
 Concen: 96.398 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117477.D
 Acq: 22 Oct 2019 14:39

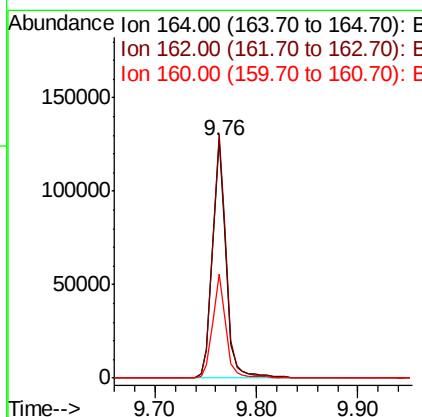
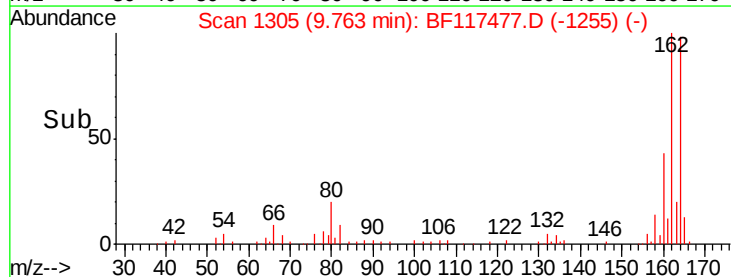
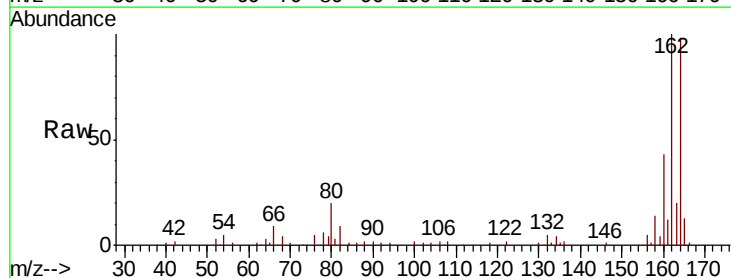
Instrument :
 BNA_F
 ClientSampleId :
 PB124054BL

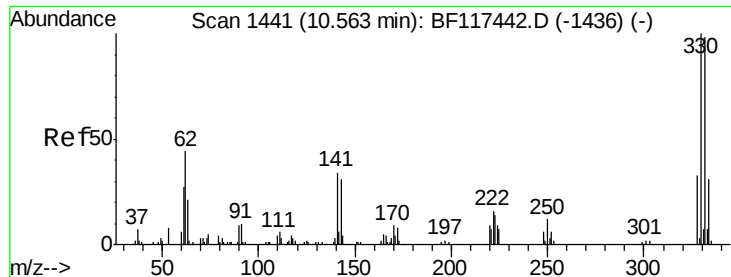
Tot Ion	82	Resp	432491
Ion Ratio	Lower	Upper	
82	100		
128	39.3	32.2	48.2
54	43.1	34.2	51.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117477.D
 Acq: 22 Oct 2019 14:39

Tgt Ion	164	Resp	119898
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.8	122.6
160	43.7	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 147.518 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117477.D

Acq: 22 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

PB124054BL

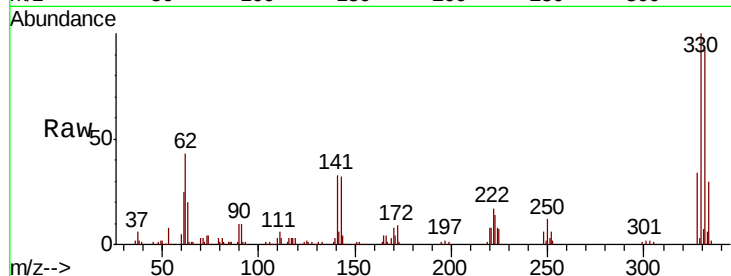
Tot Ion:330 Resp: 153039

Ion Ratio Lower Upper

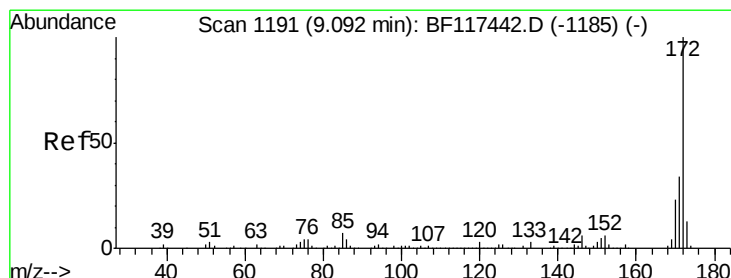
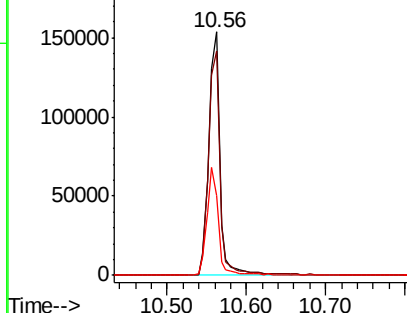
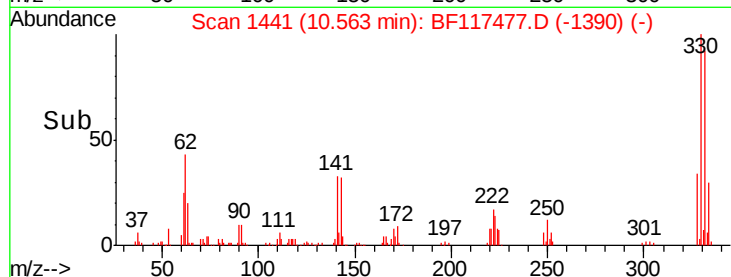
330 100

332 94.3 78.5 117.7

141 45.3 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: 93.827 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF117477.D

Acq: 22 Oct 2019 14:39

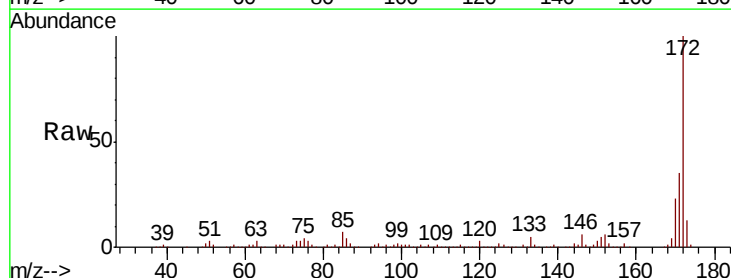
Tgt Ion:172 Resp: 798420

Ion Ratio Lower Upper

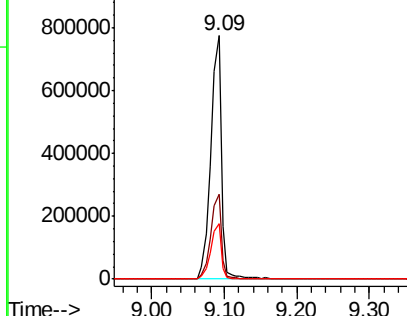
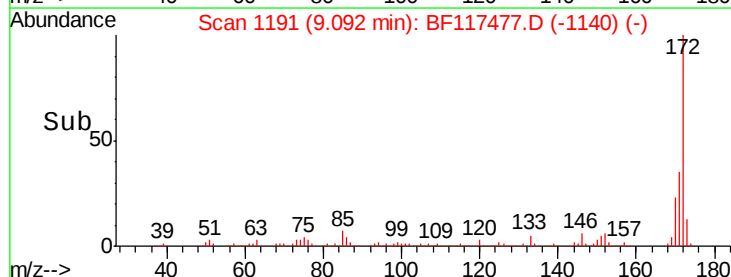
172 100

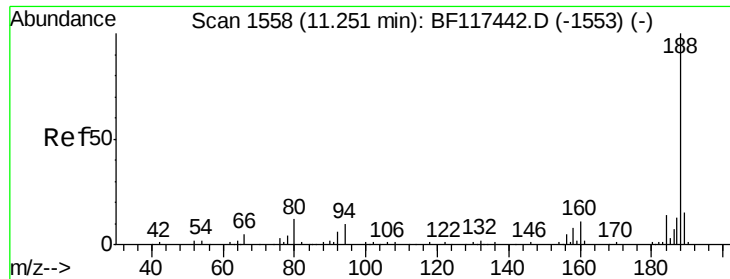
171 35.1 27.5 41.3

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

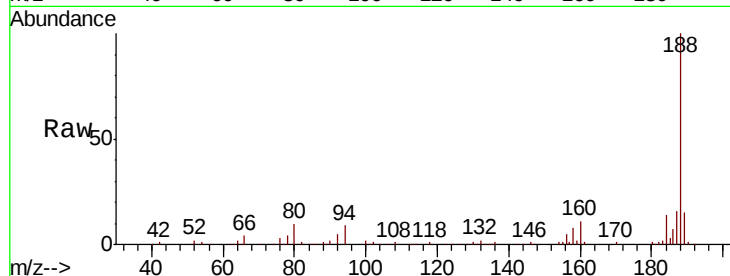




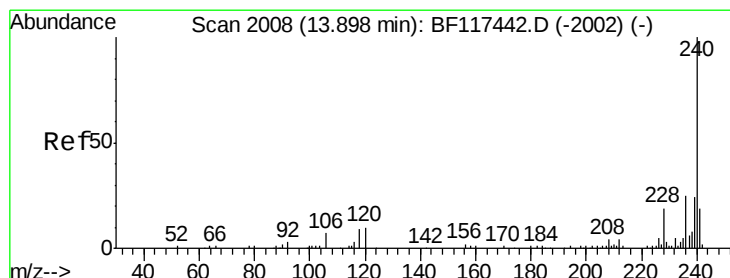
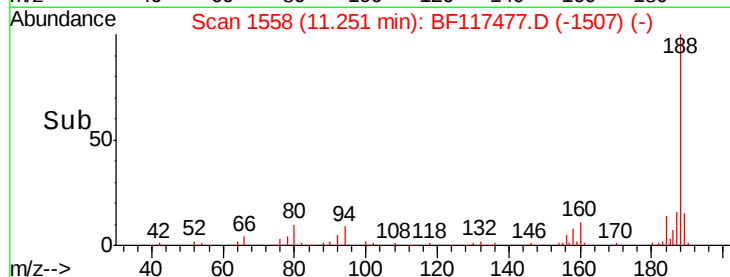
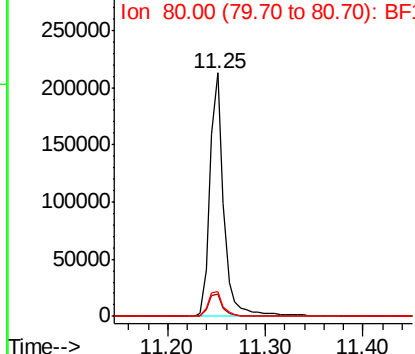
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117477.D
Acq: 22 Oct 2019 14:39

Instrument :
BNA_F
ClientSampled :
PB124054BL

Tot Ion:188 Resp: 209839
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.1 9.5 14.3

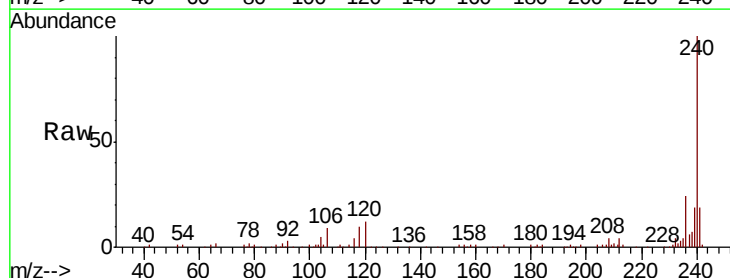


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

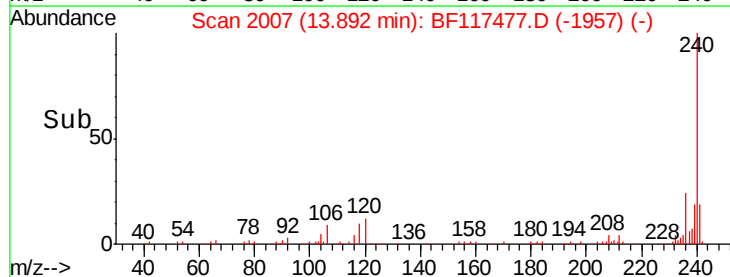
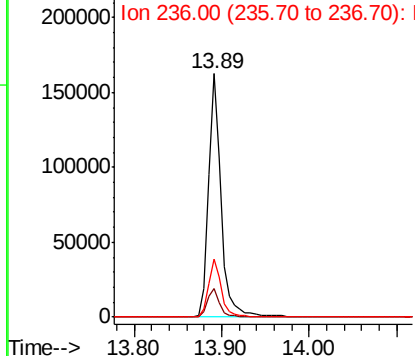


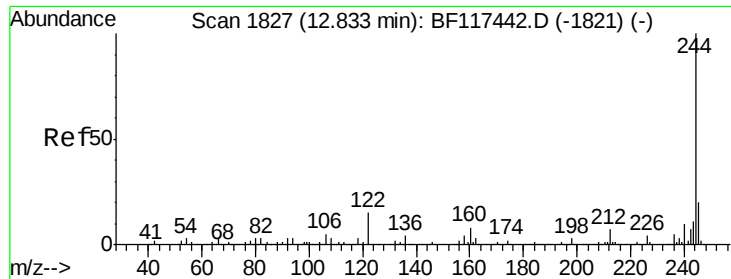
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117477.D
Acq: 22 Oct 2019 14:39

Tgt Ion:240 Resp: 162944
Ion Ratio Lower Upper
240 100
120 11.5 8.4 12.6
236 23.6 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

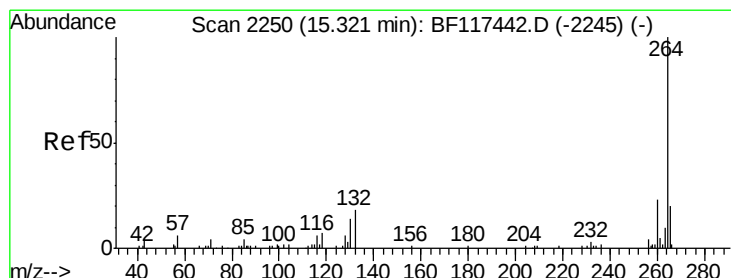
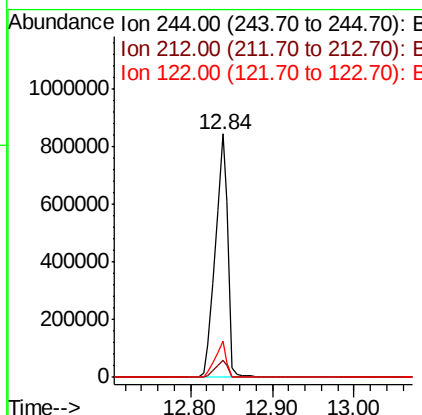
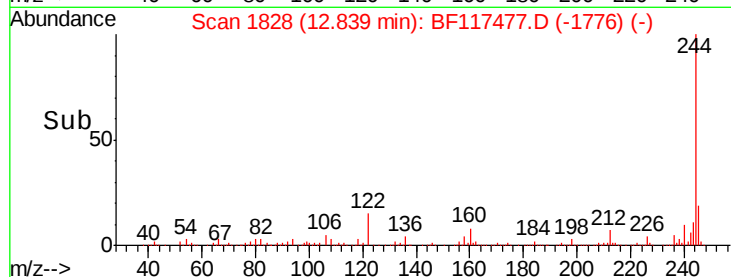
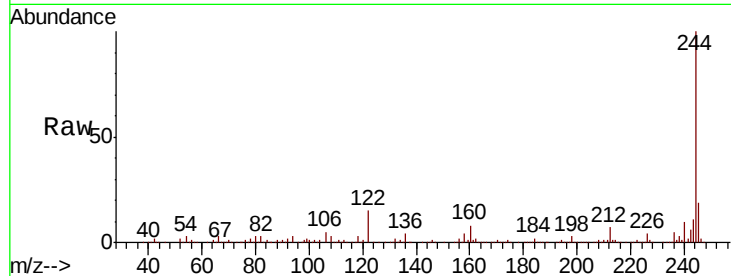




#79
 Terphenyl-d14
 Concen: 90.604 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF117477.D
 Acq: 22 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleID :
 PB124054BL

Tot Ion:244 Resp: 905107
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 15.0 11.8 17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117477.D
 Acq: 22 Oct 2019 14:39

Tgt Ion:264 Resp: 143868
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 20.3 16.1 24.1

