

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117081.D
 Acq On : 17 Sep 2019 00:38
 Operator : HP/JU
 Sample : K4863-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-5

Quant Time: Sep 17 08:01:55 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	55858	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	212657	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	93727	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	150348	20.00	ng	0.00
76) Chrysene-d12	13.97	240	71844	20.00	ng	0.00
87) Perylene-d12	15.43	264	62232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	63429	17.73	ng	0.01
7) Phenol-d6	6.46	99	90023	19.47	ng	0.00
23) Nitrobenzene-d5	7.39	82	45623	11.27	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	14386	18.36	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	97621	16.29	ng	0.00
79) Terphenyl-d14	12.92	244	82144	21.37	ng	0.00

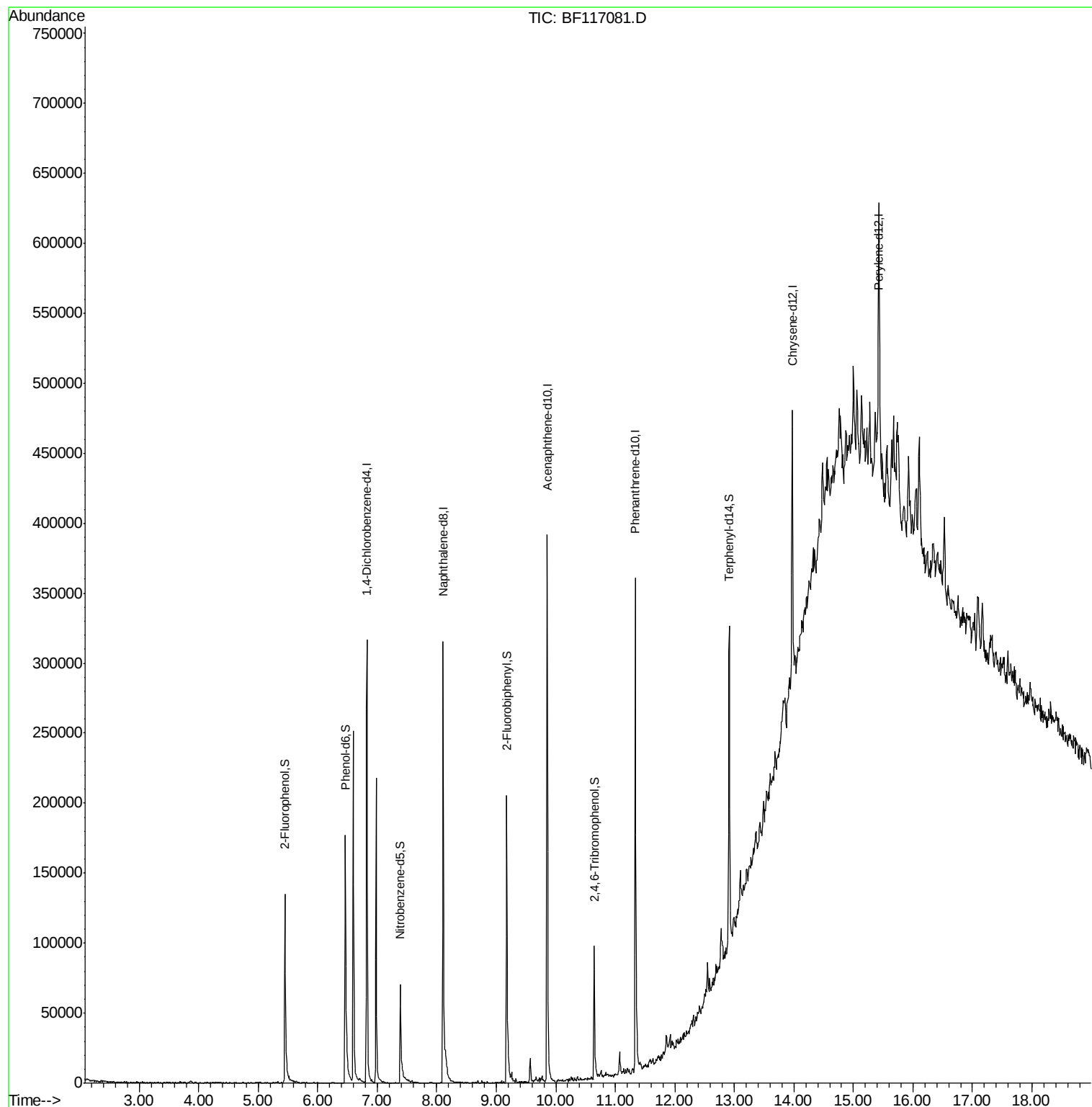
Target Compounds	Qvalue
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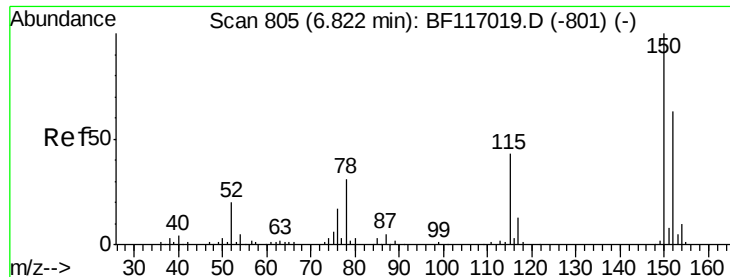
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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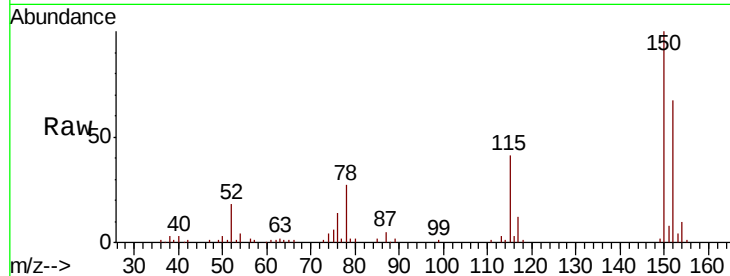


#1

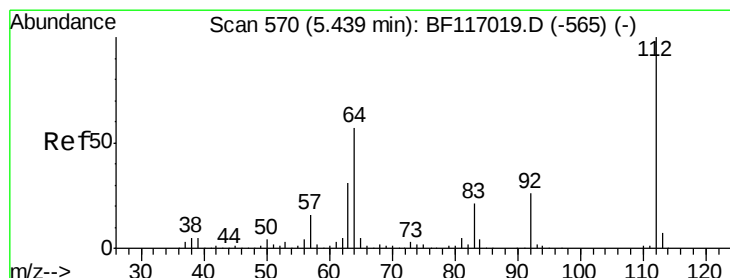
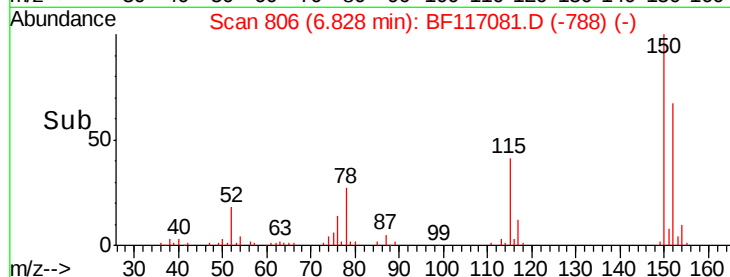
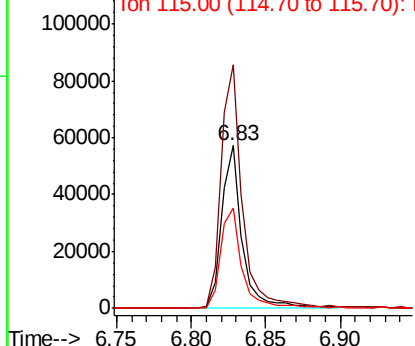
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117081.D
Acq: 17 Sep 2019 00:38

Instrument :
BNA_F
ClientSampleId :
CSA-2-5

Tot Ion:152 Resp: 55858
Ion Ratio Lower Upper
152 100
150 149.7 127.5 191.3
115 61.3 55.0 82.4



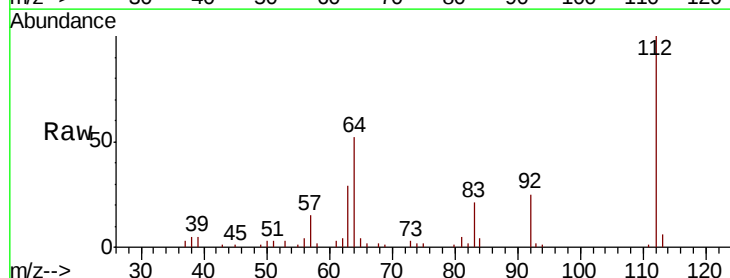
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



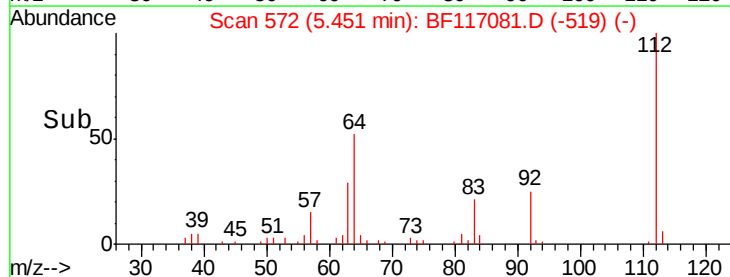
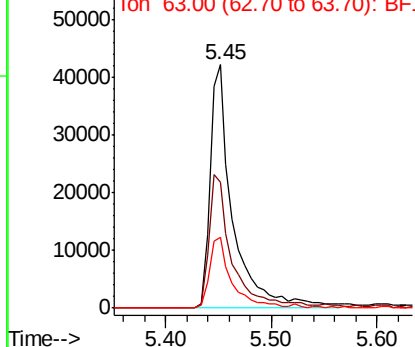
#5

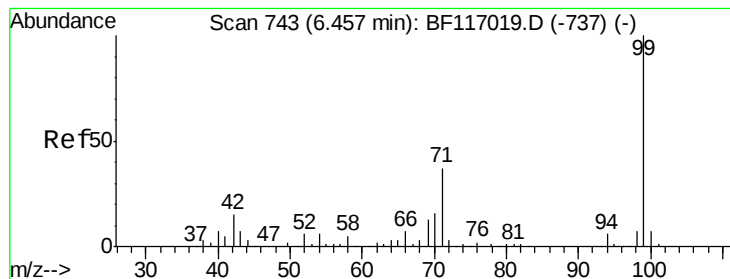
2-Fluorophenol
Concen: 17.729 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117081.D
Acq: 17 Sep 2019 00:38

Tgt Ion:112 Resp: 63429
Ion Ratio Lower Upper
112 100
64 51.7 45.7 68.5
63 29.1 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: 19.470 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117081.D

Acq: 17 Sep 2019 00:38

Instrument :

BNA_F

ClientSampleId :

CSA-2-5

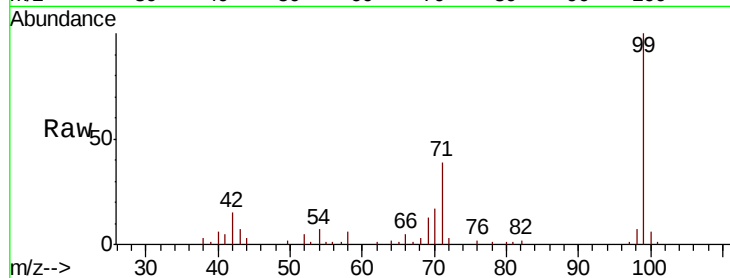
Tot Ion: 99 Resp: 90023

Ion Ratio Lower Upper

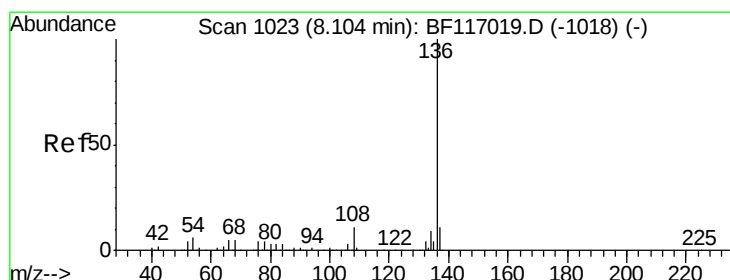
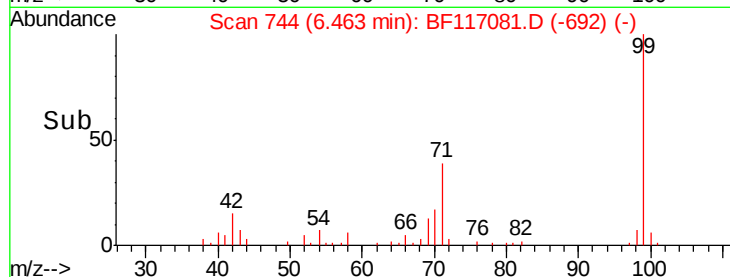
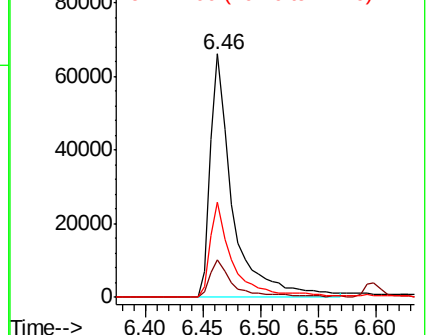
99 100

42 15.2 12.2 18.2

71 38.9 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: BF117081.D

Acq: 17 Sep 2019 00:38

Tgt Ion: 136 Resp: 212657

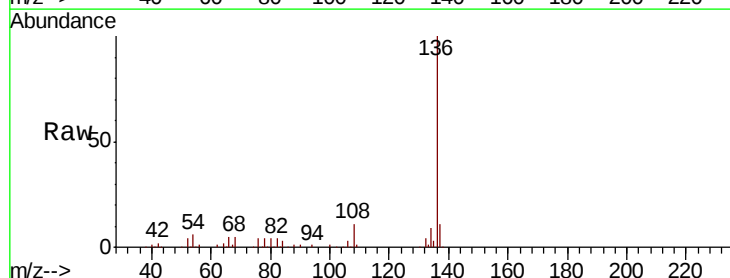
Ion Ratio Lower Upper

136 100

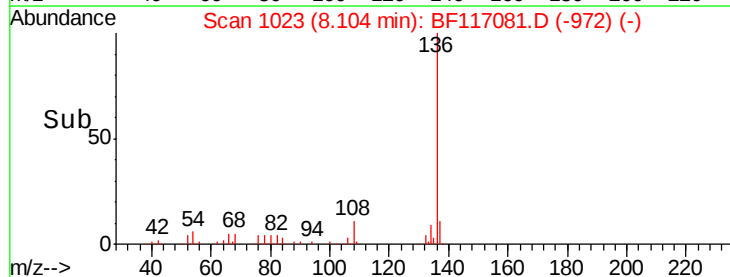
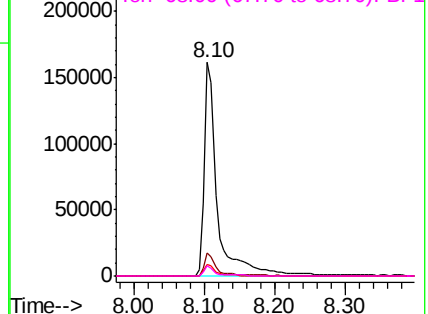
137 11.1 9.0 13.4

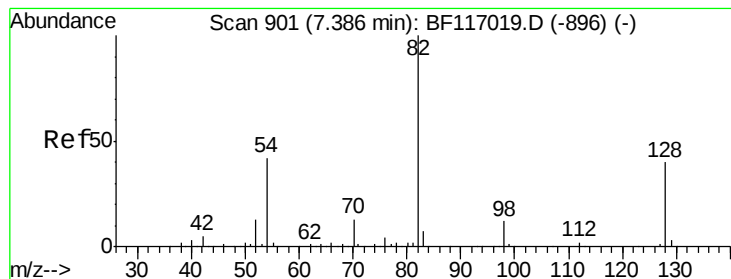
54 5.6 4.5 6.7

68 4.7 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: 11.272 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF117081.D

Acq: 17 Sep 2019 00:38

Instrument :

BNA_F

ClientSampleId :

CSA-2-5

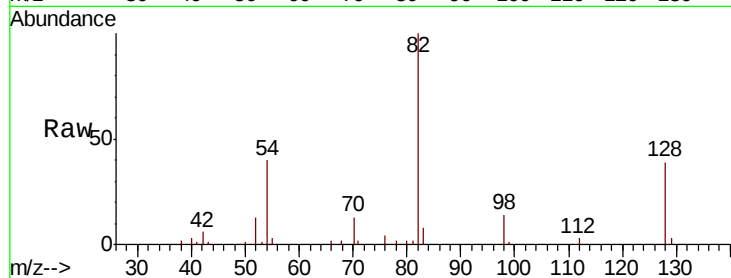
Tot Ion: 82 Resp: 45623

Ion Ratio Lower Upper

82 100

128 39.4 32.3 48.5

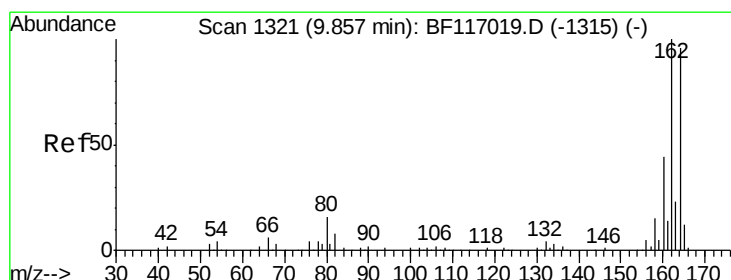
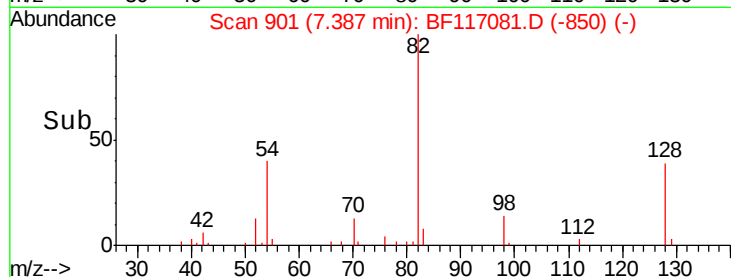
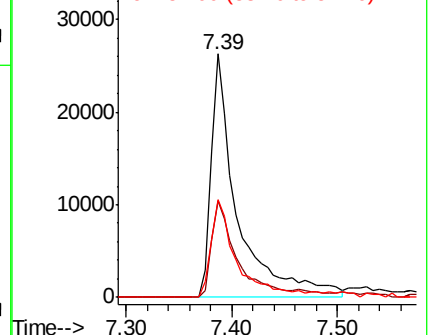
54 40.3 33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

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: BF117081.D

Acq: 17 Sep 2019 00:38

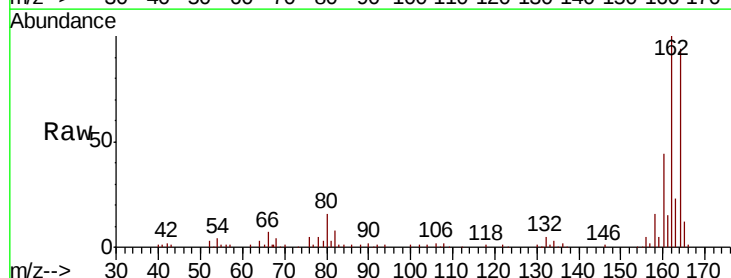
Tgt Ion:164 Resp: 93727

Ion Ratio Lower Upper

164 100

162 105.8 83.4 125.2

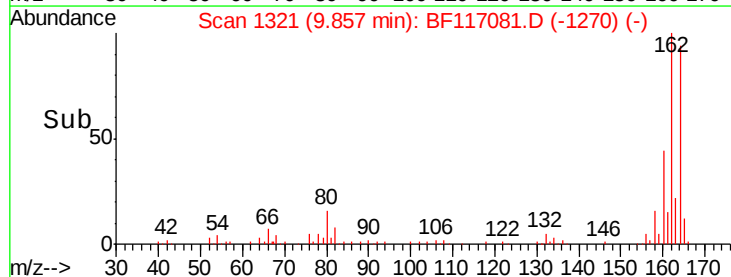
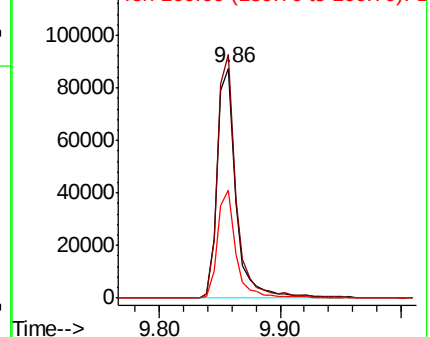
160 46.7 36.4 54.6



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

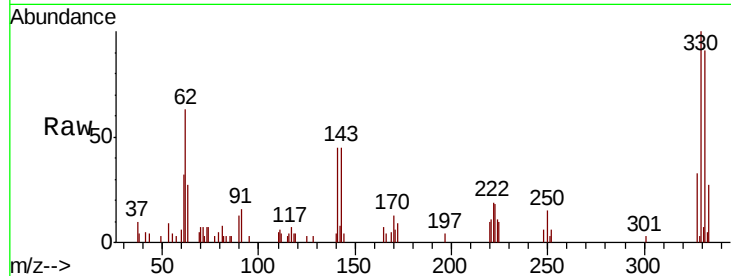




#42
 2,4,6-Tribromophenol
 Concen: 18.365 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117081.D
 Acq: 17 Sep 2019 00:38

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	89.5	78.0	117.0
141	46.1	35.8	53.6

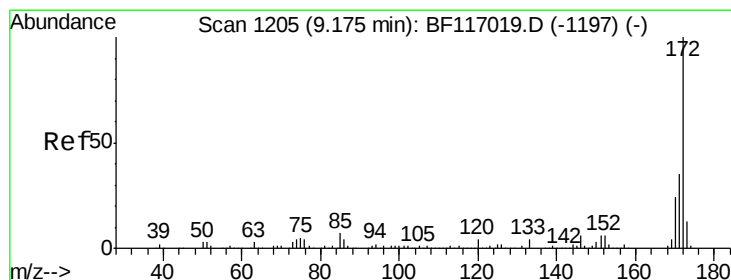
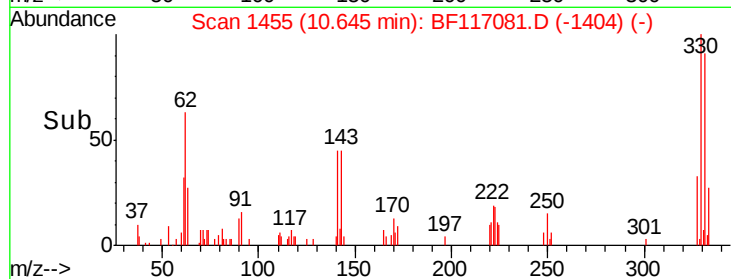
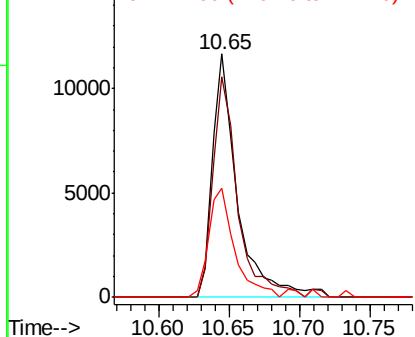


Abundance

Ion 329.80 (329.50 to 330.50): E

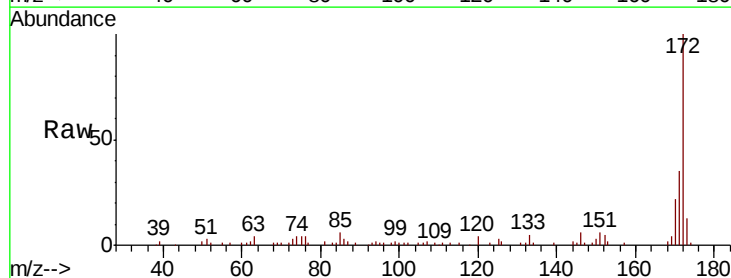
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 16.285 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117081.D
 Acq: 17 Sep 2019 00:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	22.4	18.9	28.3

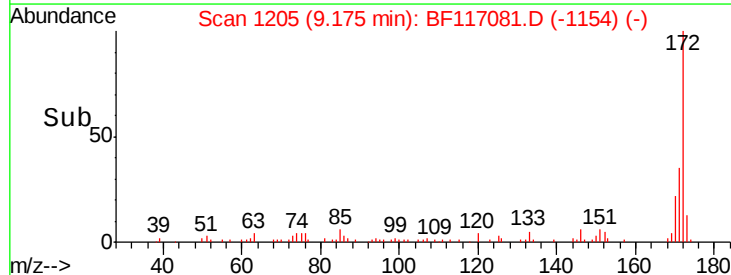
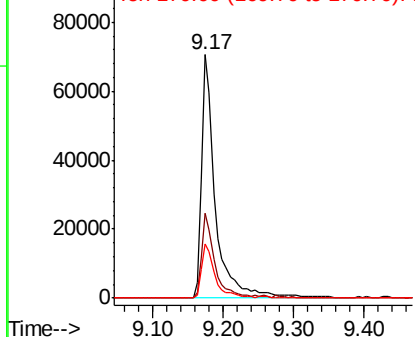


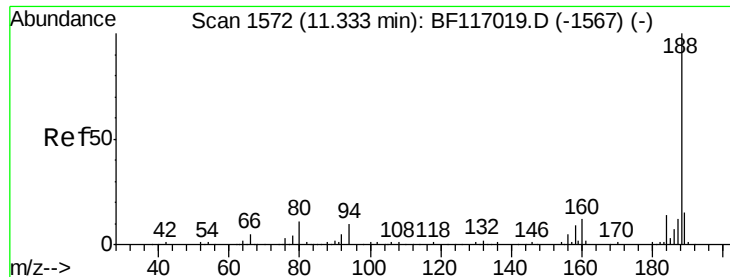
Abundance

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: BF117081.D

Acq: 17 Sep 2019 00:38

Instrument :

BNA_F

ClientSampleId :

CSA-2-5

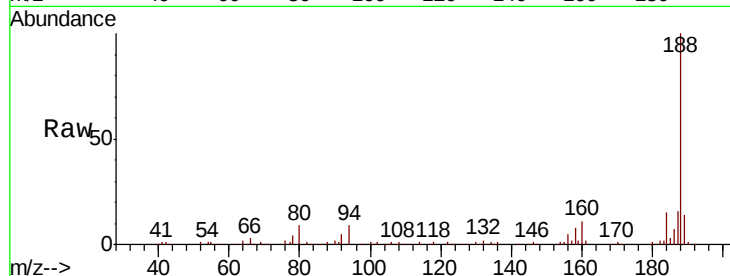
Tot Ion:188 Resp: 150348

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

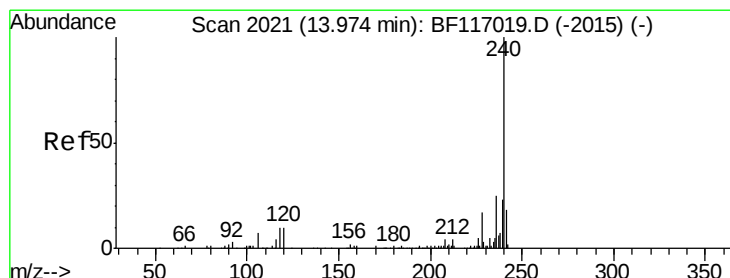
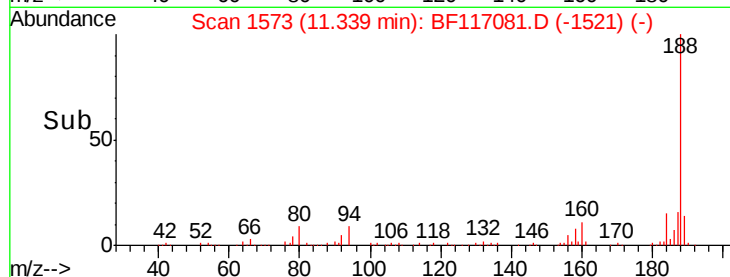
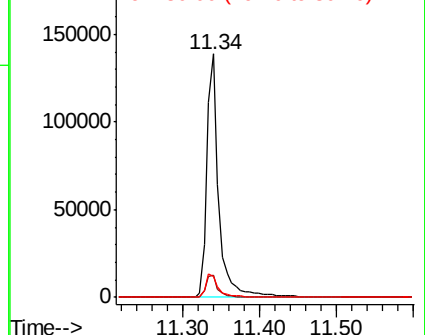
80 8.7 9.0 13.6#



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: BF117081.D

Acq: 17 Sep 2019 00:38

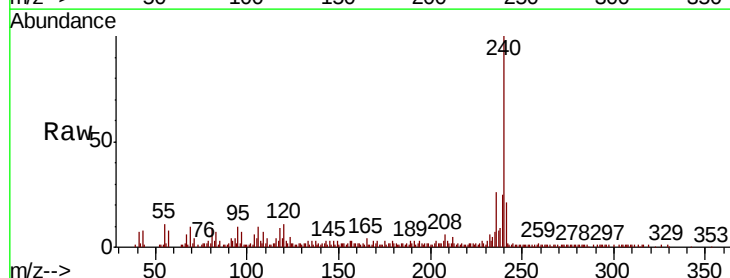
Tgt Ion:240 Resp: 71844

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

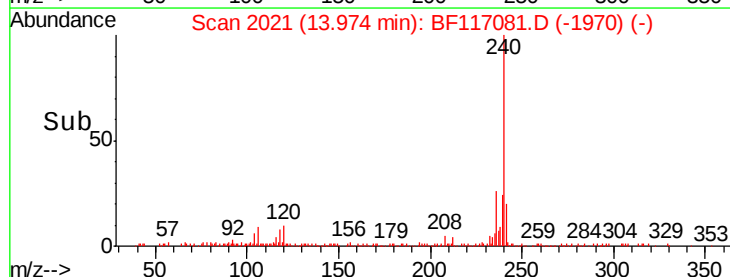
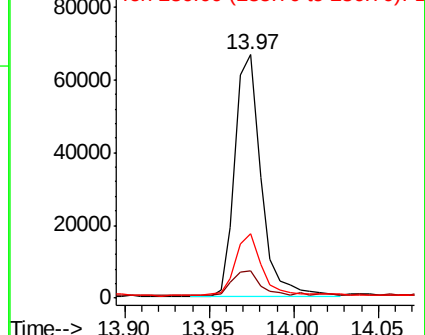
236 26.3 20.3 30.5

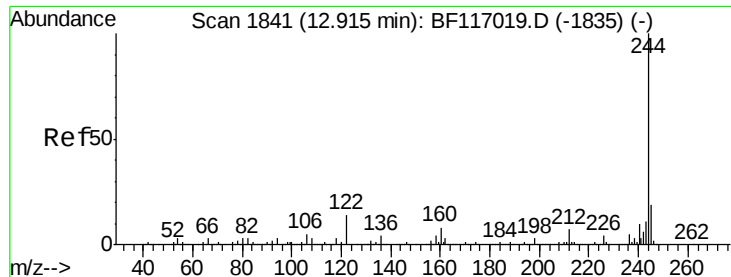


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 21.372 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117081.D

Acq: 17 Sep 2019 00:38

Instrument :

BNA_F

ClientSampled :

CSA-2-5

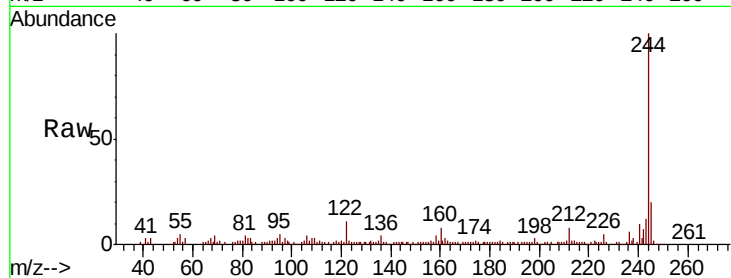
Tot Ion:244 Resp: 82144

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

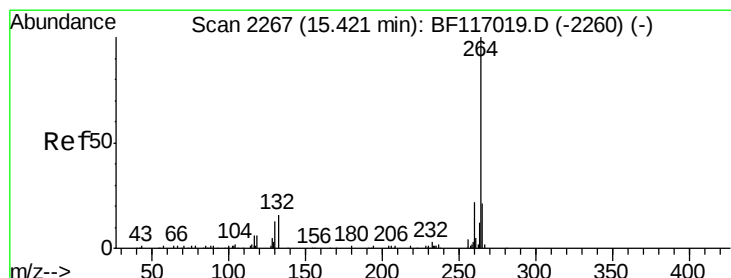
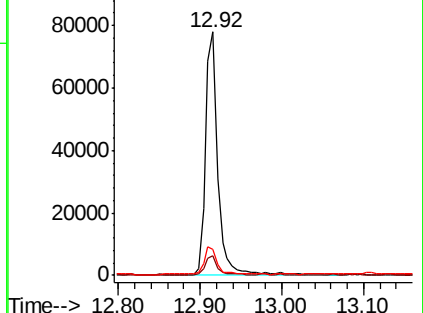
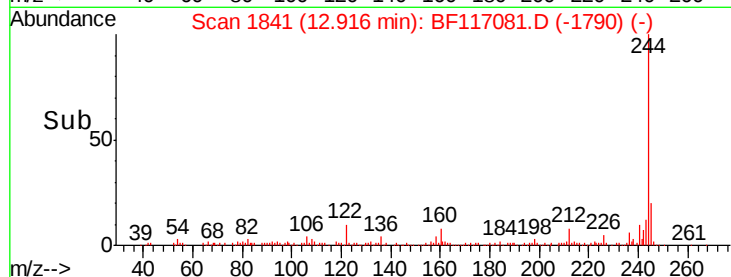
122 10.5 11.3 16.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF117081.D

Acq: 17 Sep 2019 00:38

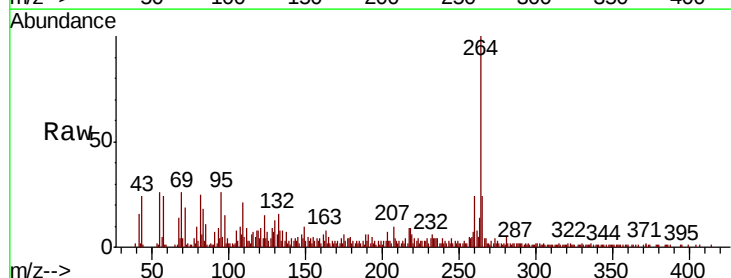
Tgt Ion:264 Resp: 62232

Ion Ratio Lower Upper

264 100

260 23.6 17.6 26.4

265 23.7 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

