

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117003.D
 Acq On : 12 Sep 2019 20:17
 Operator : HP/JU
 Sample : K4825-06 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-4-1

Quant Time: Sep 13 08:29:53 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	62559	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	284455	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	147099	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	242760	20.00	ng	0.00
76) Chrysene-d12	13.97	240	173055	20.00	ng	0.00
87) Perylene-d12	15.42	264	169929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	10629	2.75	ng	0.00
7) Phenol-d6	6.46	99	15840	3.12	ng	0.00
23) Nitrobenzene-d5	7.39	82	9114	1.83	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	3047	3.10	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	23000	2.64	ng	0.00
79) Terphenyl-d14	12.92	244	24051	2.57	ng	0.00

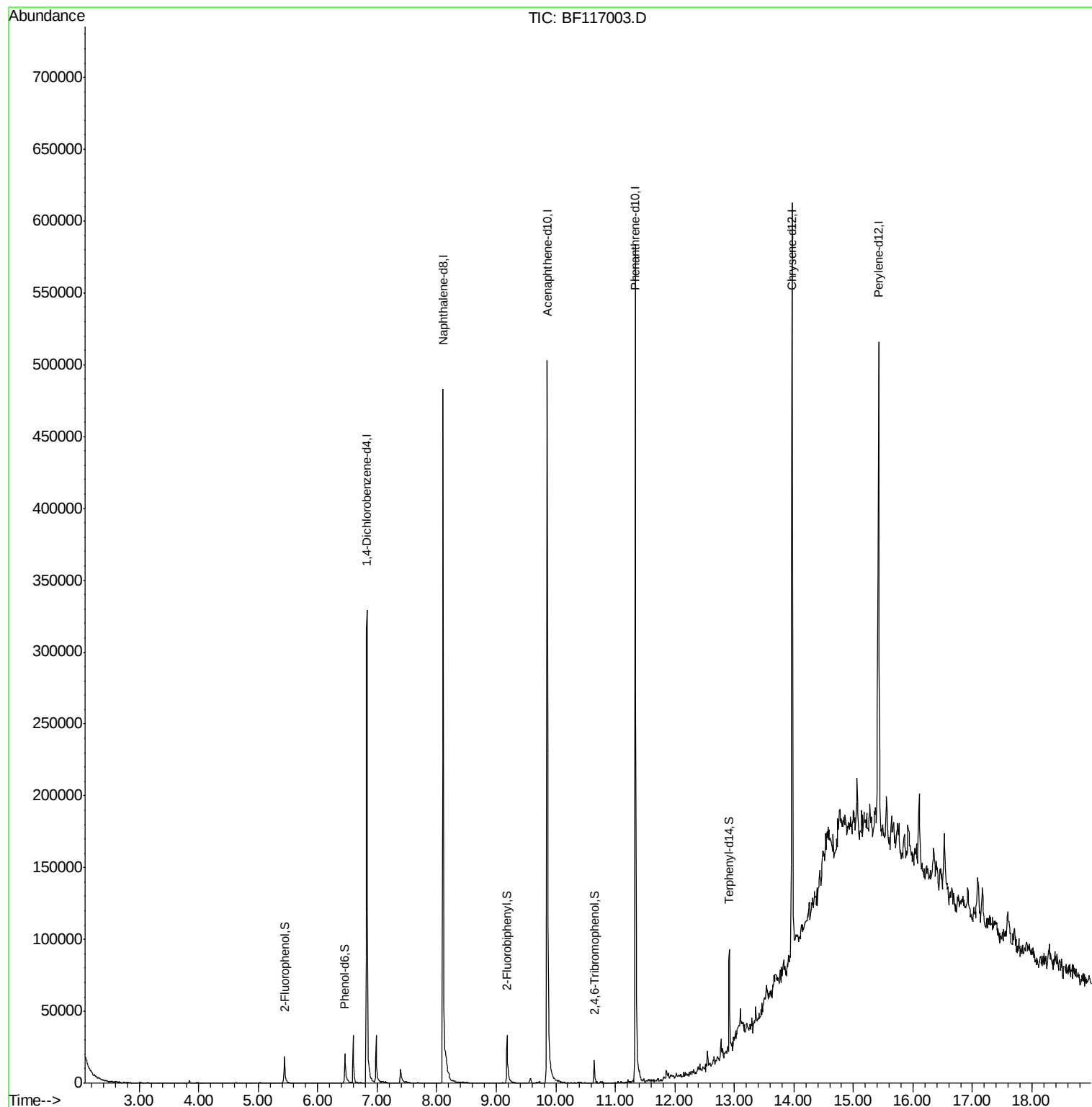
Target Compounds Qvalue

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

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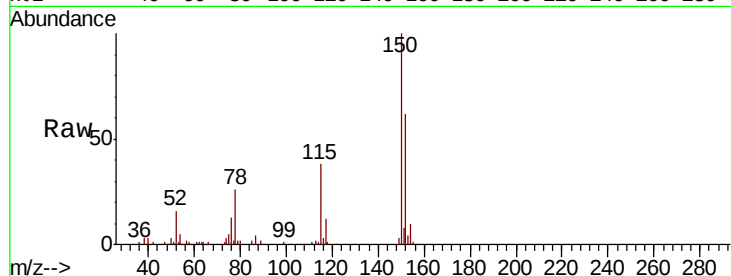


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF117003.D
Acq: 12 Sep 2019 20:17

Instrument :
BNA_F
ClientSampleId :
CSA-4-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.2	189.2
115	61.5	50.2	75.2

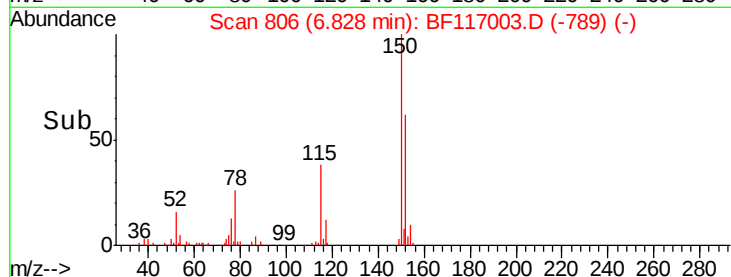
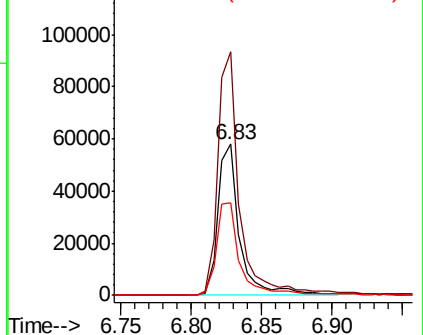


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

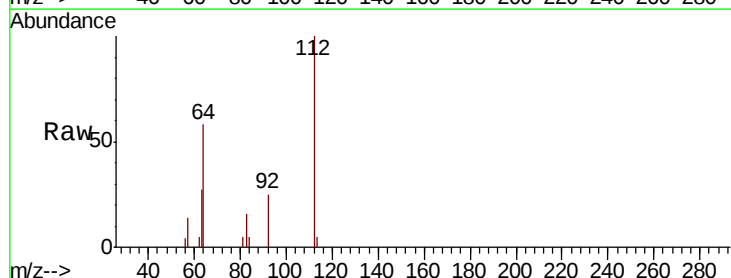
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 2.753 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117003.D
Acq: 12 Sep 2019 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.1	70.7
63	26.7	25.4	38.0

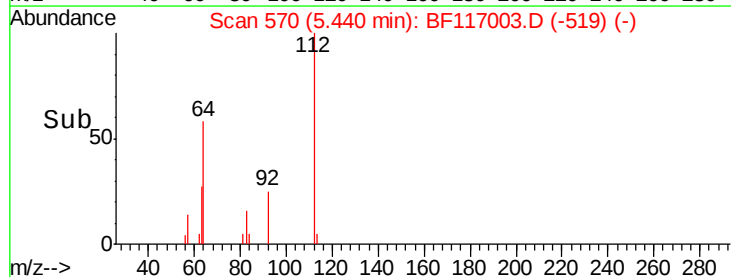
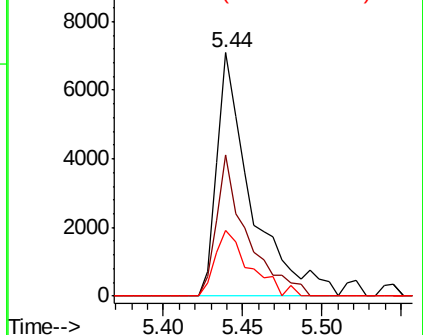


Abundance

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: 3.124 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF117003.D

Acq: 12 Sep 2019 20:17

Instrument :

BNA_F

ClientSampleId :

CSA-4-1

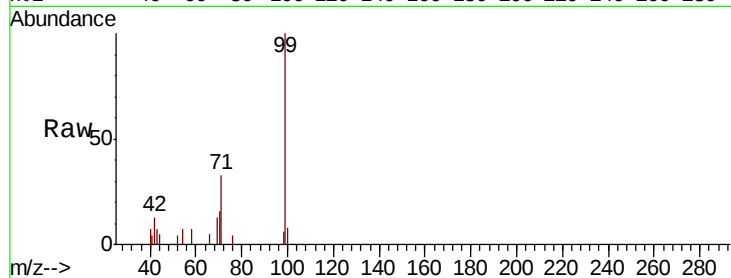
Tot Ion: 99 Resp: 15840

Ion Ratio Lower Upper

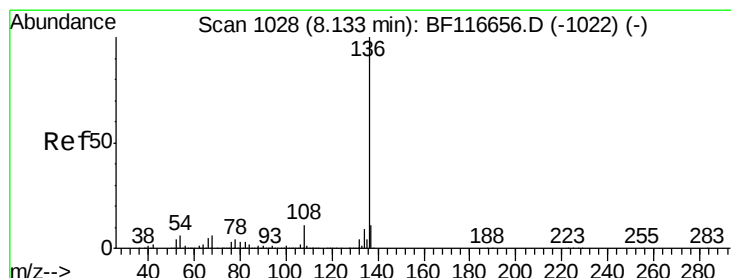
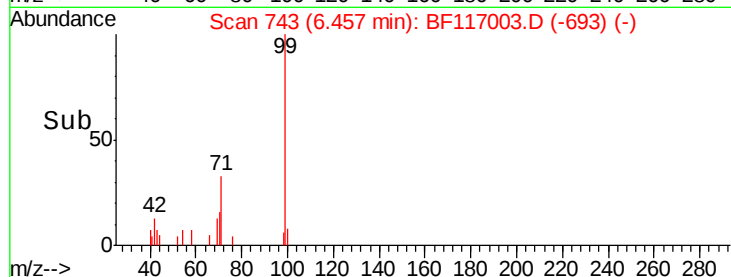
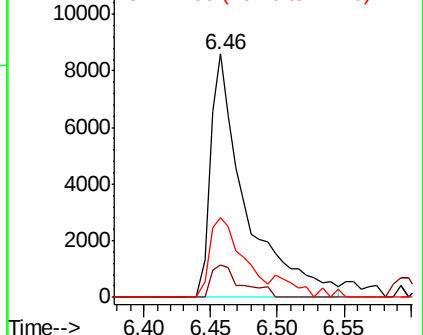
99 100

42 13.3 12.0 18.0

71 32.9 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: BF117003.D

Acq: 12 Sep 2019 20:17

Tgt Ion: 136 Resp: 284455

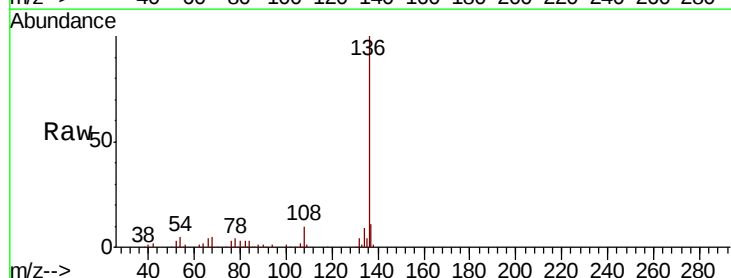
Ion Ratio Lower Upper

136 100

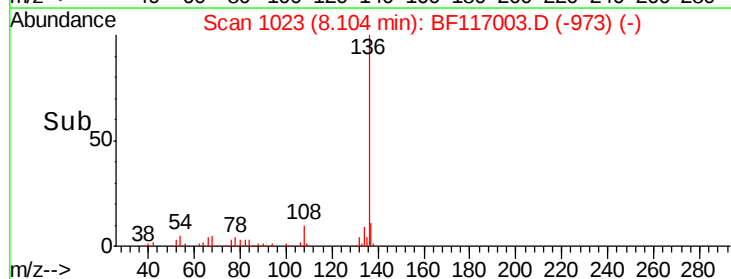
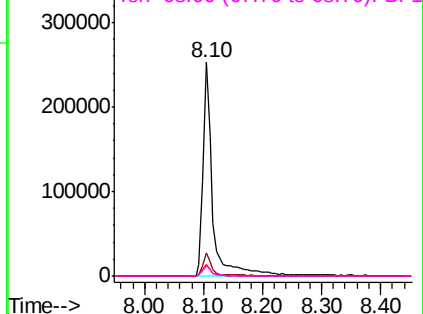
137 10.6 8.5 12.7

54 5.3 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

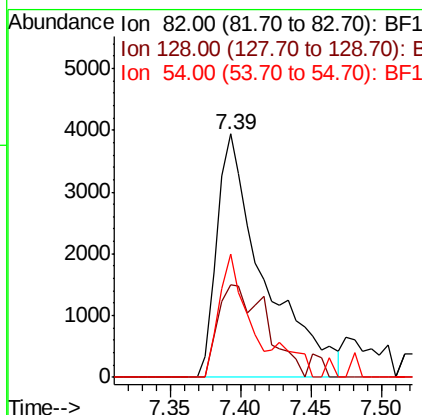
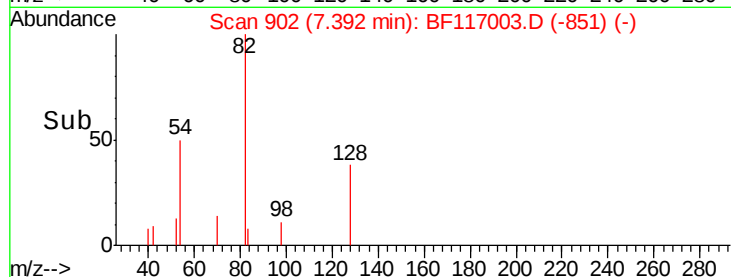
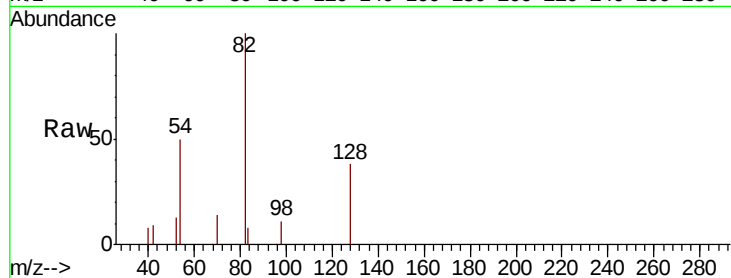




#23
 Nitrobenzene-d5
 Concen: 1.829 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF117003.D
 Acq: 12 Sep 2019 20:17

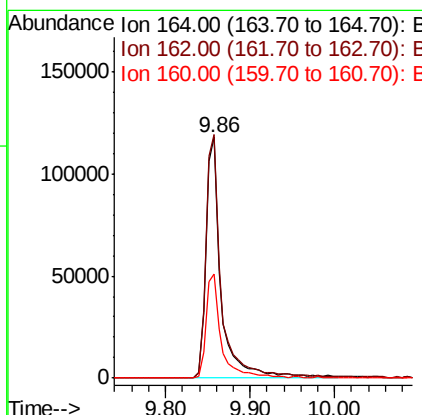
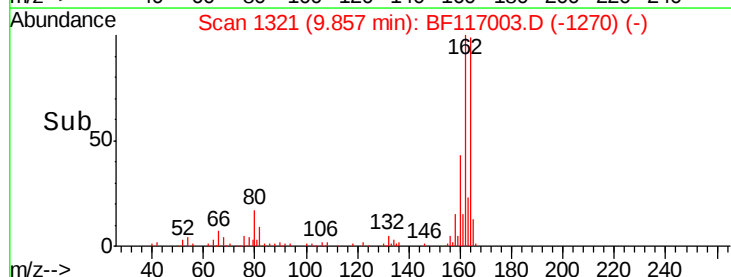
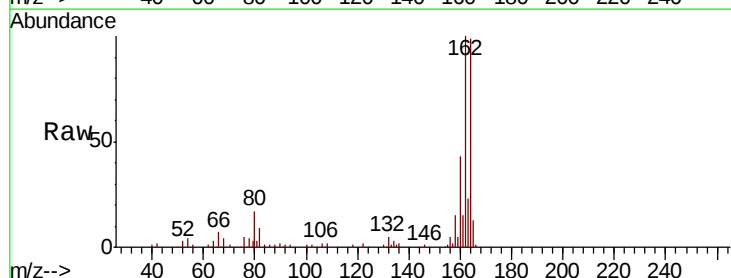
Instrument :
 BNA_F
 ClientSampled :
 CSA-4-1

Tot Ion	82	Resp	9114
Ion Ratio	Lower	Upper	
82	100		
128	38.1	35.0	52.4
54	50.4	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: BF117003.D
 Acq: 12 Sep 2019 20:17

Tgt Ion	164	Resp	147099
Ion Ratio	Lower	Upper	
164	100		
162	101.1	81.8	122.6
160	43.4	35.7	53.5

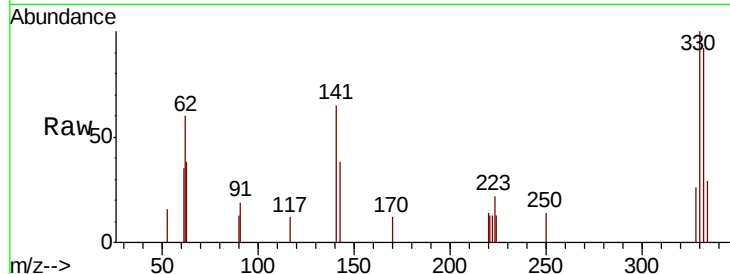




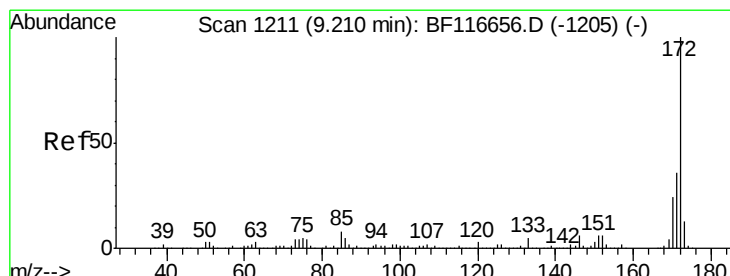
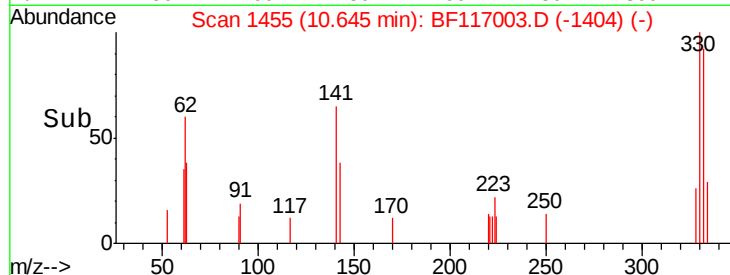
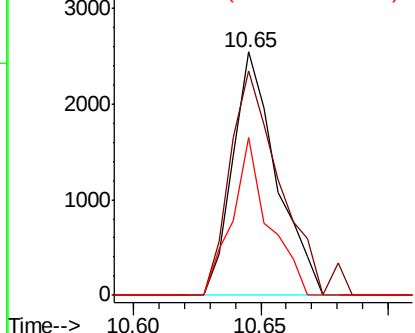
#42
 2,4,6-Tribromophenol
 Concen: 3.098 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117003.D
 Acq: 12 Sep 2019 20:17

Instrument :
 BNA_F
 ClientSampled :
 CSA-4-1

Tot Ion:330 Resp: 3047
 Ion Ratio Lower Upper
 330 100
 332 106.9 75.9 113.9
 141 54.2 35.6 53.4#

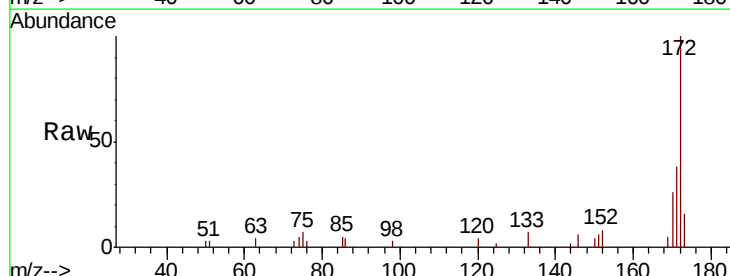


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

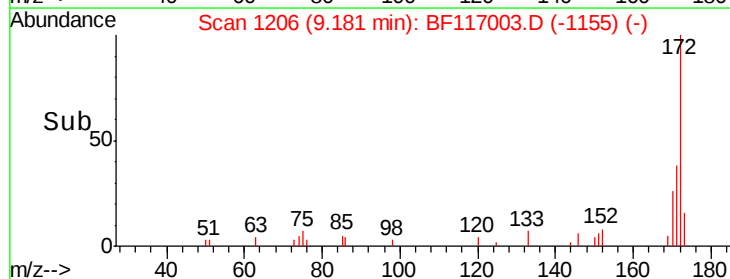
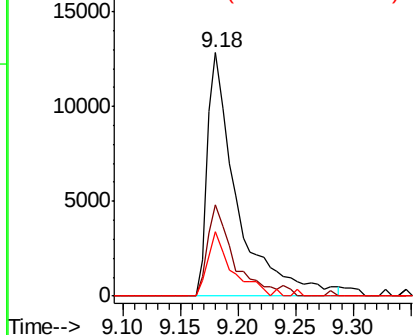


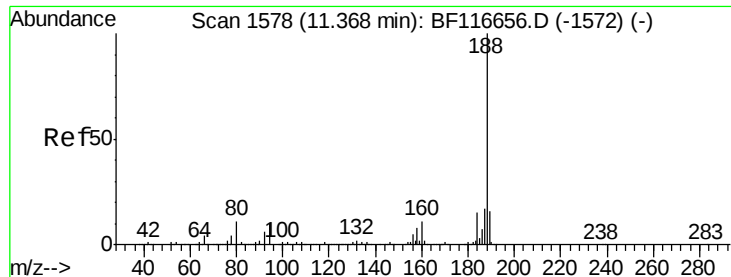
#45
 2-Fluorobiphenyl
 Concen: 2.638 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF117003.D
 Acq: 12 Sep 2019 20:17

Tgt Ion:172 Resp: 23000
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.1 43.7
 170 26.4 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: BF117003.D

Acq: 12 Sep 2019 20:17

Instrument :

BNA_F

ClientSampleId :

CSA-4-1

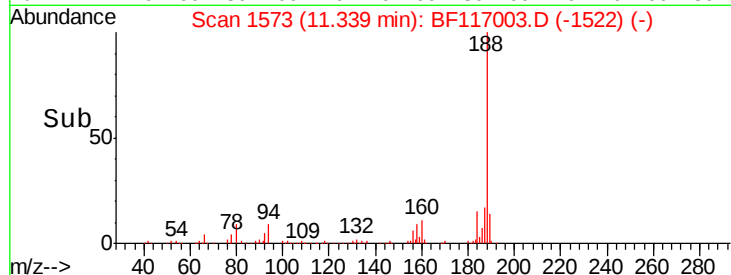
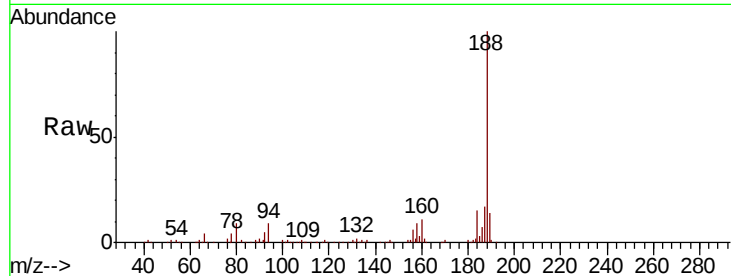
Tot Ion:188 Resp: 242760

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

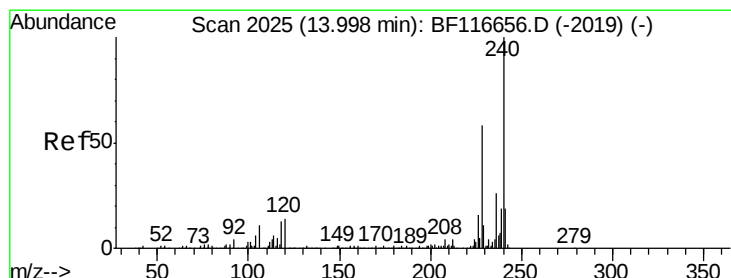
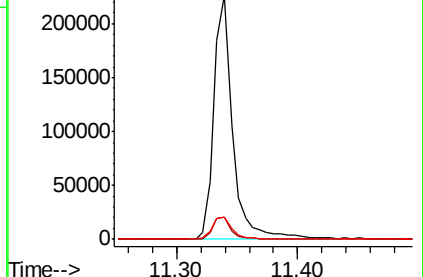
80 9.4 8.5 12.7



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: BF117003.D

Acq: 12 Sep 2019 20:17

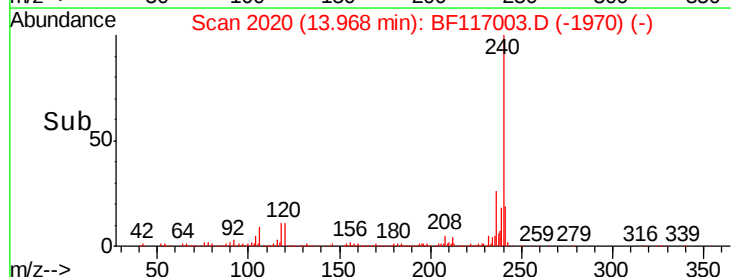
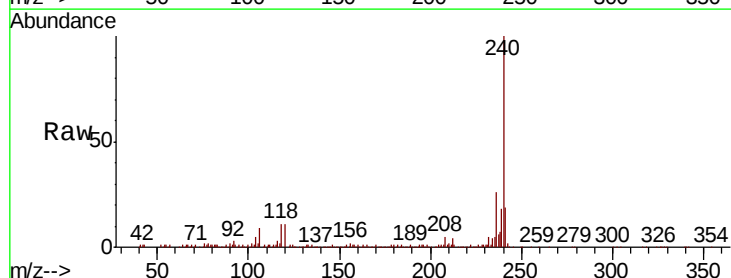
Tgt Ion:240 Resp: 173055

Ion Ratio Lower Upper

240 100

120 10.6 9.1 13.7

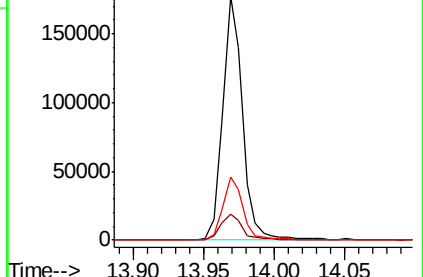
236 25.9 20.9 31.3

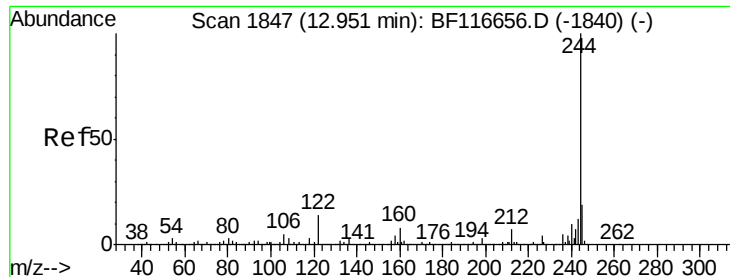


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

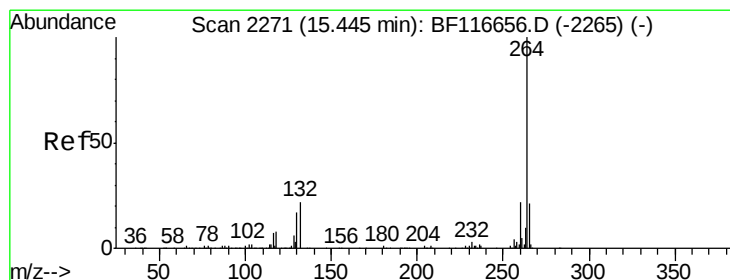
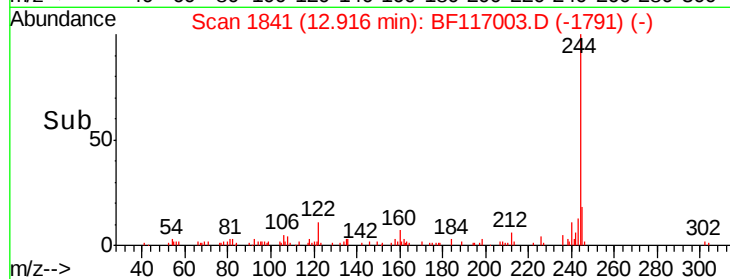
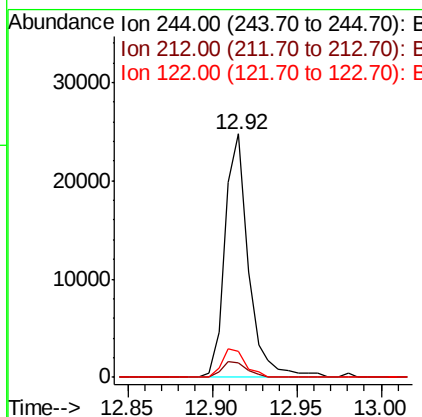
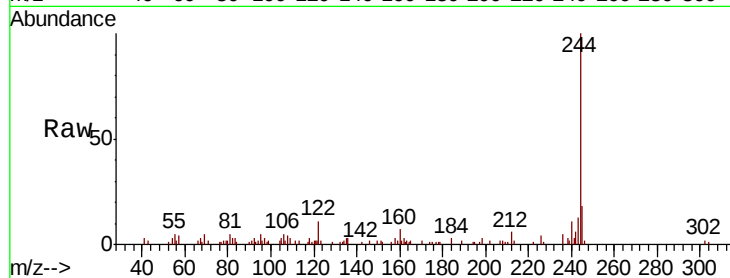




#79
 Terphenyl-d14
 Concen: 2.571 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF117003.D
 Acq: 12 Sep 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 CSA-4-1

Tot Ion:244 Resp: 24051
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.7 8.5
 122 10.6 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: BF117003.D
 Acq: 12 Sep 2019 20:17

Tgt Ion:264 Resp: 169929
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 19.0 17.9 26.9

