

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117086.D
 Acq On : 17 Sep 2019 2:51
 Operator : HP/JU
 Sample : K4863-18
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-4-7

Quant Time: Sep 17 08:11:42 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	55832	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	199765	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	91364	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	147412	20.00	ng	0.00
76) Chrysene-d12	13.97	240	84983	20.00	ng	0.00
87) Perylene-d12	15.42	264	69303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	422921	118.26	ng	0.02
7) Phenol-d6	6.47	99	501637	108.54	ng	0.01
23) Nitrobenzene-d5	7.39	82	321832	84.65	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	95157	124.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	567790	97.17	ng	0.00
79) Terphenyl-d14	12.92	244	555360	122.15	ng	0.00

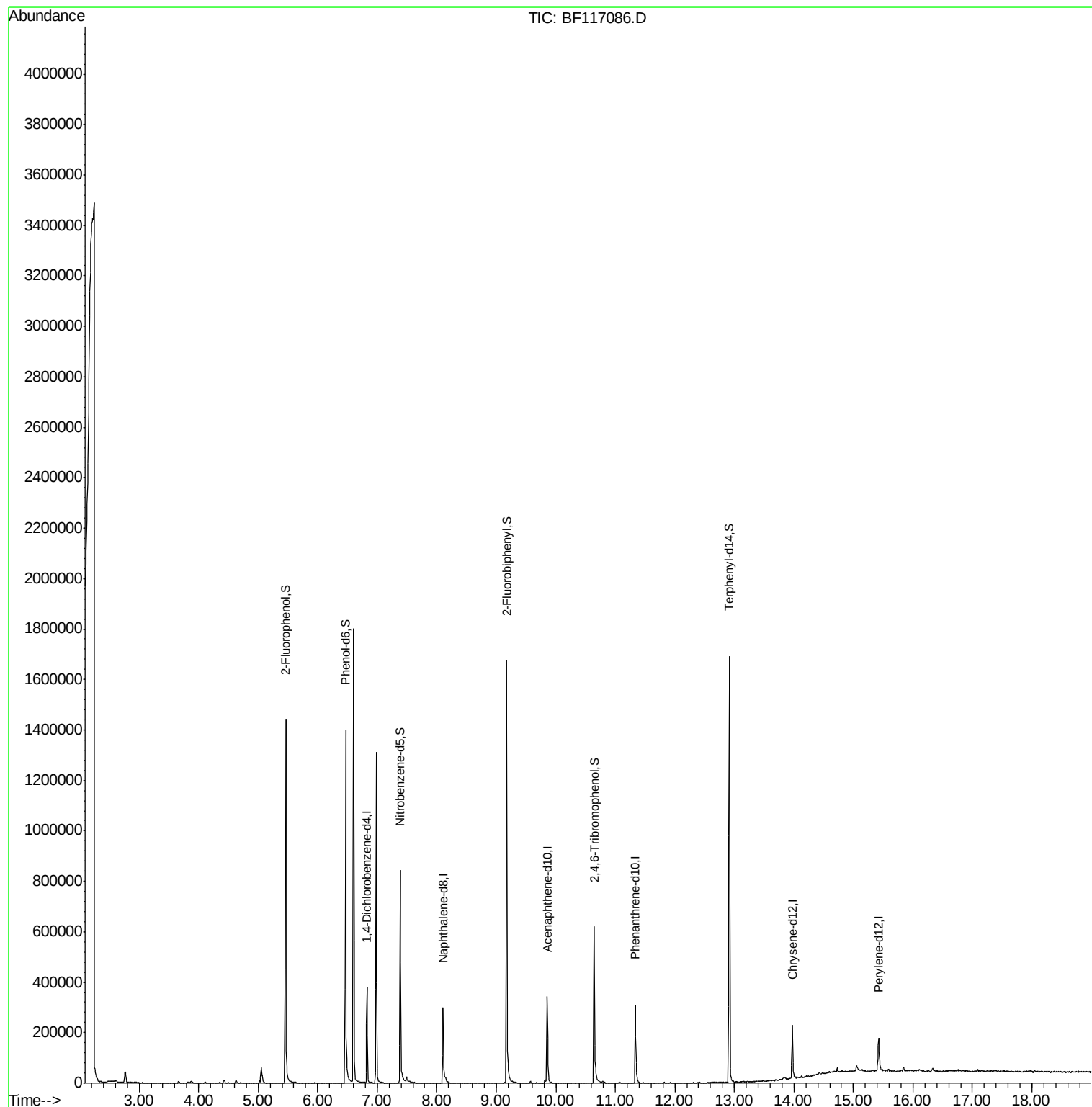
Target Compounds Qvalue

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

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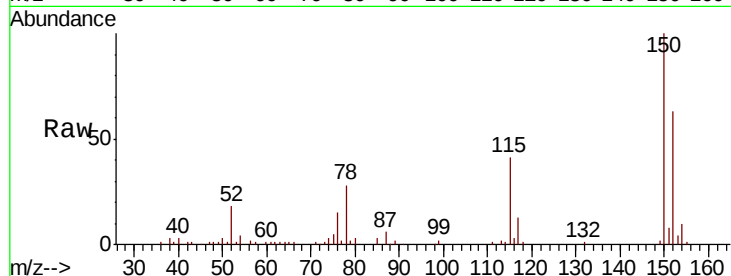


#1

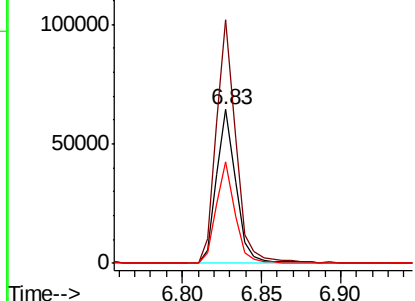
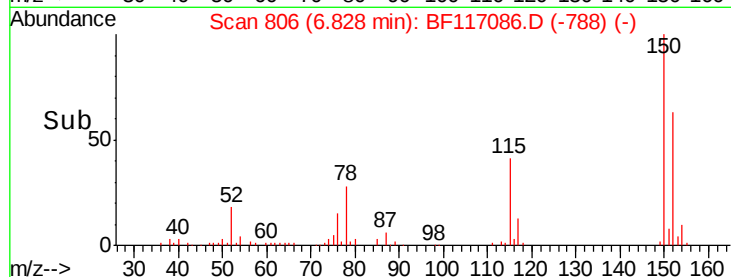
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117086.D
Acq: 17 Sep 2019 2:51

Instrument :
BNA_F
ClientSampleId :
CSA-4-7

Tot Ion:152 Resp: 55832
Ion Ratio Lower Upper
152 100
150 158.5 127.5 191.3
115 65.8 55.0 82.4



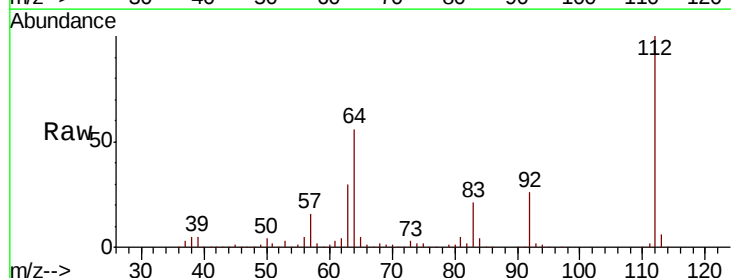
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



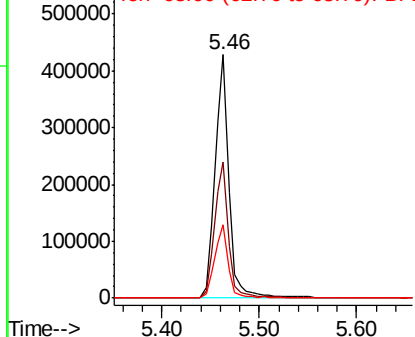
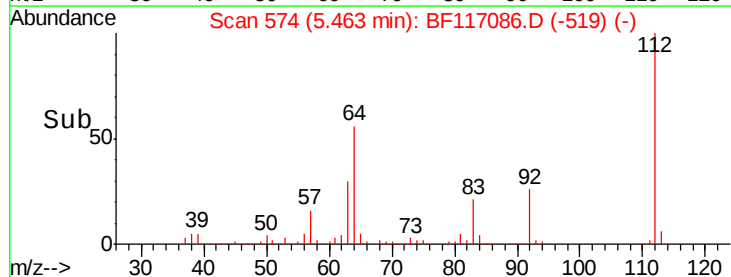
#5

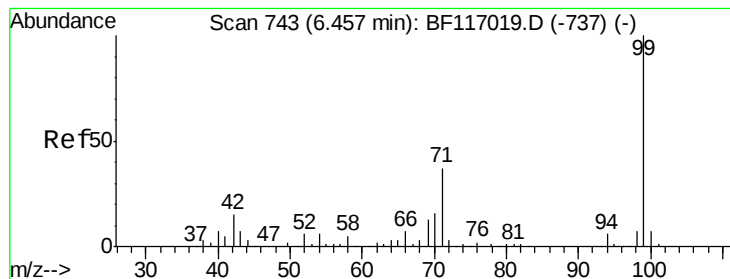
2-Fluorophenol
Concen: 118.263 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF117086.D
Acq: 17 Sep 2019 2:51

Tgt Ion:112 Resp: 422921
Ion Ratio Lower Upper
112 100
64 56.0 45.7 68.5
63 30.2 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: 108.541 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117086.D

Acq: 17 Sep 2019 2:51

Instrument :

BNA_F

ClientSampleId :

CSA-4-7

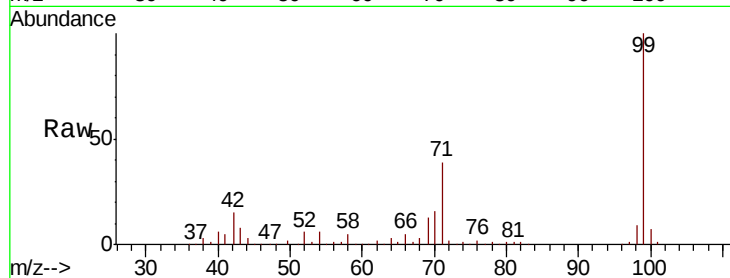
Tot Ion: 99 Resp: 501637

Ion Ratio Lower Upper

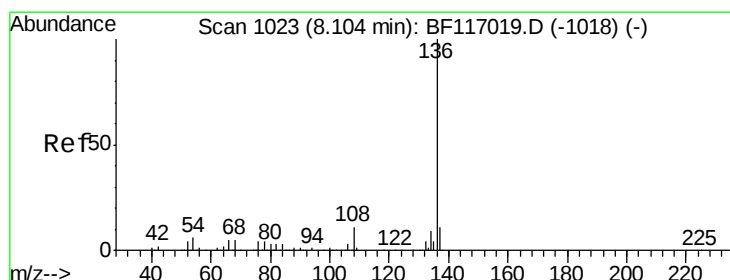
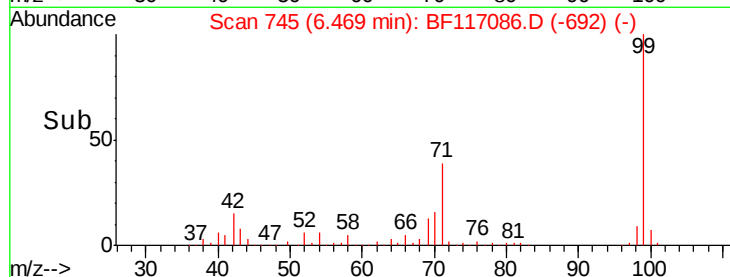
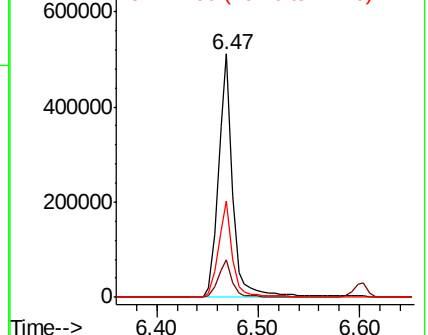
99 100

42 15.2 12.2 18.2

71 39.4 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: BF117086.D

Acq: 17 Sep 2019 2:51

Tgt Ion: 136 Resp: 199765

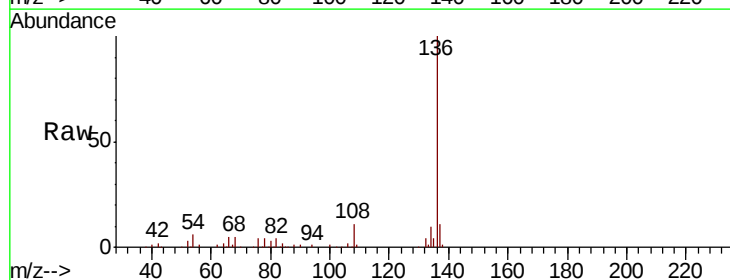
Ion Ratio Lower Upper

136 100

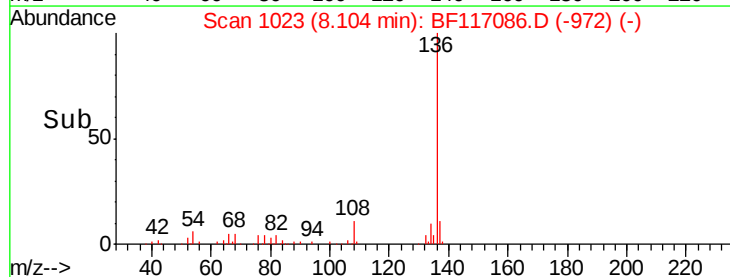
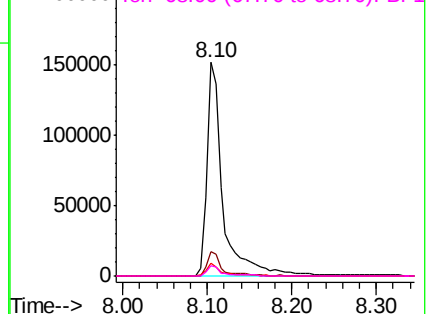
137 11.2 9.0 13.4

54 6.2 4.5 6.7

68 5.1 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

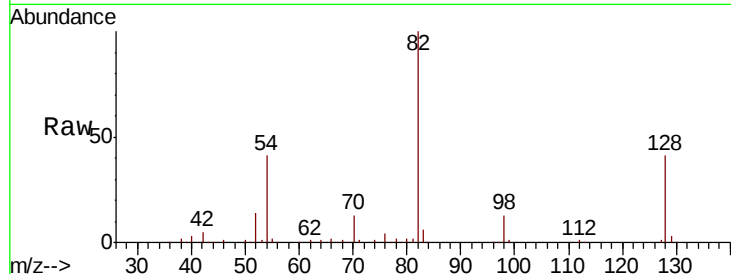




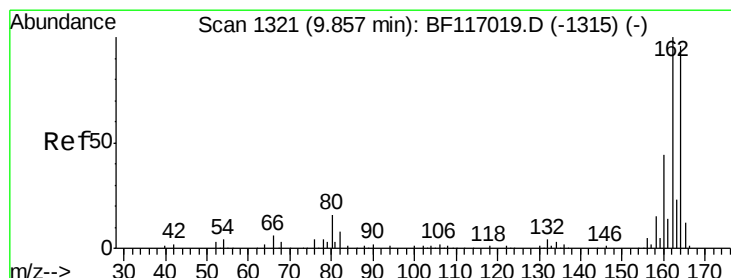
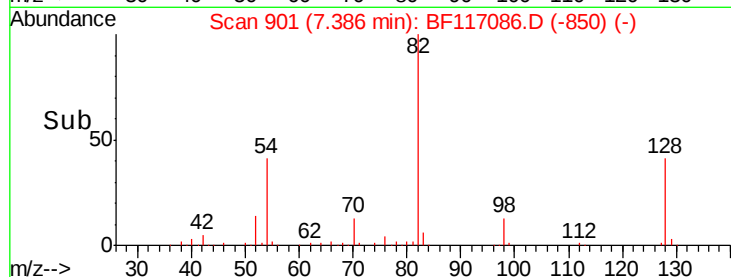
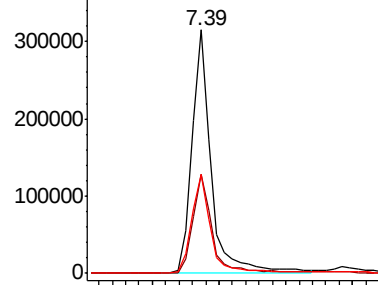
#23
 Nitrobenzene-d5
 Concen: 84.649 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117086.D
 Acq: 17 Sep 2019 2:51

Instrument :
 BNA_F
 ClientSampleId :
 CSA-4-7

Tot Ion	82	Resp	321832
Ion Ratio	Lower	Upper	
82	100		
128	40.7	32.3	48.5
54	40.5	33.3	49.9

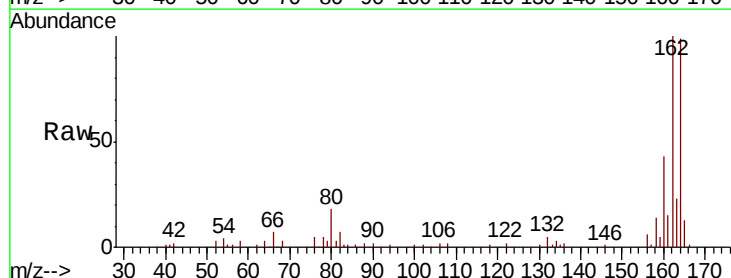


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

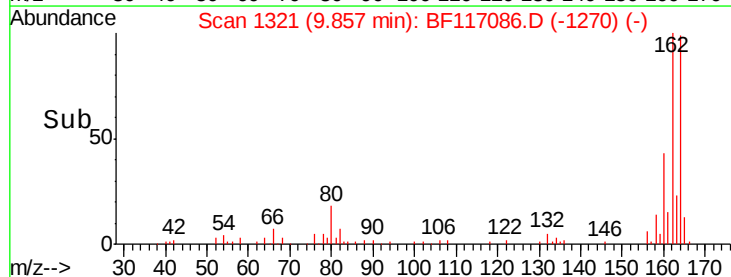
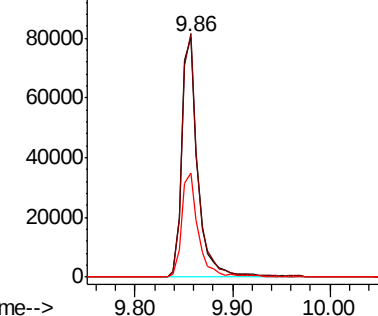


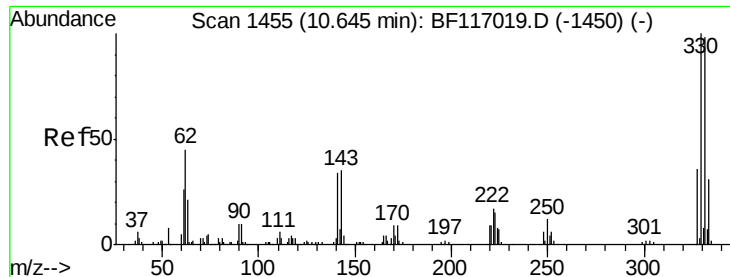
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF117086.D
 Acq: 17 Sep 2019 2:51

Tgt Ion	164	Resp	91364
Ion Ratio	Lower	Upper	
164	100		
162	101.3	83.4	125.2
160	43.5	36.4	54.6



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: 124.617 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117086.D

Acq: 17 Sep 2019 2:51

Instrument :

BNA_F

ClientSampleId :

CSA-4-7

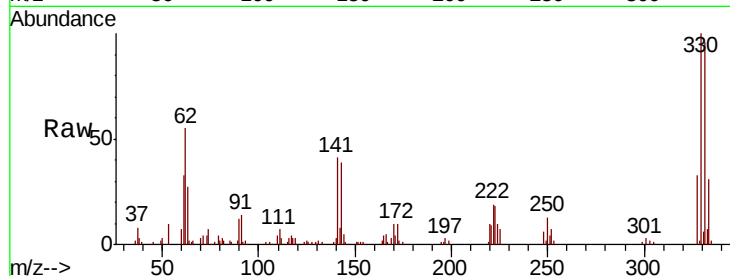
Tot Ion:330 Resp: 95157

Ion Ratio Lower Upper

330 100

332 95.5 78.0 117.0

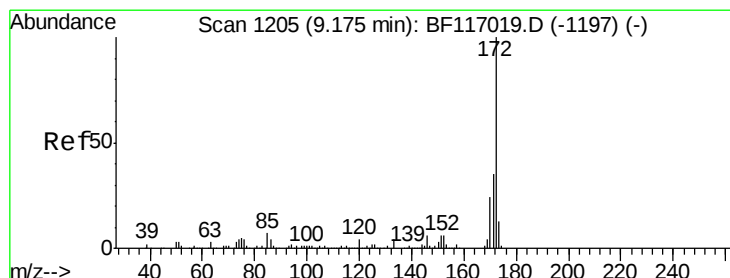
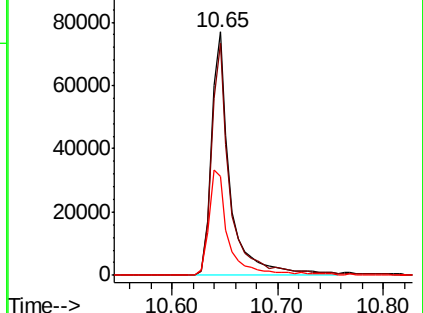
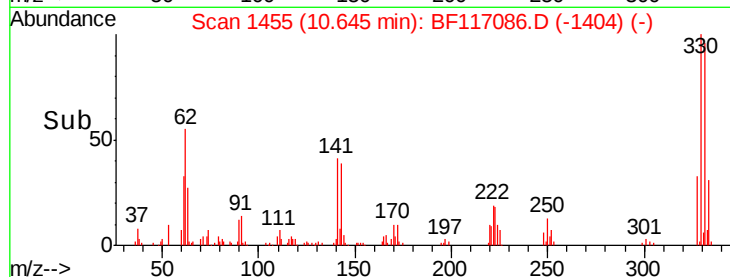
141 45.6 35.8 53.6



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: 97.170 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117086.D

Acq: 17 Sep 2019 2:51

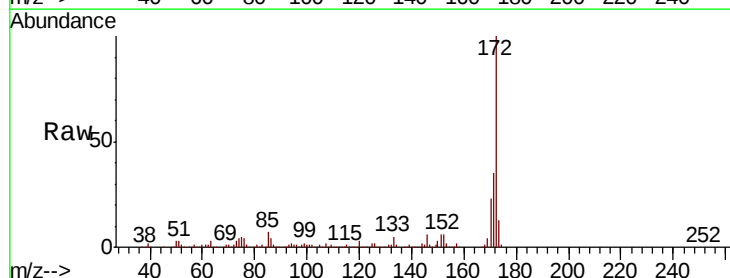
Tgt Ion:172 Resp: 567790

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

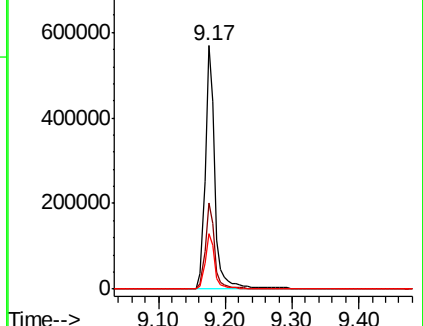
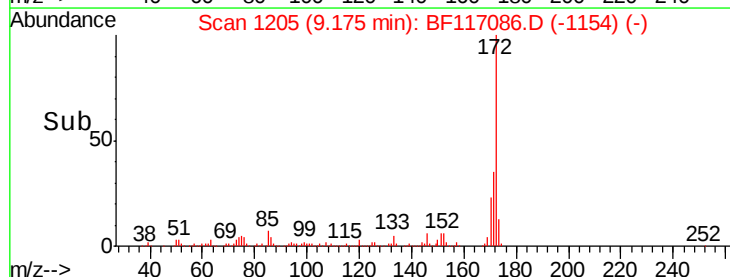
170 22.9 18.9 28.3

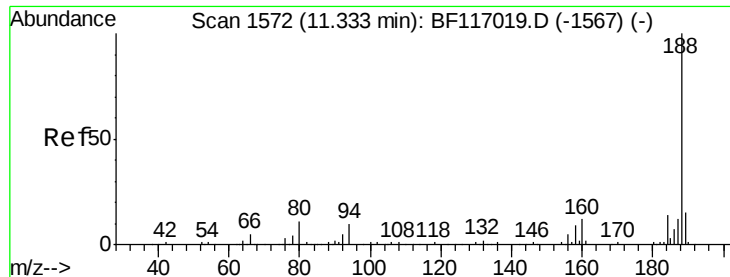


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF117086.D

Acq: 17 Sep 2019 2:51

Instrument :

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ClientSampleId :

CSA-4-7

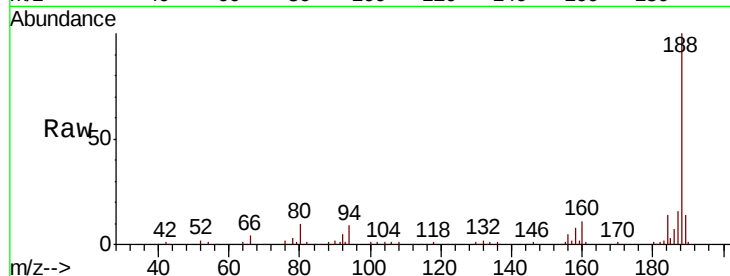
Tot Ion:188 Resp: 147412

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

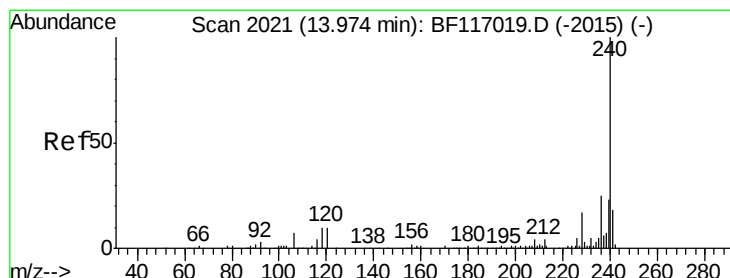
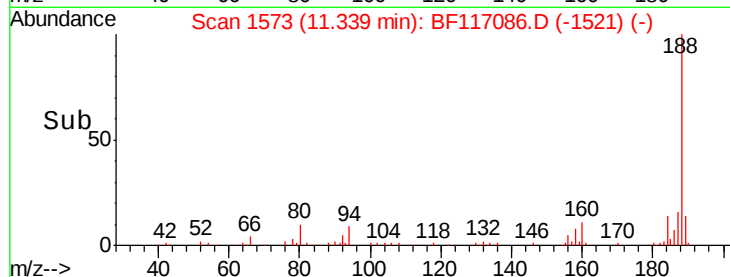
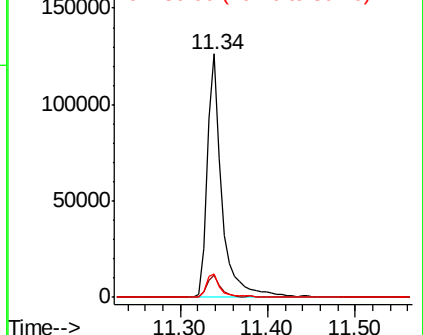
80 9.7 9.0 13.6



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# 2021

Delta R.T. 0.00 min

Lab File: BF117086.D

Acq: 17 Sep 2019 2:51

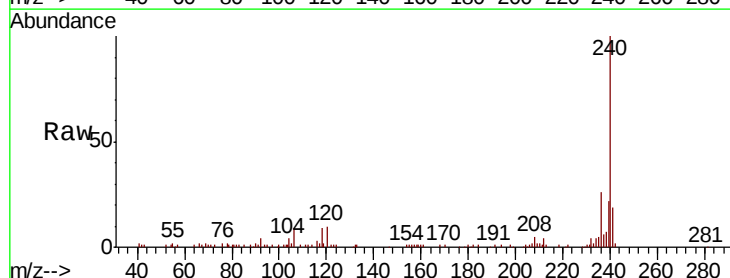
Tgt Ion:240 Resp: 84983

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

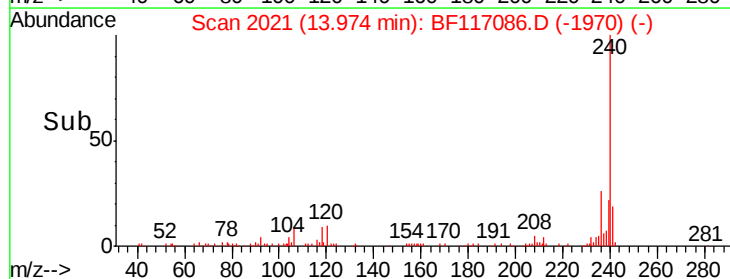
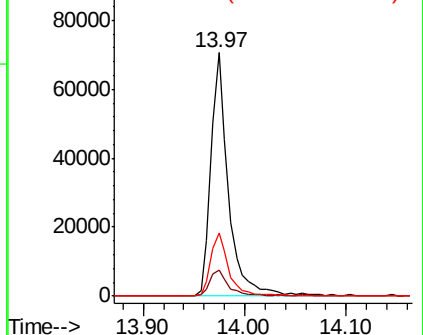
236 25.9 20.3 30.5

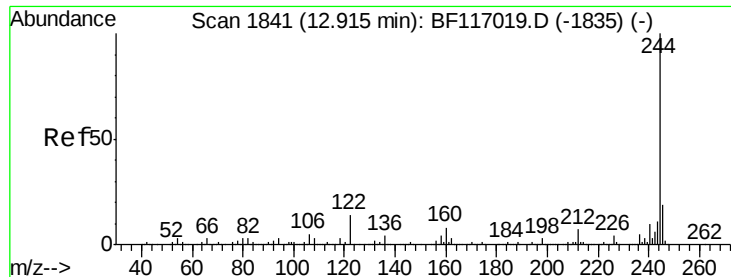


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

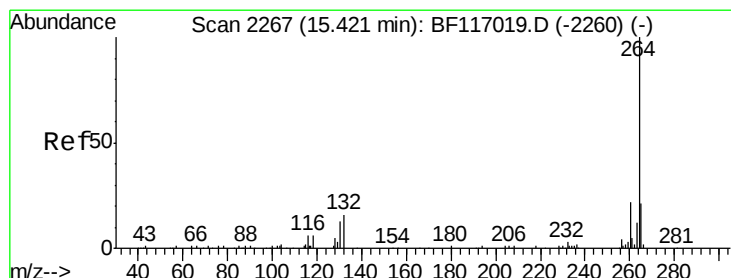
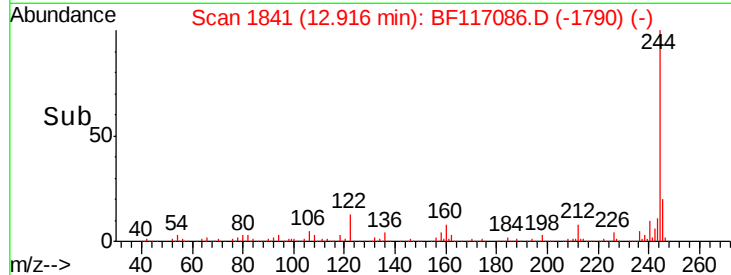
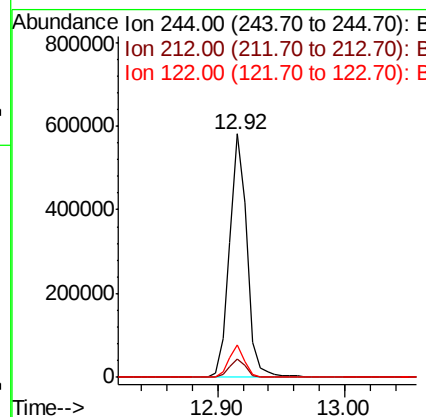
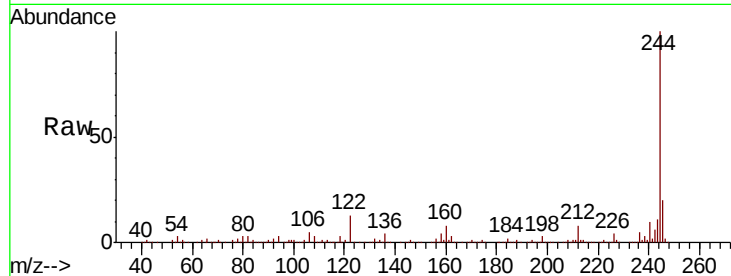




#79
 Terphenyl-d14
 Concen: 122.153 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117086.D
 Acq: 17 Sep 2019 2:51

Instrument :
 BNA_F
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 CSA-4-7

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	13.2	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: BF117086.D
 Acq: 17 Sep 2019 2:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.6	26.4
265	24.2	16.6	24.8

