

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117004.D
 Acq On : 12 Sep 2019 20:44
 Operator : HP/JU
 Sample : K4825-09 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-4-2

Quant Time: Sep 13 08:32:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	64128	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	286995	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	149524	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	226686	20.00	ng	0.00
76) Chrysene-d12	13.97	240	158196	20.00	ng	0.00
87) Perylene-d12	15.42	264	139051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	8294	2.10	ng	0.00
7) Phenol-d6	6.46	99	13049	2.51	ng	0.00
23) Nitrobenzene-d5	7.39	82	7436	1.48	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	2263	2.26	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	19369	2.19	ng	0.00
79) Terphenyl-d14	12.92	244	18737	2.19	ng	0.00

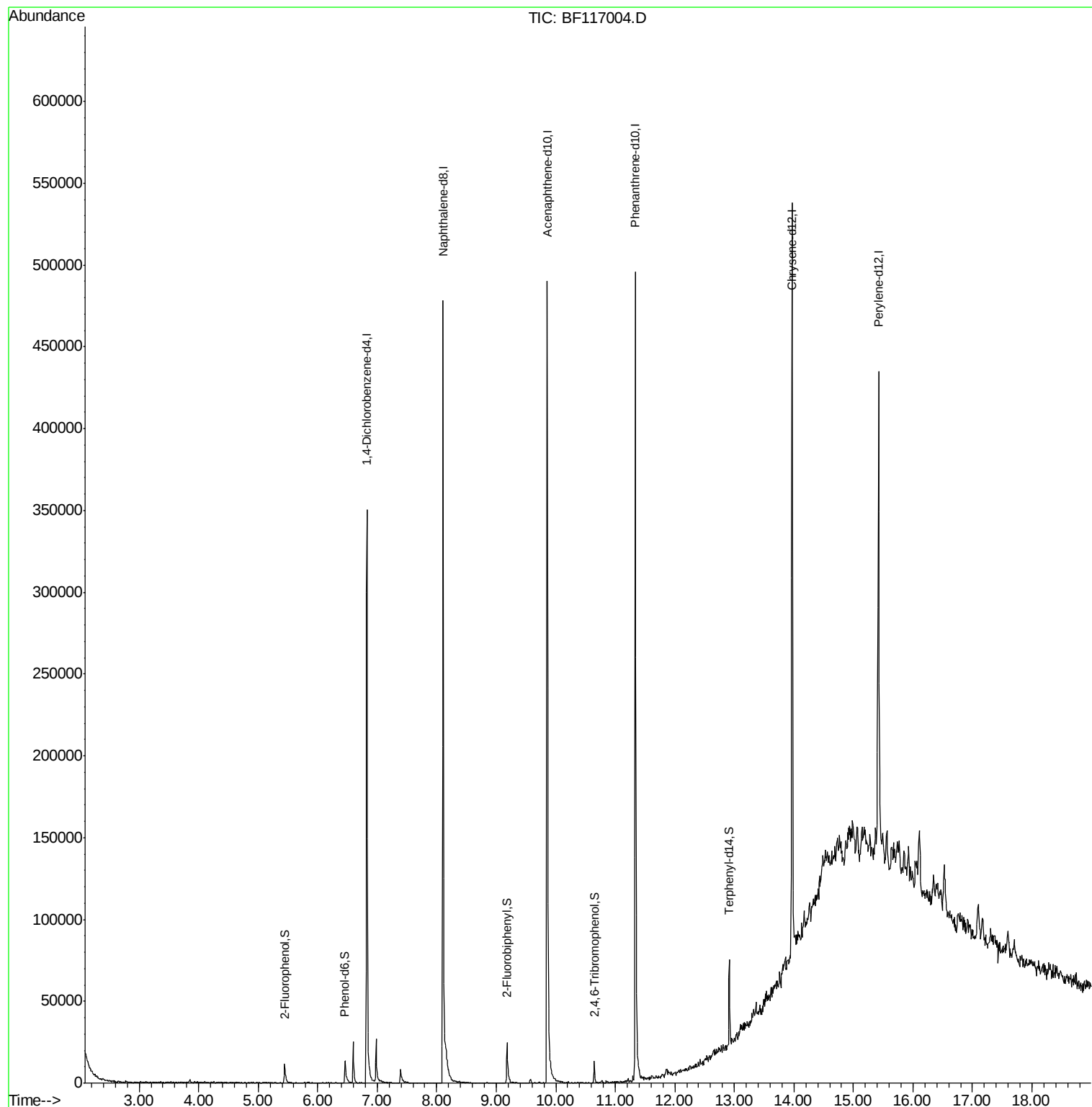
Target Compounds Qvalue

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

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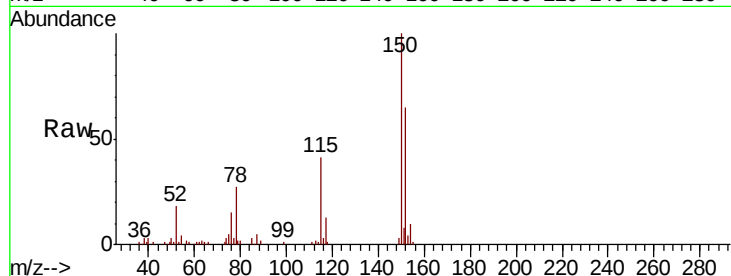


#1

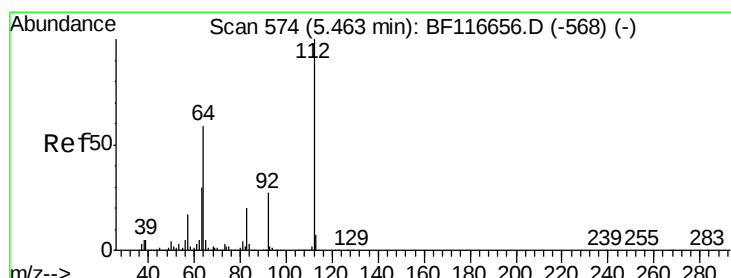
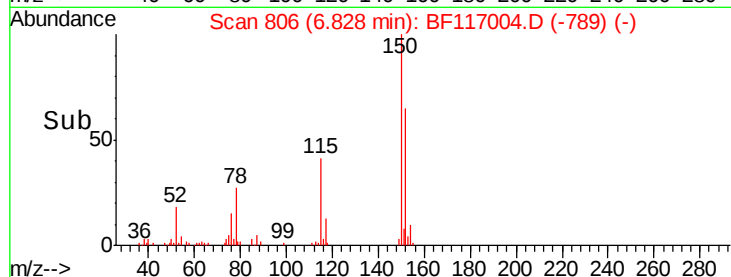
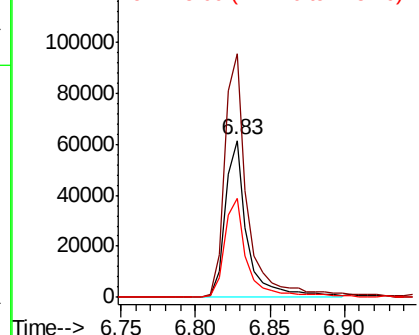
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF117004.D
Acq: 12 Sep 2019 20:44

Instrument :
BNA_F
ClientSampleId :
CSA-4-2

Tot Ion:152 Resp: 64128
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 63.1 50.2 75.2



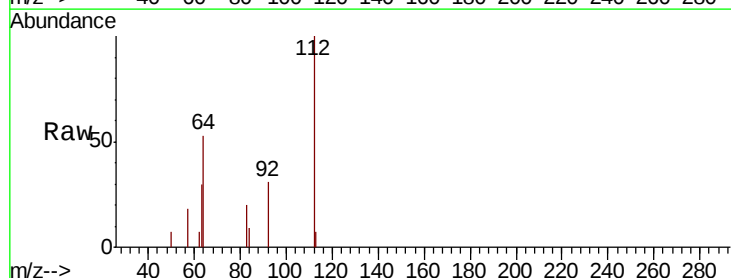
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



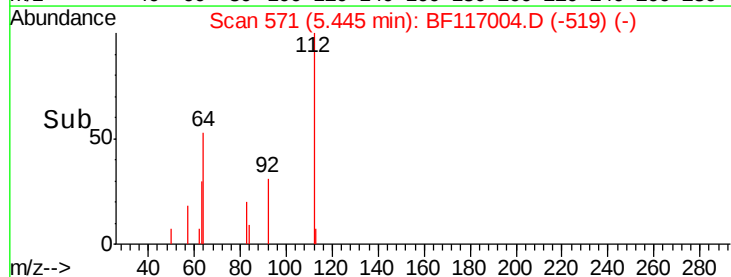
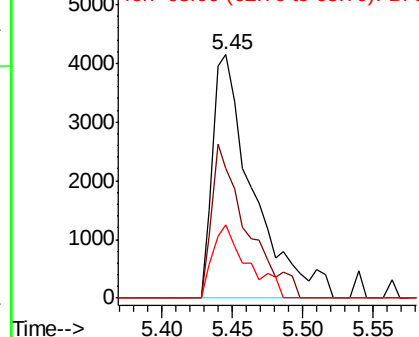
#5

2-Fluorophenol
Concen: 2.095 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117004.D
Acq: 12 Sep 2019 20:44

Tgt Ion:112 Resp: 8294
Ion Ratio Lower Upper
112 100
64 53.2 47.1 70.7
63 30.4 25.4 38.0



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: 2.510 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

Instrument :

BNA_F

ClientSampleId :

CSA-4-2

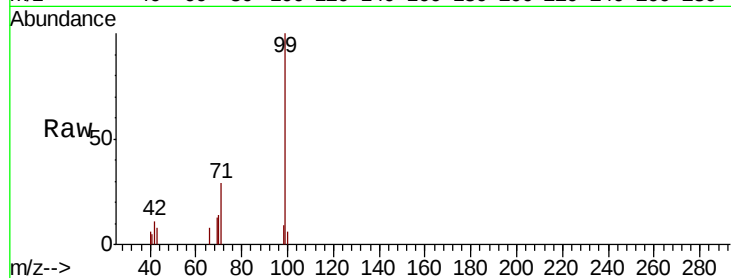
Tot Ion: 99 Resp: 13049

Ion Ratio Lower Upper

99 100

42 11.0 12.0 18.0#

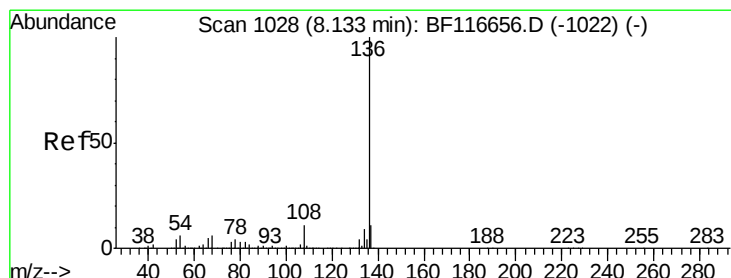
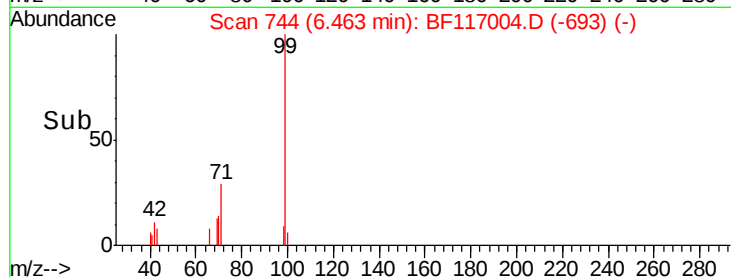
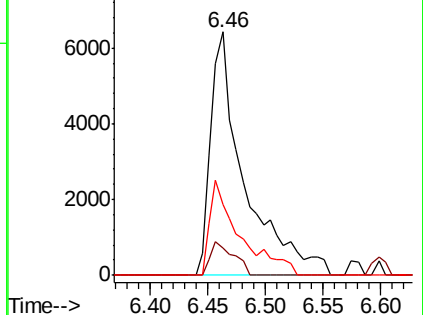
71 28.9 29.7 44.5#



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

Tgt Ion: 136 Resp: 286995

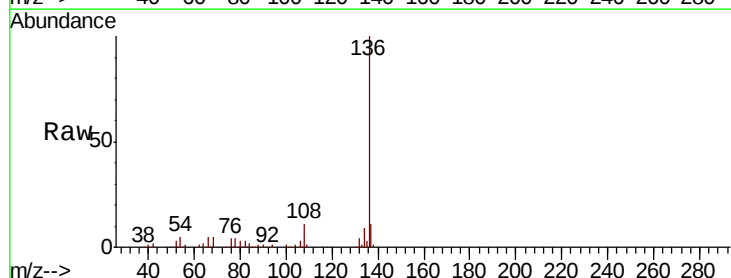
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 5.5 3.8 5.8

68 4.7 3.6 5.4

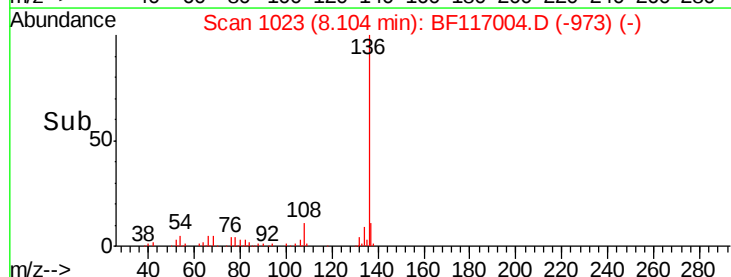
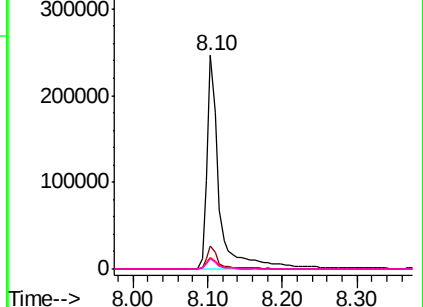


Abundance Ion 136.00 (135.70 to 136.70): E

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

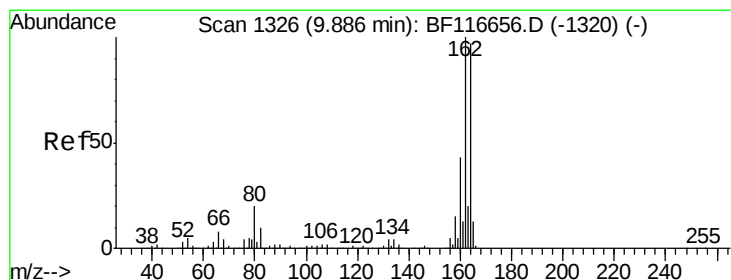
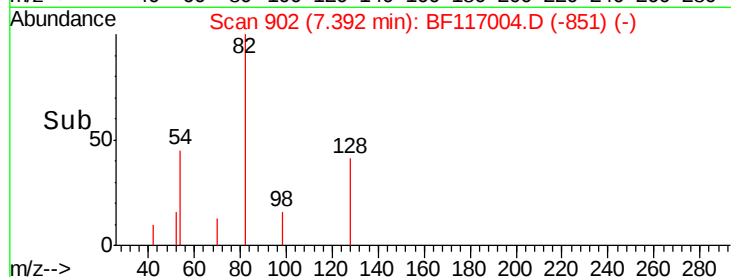
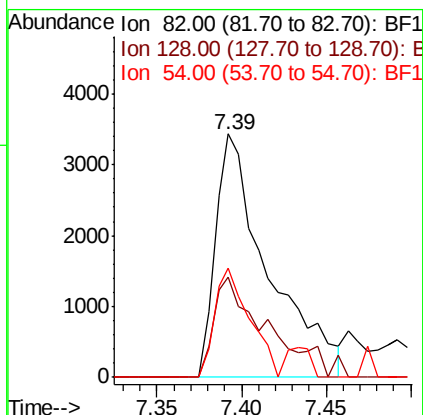
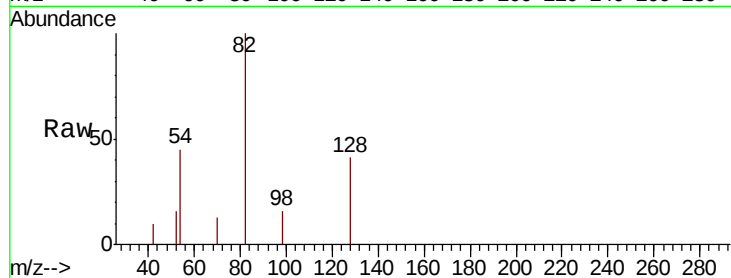




#23
 Nitrobenzene-d5
 Concen: 1.479 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF117004.D
 Acq: 12 Sep 2019 20:44

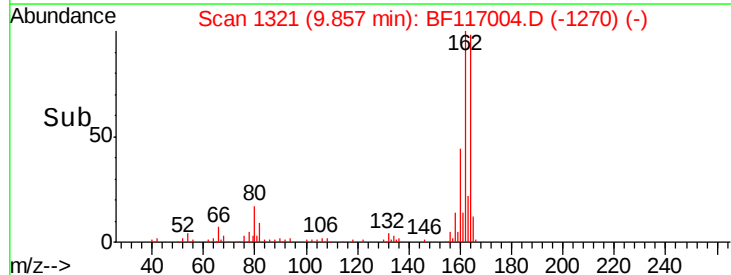
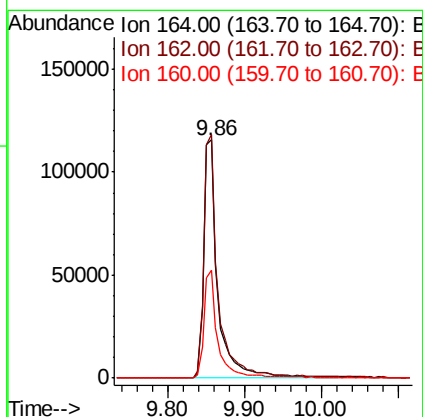
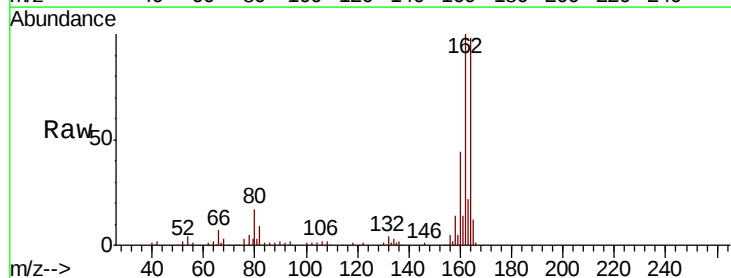
Instrument :
 BNA_F
 ClientSampleId :
 CSA-4-2

Tot Ion	82	Resp	7436
Ion Ratio	Lower	Upper	
82	100		
128	41.2	35.0	52.4
54	45.1	32.6	48.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF117004.D
 Acq: 12 Sep 2019 20:44

Tgt Ion	164	Resp	149524
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.8	122.6
160	45.4	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 2.264 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

Instrument :

BNA_F

ClientSampleId :

CSA-4-2

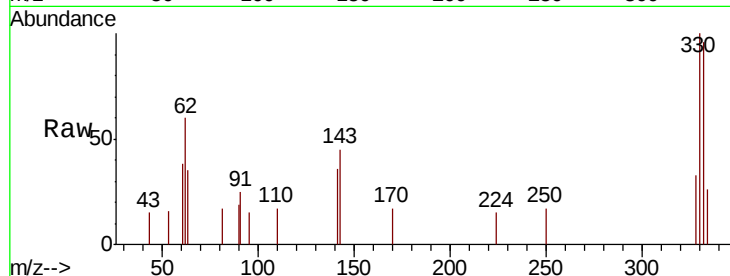
Tot Ion:330 Resp: 2263

Ion Ratio Lower Upper

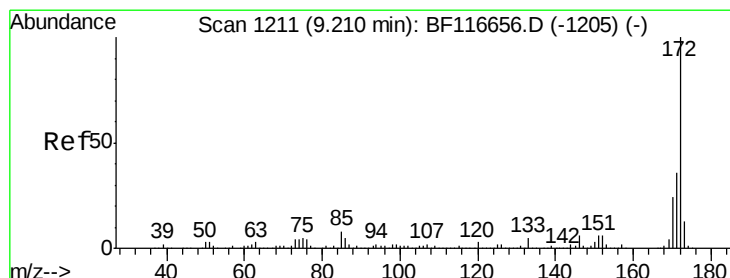
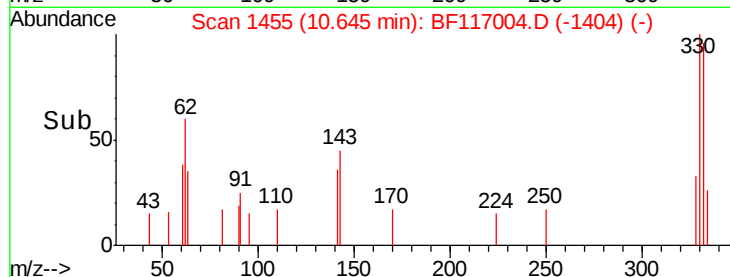
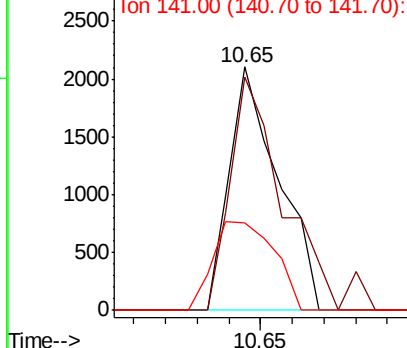
330 100

332 106.3 75.9 113.9

141 45.3 35.6 53.4



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: 2.185 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

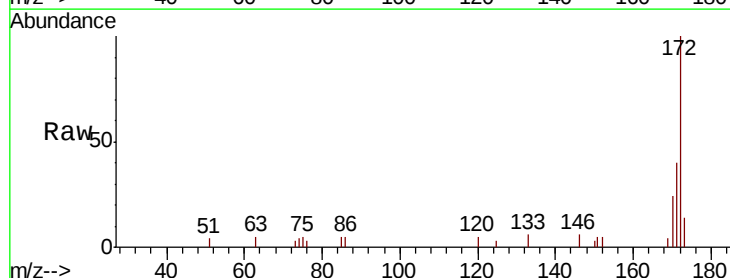
Tgt Ion:172 Resp: 19369

Ion Ratio Lower Upper

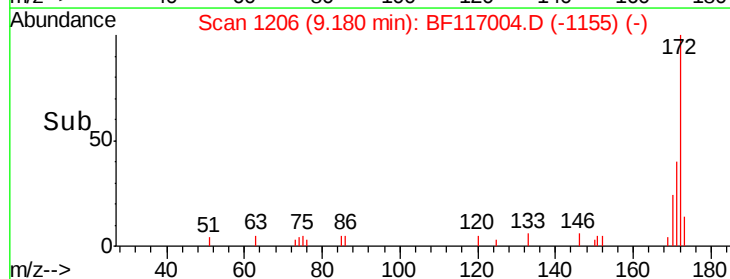
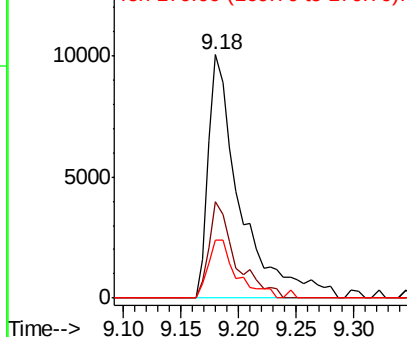
172 100

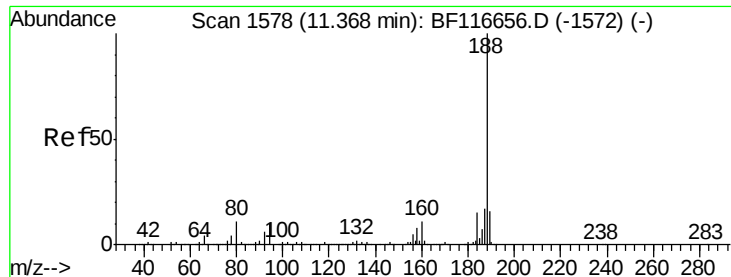
171 39.5 29.1 43.7

170 23.6 19.2 28.8



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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

Instrument :

BNA_F

ClientSampleId :

CSA-4-2

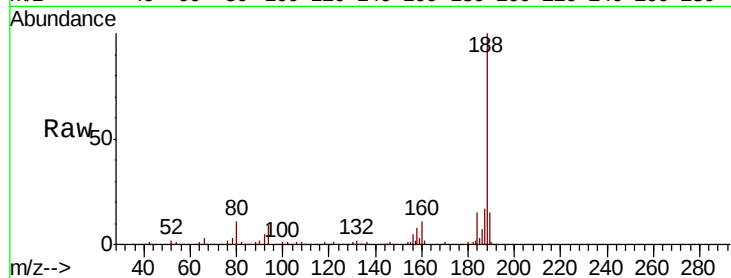
Tot Ion:188 Resp: 226686

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

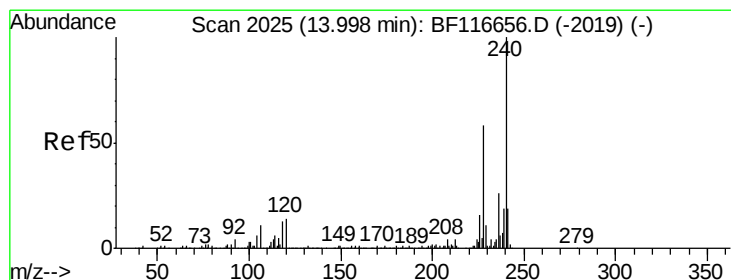
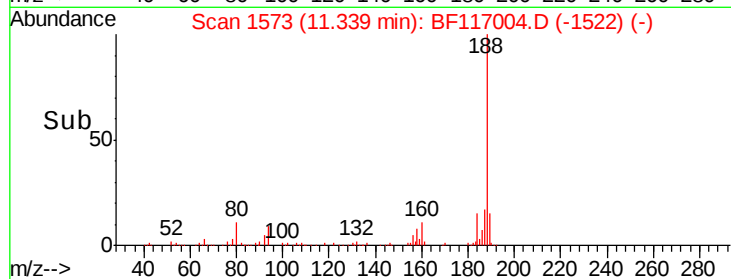
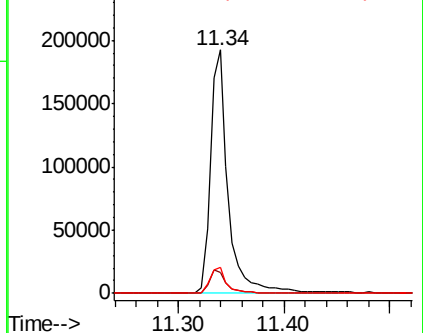
80 10.5 8.5 12.7



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117004.D

Acq: 12 Sep 2019 20:44

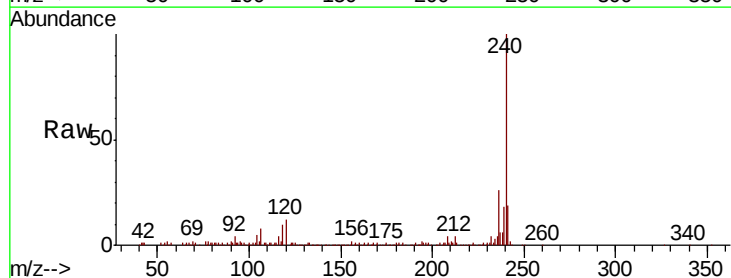
Tgt Ion:240 Resp: 158196

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

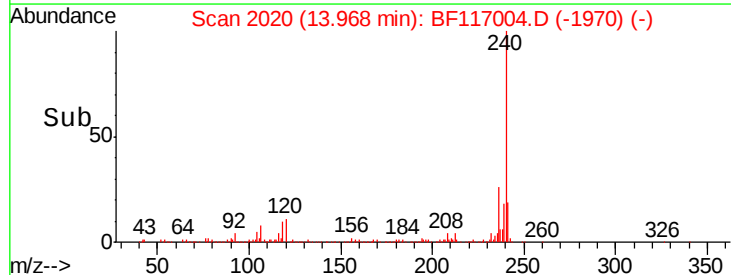
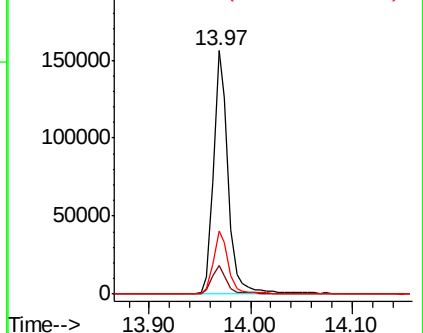
236 25.7 20.9 31.3

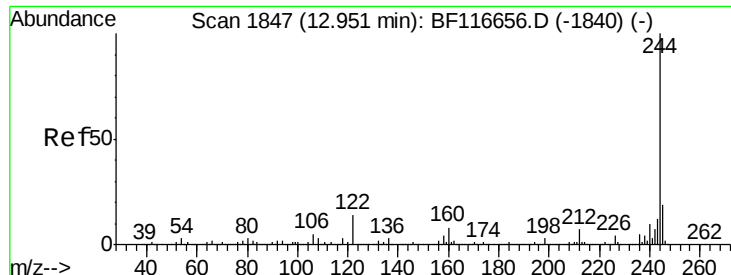


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

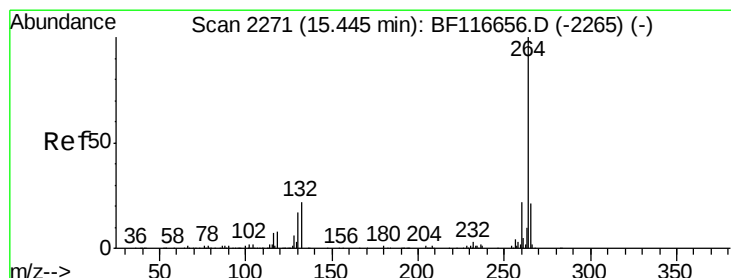
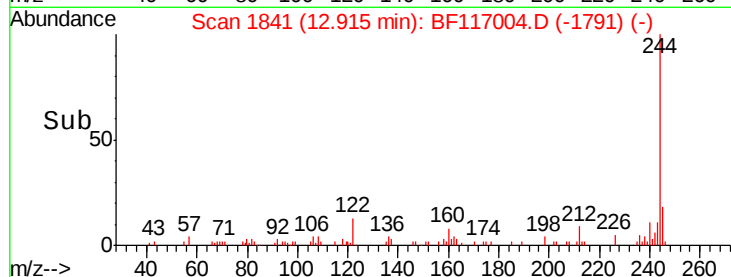
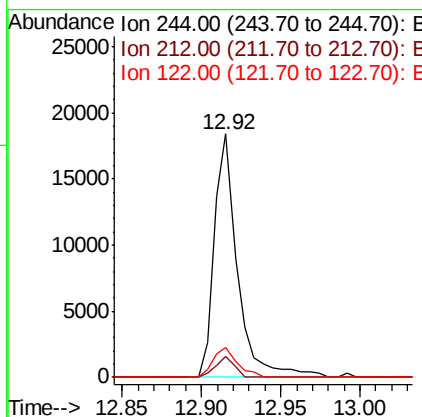
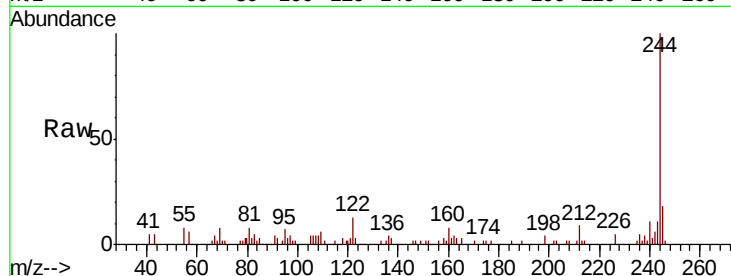




#79
 Terphenyl-d14
 Concen: 2.191 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF117004.D
 Acq: 12 Sep 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :
 CSA-4-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.7	8.5#
122	12.5	11.5	17.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF117004.D
 Acq: 12 Sep 2019 20:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.4
265	21.9	17.9	26.9

