

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
 Data File : BF117528.D
 Acq On : 24 Oct 2019 23:19
 Operator : JU
 Sample : K5497-15 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 166-42-(0-1)

Quant Time: Oct 25 04:46:07 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

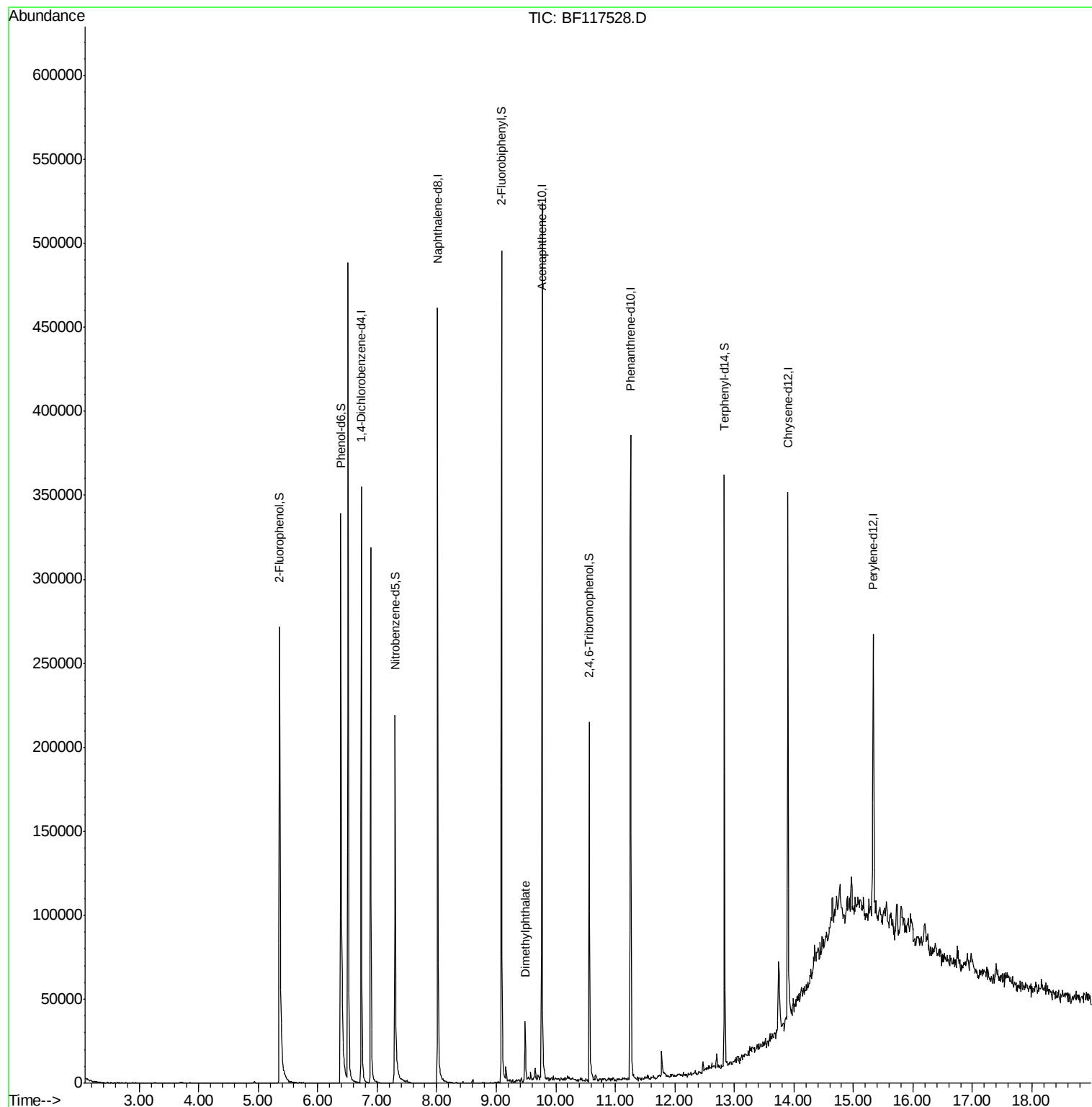
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	53822	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	217829	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	103993	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	144304	20.00	ng	0.00
76) Chrysene-d12	13.90	240	103539	20.00	ng	0.00
87) Perylene-d12	15.33	264	72870	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	120672	33.36	ng	0.00
7) Phenol-d6	6.39	99	165974	34.16	ng	0.00
23) Nitrobenzene-d5	7.30	82	95347	21.61	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	24778	27.54	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	158068	21.42	ng	0.00
79) Terphenyl-d14	12.83	244	105888	16.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	15336	2.069	ng	Qvalue 96

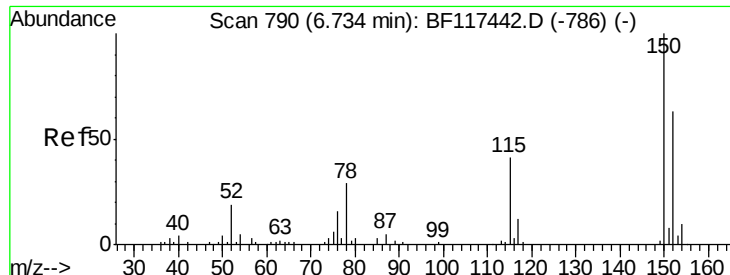
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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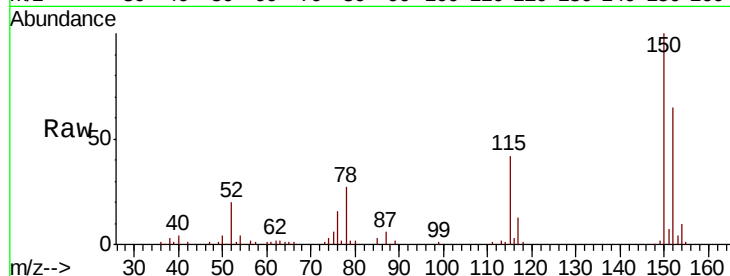


#1

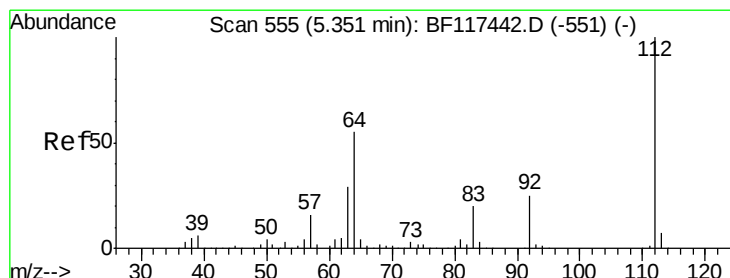
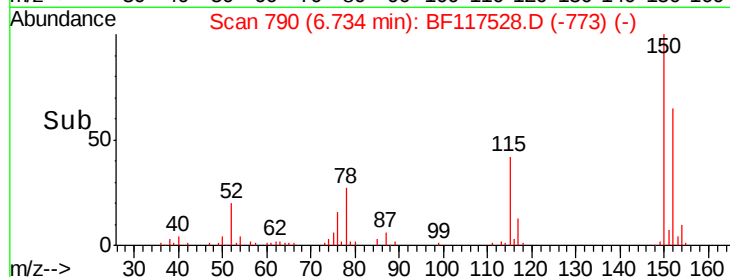
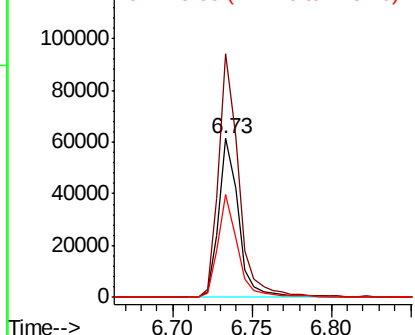
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117528.D
Acq: 24 Oct 2019 23:19

Instrument :
BNA_F
ClientSampleId :
166-42-(0-1)

Tot Ion:152 Resp: 53822
Ion Ratio Lower Upper
152 100
150 153.6 126.8 190.2
115 64.8 51.6 77.4



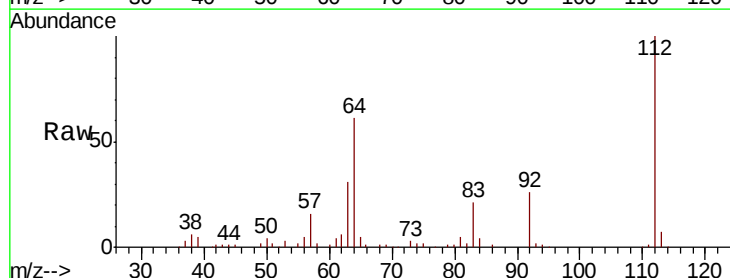
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



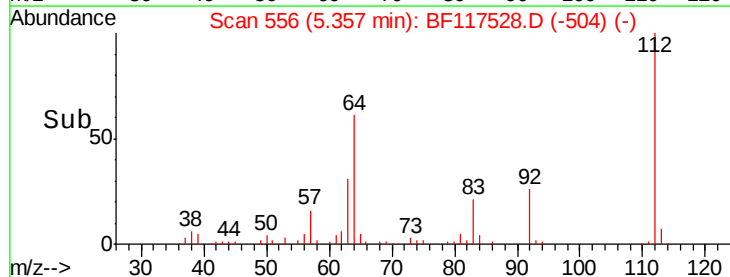
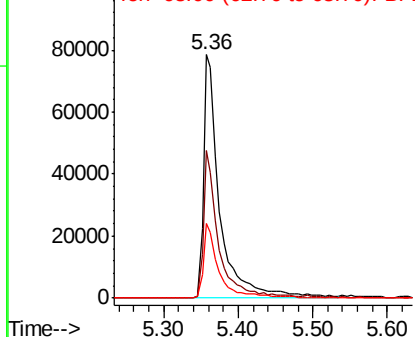
#5

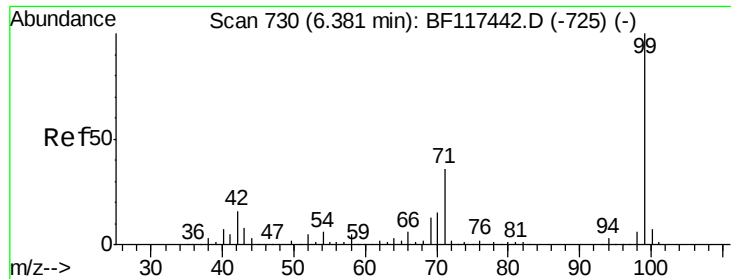
2-Fluorophenol
Concen: 33.355 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117528.D
Acq: 24 Oct 2019 23:19

Tgt Ion:112 Resp: 120672
Ion Ratio Lower Upper
112 100
64 60.6 44.1 66.1
63 30.7 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: 34.157 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117528.D

Acq: 24 Oct 2019 23:19

Instrument :

BNA_F

ClientSampleId :

166-42-(0-1)

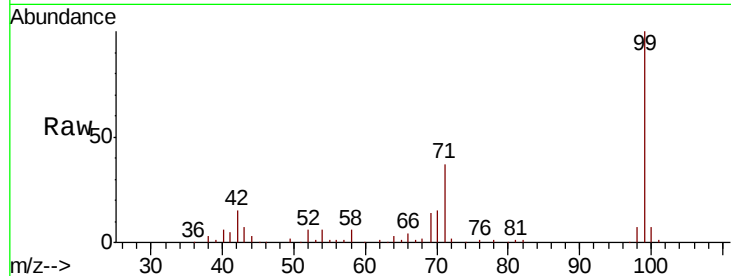
Tot Ion: 99 Resp: 165974

Ion Ratio Lower Upper

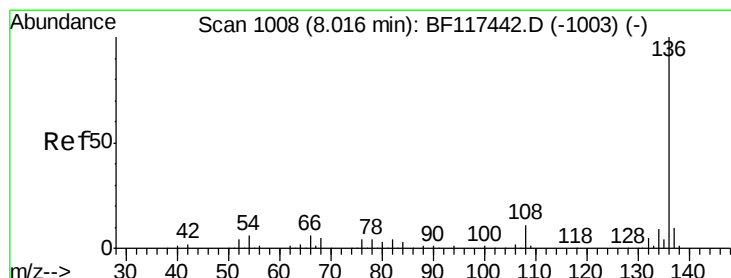
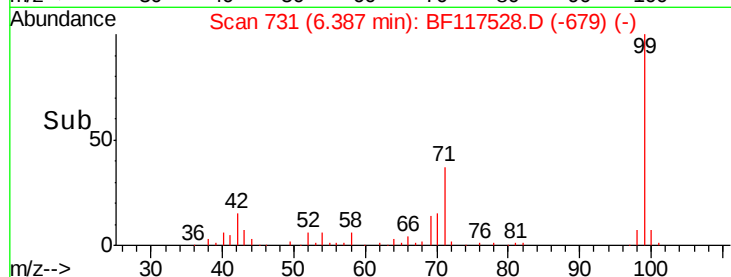
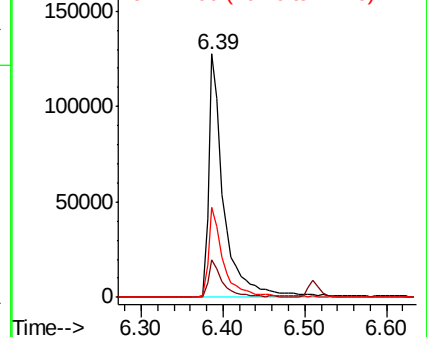
99 100

42 15.5 12.8 19.2

71 37.2 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: BF117528.D

Acq: 24 Oct 2019 23:19

Tgt Ion: 136 Resp: 217829

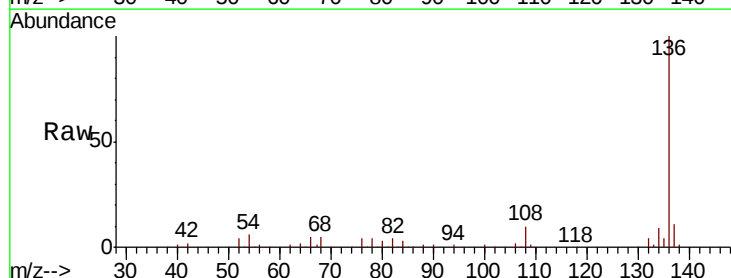
Ion Ratio Lower Upper

136 100

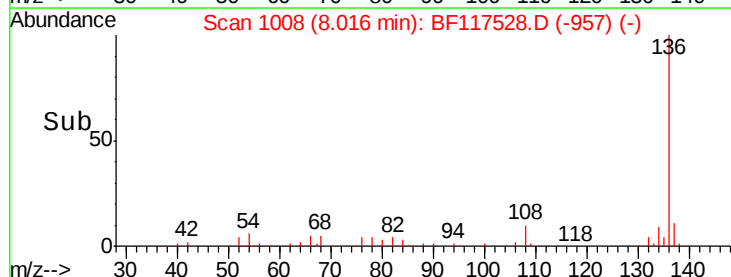
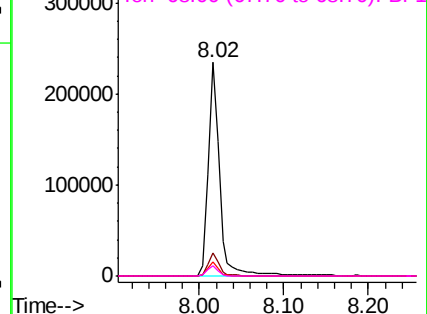
137 11.0 8.2 12.4

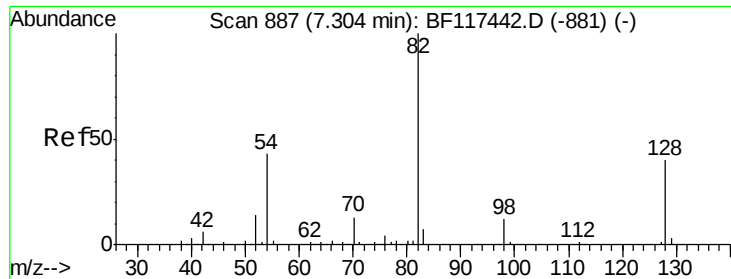
54 6.4 4.5 6.7

68 5.1 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

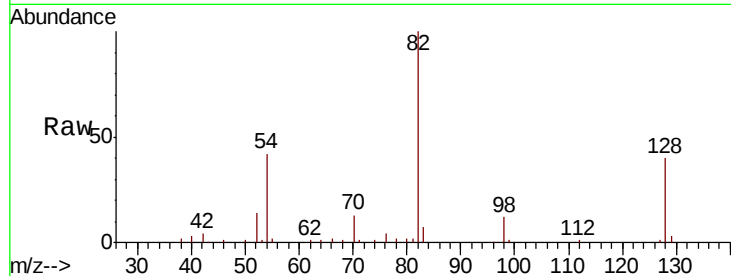




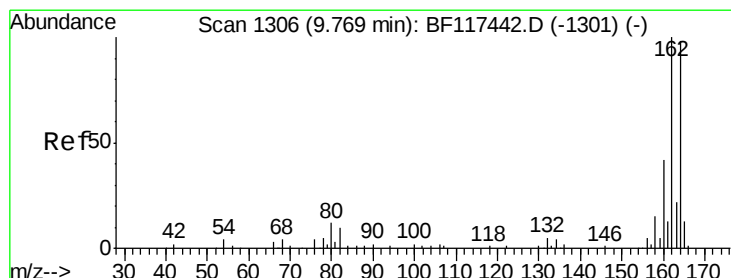
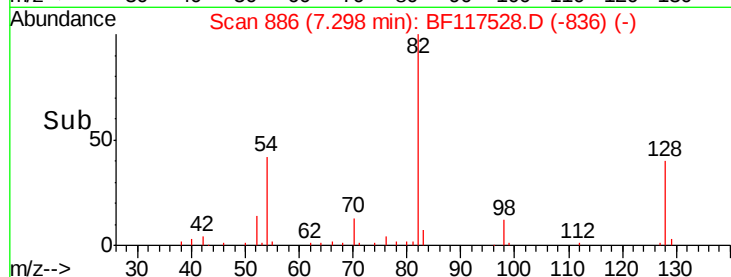
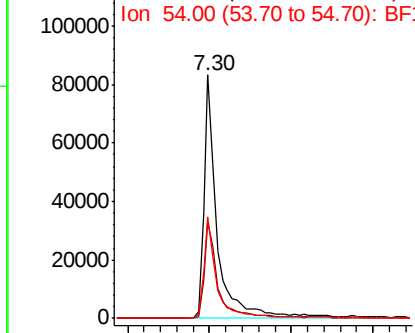
#23
Nitrobenzene-d5
Concen: 21.609 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117528.D
Acq: 24 Oct 2019 23:19

Instrument :
BNA_F
ClientSampleId :
166-42-(0-1)

Tot Ion	82	Resp	95347
Ion Ratio	Lower	Upper	
82	100		
128	39.8	32.2	48.2
54	41.6	34.2	51.2

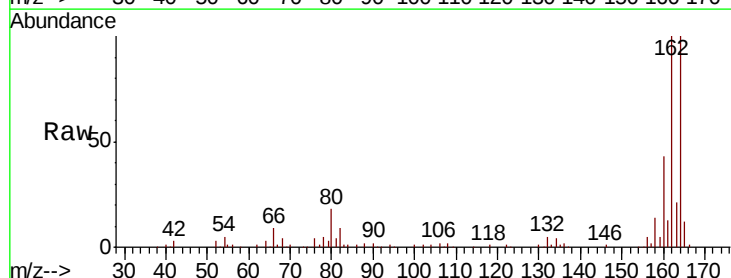


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

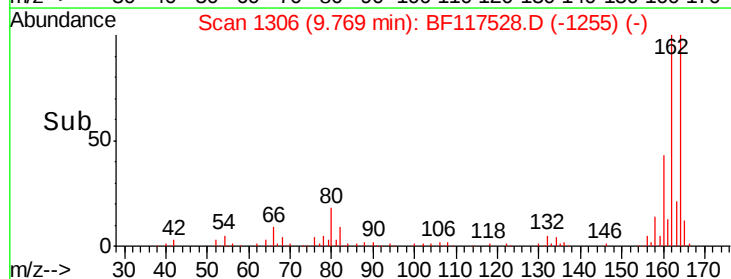
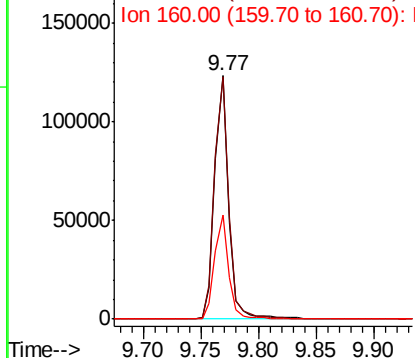


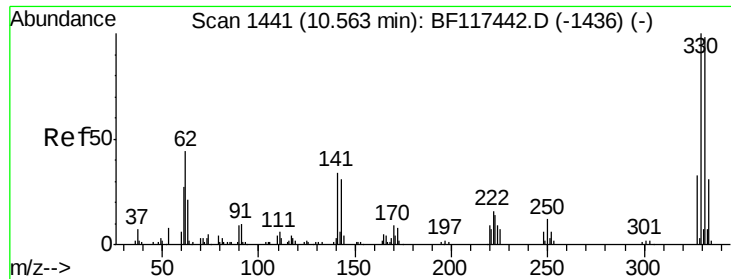
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF117528.D
Acq: 24 Oct 2019 23:19

Tgt Ion	164	Resp	103993
Ion Ratio	Lower	Upper	
164	100		
162	99.6	81.8	122.6
160	42.8	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: 27.537 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117528.D

Acq: 24 Oct 2019 23:19

Instrument :

BNA_F

ClientSampleId :

166-42-(0-1)

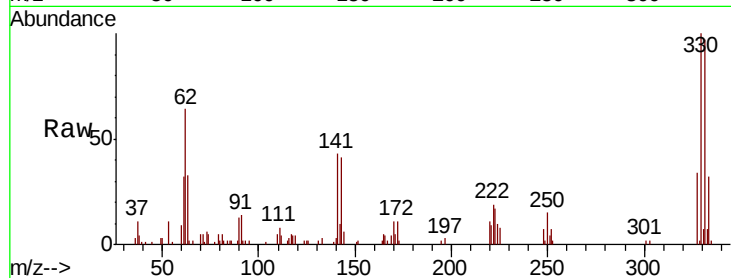
Tot Ion:330 Resp: 24778

Ion Ratio Lower Upper

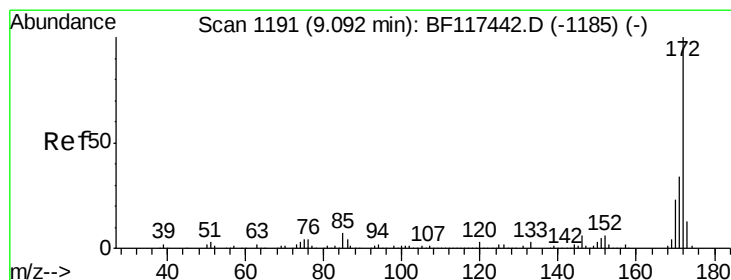
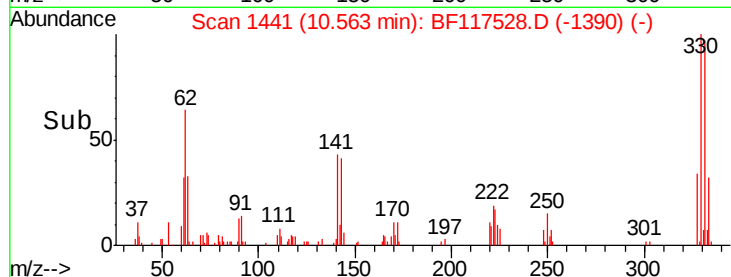
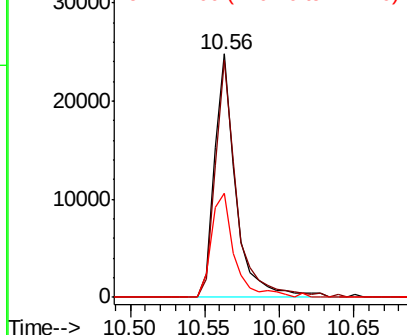
330 100

332 97.6 78.5 117.7

141 46.0 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: 21.416 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117528.D

Acq: 24 Oct 2019 23:19

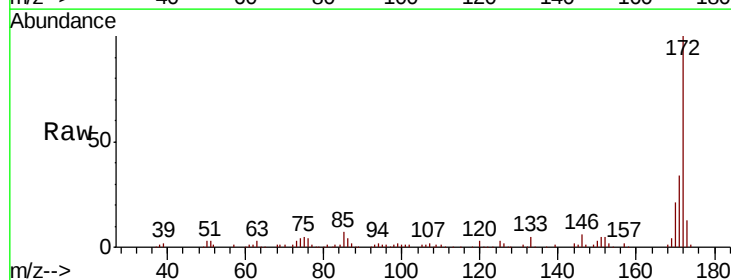
Tgt Ion:172 Resp: 158068

Ion Ratio Lower Upper

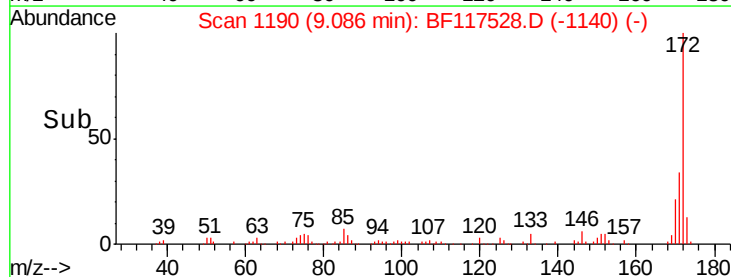
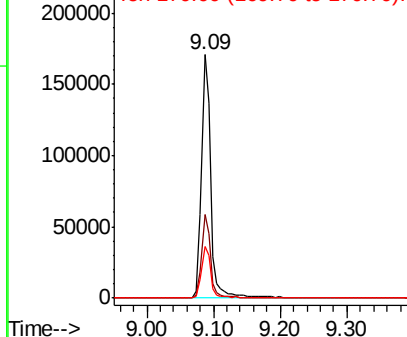
172 100

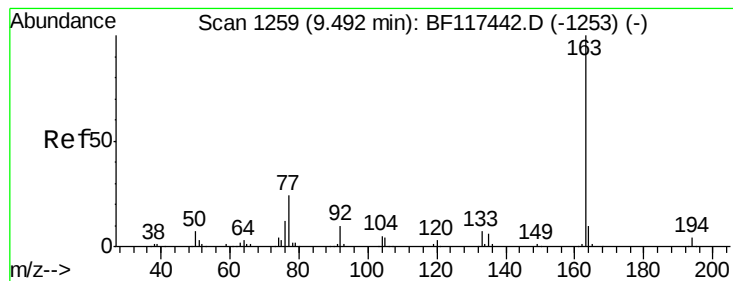
171 34.3 27.5 41.3

170 21.4 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: 2.069 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117528.D

Acq: 24 Oct 2019 23:19

Instrument :

BNA_F

ClientSampleId :

166-42-(0-1)

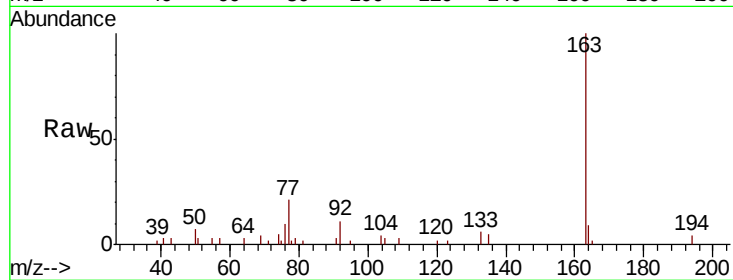
Tot Ion:163 Resp: 15336

Ion Ratio Lower Upper

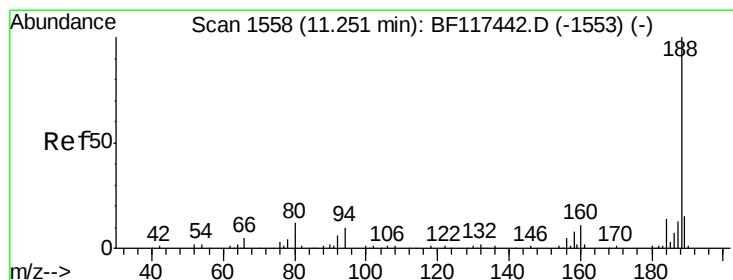
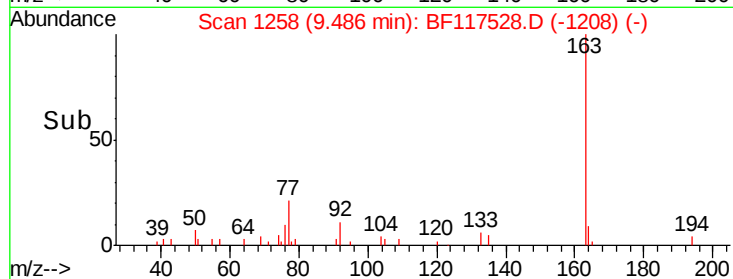
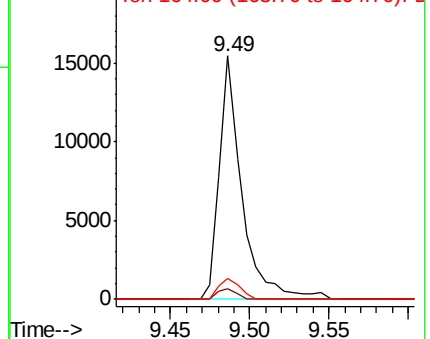
163 100

194 4.2 2.9 4.3

164 8.7 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: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF117528.D

Acq: 24 Oct 2019 23:19

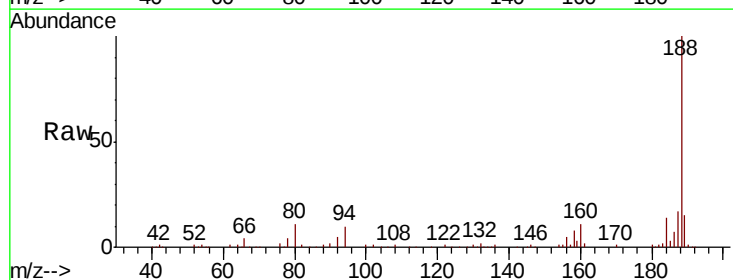
Tgt Ion:188 Resp: 144304

Ion Ratio Lower Upper

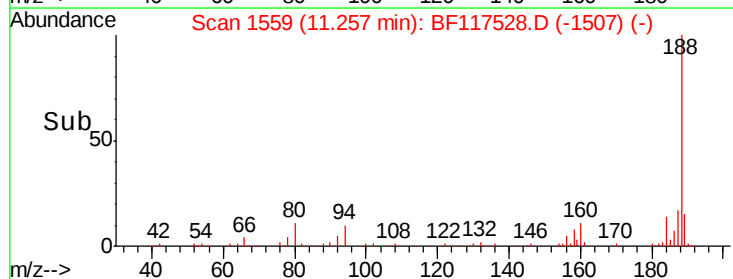
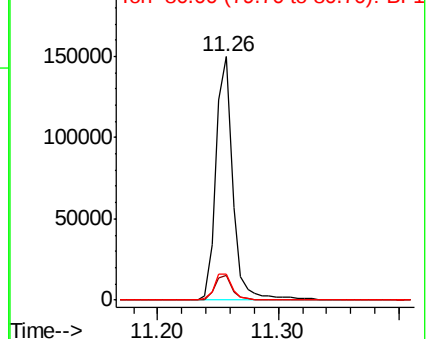
188 100

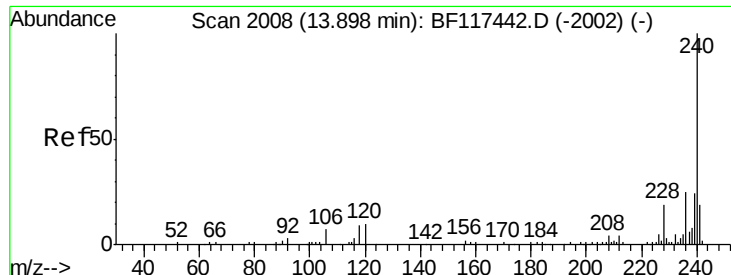
94 10.0 8.0 12.0

80 10.8 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

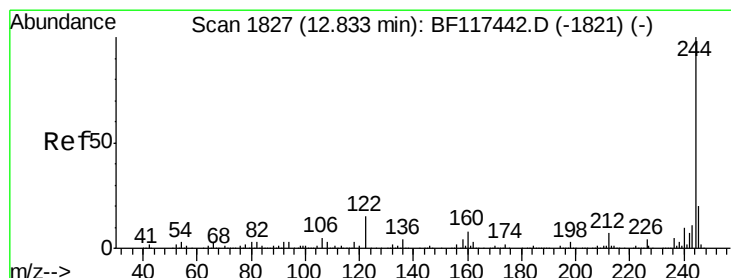
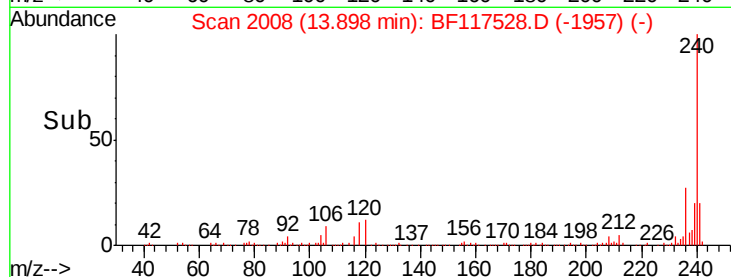
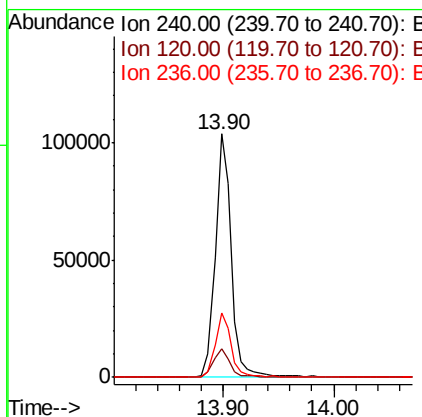
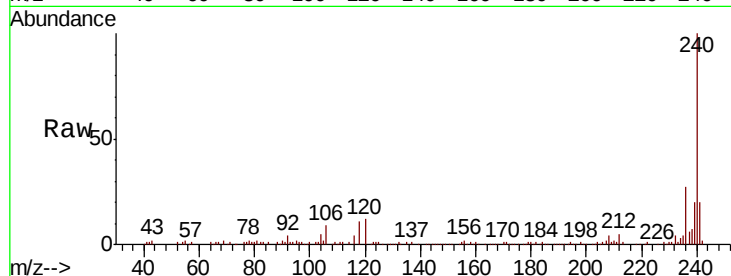




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117528.D
 Acq: 24 Oct 2019 23:19

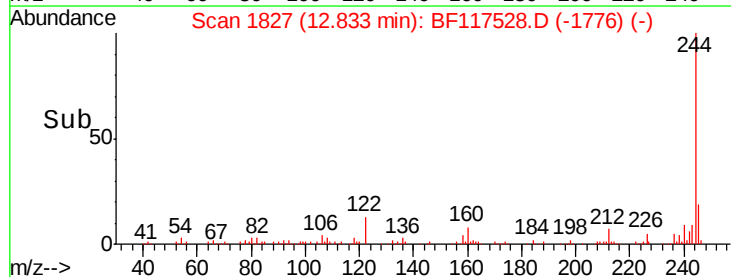
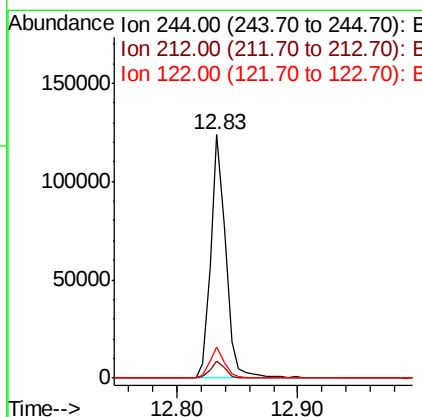
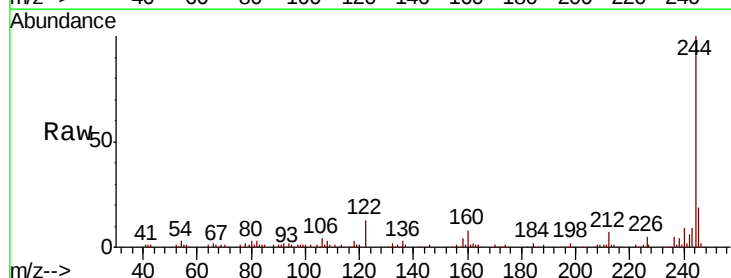
Instrument :
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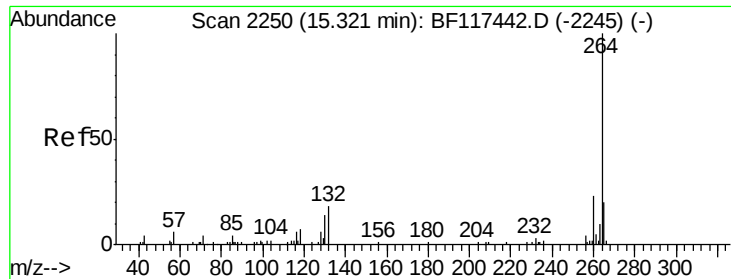
Tot Ion:240 Resp: 103539
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.4 12.6
 236 26.5 20.0 30.0



#79
 Terphenyl-d14
 Concen: 16.681 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117528.D
 Acq: 24 Oct 2019 23:19

Tgt Ion:244 Resp: 105888
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.9 11.8 17.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117528.D
Acq: 24 Oct 2019 23:19

Instrument :
BNA_F
ClientSampleId :
166-42-(0-1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	21.0	16.1	24.1

