

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117084.D
 Acq On : 17 Sep 2019 1:58
 Operator : HP/JU
 Sample : K4862-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-4-5

Quant Time: Sep 17 08:07:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60224	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	223064	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	101927	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	152444	20.00	ng	0.00
76) Chrysene-d12	13.97	240	82340	20.00	ng	0.00
87) Perylene-d12	15.42	264	65206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	448237	116.20	ng	0.02
7) Phenol-d6	6.47	99	528879	106.09	ng	0.01
23) Nitrobenzene-d5	7.39	82	358638	84.48	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	111336	130.70	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	660284	101.29	ng	0.00
79) Terphenyl-d14	12.92	244	549082	124.65	ng	0.00

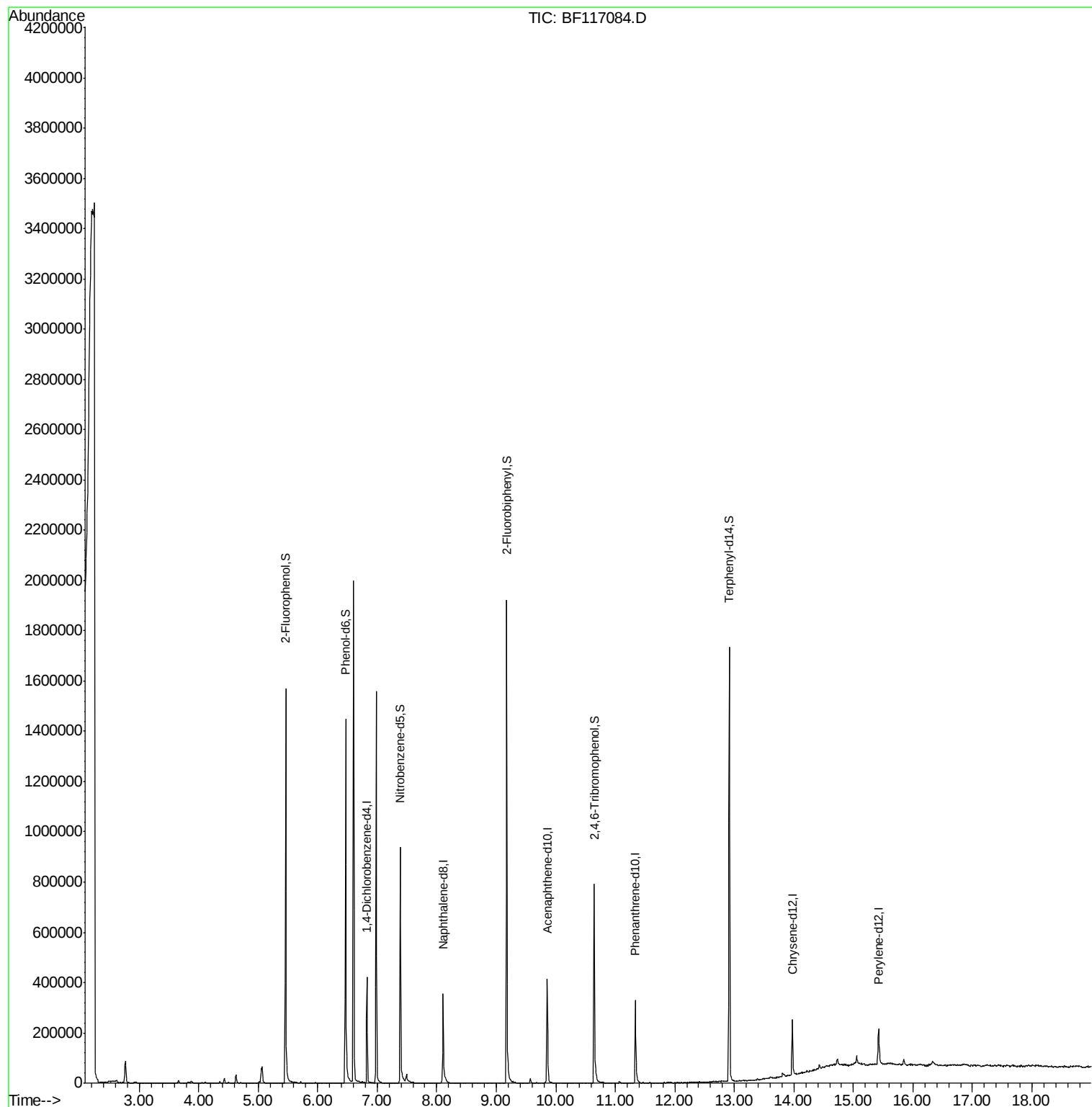
Target Compounds Qvalue

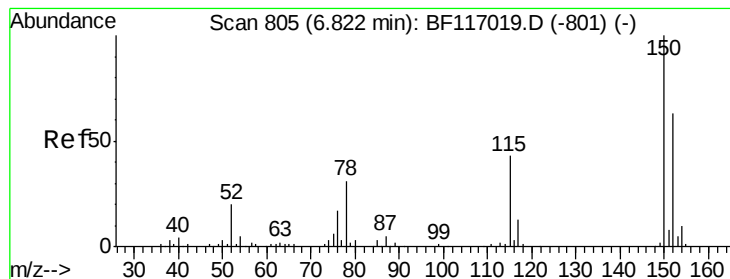
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF117084.D

Acq: 17 Sep 2019 1:58

Instrument :

BNA_F

ClientSampleId :

CSA-4-5

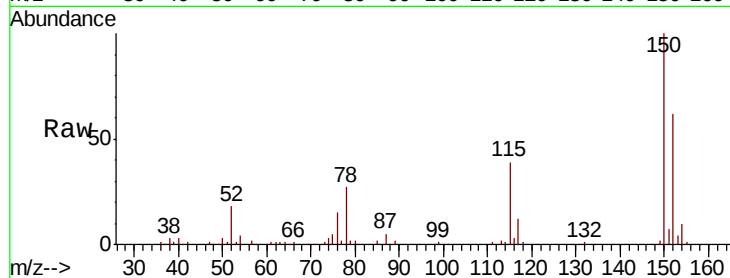
Tot Ion:152 Resp: 60224

Ion Ratio Lower Upper

152 100

150 161.0 127.5 191.3

115 63.2 55.0 82.4

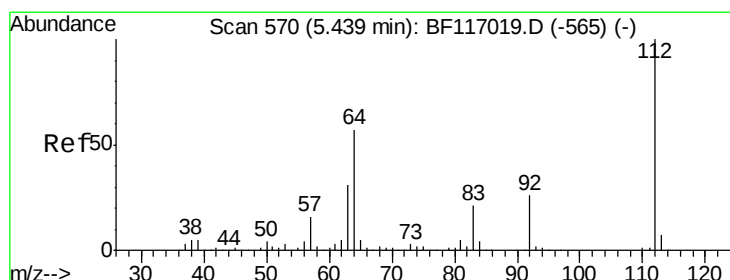
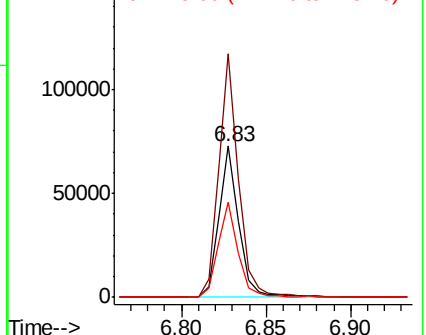
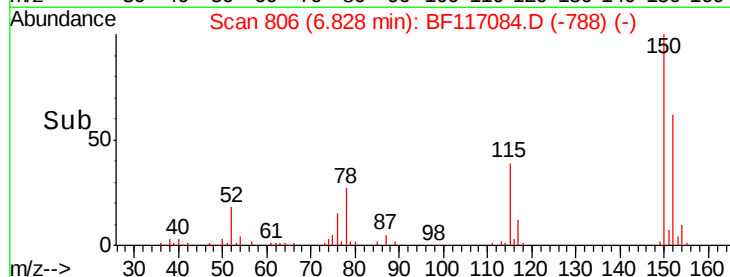


Abundance

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: 116.201 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF117084.D

Acq: 17 Sep 2019 1:58

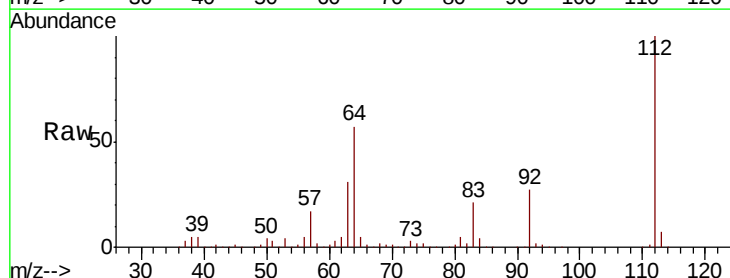
Tgt Ion:112 Resp: 448237

Ion Ratio Lower Upper

112 100

64 56.5 45.7 68.5

63 30.7 24.9 37.3

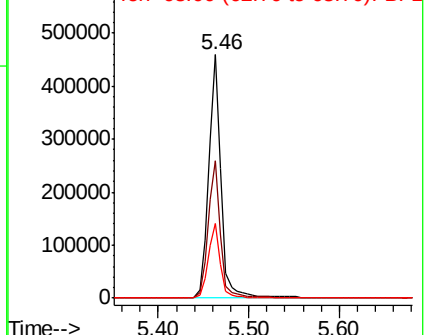
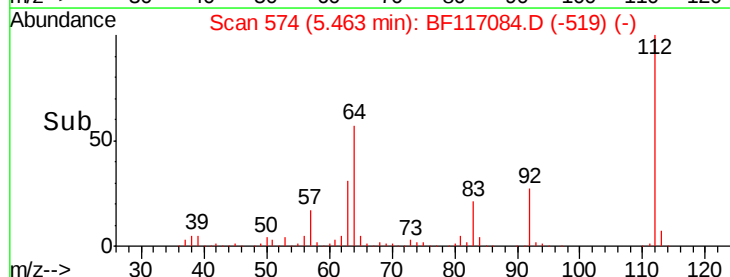


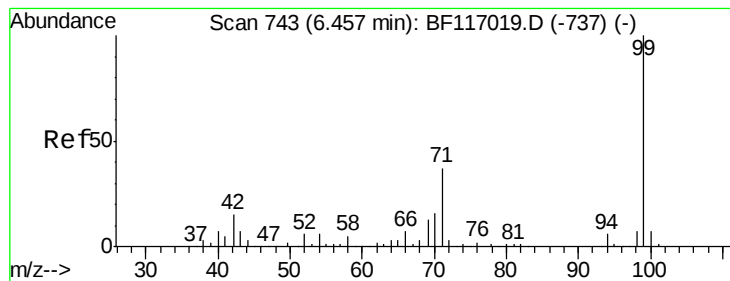
Abundance

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: 106.090 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117084.D

Acq: 17 Sep 2019 1:58

Instrument :

BNA_F

ClientSampleId :

CSA-4-5

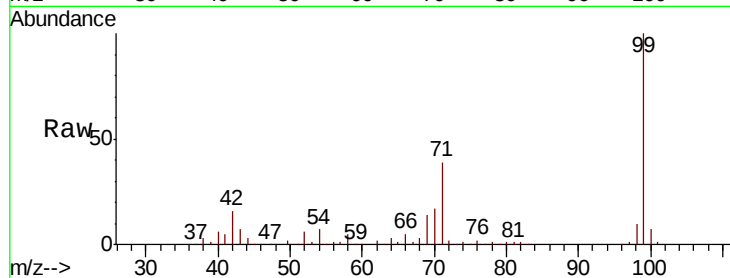
Tot Ion: 99 Resp: 528879

Ion Ratio Lower Upper

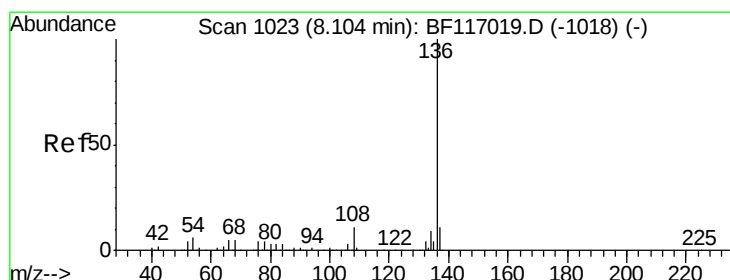
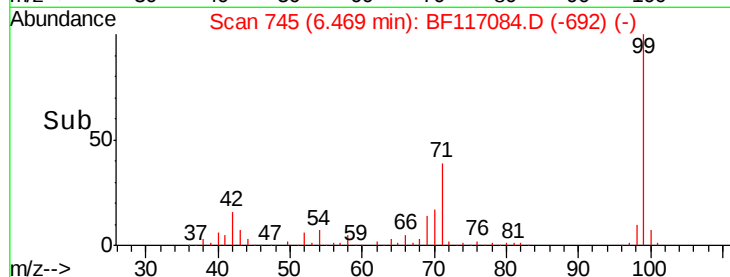
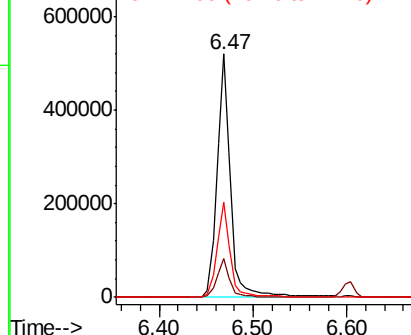
99 100

42 16.0 12.2 18.2

71 39.2 29.8 44.8



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. 0.00 min

Lab File: BF117084.D

Acq: 17 Sep 2019 1:58

Tgt Ion: 136 Resp: 223064

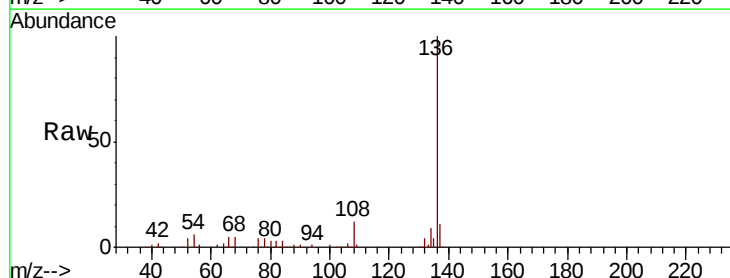
Ion Ratio Lower Upper

136 100

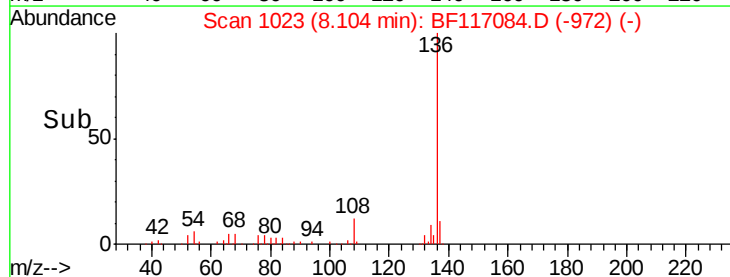
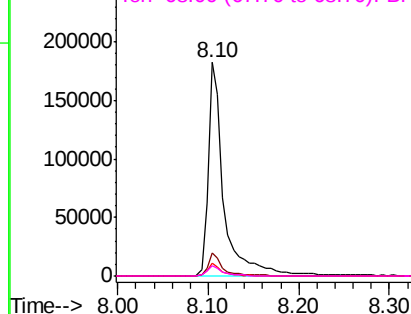
137 10.6 9.0 13.4

54 5.7 4.5 6.7

68 4.9 4.0 6.0



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

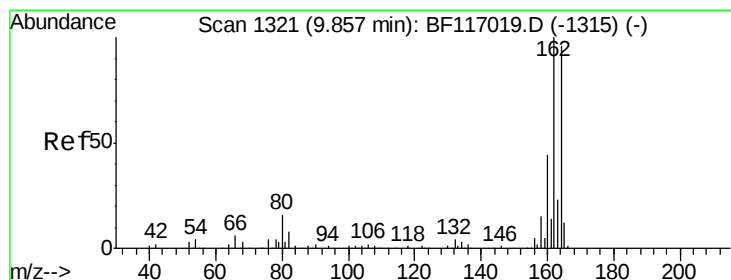
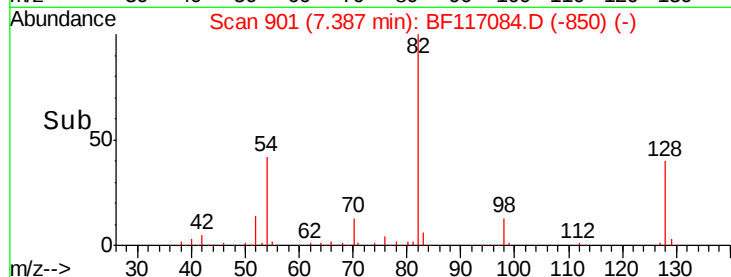
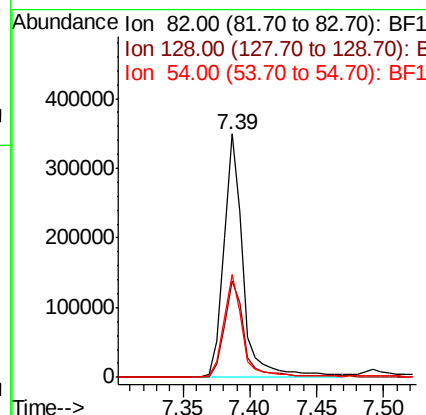
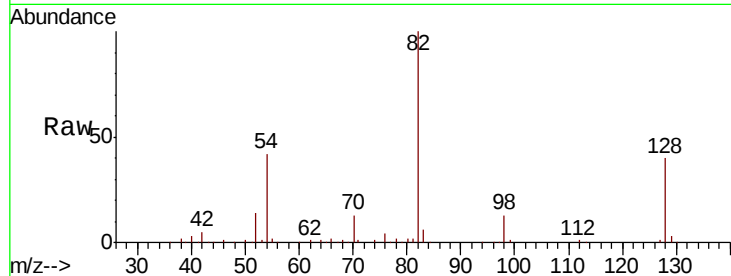




#23
Nitrobenzene-d5
Concen: 84.477 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117084.D
Acq: 17 Sep 2019 1:58

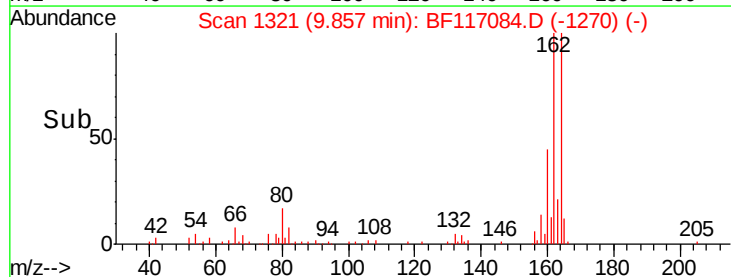
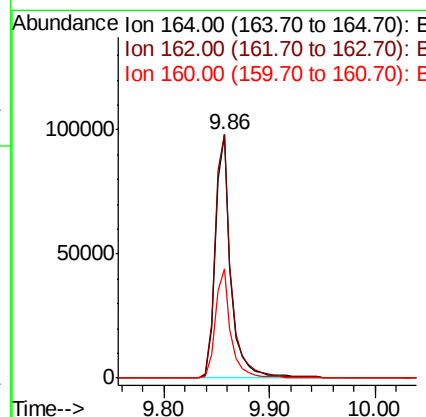
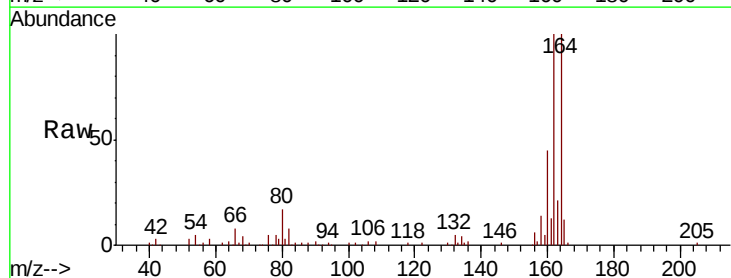
Instrument :
BNA_F
ClientSampleId :
CSA-4-5

Tot Ion	82	Resp	358638
Ion Ratio	100	Lower	Upper
128	39.8	32.3	48.5
54	42.0	33.3	49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117084.D
Acq: 17 Sep 2019 1:58

Tgt Ion	164	Resp	101927
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.1	83.4	125.2
160	44.7	36.4	54.6

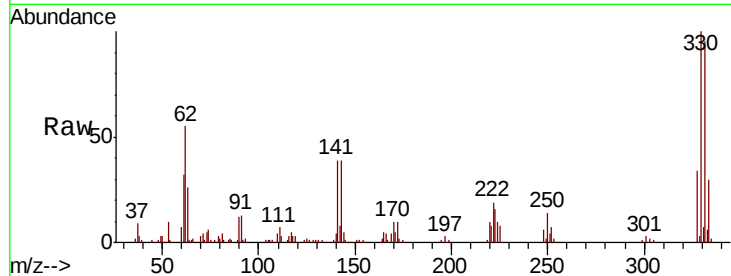




#42
 2,4,6-Tribromophenol
 Concen: 130.695 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117084.D
 Acq: 17 Sep 2019 1:58

Instrument :
 BNA_F
 ClientSampled :
 CSA-4-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	45.6	35.8	53.6

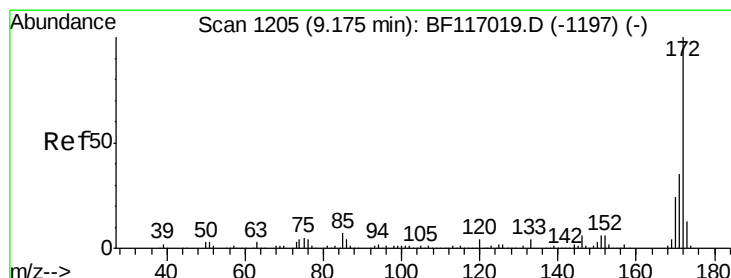
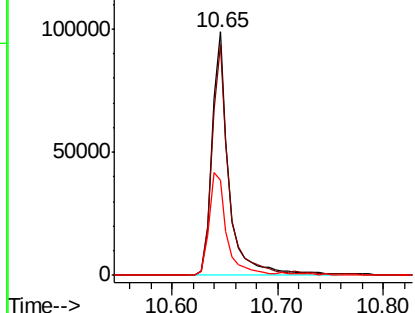
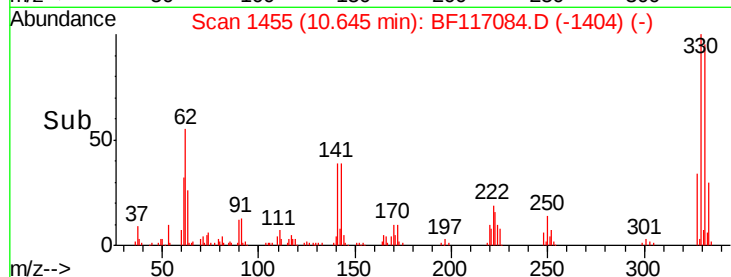


Abundance

Ion 329.80 (329.50 to 330.50): E

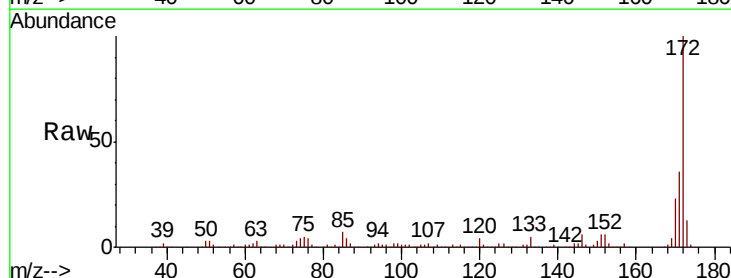
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.289 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117084.D
 Acq: 17 Sep 2019 1:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.4	18.9	28.3

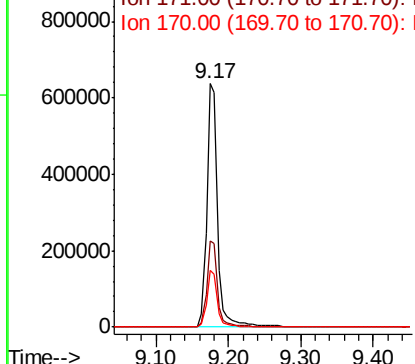
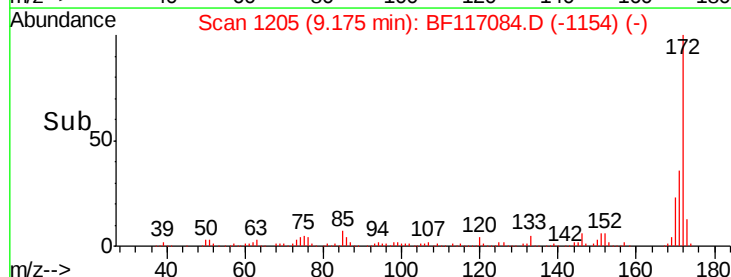


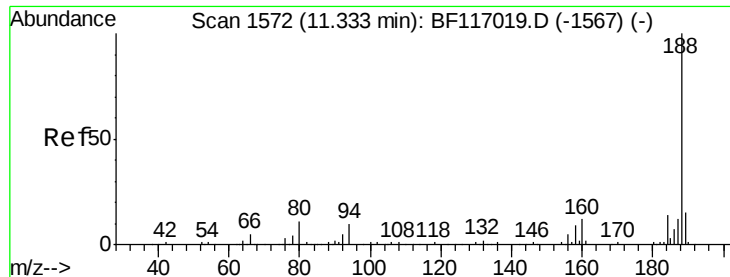
Abundance

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

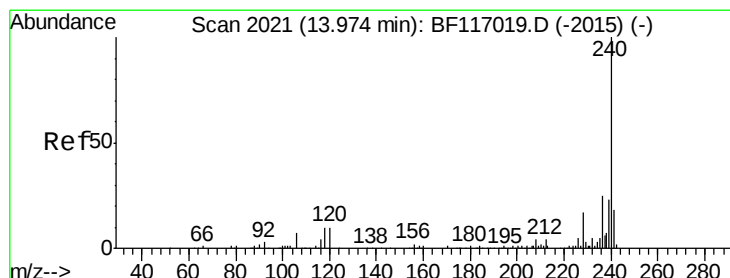
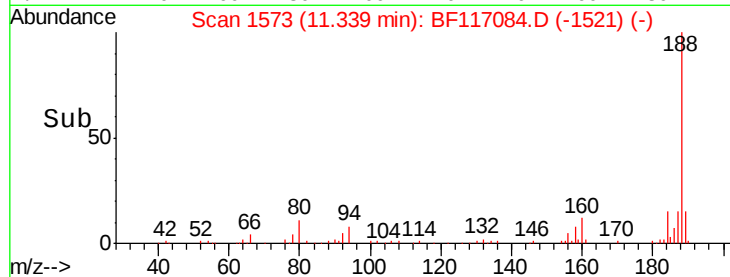
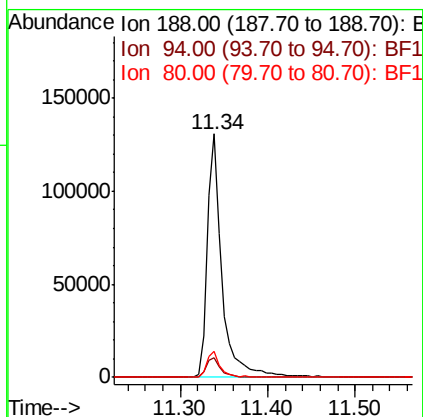
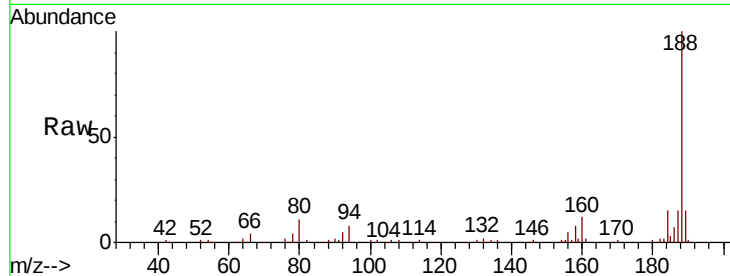




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117084.D
Acq: 17 Sep 2019 1:58

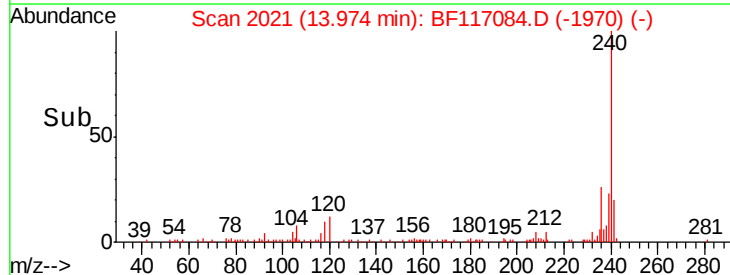
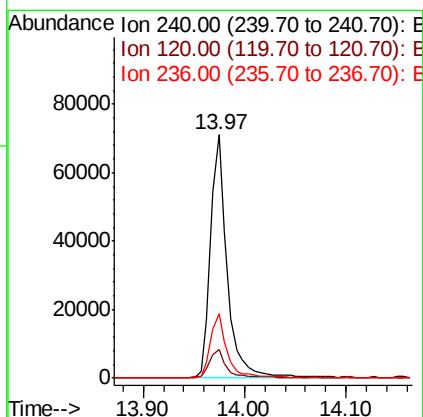
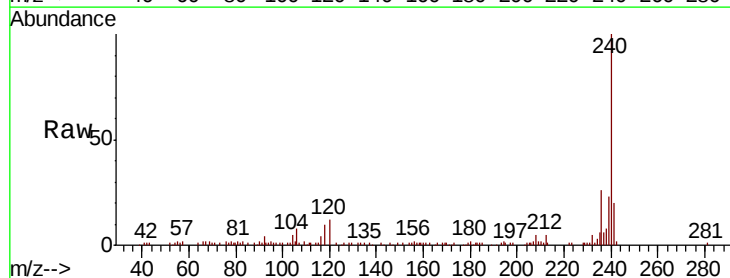
Instrument :
BNA_F
ClientSampleId :
CSA-4-5

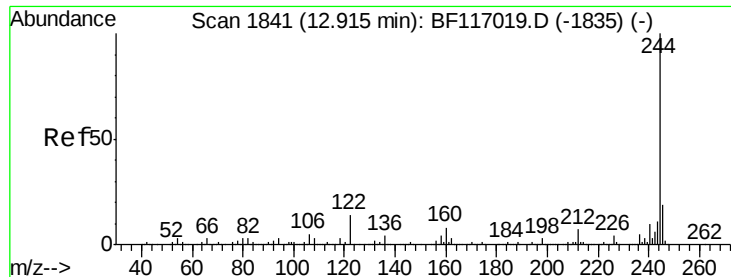
Tot Ion:188 Resp: 152444
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117084.D
Acq: 17 Sep 2019 1:58

Tgt Ion:240 Resp: 82340
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 26.2 20.3 30.5

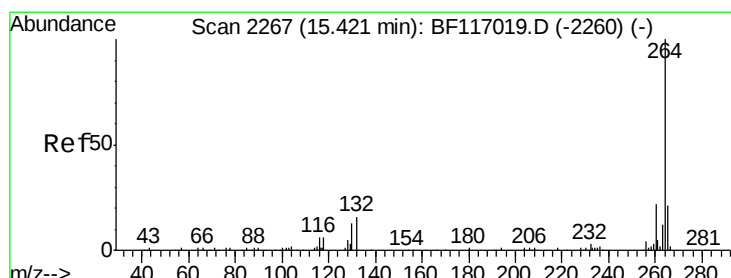
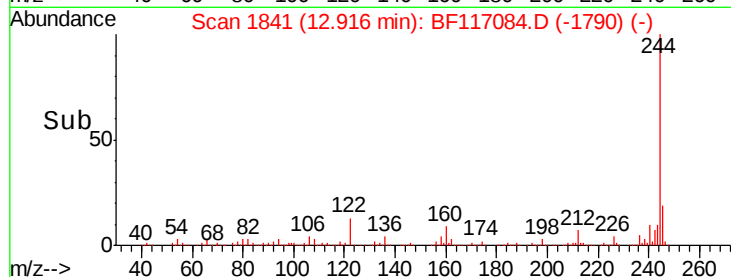
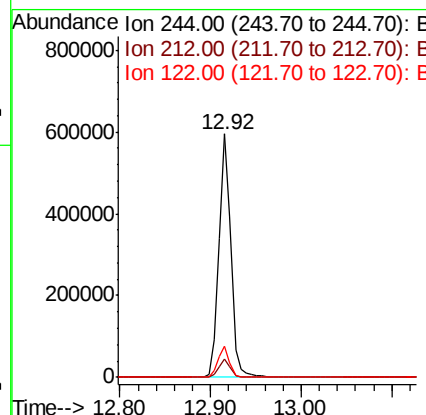
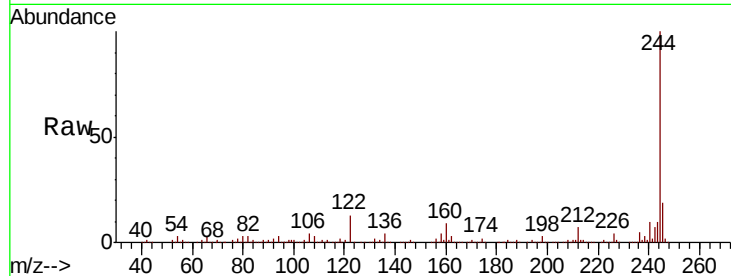




#79
 Terphenyl-d14
 Concen: 124.649 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117084.D
 Acq: 17 Sep 2019 1:58

Instrument :
 BNA_F
 ClientSampleId :
 CSA-4-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.9	11.3	16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF117084.D
 Acq: 17 Sep 2019 1:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.6	17.6	26.4#
265	22.9	16.6	24.8

