

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117045.D
 Acq On : 14 Sep 2019 1:32
 Operator : HP/JU
 Sample : K4863-13 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-5

Quant Time: Sep 14 06:18:24 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	6.82	152	61447	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	277160	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	138073	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	199526	20.00	ng	0.00
76) Chrysene-d12	13.96	240	130721	20.00	ng	-0.01
87) Perylene-d12	15.41	264	112631	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	4589	1.17	ng	0.01
7) Phenol-d6	6.46	99	8597	1.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	3386	0.64	ng	0.01
42) 2,4,6-Tribromophenol	10.65	330	1273	1.10	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	12463	1.41	ng	0.00
79) Terphenyl-d14	12.91	244	10611	1.52	ng	0.00

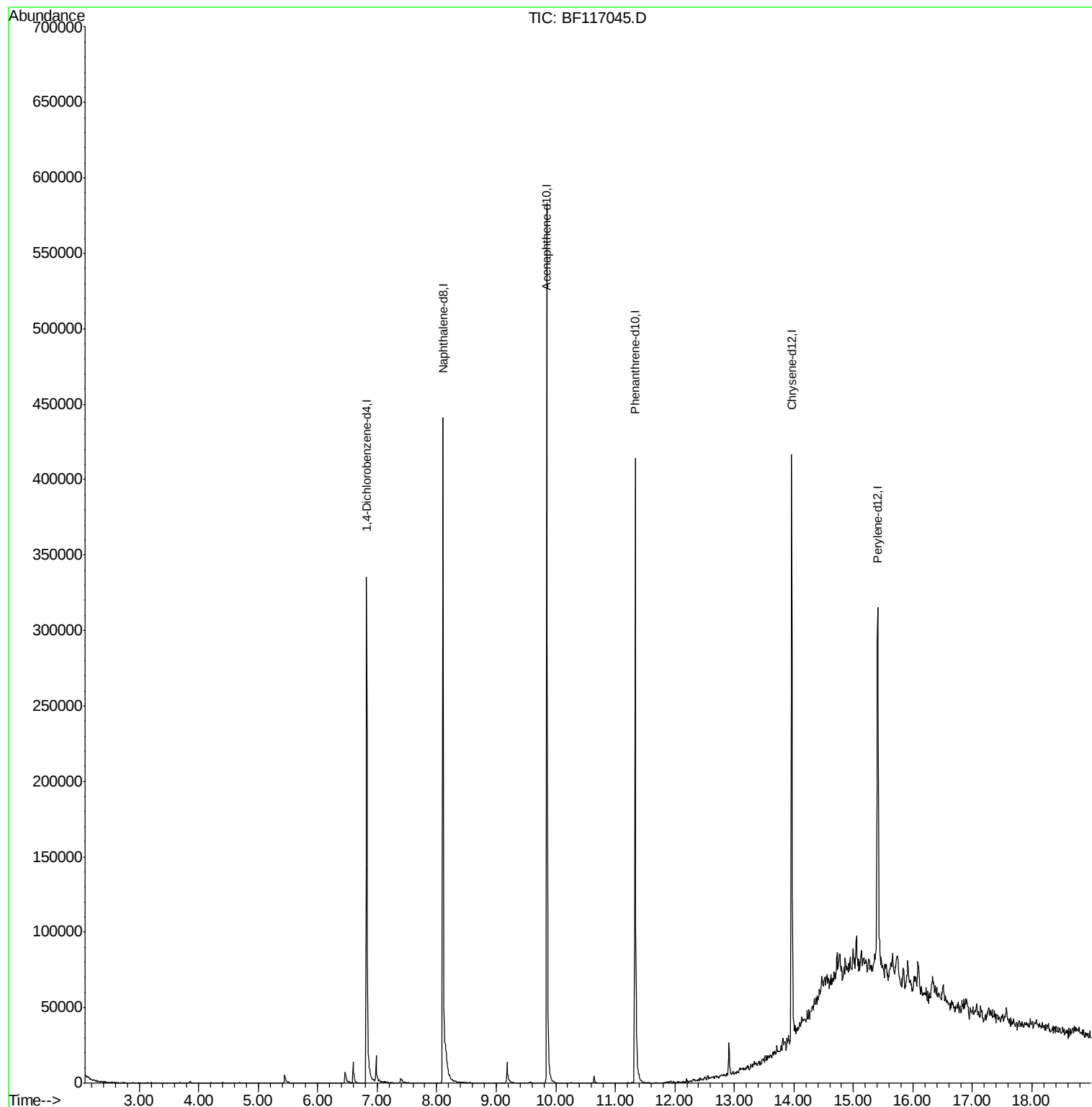
Target Compounds Qvalue

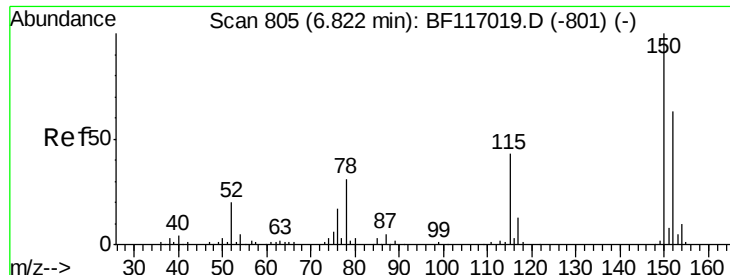
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF117045.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_F

ClientSampleId :

CSA-2-5

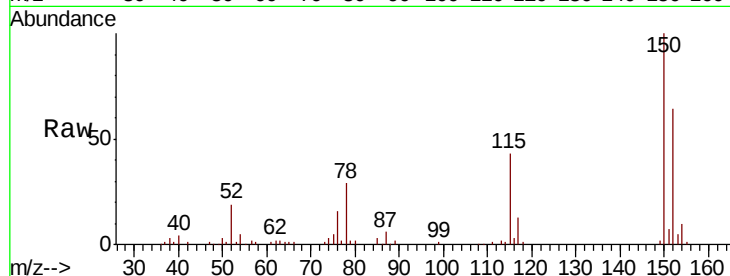
Tot Ion:152 Resp: 61447

Ion Ratio Lower Upper

152 100

150 155.6 127.5 191.3

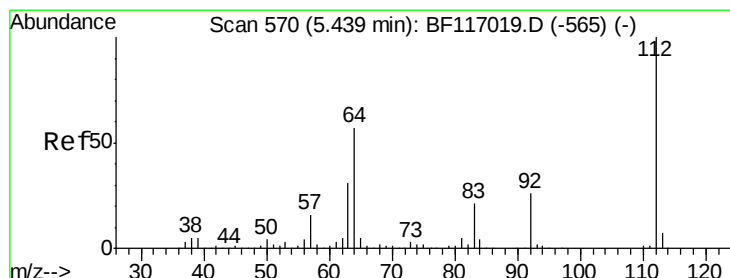
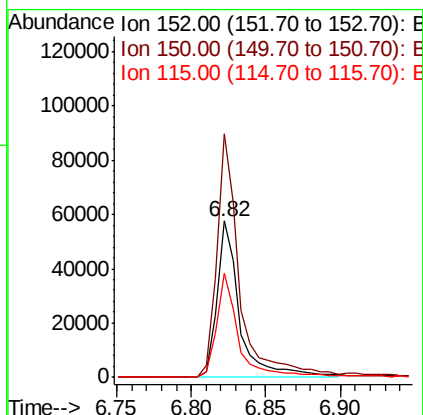
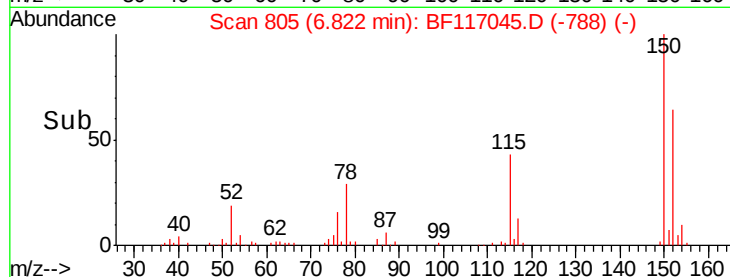
115 66.5 55.0 82.4



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: 1.166 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117045.D

Acq: 14 Sep 2019 1:32

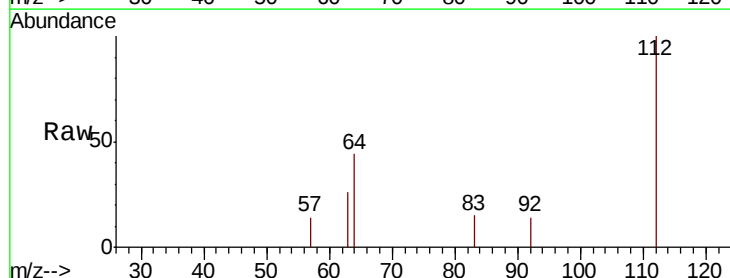
Tgt Ion:112 Resp: 4589

Ion Ratio Lower Upper

112 100

64 43.8 45.7 68.5#

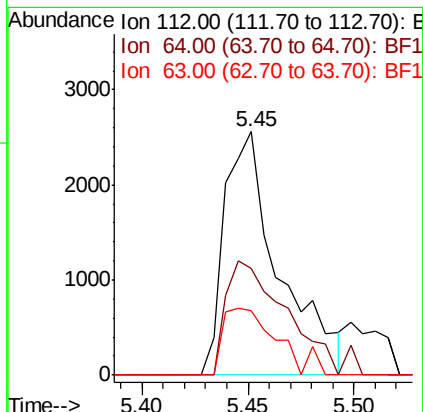
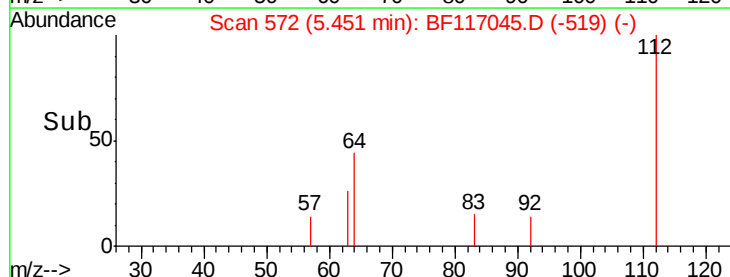
63 26.4 24.9 37.3

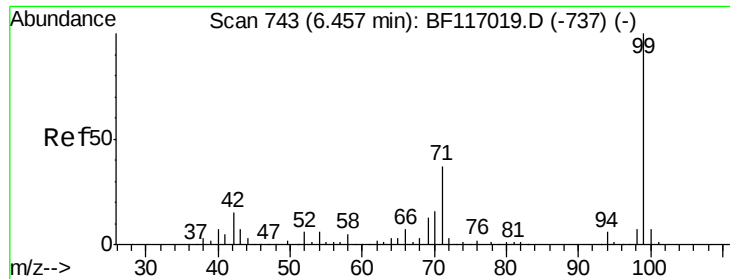


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 1.690 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117045.D

Acq: 14 Sep 2019 1:32

Instrument :

BNA_F

ClientSampleId :

CSA-2-5

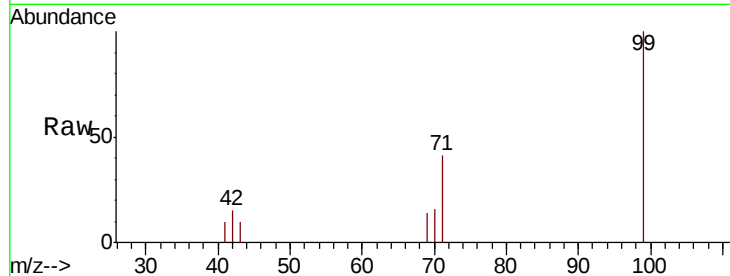
Tot Ion: 99 Resp: 8597

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

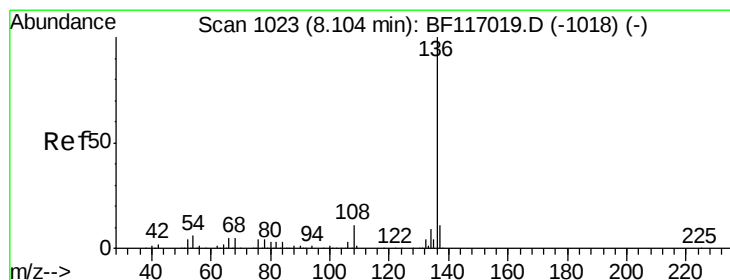
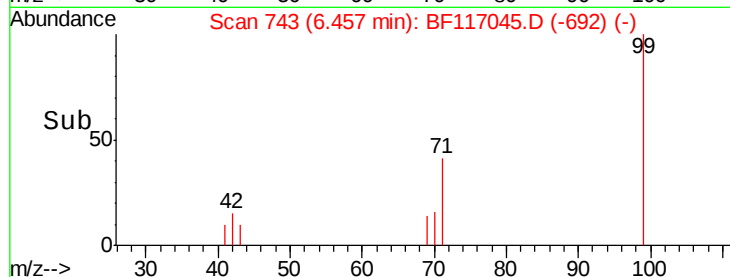
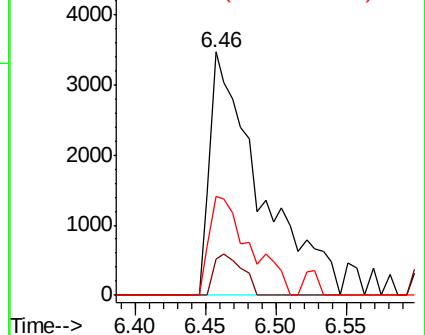
71 40.9 29.8 44.8



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: BF117045.D

Acq: 14 Sep 2019 1:32

Tgt Ion: 136 Resp: 277160

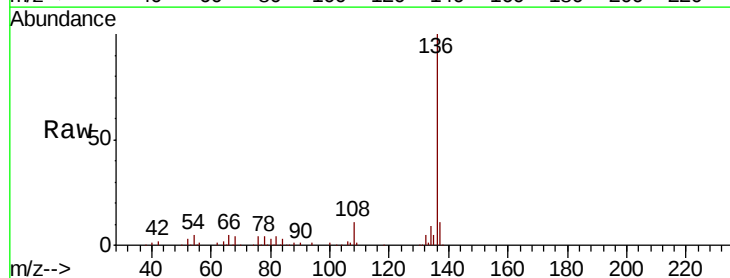
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.1 4.5 6.7

68 4.3 4.0 6.0

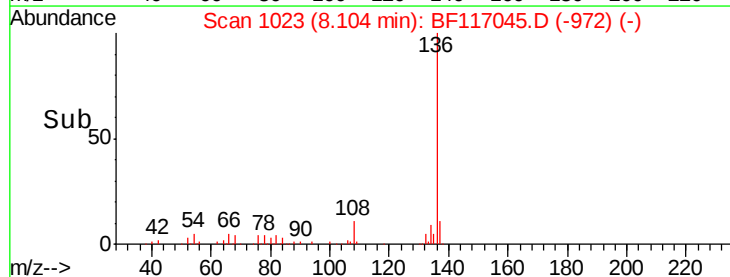
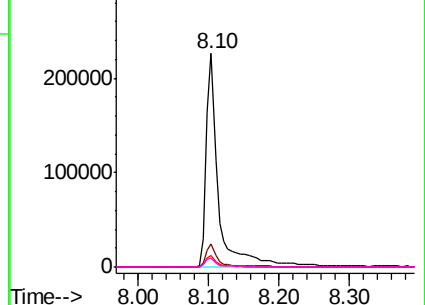


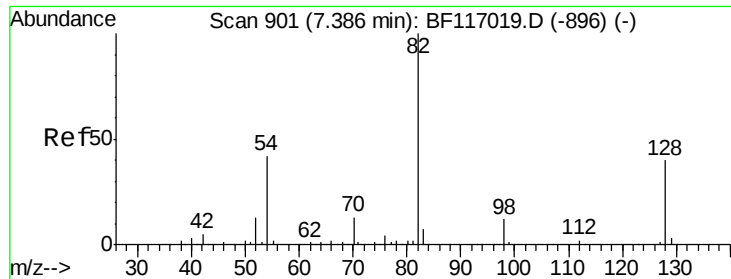
Abundance Ion 136.00 (135.70 to 136.70): E

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

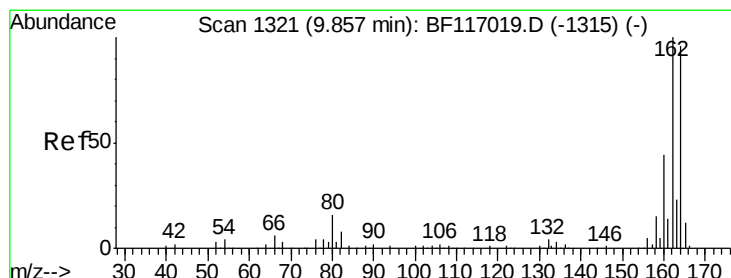
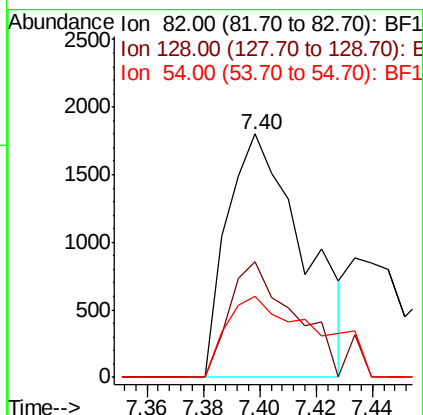
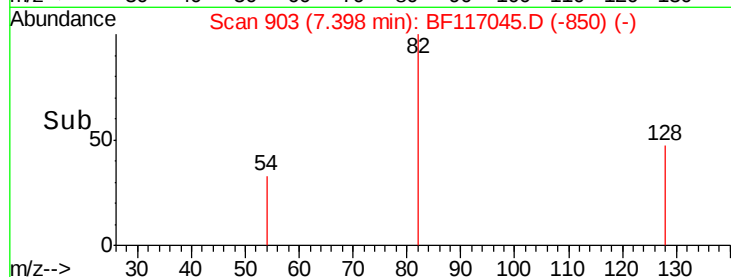
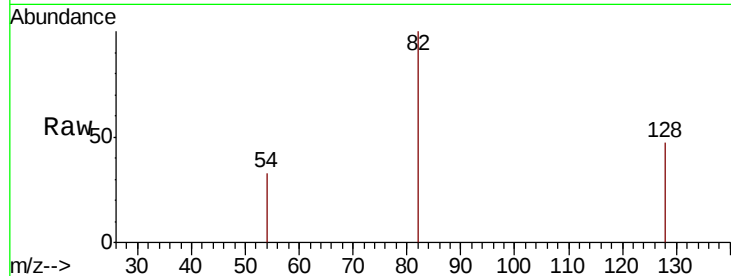




#23
 Nitrobenzene-d5
 Concen: 0.642 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF117045.D
 Acq: 14 Sep 2019 1:32

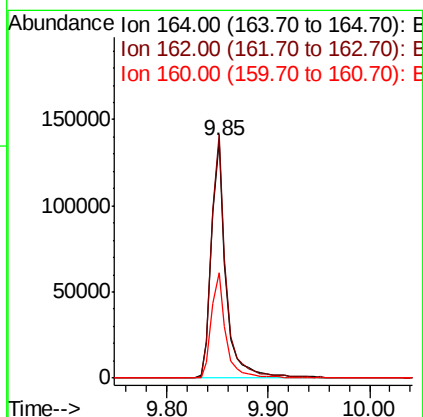
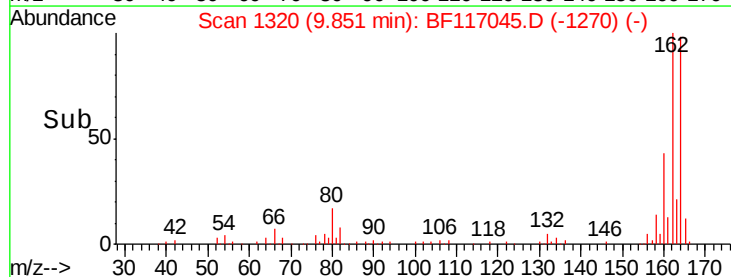
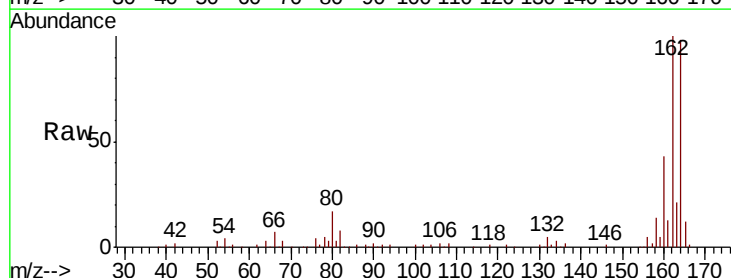
Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-5

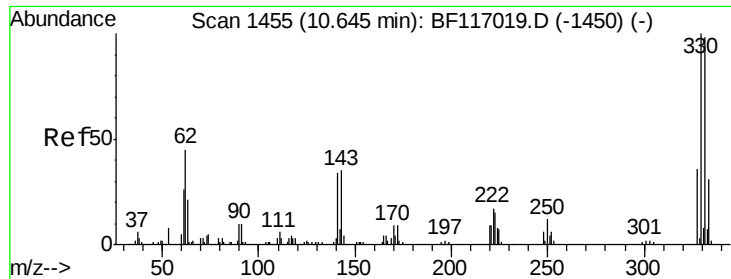
Tot Ion: 82 Resp: 3386
 Ion Ratio Lower Upper
 82 100
 128 47.3 32.3 48.5
 54 33.3 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117045.D
 Acq: 14 Sep 2019 1:32

Tgt Ion: 164 Resp: 138073
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.4 125.2
 160 44.3 36.4 54.6

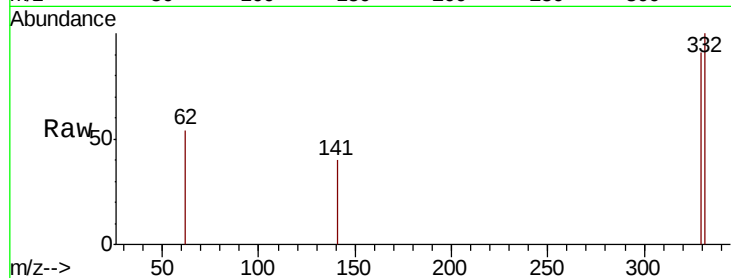




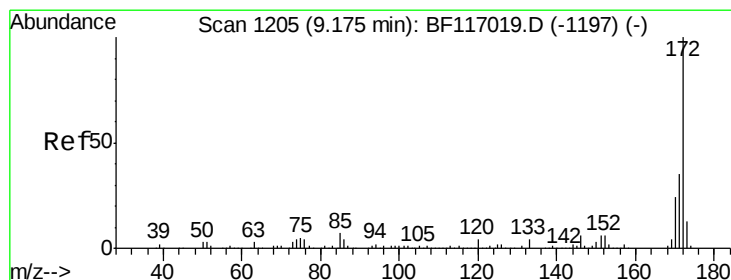
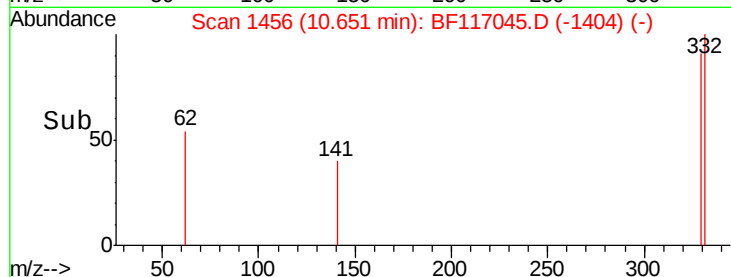
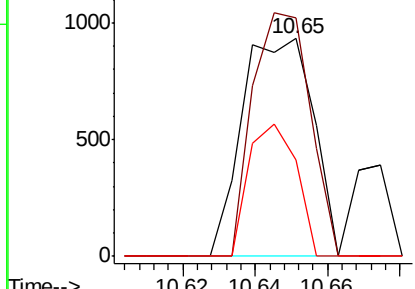
#42
 2,4,6-Tribromophenol
 Concen: 1.103 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF117045.D
 Acq: 14 Sep 2019 1:32

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-5

Tot Ion:330 Resp: 1273
 Ion Ratio Lower Upper
 330 100
 332 90.3 78.0 117.0
 141 40.5 35.8 53.6

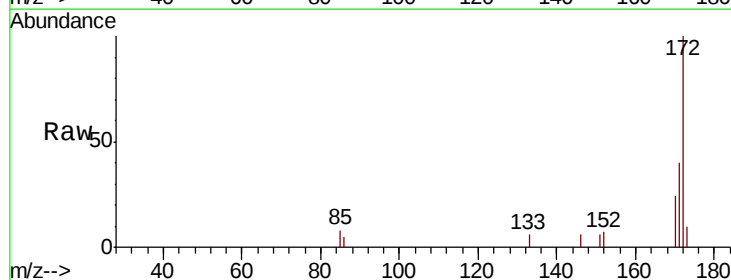


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

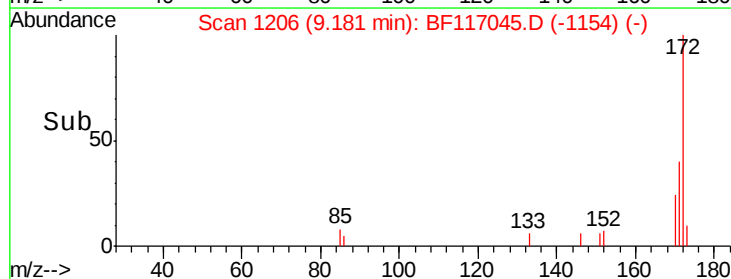
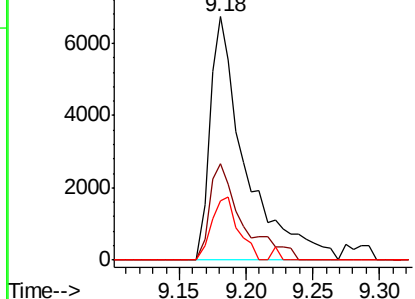


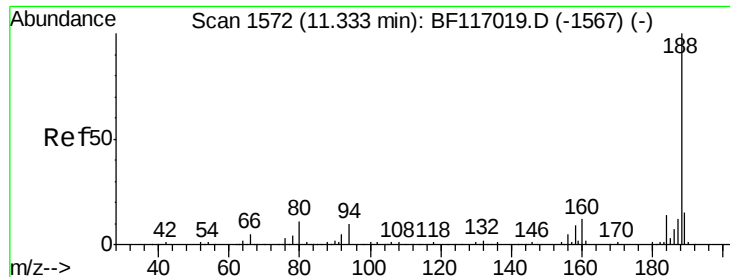
#45
 2-Fluorobiphenyl
 Concen: 1.411 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117045.D
 Acq: 14 Sep 2019 1:32

Tgt Ion:172 Resp: 12463
 Ion Ratio Lower Upper
 172 100
 171 39.8 28.2 42.2
 170 24.3 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

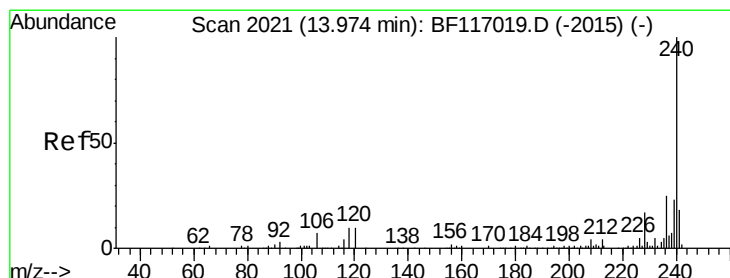
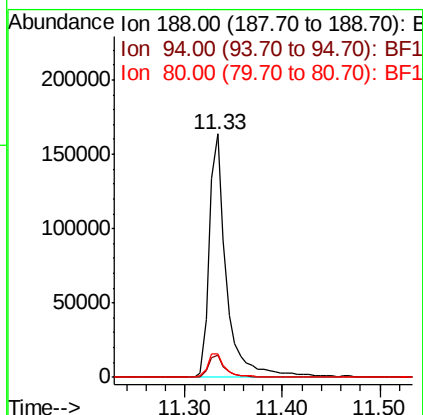
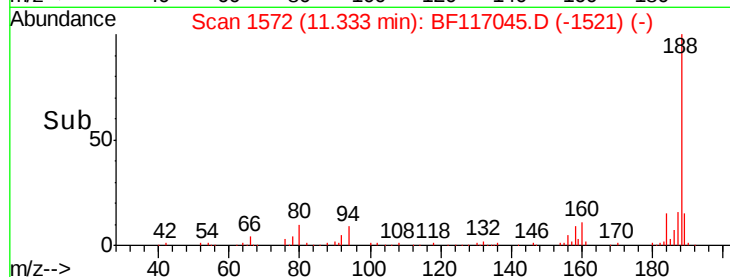
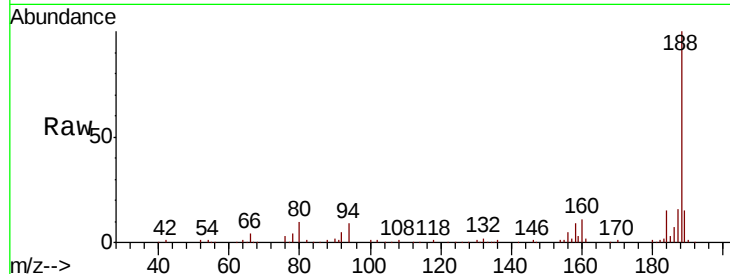




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117045.D
Acq: 14 Sep 2019 1:32

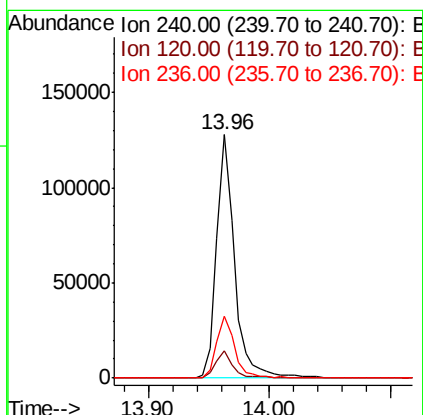
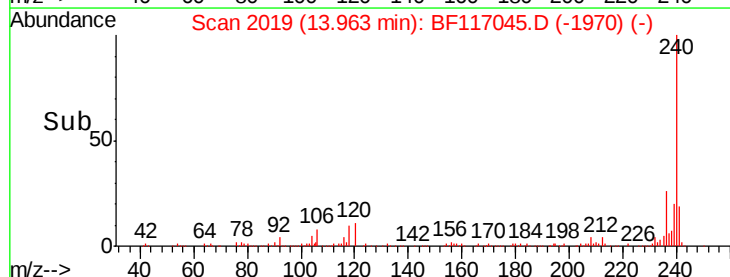
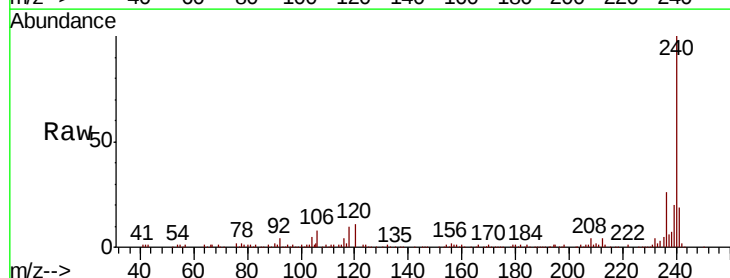
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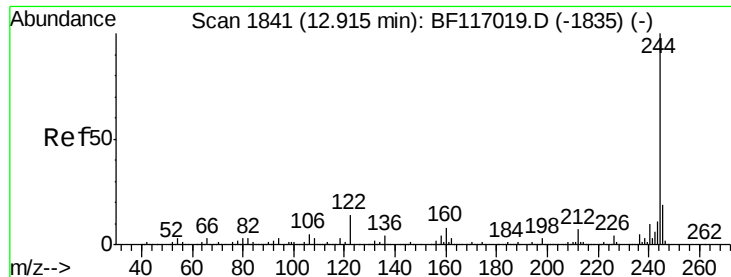
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.5	9.0	13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117045.D
Acq: 14 Sep 2019 1:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.6	20.3	30.5

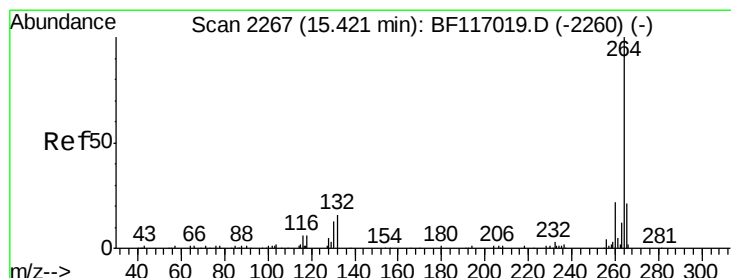
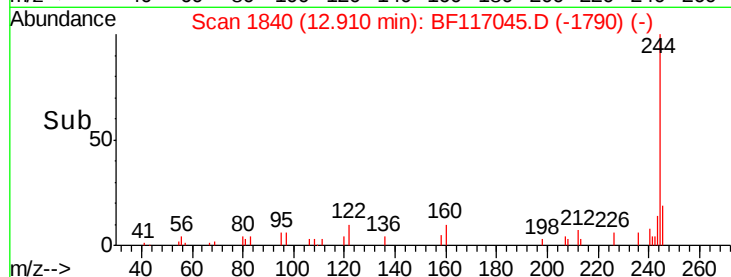
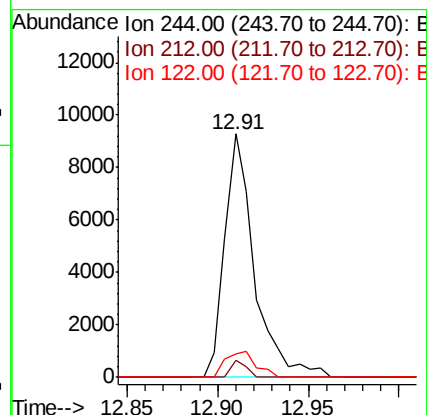
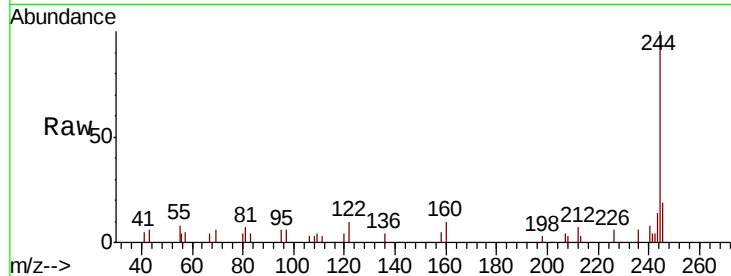




#79
 Terphenyl-d14
 Concen: 1.517 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117045.D
 Acq: 14 Sep 2019 1:32

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-5

Tot Ion:244 Resp: 10611
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.7 11.3 16.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117045.D
 Acq: 14 Sep 2019 1:32

Tgt Ion:264 Resp: 112631
 Ion Ratio Lower Upper
 264 100
 260 25.1 17.6 26.4
 265 21.6 16.6 24.8

