

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117097.D
 Acq On : 17 Sep 2019 11:03
 Operator : HP/JU
 Sample : K4883-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2-R2-1

Quant Time: Sep 26 08:00:50 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	73658	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	289018	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	145973	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	237460	20.00	ng	0.00
76) Chrysene-d12	13.97	240	154707	20.00	ng	0.00
87) Perylene-d12	15.42	264	121653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	250593	53.12	ng	0.00
7) Phenol-d6	6.46	99	214271	35.14	ng	0.00
23) Nitrobenzene-d5	7.39	82	530452	96.43	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	178241	146.10	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	946463	101.38	ng	0.00
79) Terphenyl-d14	12.92	244	754207	91.13	ng	0.00

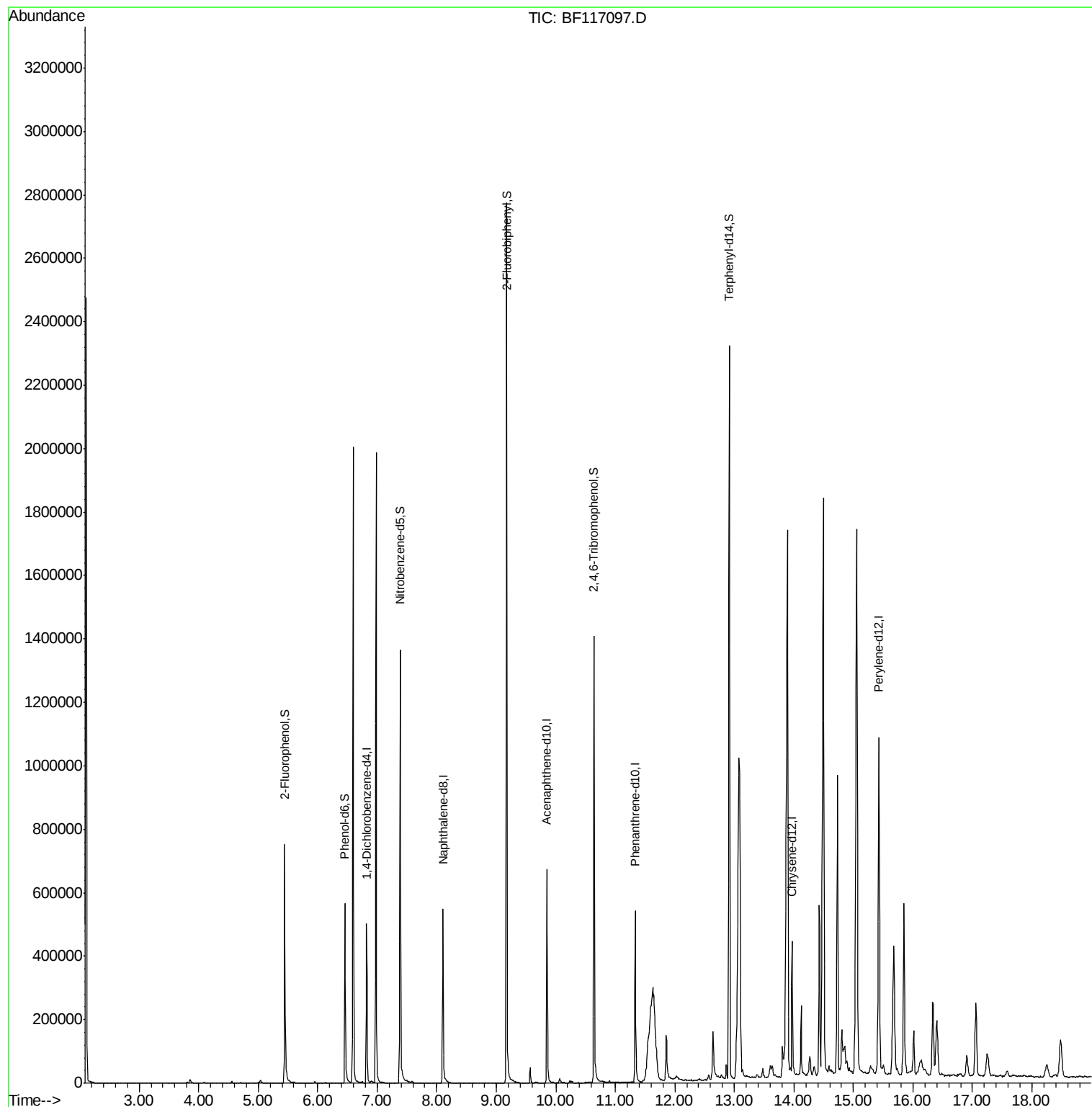
Target Compounds Qvalue

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

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QLast Update : Fri Sep 13 16:23:17 2019
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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: BF117097.D

Acq: 17 Sep 2019 11:03

Instrument :

BNA_F

ClientSampleId :

MW2-R2-1

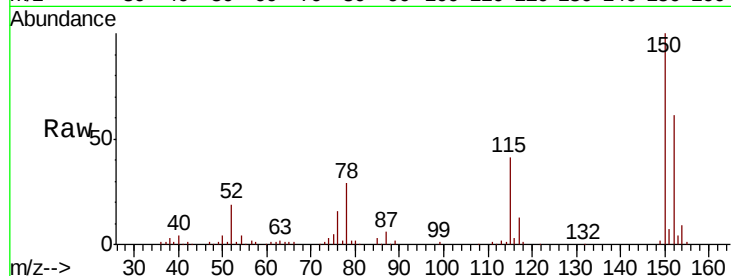
Tot Ion:152 Resp: 73658

Ion Ratio Lower Upper

152 100

150 163.4 127.5 191.3

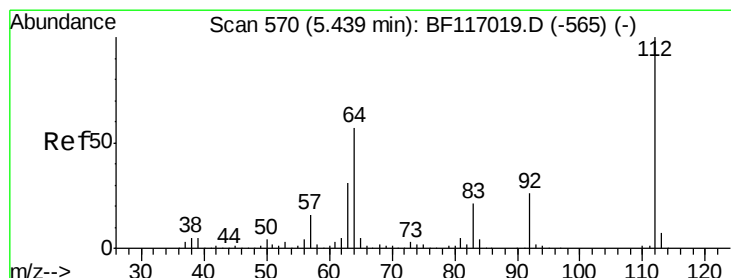
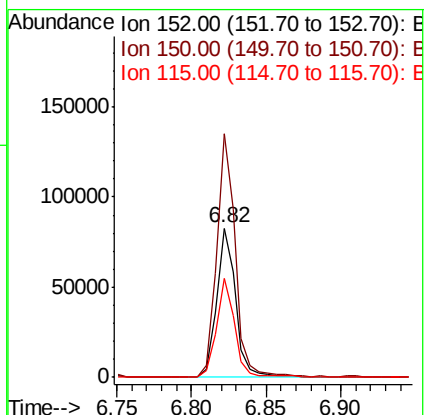
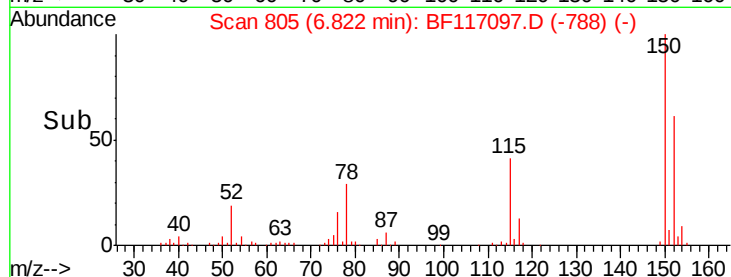
115 66.3 55.0 82.4



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: 53.115 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117097.D

Acq: 17 Sep 2019 11:03

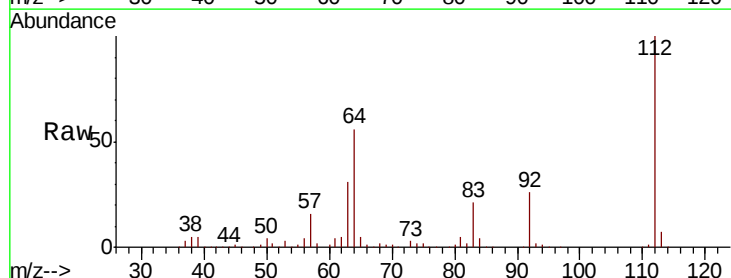
Tgt Ion:112 Resp: 250593

Ion Ratio Lower Upper

112 100

64 56.5 45.7 68.5

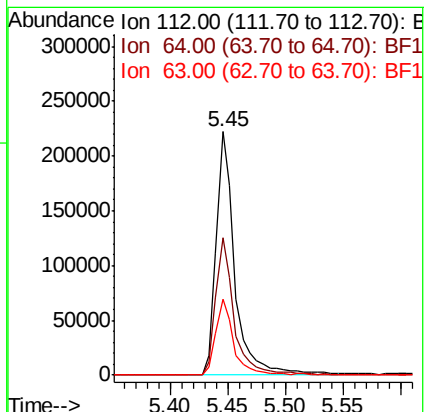
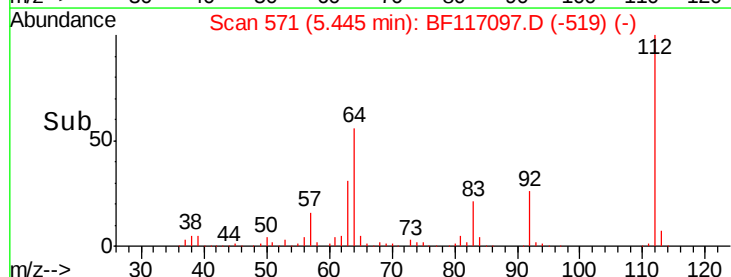
63 31.0 24.9 37.3

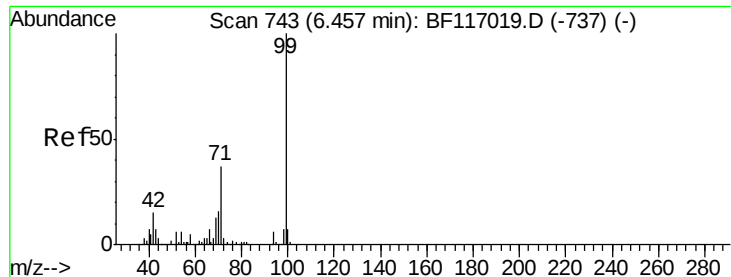


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 35.142 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF117097.D

Acq: 17 Sep 2019 11:03

Instrument :

BNA_F

ClientSampled :

MW2-R2-1

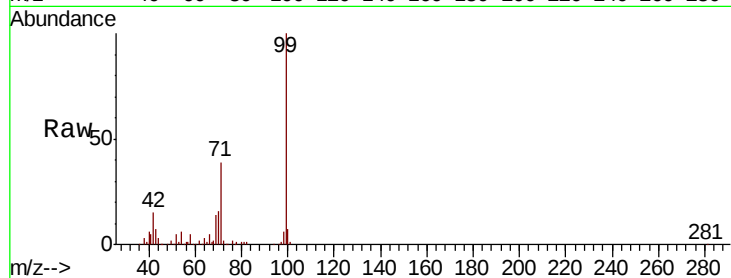
Tot Ion: 99 Resp: 214271

Ion Ratio Lower Upper

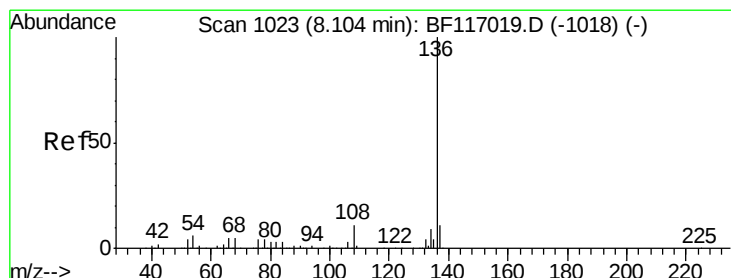
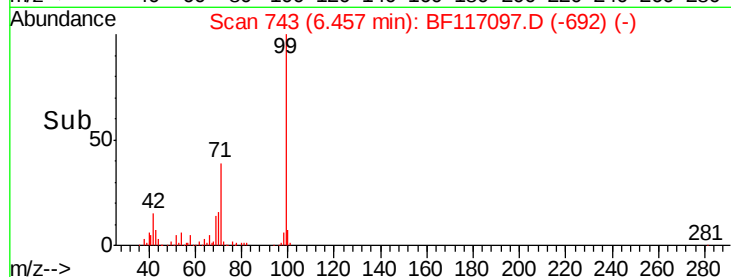
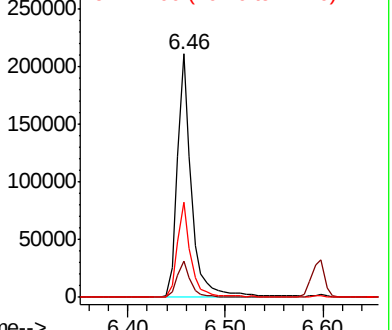
99 100

42 15.0 12.2 18.2

71 39.1 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: BF117097.D

Acq: 17 Sep 2019 11:03

Tgt Ion: 136 Resp: 289018

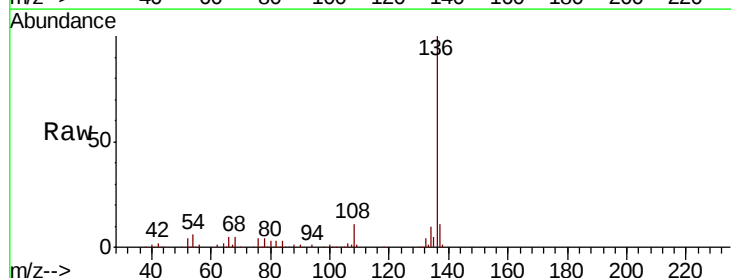
Ion Ratio Lower Upper

136 100

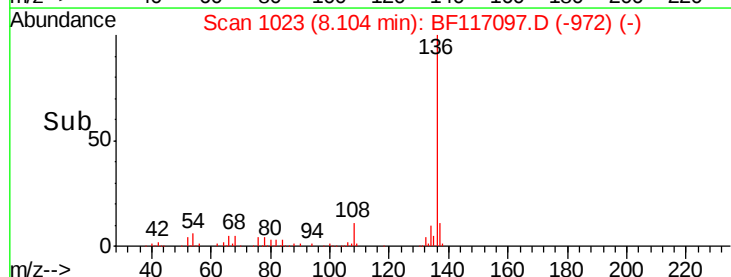
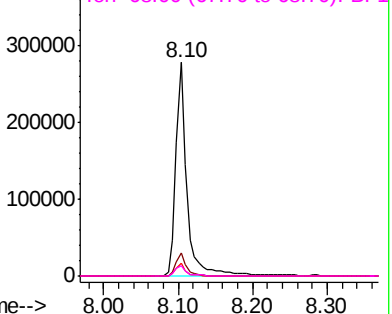
137 11.0 9.0 13.4

54 5.7 4.5 6.7

68 4.6 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

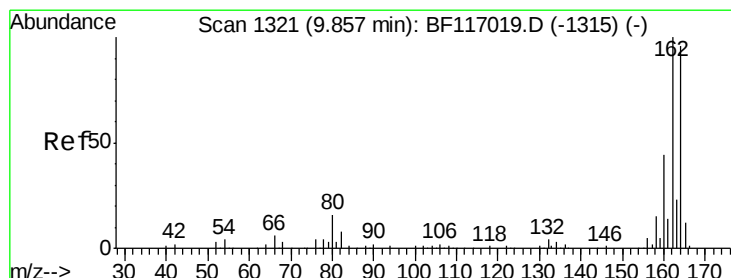
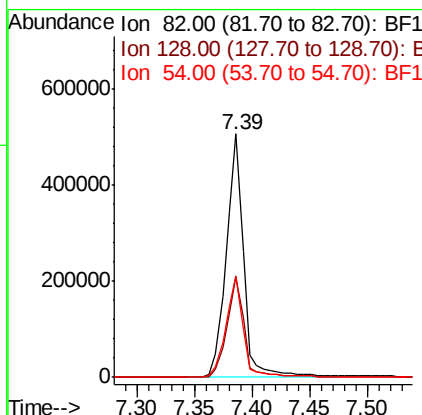
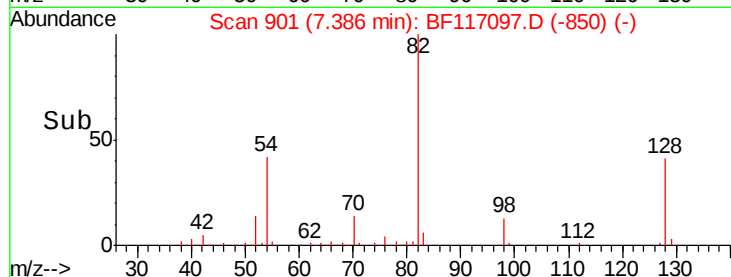
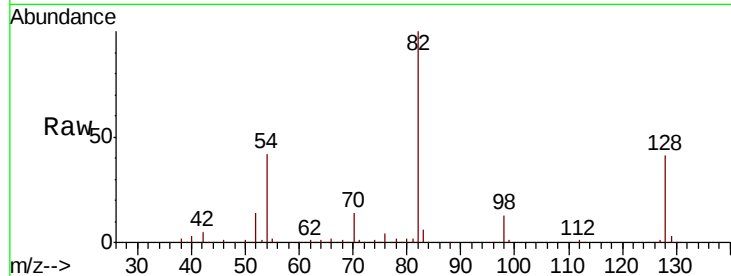




#23
 Nitrobenzene-d5
 Concen: 96.434 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117097.D
 Acq: 17 Sep 2019 11:03

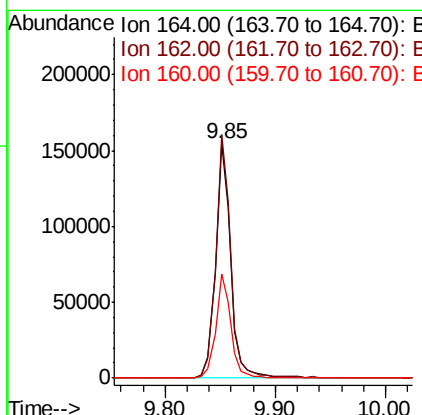
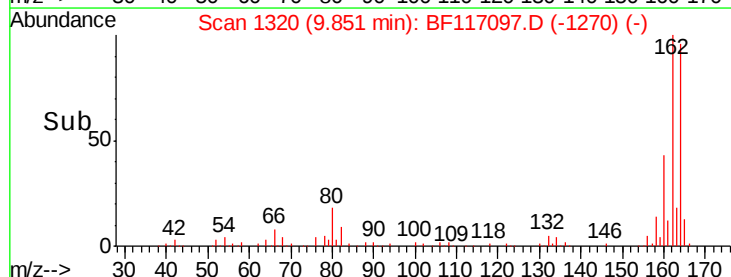
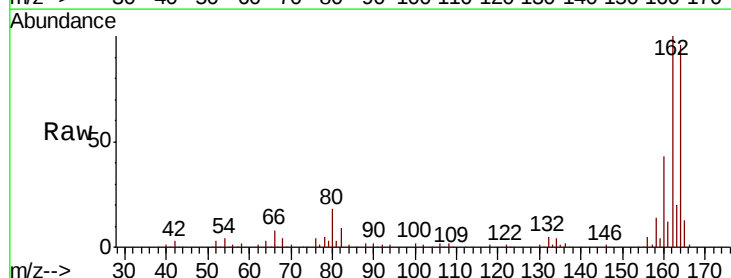
Instrument :
 BNA_F
 ClientSampleId :
 MW2-R2-1

Tot Ion	82	Resp	530452
Ion Ratio	100	Lower	Upper
128	41.1	32.3	48.5
54	41.9	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: BF117097.D
 Acq: 17 Sep 2019 11:03

Tgt Ion	164	Resp	145973
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.9	83.4	125.2
160	44.6	36.4	54.6

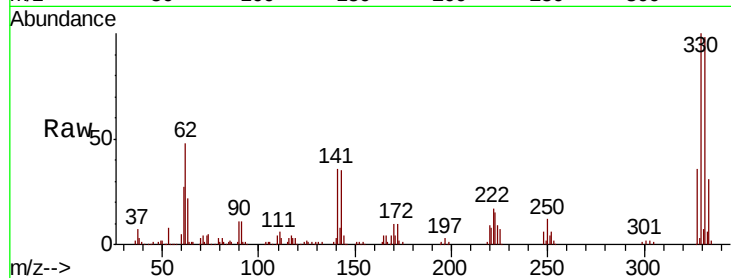




#42
 2,4,6-Tribromophenol
 Concen: 146.099 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF117097.D
 Acq: 17 Sep 2019 11:03

Instrument :
 BNA_F
 ClientSampleId :
 MW2-R2-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	45.0	35.8	53.6

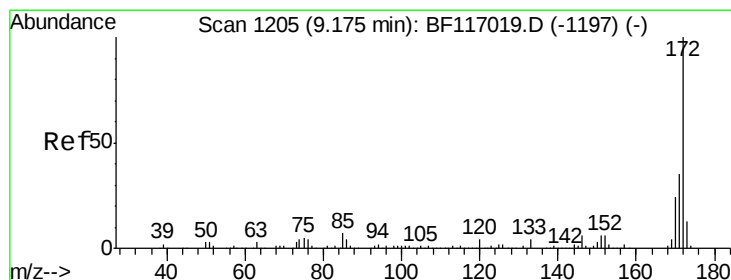
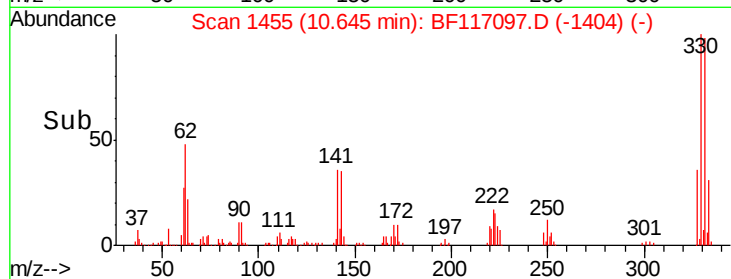
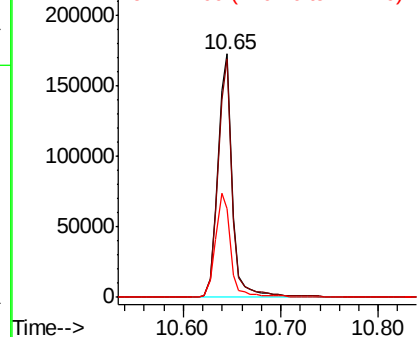


Abundance

Ion 329.80 (329.50 to 330.50): E

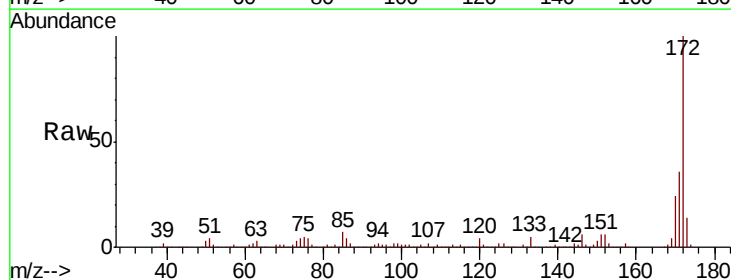
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.379 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF117097.D
 Acq: 17 Sep 2019 11:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	23.9	18.9	28.3

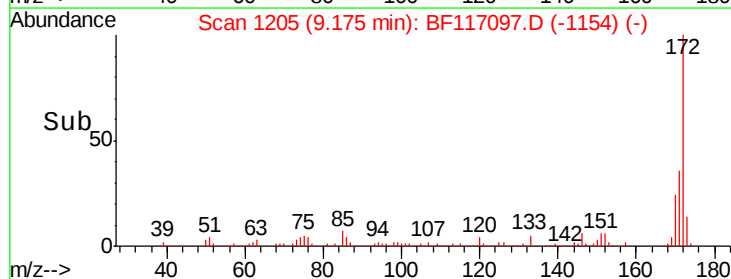
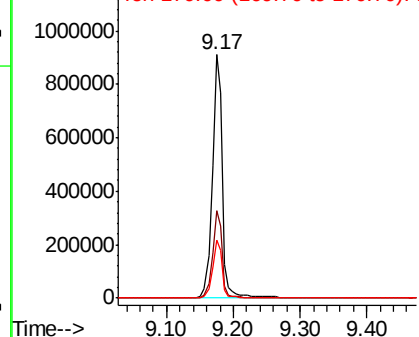


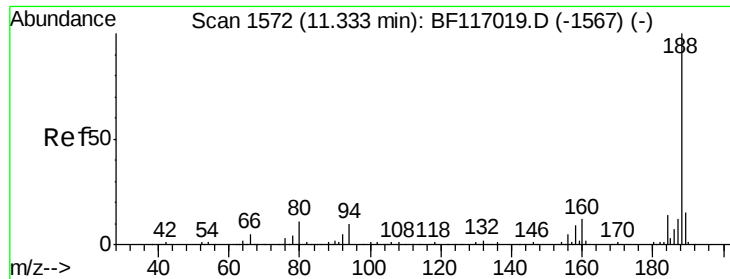
Abundance

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

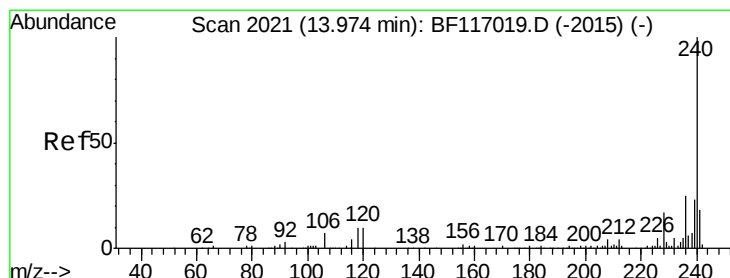
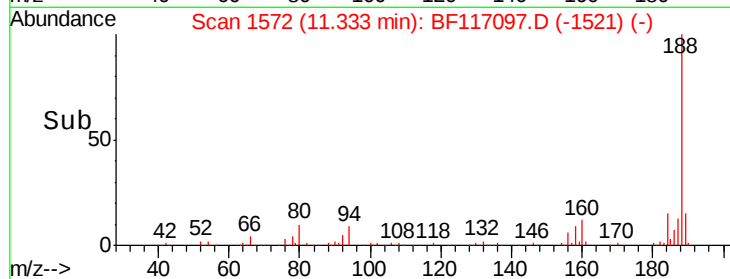
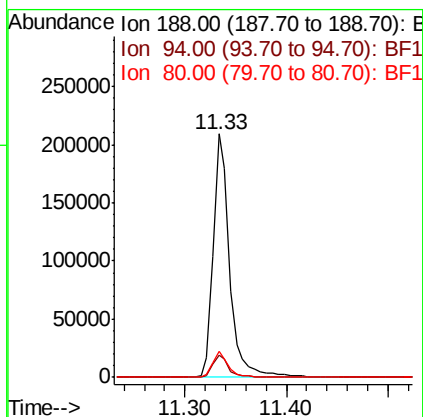
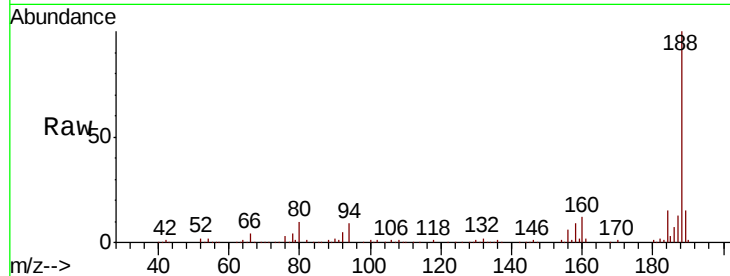




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117097.D
Acq: 17 Sep 2019 11:03

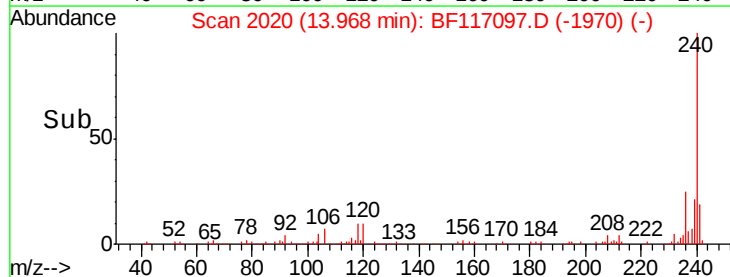
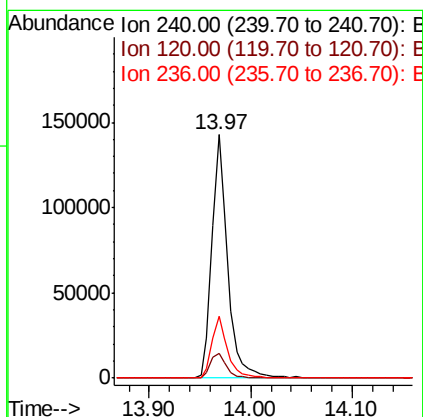
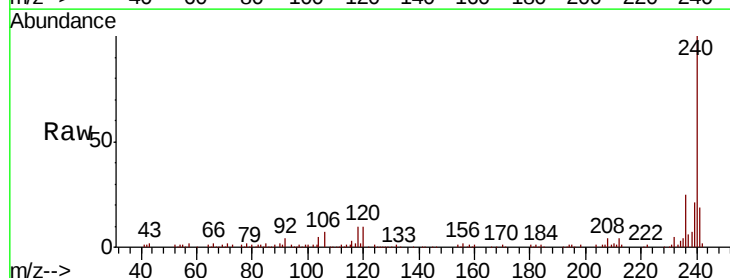
Instrument :
BNA_F
ClientSampled :
MW2-R2-1

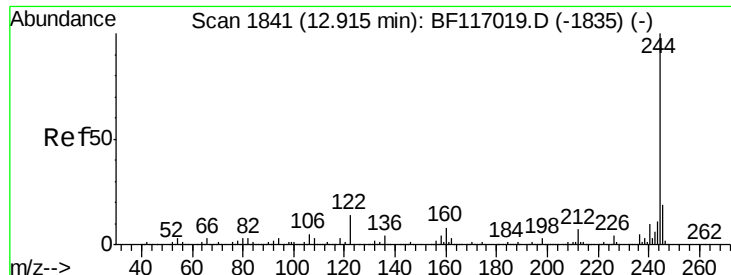
Tot Ion:188 Resp: 237460
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.5 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117097.D
Acq: 17 Sep 2019 11:03

Tgt Ion:240 Resp: 154707
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 91.126 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117097.D

Acq: 17 Sep 2019 11:03

Instrument :

BNA_F

ClientSampleId :

MW2-R2-1

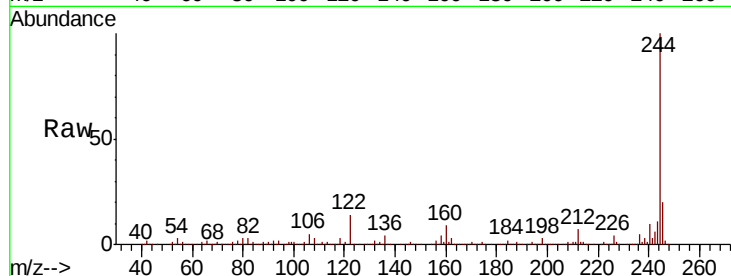
Tot Ion:244 Resp: 754207

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

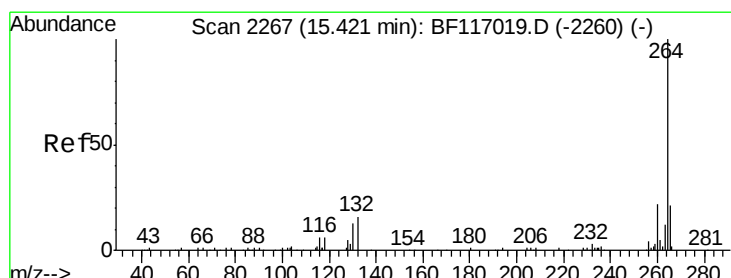
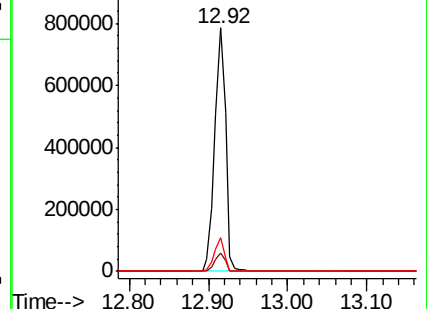
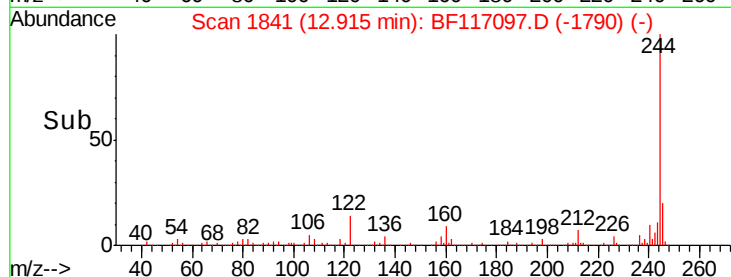
122 13.6 11.3 16.9



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: BF117097.D

Acq: 17 Sep 2019 11:03

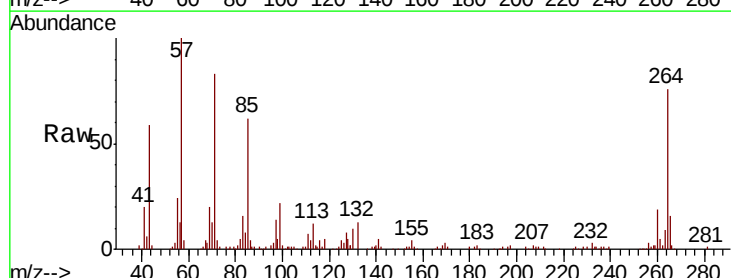
Tgt Ion:264 Resp: 121653

Ion Ratio Lower Upper

264 100

260 25.5 17.6 26.4

265 21.2 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

