

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117092.D
 Acq On : 17 Sep 2019 5:31
 Operator : HP/JU
 Sample : K4877-15
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-3

Quant Time: Sep 17 08:23:57 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	59486	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	218210	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	99546	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	150972	20.00	ng	0.00
76) Chrysene-d12	13.97	240	92555	20.00	ng	0.00
87) Perylene-d12	15.42	264	68372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	452702	118.81	ng	0.02
7) Phenol-d6	6.47	99	532568	108.16	ng	0.01
23) Nitrobenzene-d5	7.39	82	360327	86.76	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	105220	126.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	695761	109.28	ng	0.00
79) Terphenyl-d14	12.92	244	608559	122.90	ng	0.00

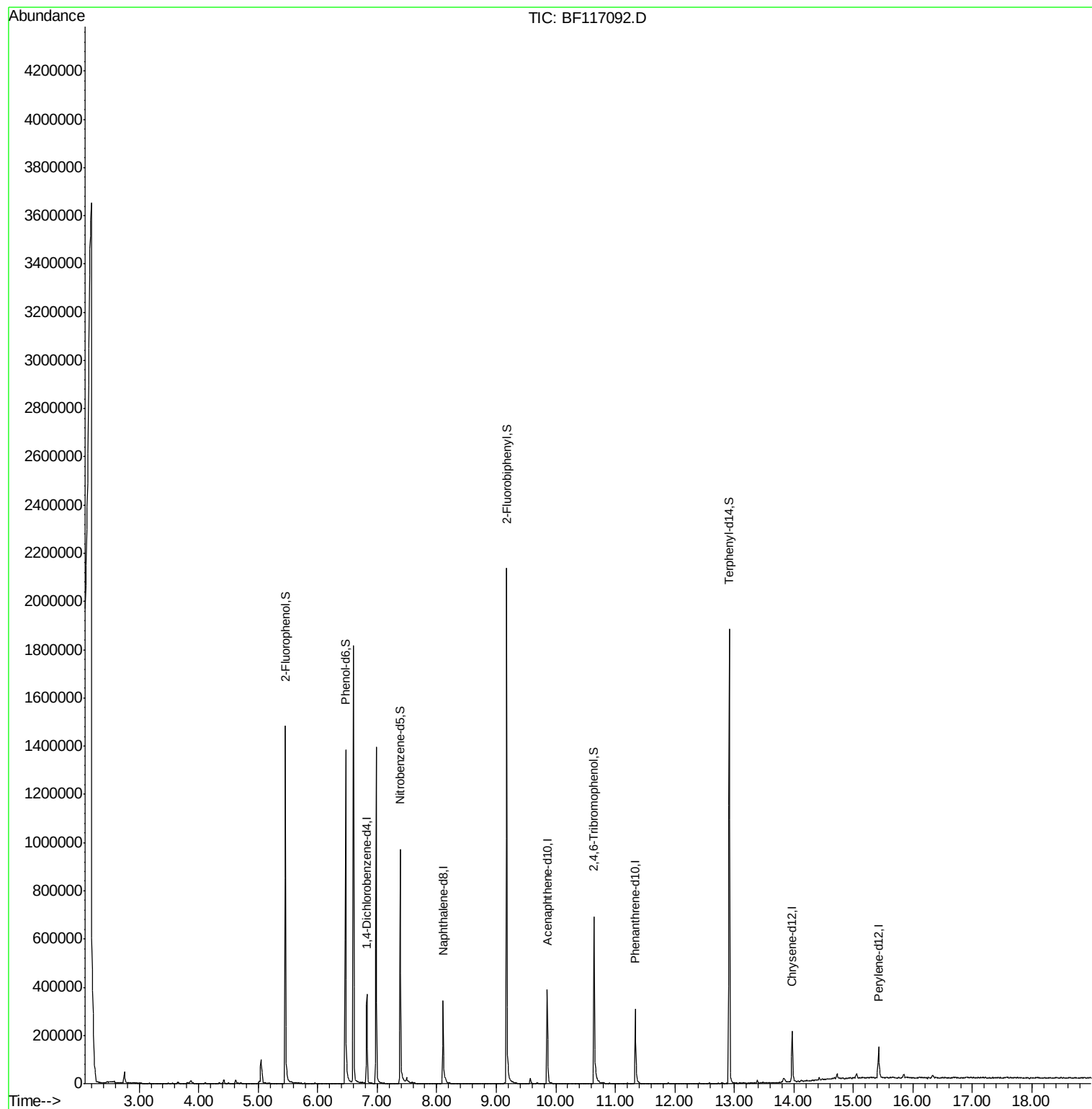
Target Compounds Qvalue

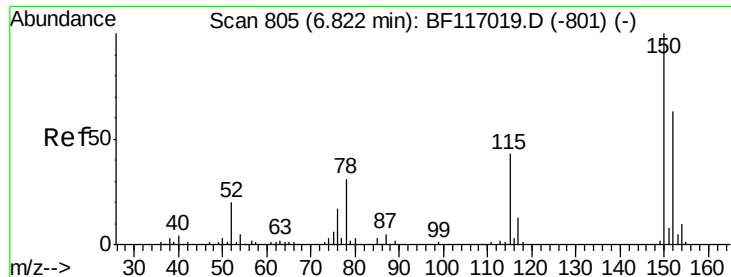
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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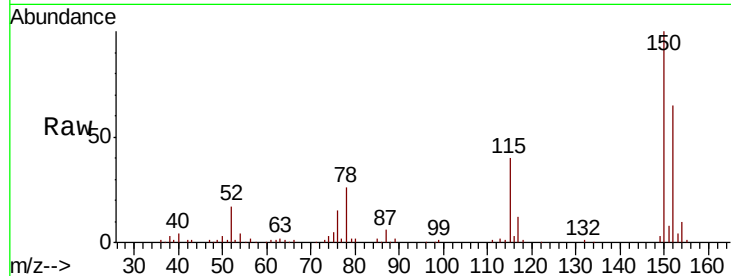


#1

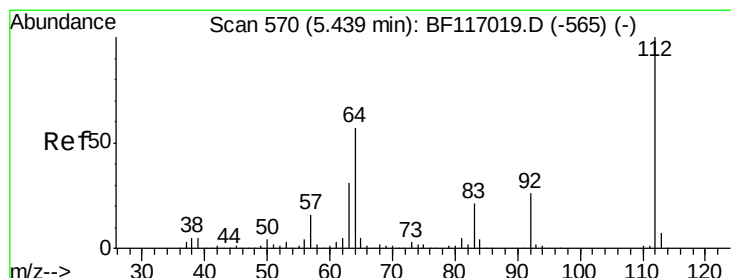
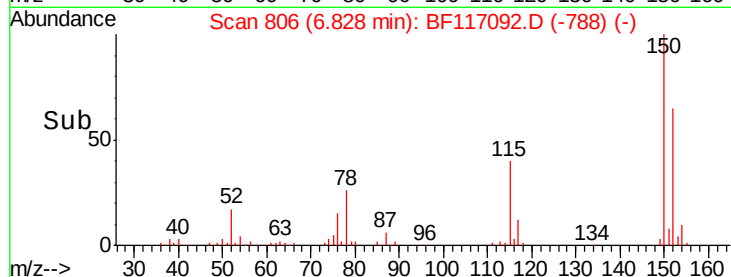
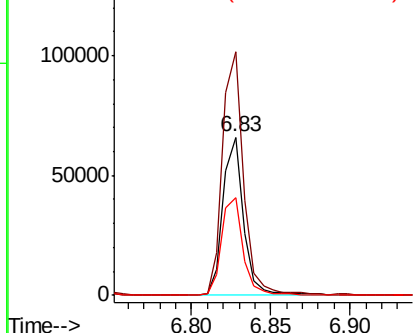
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :
CSA-2-3

Tot Ion:152 Resp: 59486
Ion Ratio Lower Upper
152 100
150 153.9 127.5 191.3
115 61.7 55.0 82.4



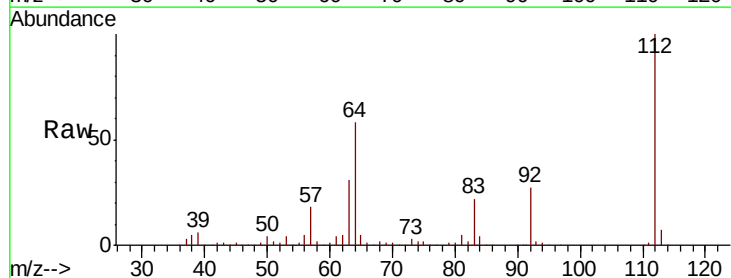
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



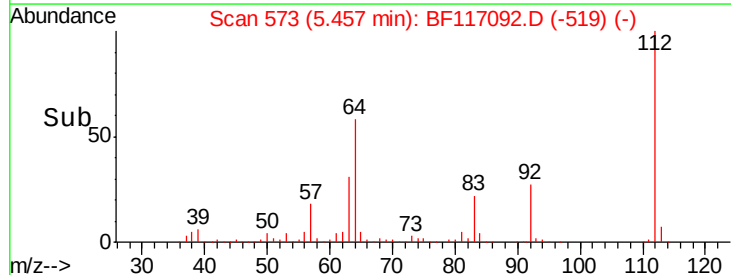
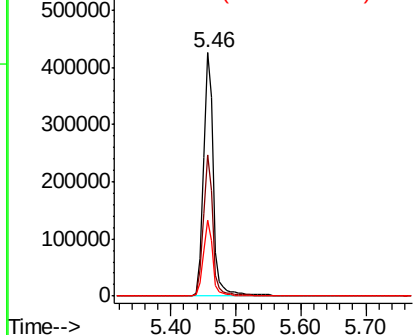
#5

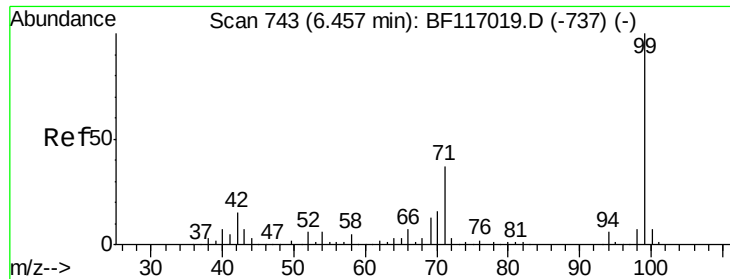
2-Fluorophenol
Concen: 118.814 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion:112 Resp: 452702
Ion Ratio Lower Upper
112 100
64 58.0 45.7 68.5
63 30.9 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: 108.155 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117092.D

Acq: 17 Sep 2019 5:31

Instrument :

BNA_F

ClientSampleId :

CSA-2-3

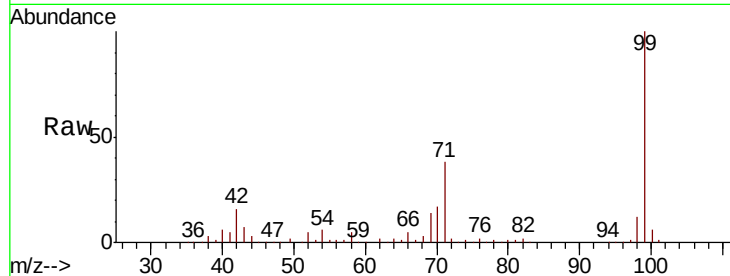
Tot Ion: 99 Resp: 532568

Ion Ratio Lower Upper

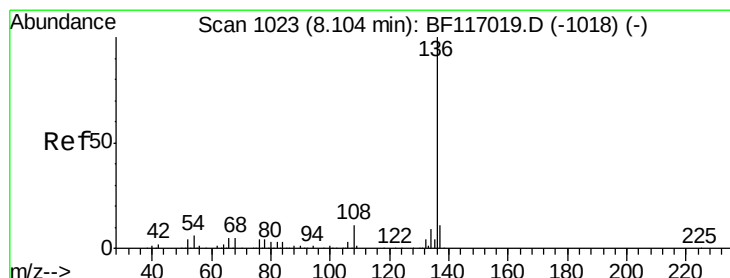
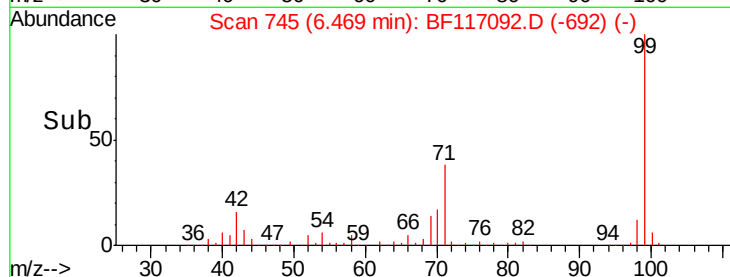
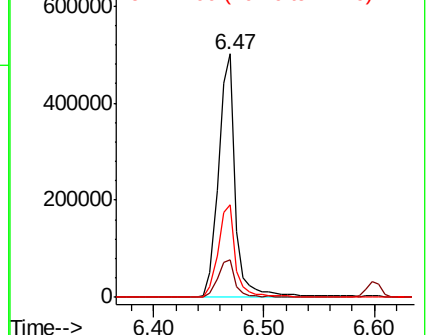
99 100

42 15.7 12.2 18.2

71 37.8 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: BF117092.D

Acq: 17 Sep 2019 5:31

Tgt Ion: 136 Resp: 218210

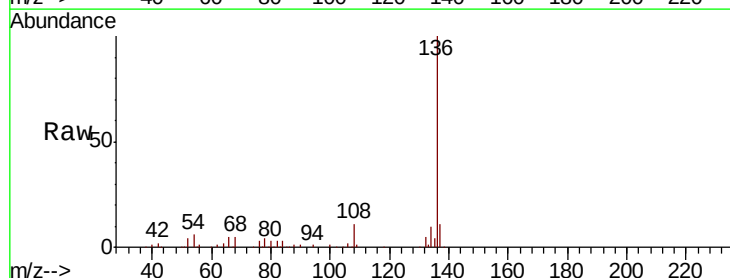
Ion Ratio Lower Upper

136 100

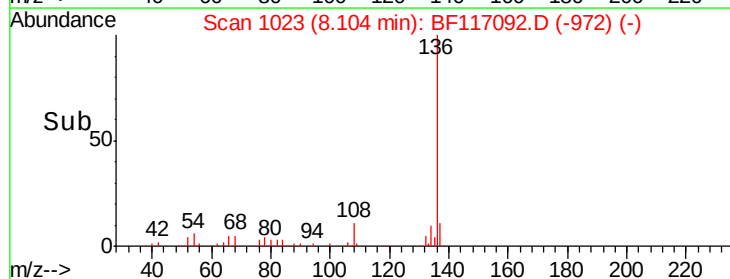
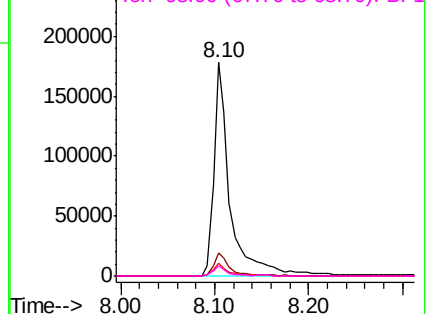
137 10.6 9.0 13.4

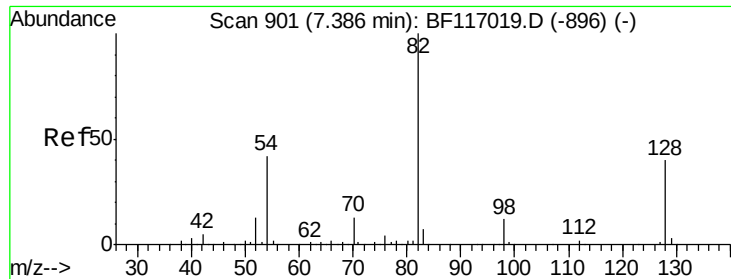
54 5.8 4.5 6.7

68 4.5 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

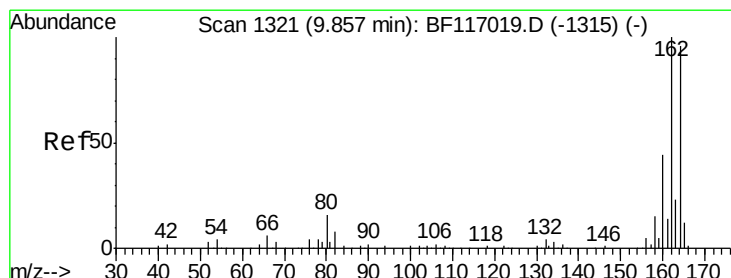
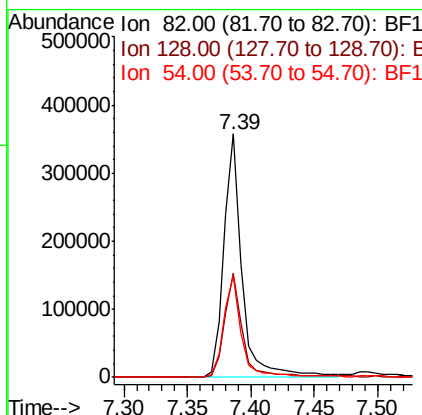
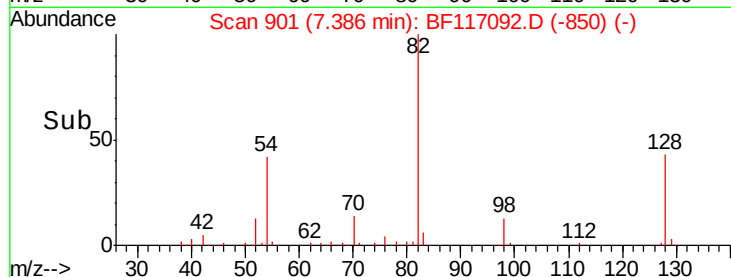
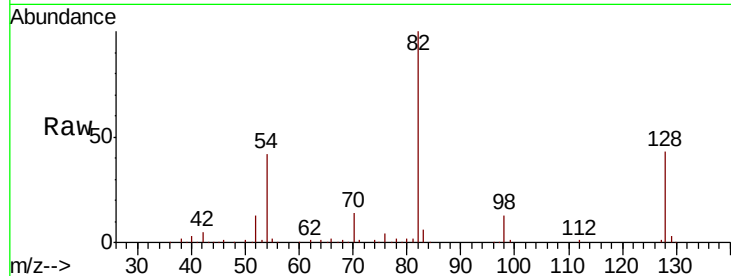




#23
 Nitrobenzene-d5
 Concen: 86.763 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117092.D
 Acq: 17 Sep 2019 5:31

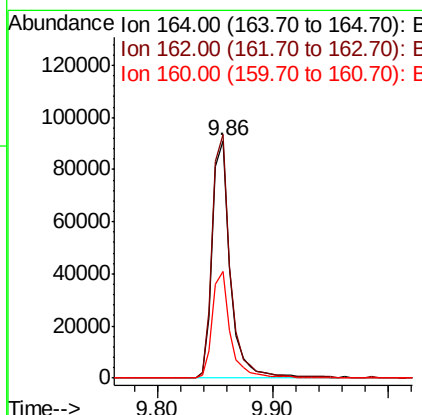
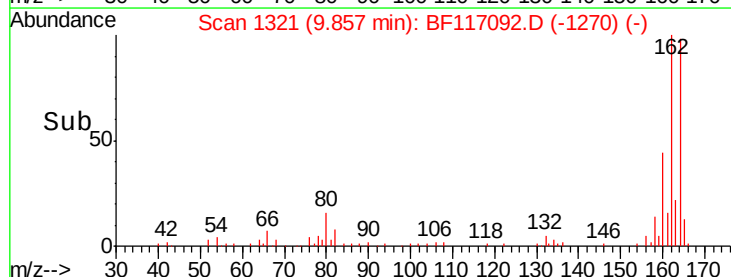
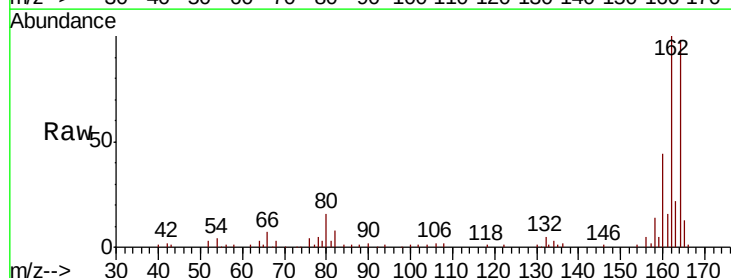
Instrument :
 BNA_F
 ClientSampleID :
 CSA-2-3

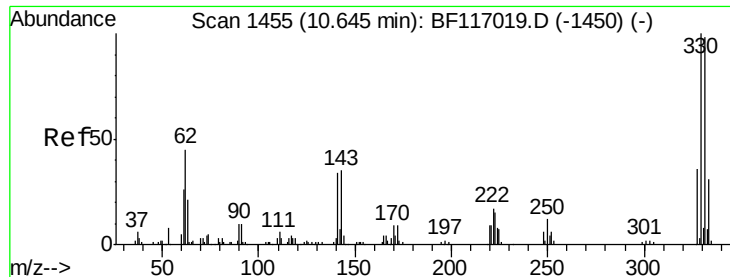
Tot Ion	82	Resp	360327
Ion Ratio	100	Lower	Upper
128	42.8	32.3	48.5
54	41.7	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF117092.D
 Acq: 17 Sep 2019 5:31

Tgt Ion	164	Resp	99546
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.5	83.4	125.2
160	44.7	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 126.470 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117092.D

Acq: 17 Sep 2019 5:31

Instrument :

BNA_F

ClientSampled :

CSA-2-3

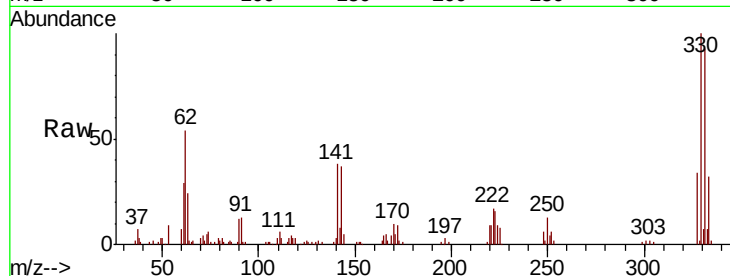
Tot Ion:330 Resp: 105220

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

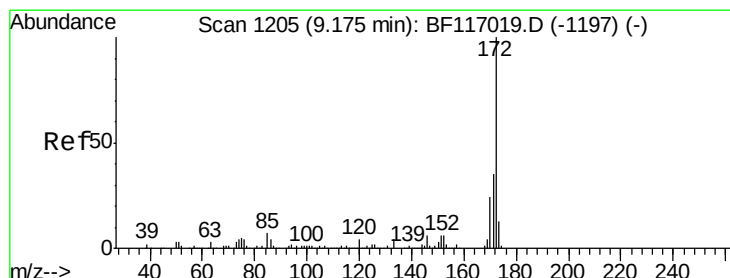
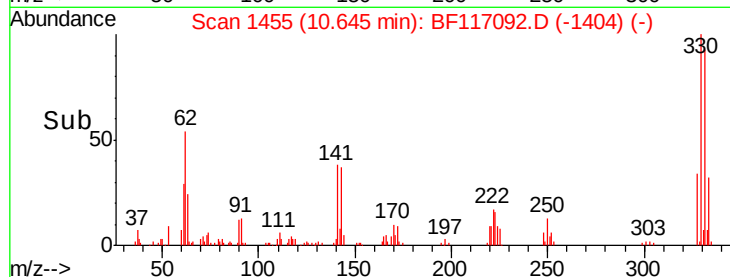
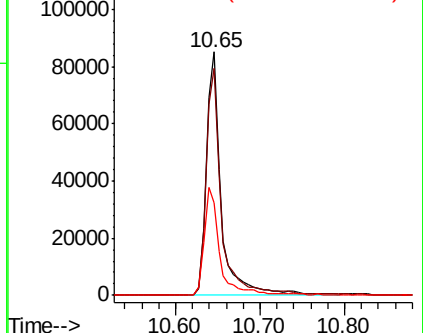
141 46.4 35.8 53.6



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: 109.284 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117092.D

Acq: 17 Sep 2019 5:31

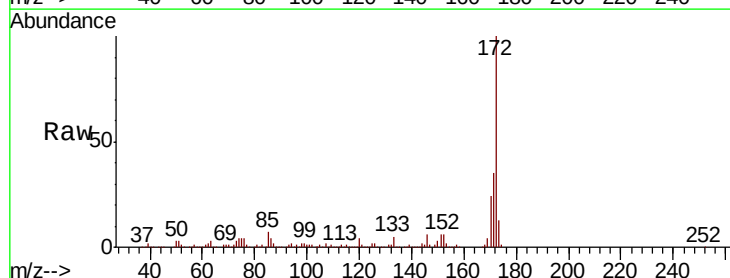
Tgt Ion:172 Resp: 695761

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

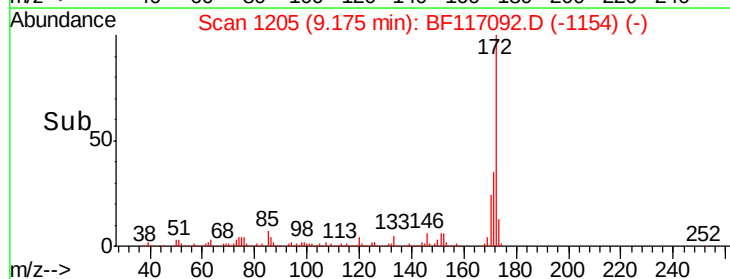
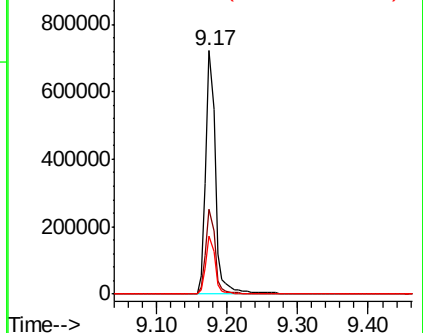
170 23.8 18.9 28.3

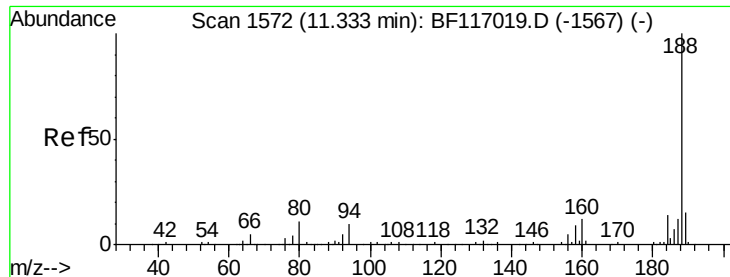


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

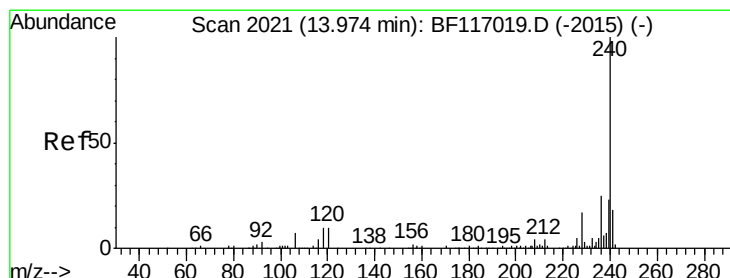
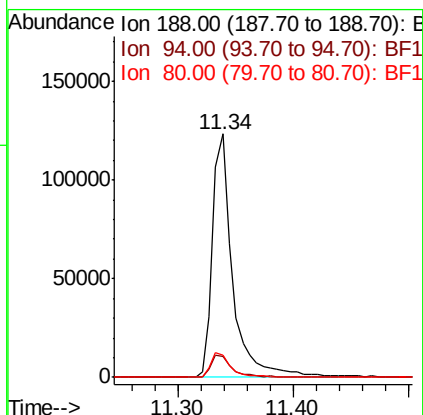
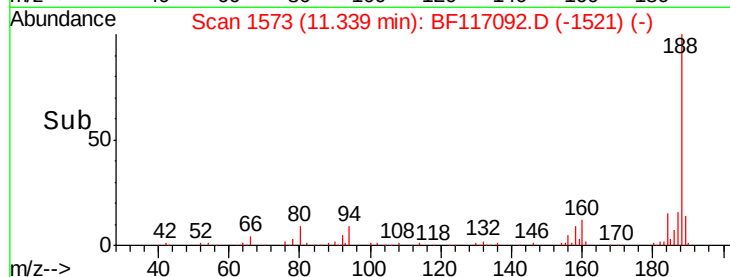
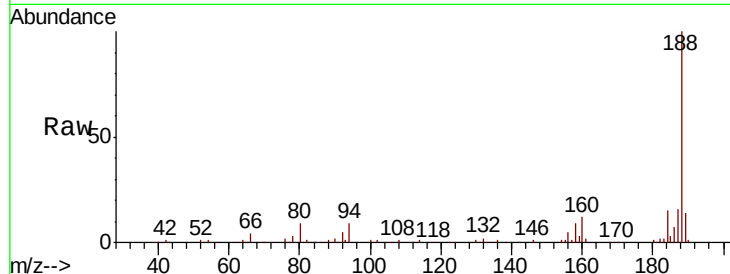




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

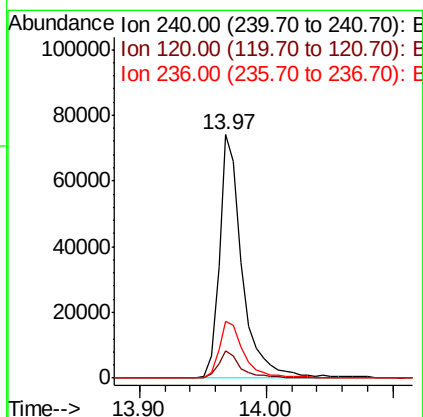
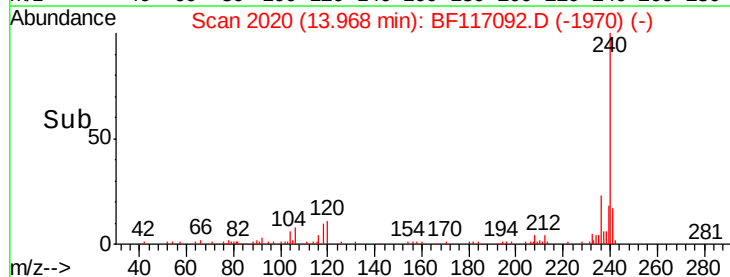
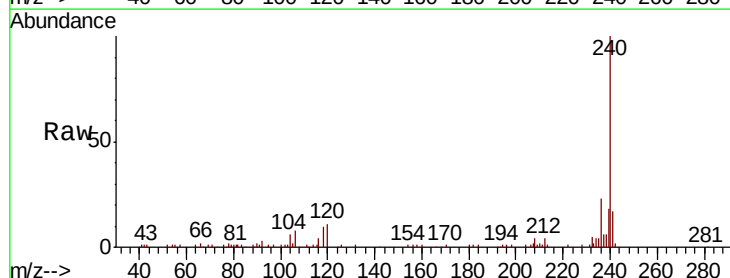
Instrument :
BNA_F
ClientSampleId :
CSA-2-3

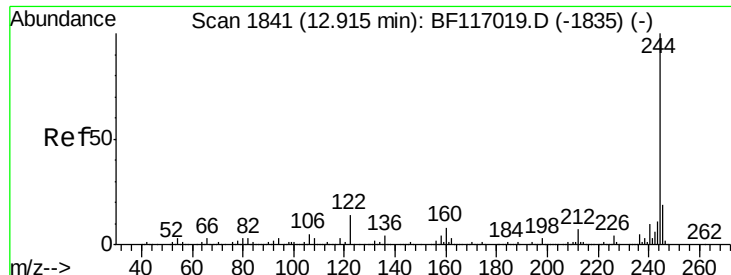
Tot Ion:188 Resp: 150972
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.2 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion:240 Resp: 92555
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 23.2 20.3 30.5





#79

Terphenyl-d14

Concen: 122.903 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117092.D

Acq: 17 Sep 2019 5:31

Instrument :

BNA_F

ClientSampleId :

CSA-2-3

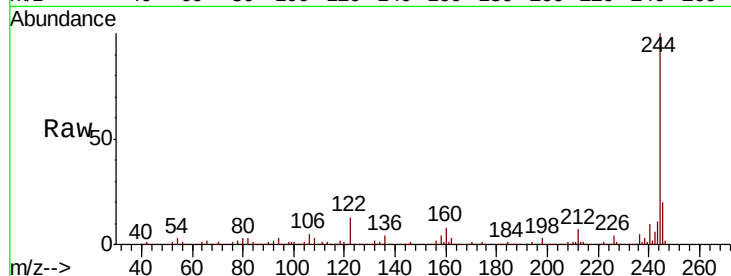
Tot Ion:244 Resp: 608559

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

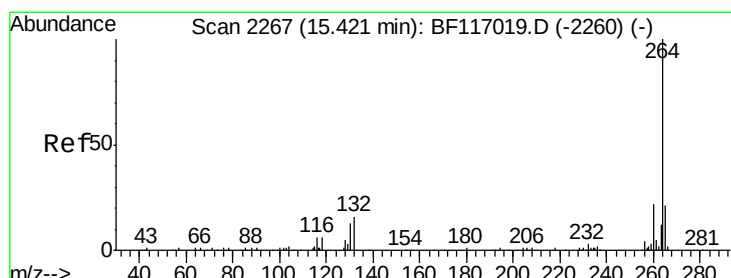
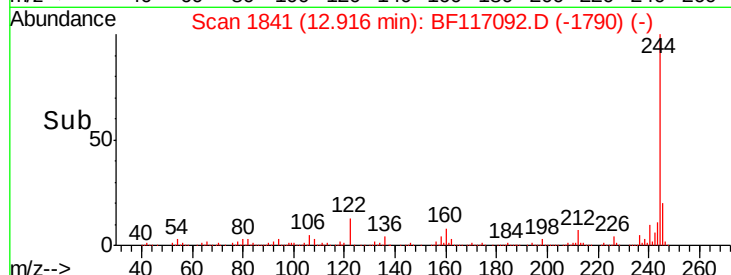
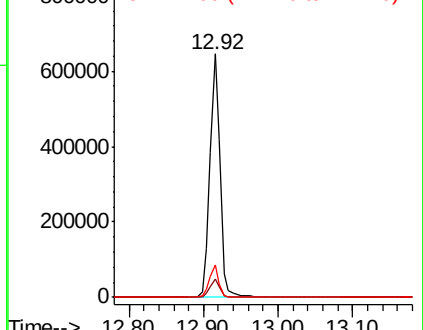
122 13.2 11.3 16.9



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: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF117092.D

Acq: 17 Sep 2019 5:31

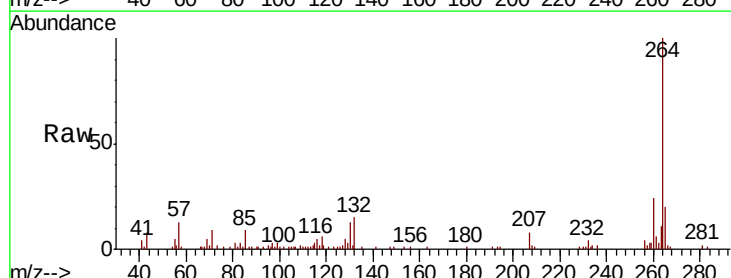
Tgt Ion:264 Resp: 68372

Ion Ratio Lower Upper

264 100

260 23.7 17.6 26.4

265 19.7 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

