

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117467.D
 Acq On : 22 Oct 2019 00:15
 Operator : JU
 Sample : K5453-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT1496

Quant Time: Oct 22 03:08:30 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

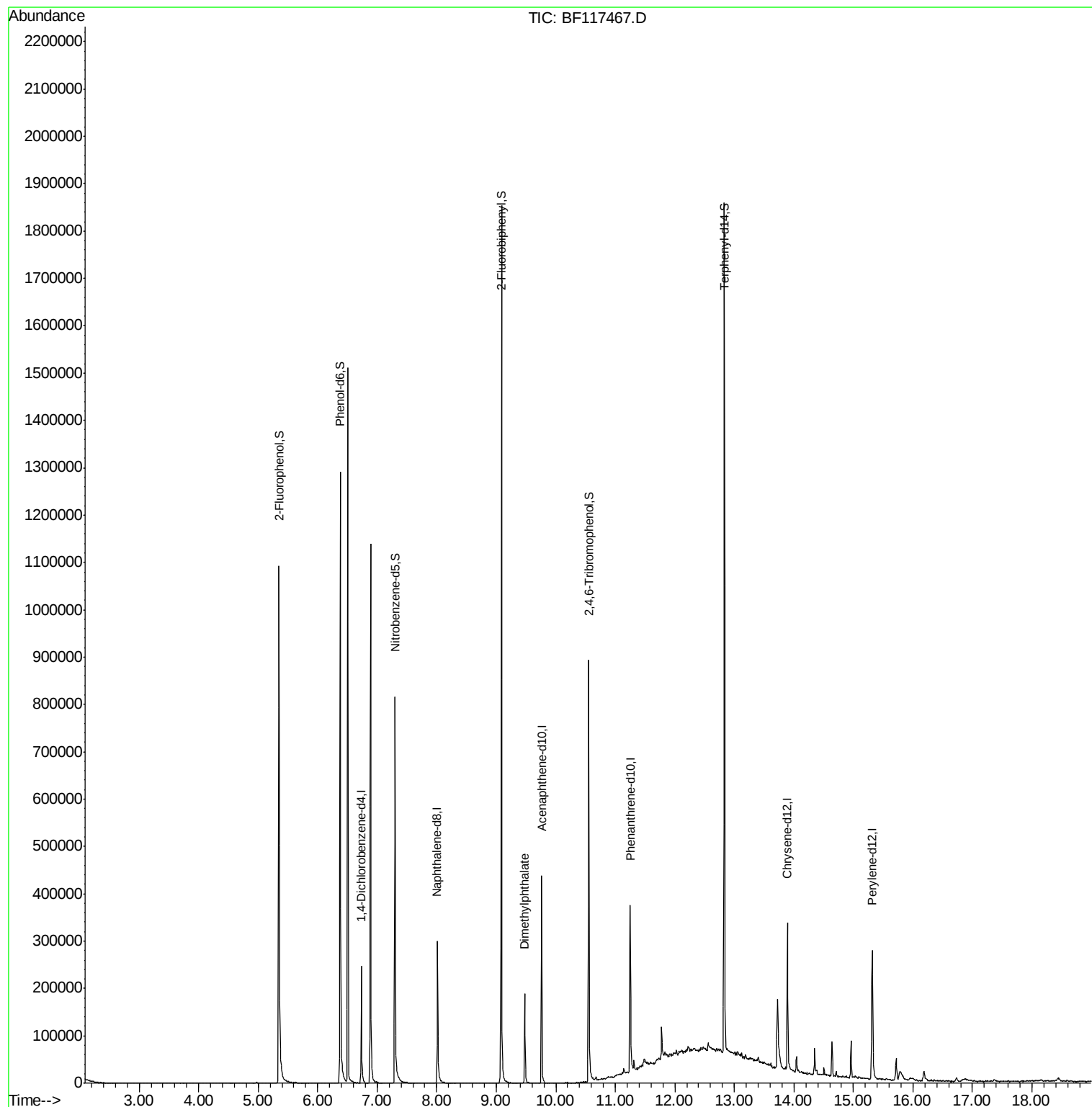
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41516	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	170798	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	88160	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	146367	20.00	ng	0.00
76) Chrysene-d12	13.89	240	113478	20.00	ng	0.00
87) Perylene-d12	15.32	264	112547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	340333	121.96	ng	0.00
7) Phenol-d6	6.38	99	470573	125.55	ng	0.00
23) Nitrobenzene-d5	7.30	82	296236	85.62	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	99355	130.25	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	537198	85.86	ng	0.00
79) Terphenyl-d14	12.83	244	573381	82.42	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	71672	11.404	ng	Qvalue 99

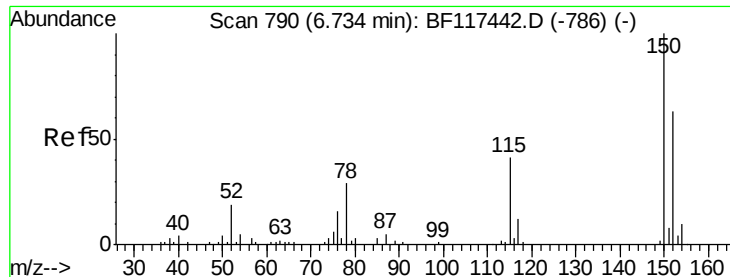
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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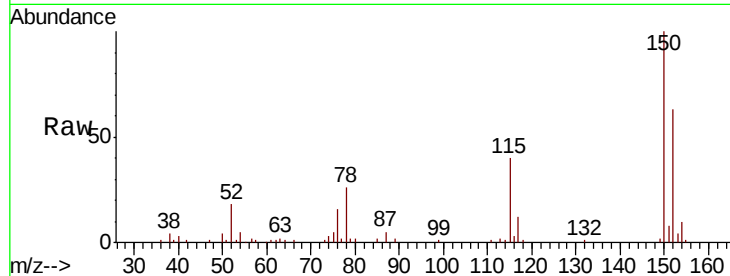


#1

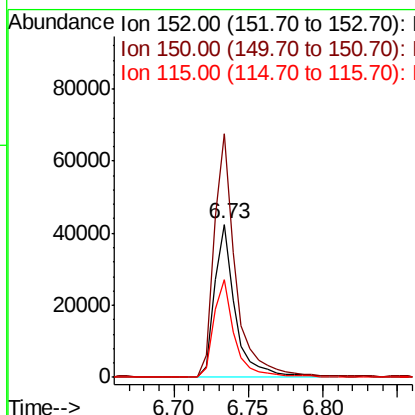
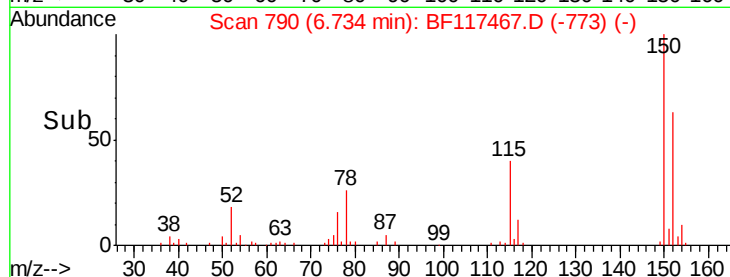
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Instrument :
BNA_F
ClientSampleId :
RT1496

Tot Ion:152 Resp: 41516
Ion Ratio Lower Upper
152 100
150 159.2 126.8 190.2
115 64.3 51.6 77.4



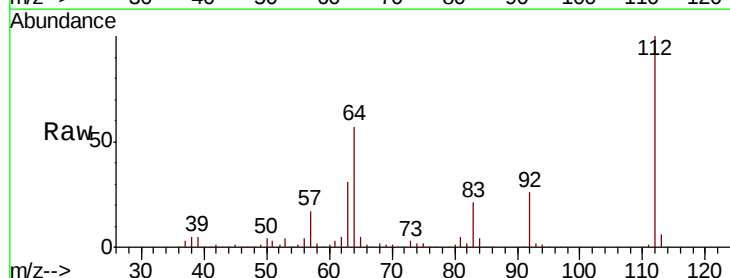
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



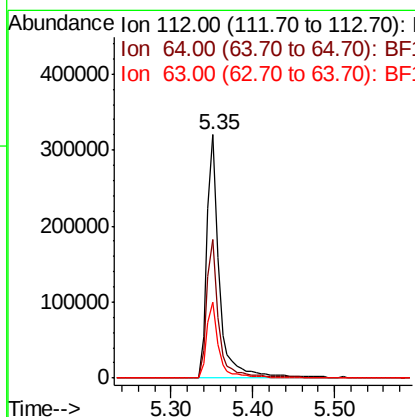
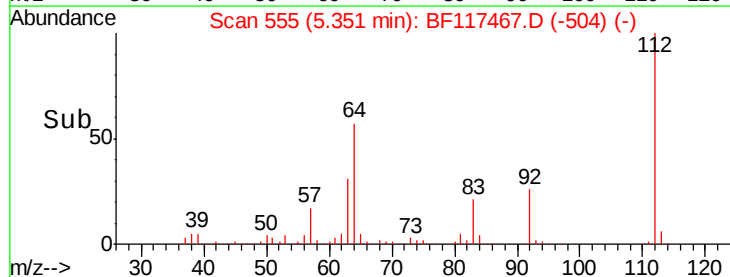
#5

2-Fluorophenol
Concen: 121.957 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Tgt Ion:112 Resp: 340333
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 31.1 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: 125.550 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117467.D

Acq: 22 Oct 2019 00:15

Instrument :

BNA_F

ClientSampleId :

RT1496

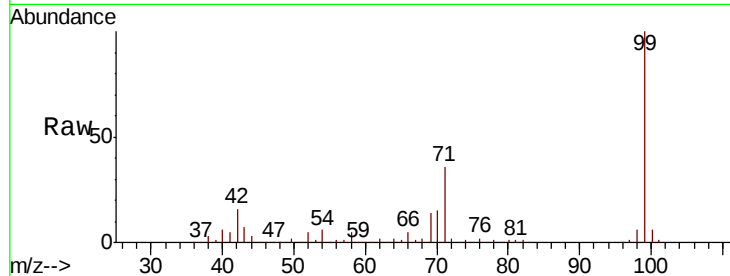
Tot Ion: 99 Resp: 470573

Ion Ratio Lower Upper

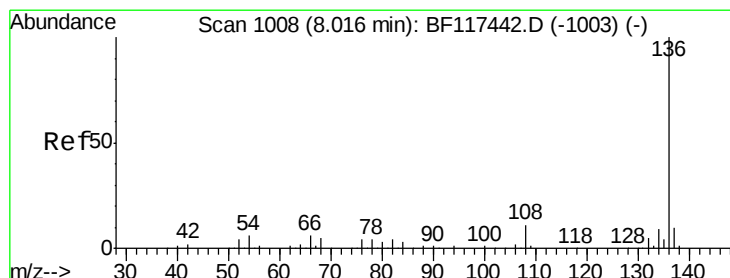
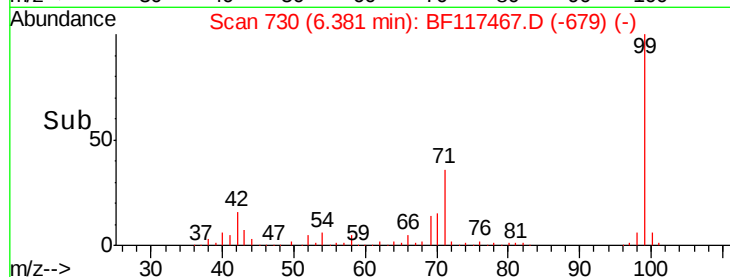
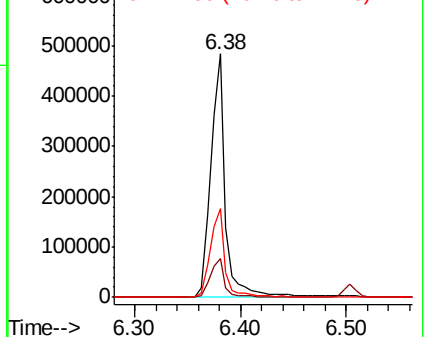
99 100

42 15.7 12.8 19.2

71 36.4 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: BF117467.D

Acq: 22 Oct 2019 00:15

Tgt Ion: 136 Resp: 170798

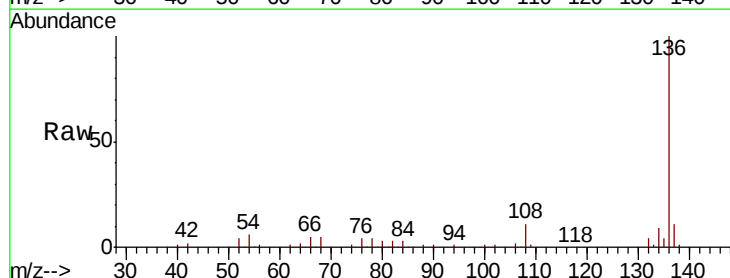
Ion Ratio Lower Upper

136 100

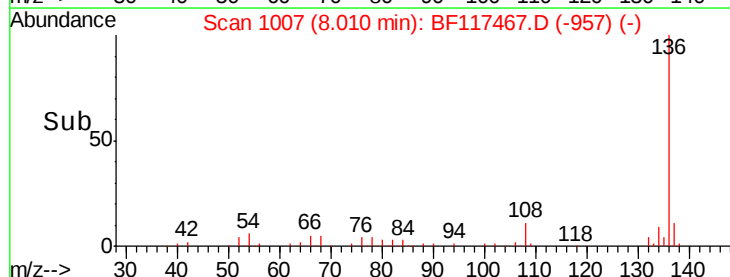
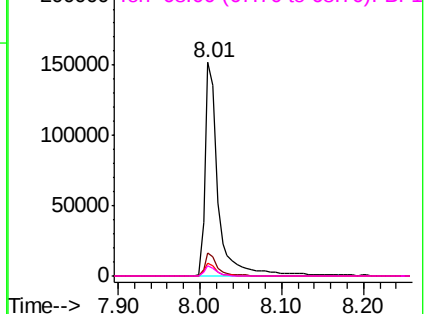
137 10.8 8.2 12.4

54 5.9 4.5 6.7

68 4.8 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

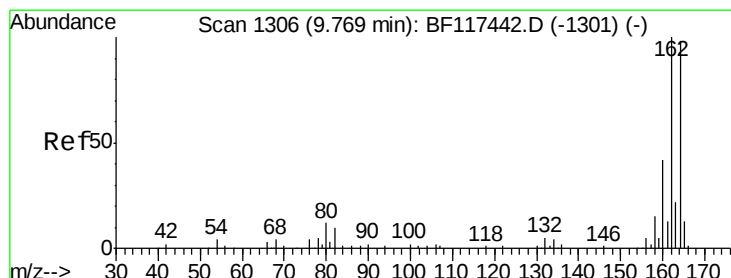
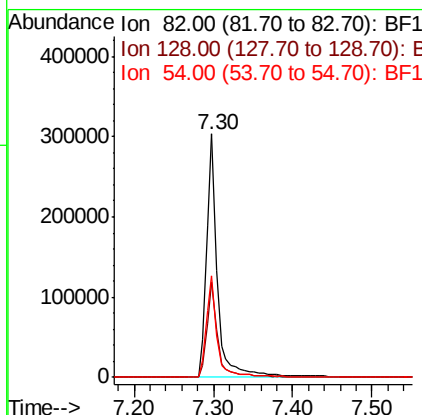
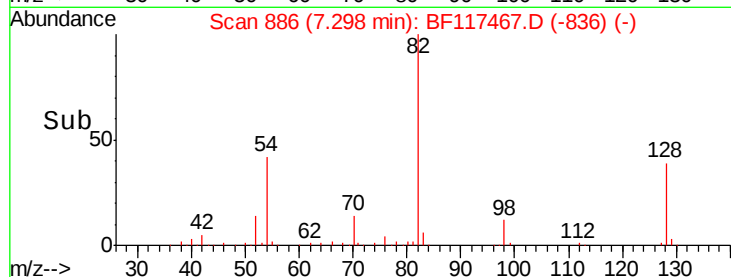
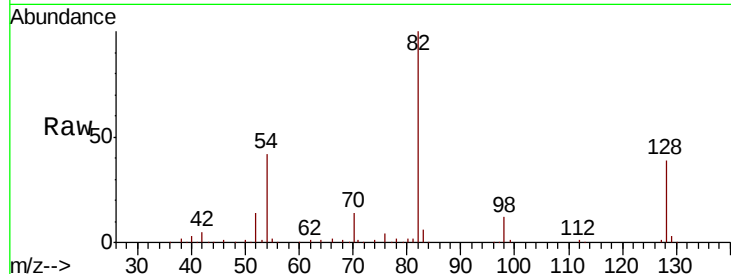




#23
Nitrobenzene-d5
Concen: 85.625 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

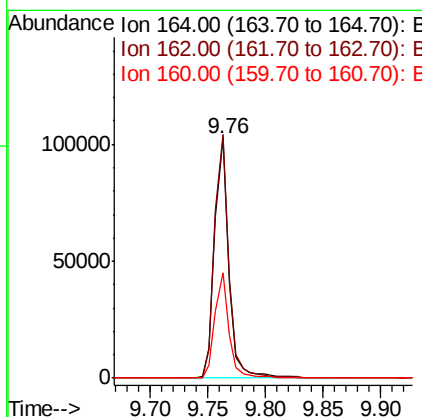
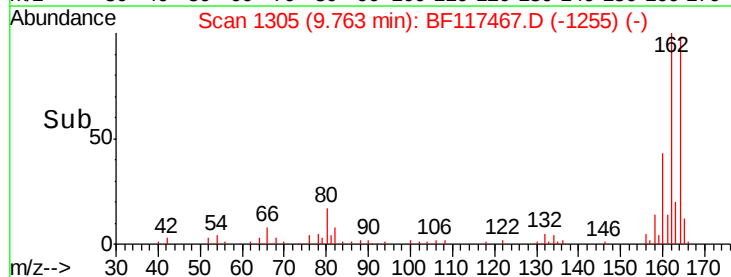
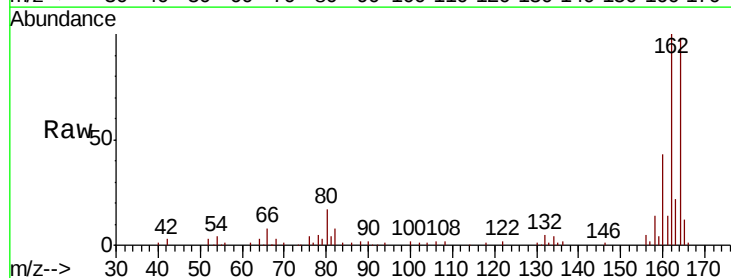
Instrument :
BNA_F
ClientSampleId :
RT1496

Tot Ion	82	Resp	296236
Ion Ratio	Lower	Upper	
82	100		
128	39.2	32.2	48.2
54	41.7	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: BF117467.D
Acq: 22 Oct 2019 00:15

Tgt Ion	164	Resp	88160
Ion Ratio	Lower	Upper	
164	100		
162	101.8	81.8	122.6
160	43.8	34.4	51.6

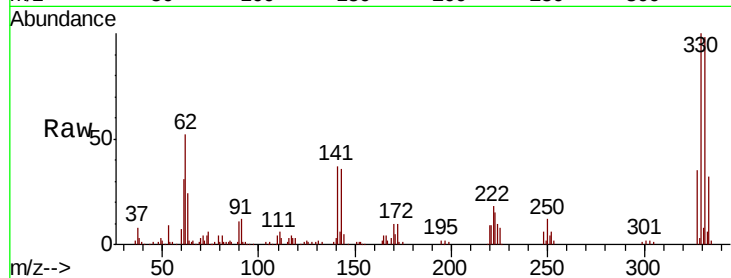




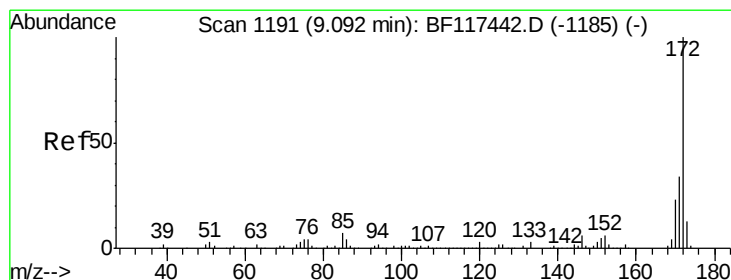
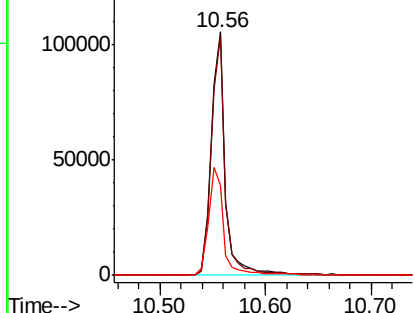
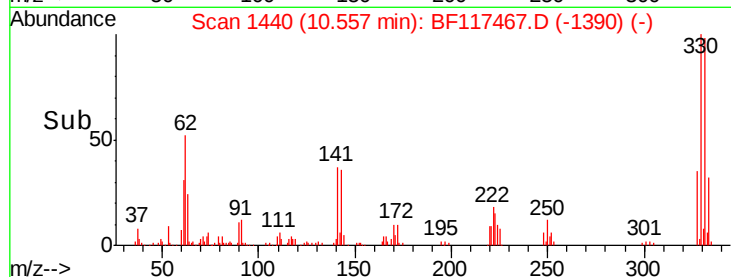
#42
 2,4,6-Tribromophenol
 Concen: 130.249 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117467.D
 Acq: 22 Oct 2019 00:15

Instrument :
 BNA_F
 ClientSampled :
 RT1496

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.5	117.7
141	47.3	37.0	55.6

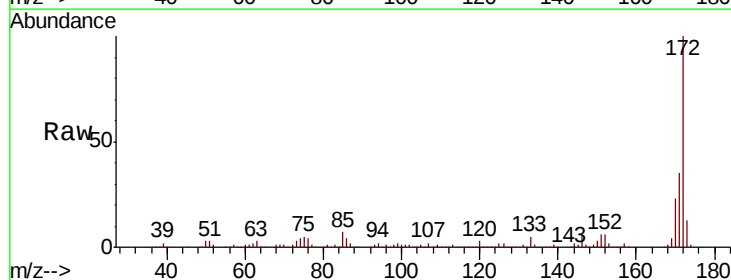


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

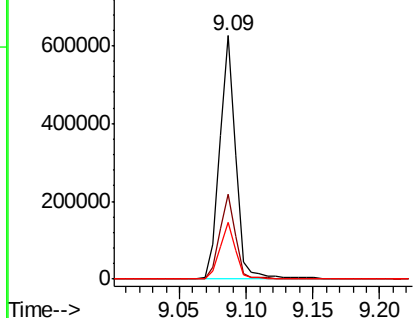
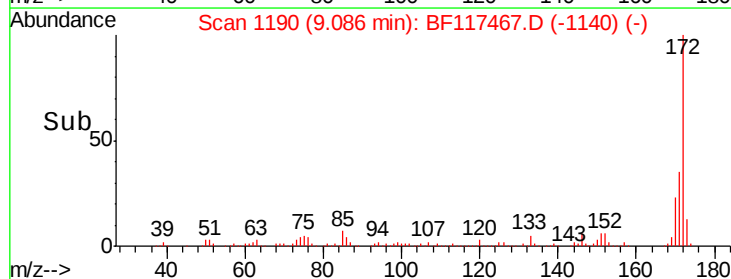


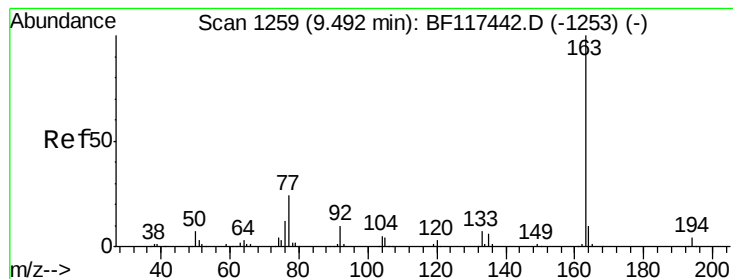
#45
 2-Fluorobiphenyl
 Concen: 85.856 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117467.D
 Acq: 22 Oct 2019 00:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.5	41.3
170	23.3	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: 11.404 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF117467.D

Acq: 22 Oct 2019 00:15

Instrument :

BNA_F

ClientSampleId :

RT1496

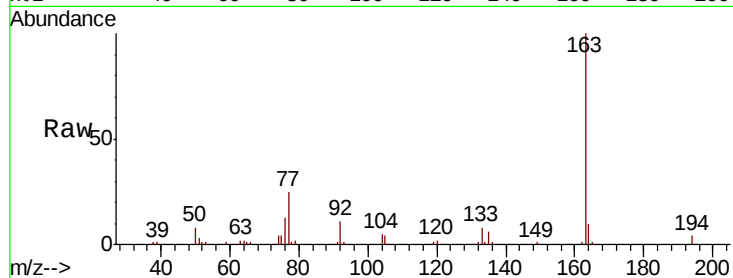
Tot Ion:163 Resp: 71672

Ion Ratio Lower Upper

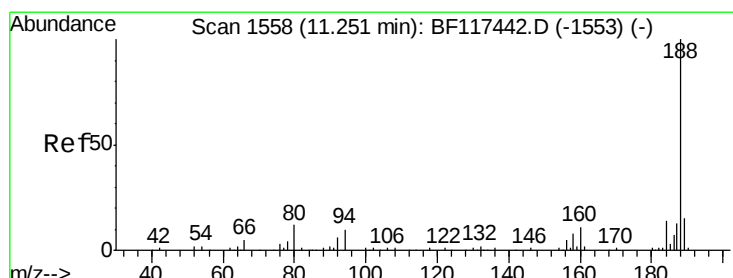
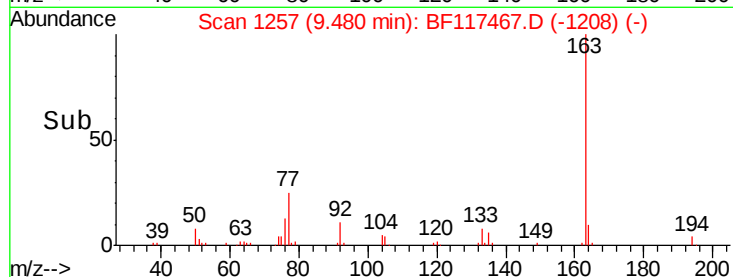
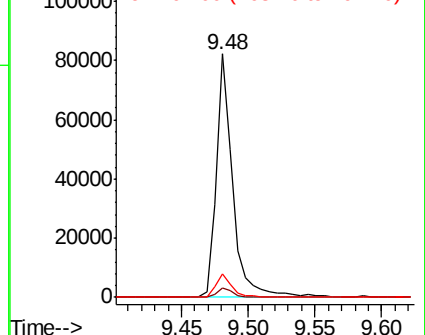
163 100

194 3.9 2.9 4.3

164 9.8 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: BF117467.D

Acq: 22 Oct 2019 00:15

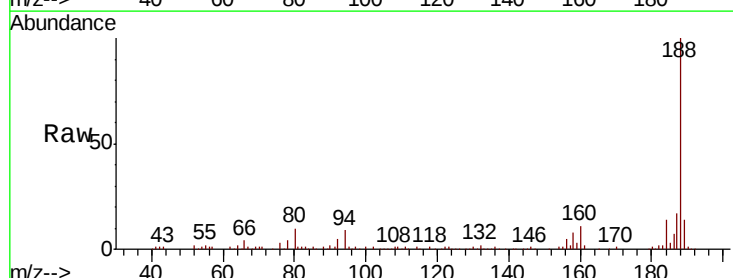
Tgt Ion:188 Resp: 146367

Ion Ratio Lower Upper

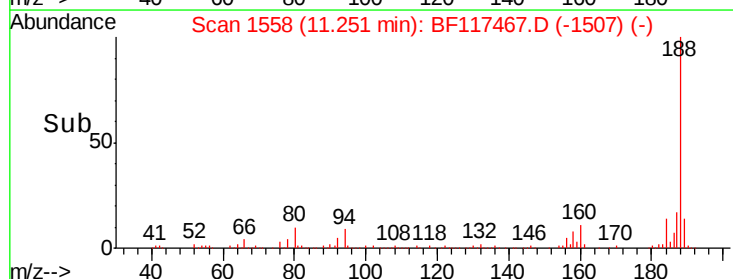
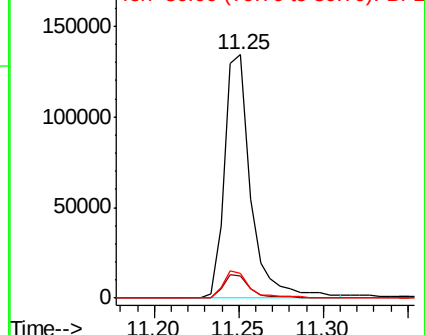
188 100

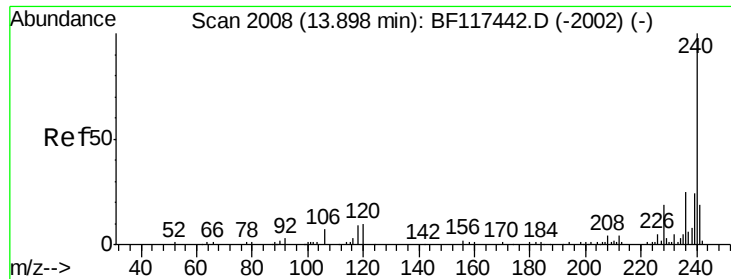
94 8.9 8.0 12.0

80 9.9 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

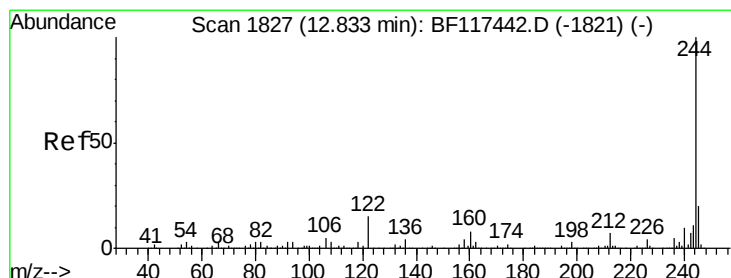
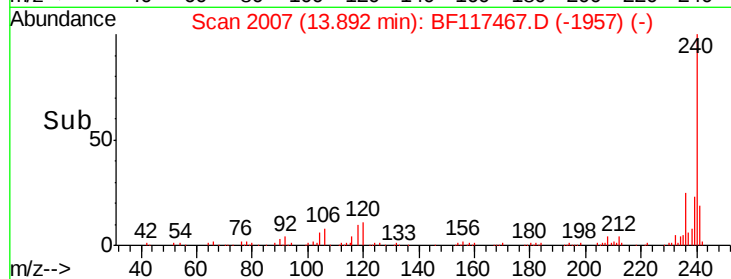
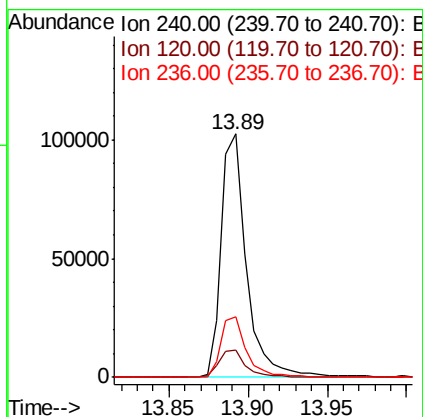
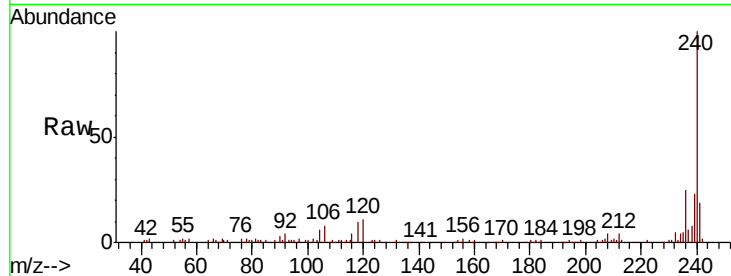




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

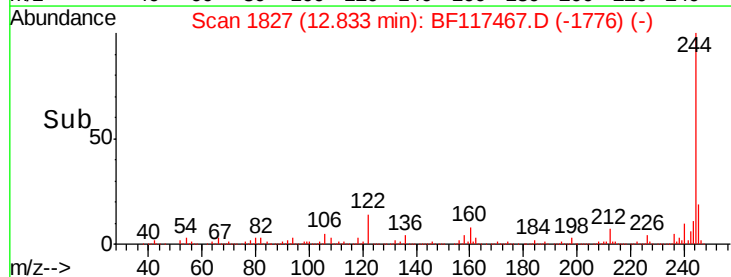
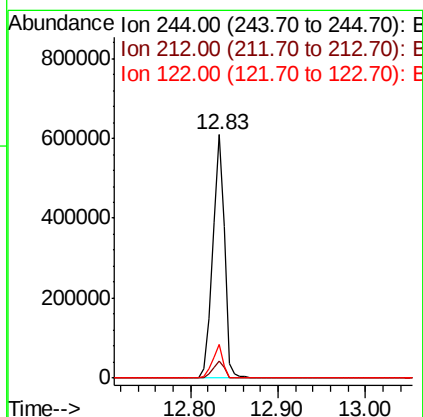
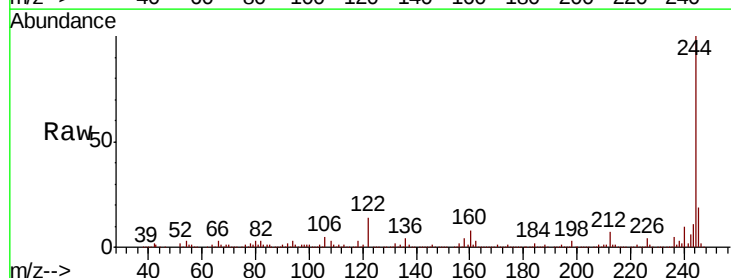
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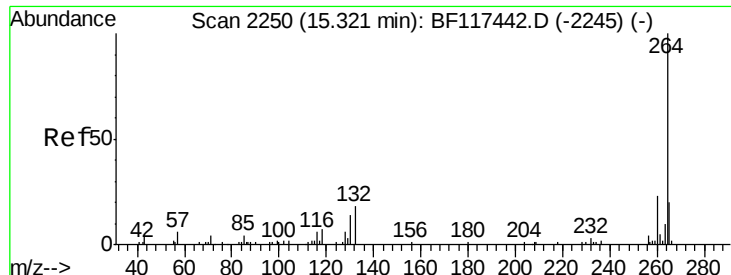
Tot Ion:240 Resp: 113478
Ion Ratio Lower Upper
240 100
120 11.2 8.4 12.6
236 25.0 20.0 30.0



#79
Terphenyl-d14
Concen: 82.417 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Tgt Ion:244 Resp: 573381
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 13.6 11.8 17.8

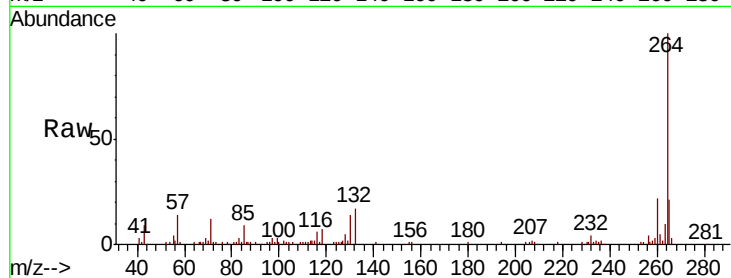




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF117467.D
Acq: 22 Oct 2019 00:15

Instrument :
BNA_F
ClientSampleId :
RT1496

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	21.0	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

