

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117091.D
 Acq On : 17 Sep 2019 5:04
 Operator : HP/JU
 Sample : K4877-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-2

Quant Time: Sep 17 08:22:23 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

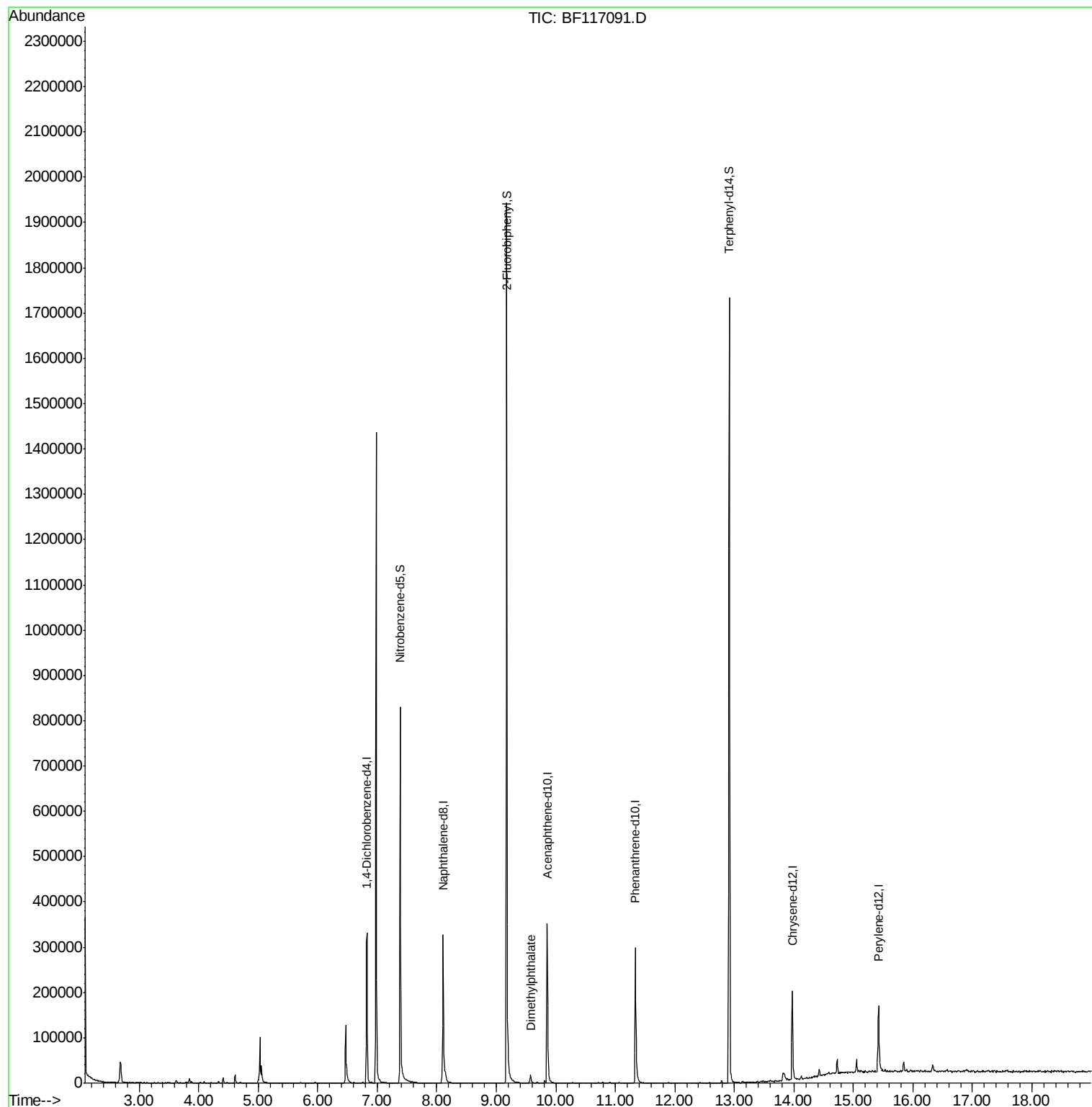
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	57282	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	220801	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	100012	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	153879	20.00	ng	0.00
76) Chrysene-d12	13.97	240	92417	20.00	ng	0.00
87) Perylene-d12	15.42	264	68105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.47	99	5270	1.11	ng	0.01
23) Nitrobenzene-d5	7.39	82	322891	76.84	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.17	172	652953	102.08	ng	0.00
79) Terphenyl-d14	12.92	244	570559	115.40	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	15732	2.222	ng	Qvalue # 96

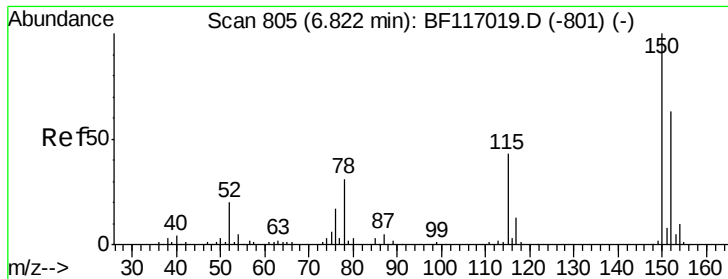
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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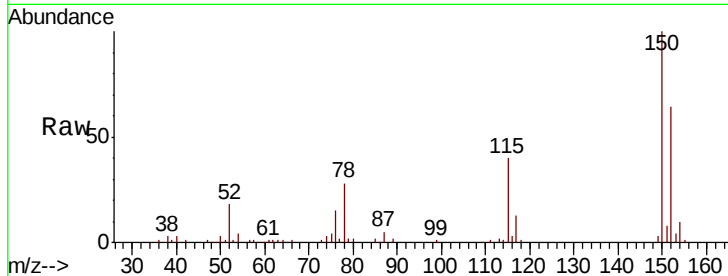


#1

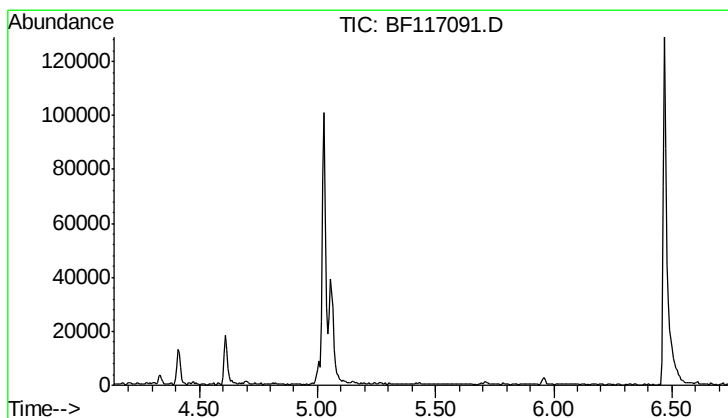
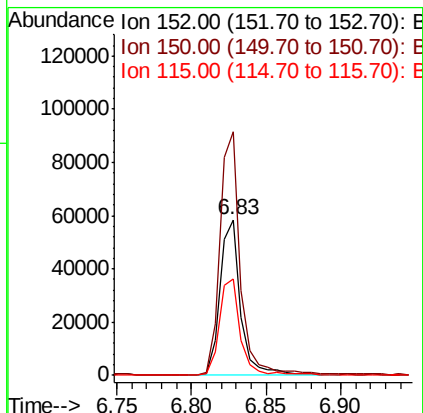
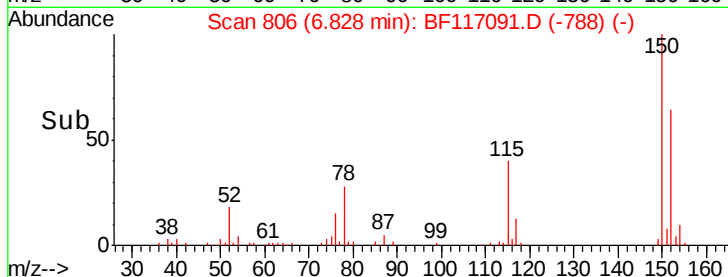
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117091.D
Acq: 17 Sep 2019 5:04

Instrument :
BNA_F
ClientSampleId :
CSA-2-2

Tot Ion:152 Resp: 57282
Ion Ratio Lower Upper
152 100
150 156.4 127.5 191.3
115 62.1 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

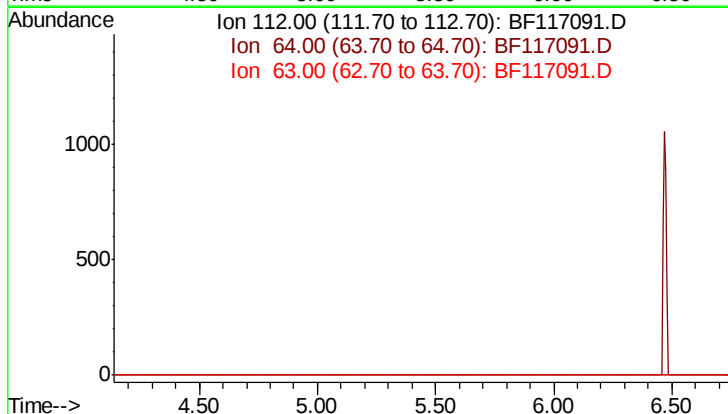


#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.44 min

Lab File: BF117091.D
Acq: 17 Sep 2019 5:04

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.1
63 31.1





#7

Phenol-d6

Concen: 1.111 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117091.D

Acq: 17 Sep 2019 5:04

Instrument :

BNA_F

ClientSampleId :

CSA-2-2

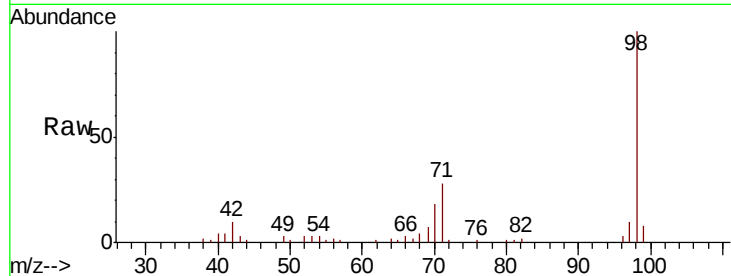
Tot Ion: 99 Resp: 5270

Ion Ratio Lower Upper

99 100

42 126.8 12.2 18.2#

71 337.4 29.8 44.8#

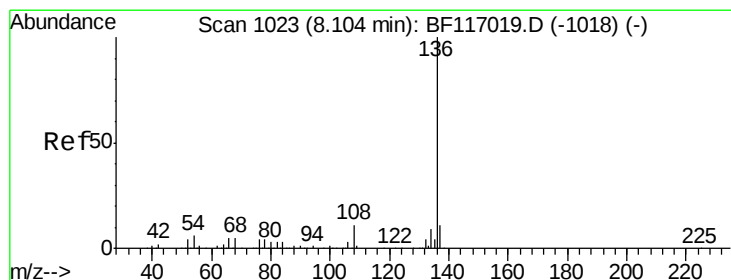
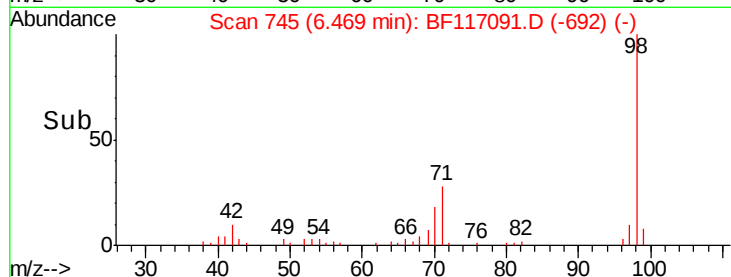
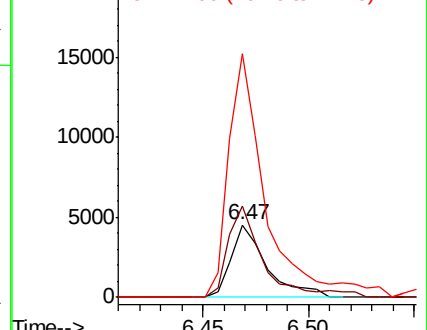


Abundance

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: BF117091.D

Acq: 17 Sep 2019 5:04

Tgt Ion: 136 Resp: 220801

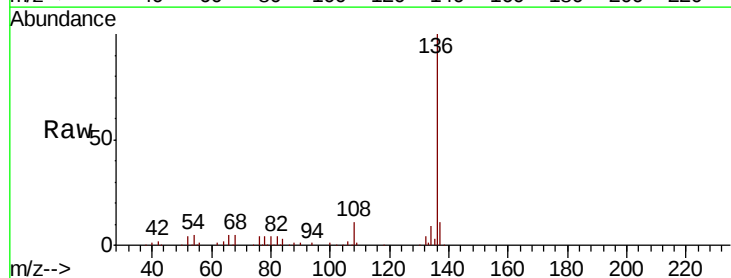
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.5 4.5 6.7

68 4.7 4.0 6.0



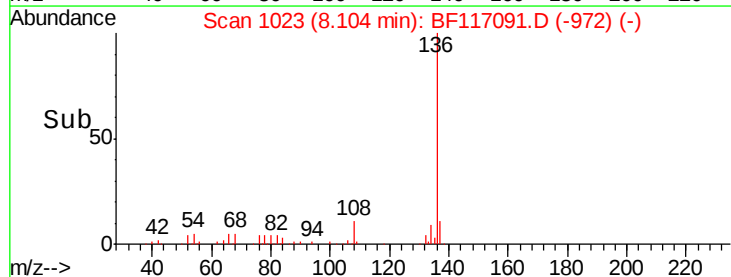
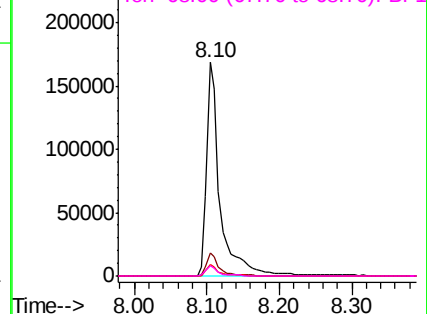
Abundance

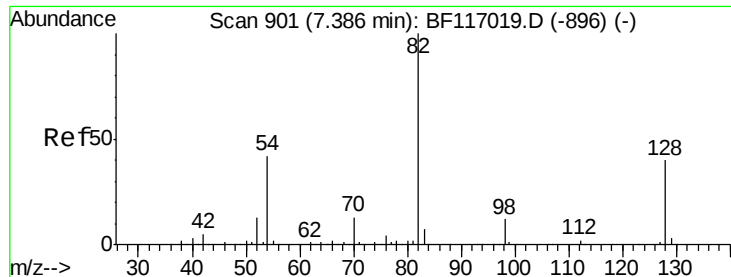
Ion 136.00 (135.70 to 136.70): E

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

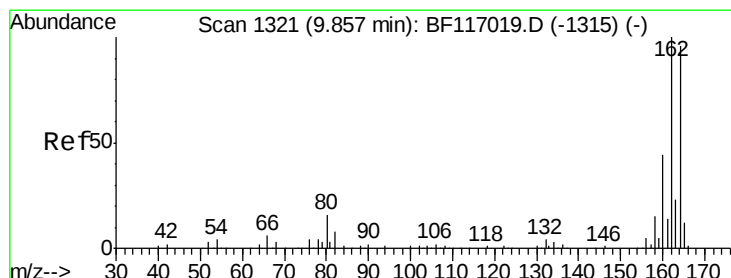
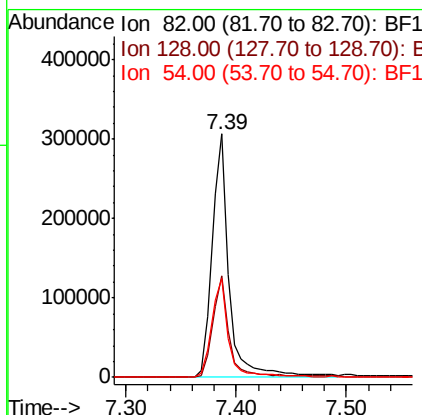
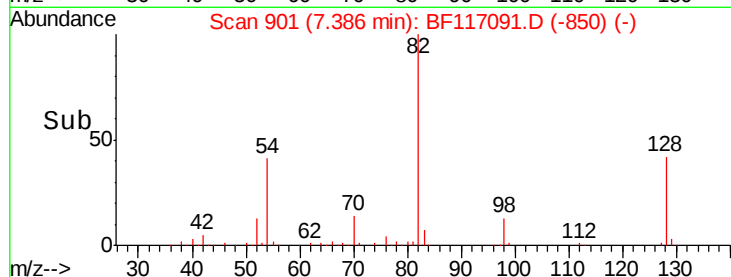
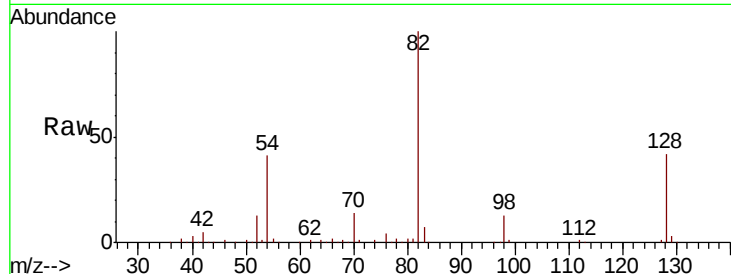




#23
 Nitrobenzene-d5
 Concen: 76.836 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117091.D
 Acq: 17 Sep 2019 5:04

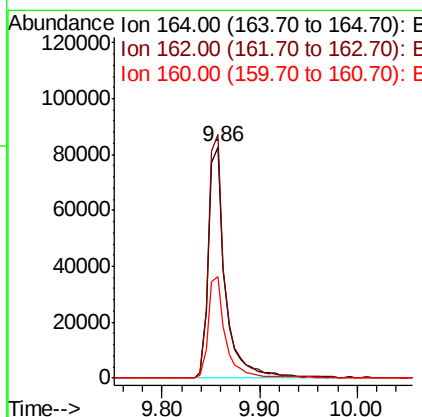
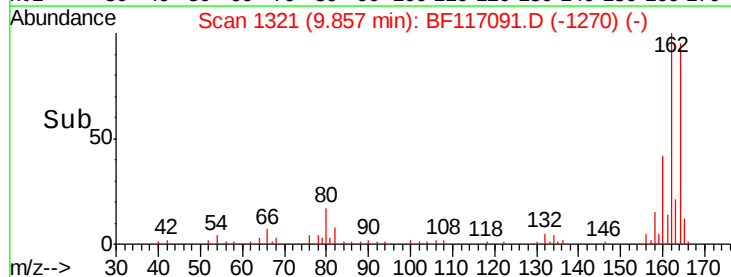
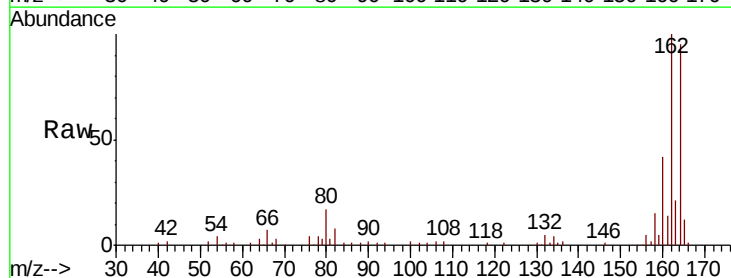
Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-2

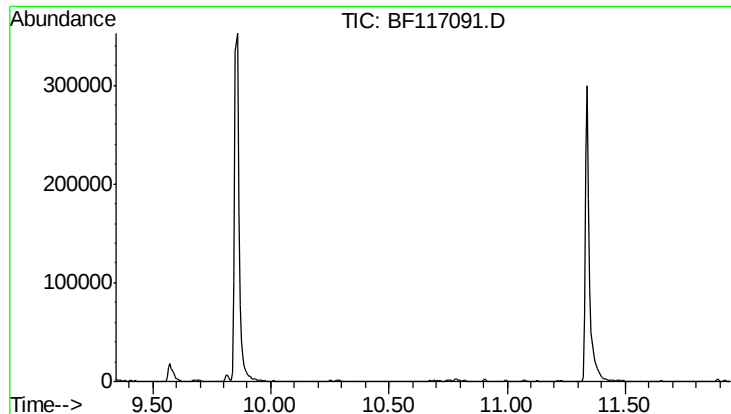
Tot Ion	82	Resp	322891
Ion Ratio	100	Lower	Upper
128	41.9	32.3	48.5
54	40.5	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF117091.D
 Acq: 17 Sep 2019 5:04

Tgt Ion	164	Resp	100012
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.5	83.4	125.2
160	43.9	36.4	54.6

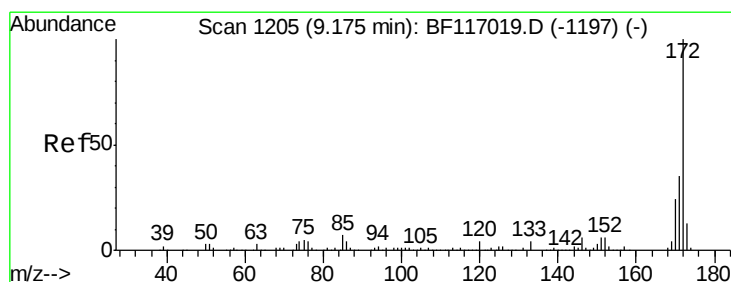
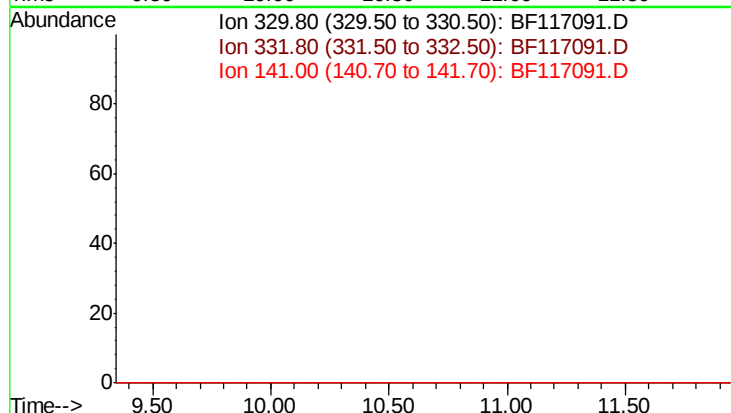




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min
 Lab File: BF117091.D
 Acq: 17 Sep 2019 5:04

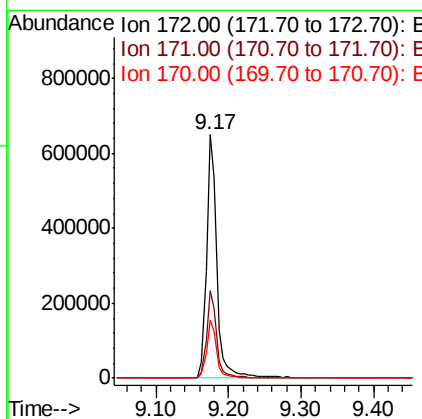
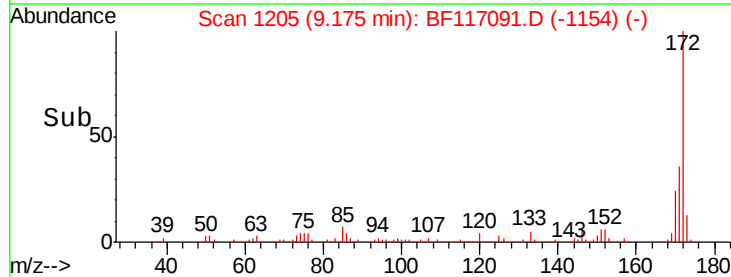
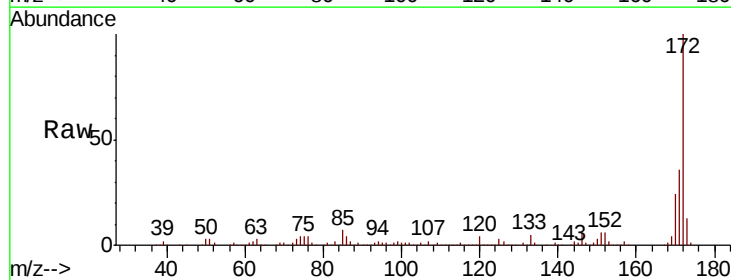
Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-2

Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 97.5
 141 44.7



#45
 2-Fluorobiphenyl
 Concen: 102.082 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF117091.D
 Acq: 17 Sep 2019 5:04

Tgt Ion: 172 Resp: 652953
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.2
 170 23.8 18.9 28.3





#50

Dimethylphthalate

Concen: 2.222 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF117091.D

Acq: 17 Sep 2019 5:04

Instrument :

BNA_F

ClientSampleId :

CSA-2-2

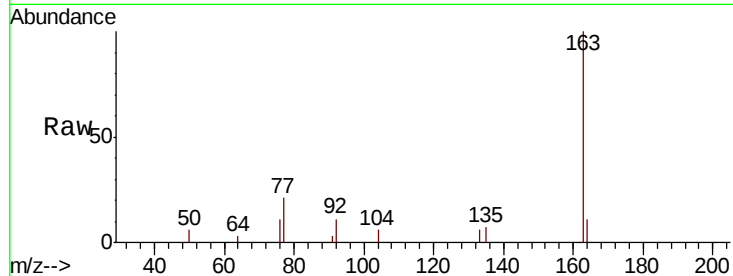
Tot Ion:163 Resp: 15732

Ion Ratio Lower Upper

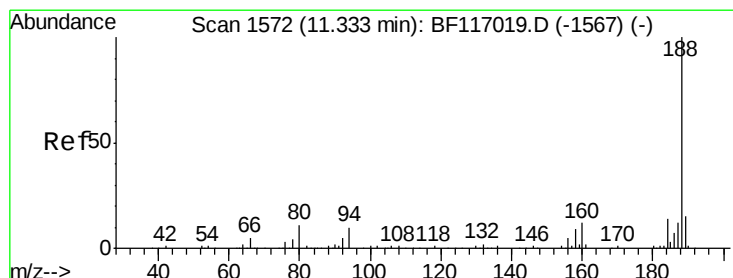
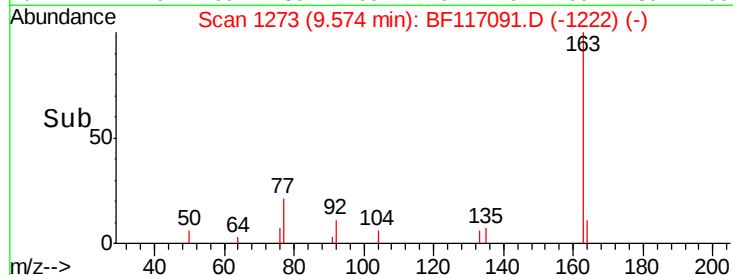
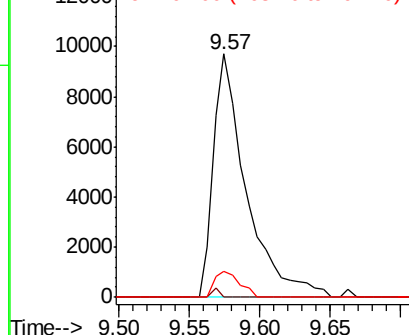
163 100

194 0.0 2.9 4.3#

164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117091.D

Acq: 17 Sep 2019 5:04

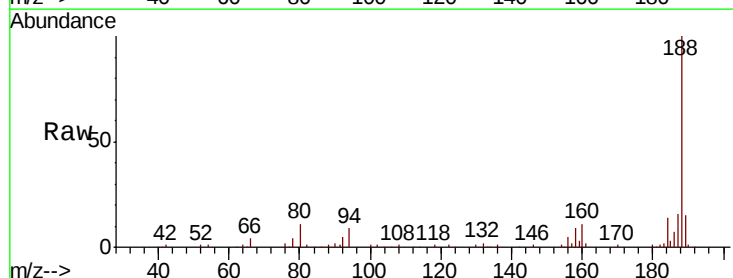
Tgt Ion:188 Resp: 153879

Ion Ratio Lower Upper

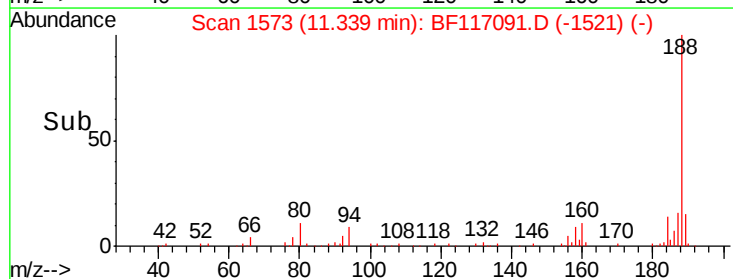
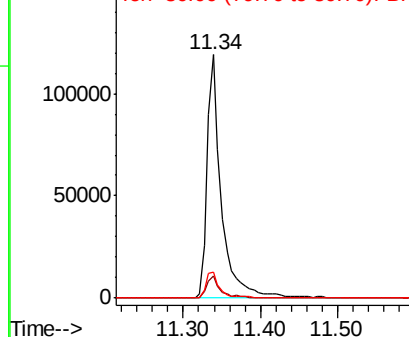
188 100

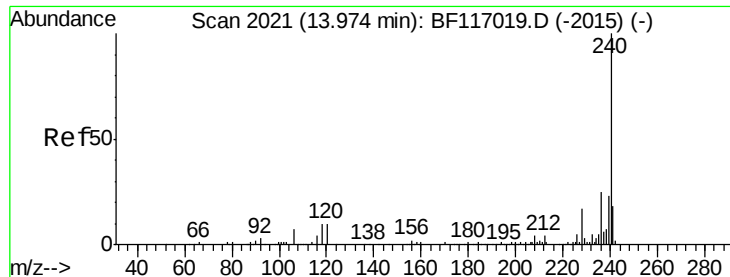
94 9.0 8.2 12.2

80 10.9 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# 2020

Delta R.T. -0.01 min

Lab File: BF117091.D

Acq: 17 Sep 2019 5:04

Instrument :

BNA_F

ClientSampleId :

CSA-2-2

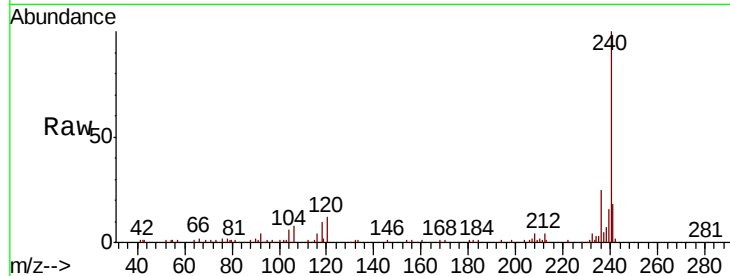
Tot Ion:240 Resp: 92417

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

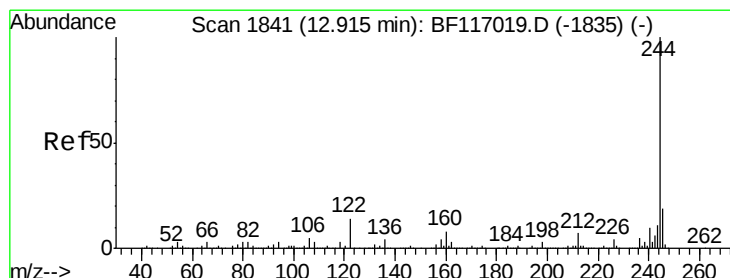
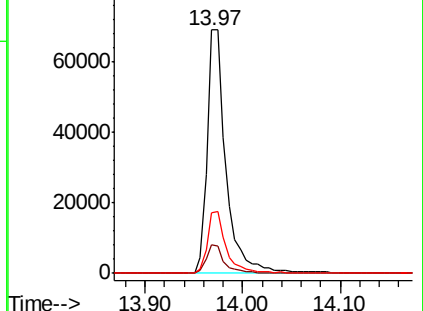
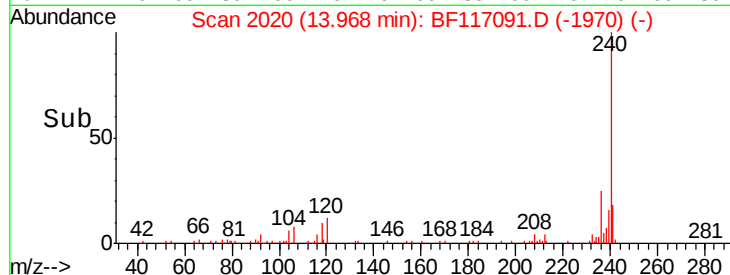
236 24.9 20.3 30.5



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: 115.401 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117091.D

Acq: 17 Sep 2019 5:04

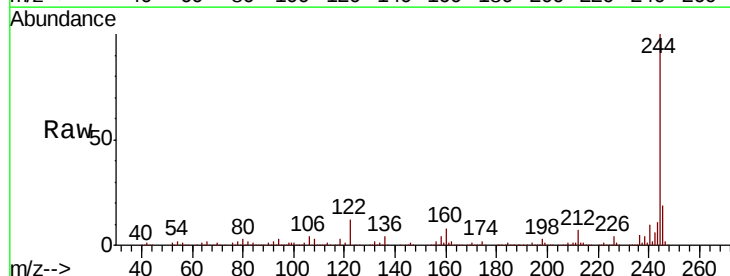
Tgt Ion:244 Resp: 570559

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

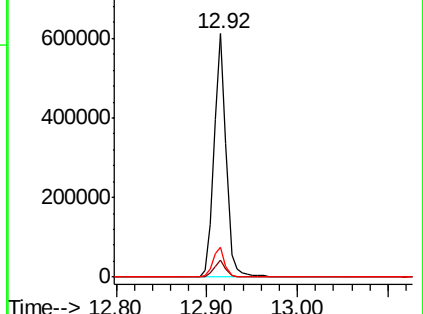
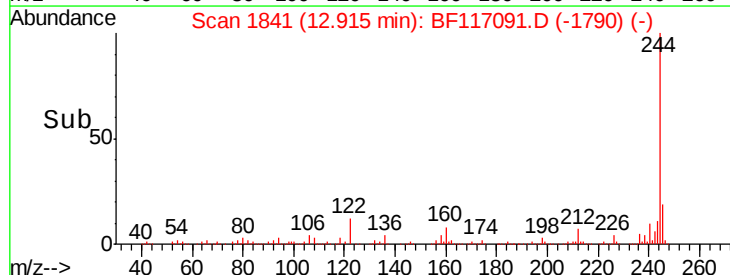
122 12.4 11.3 16.9

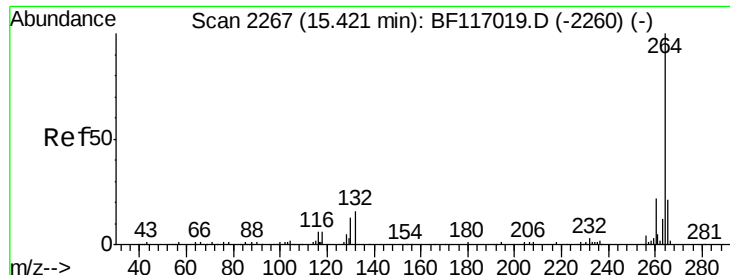


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF117091.D
Acq: 17 Sep 2019 5:04

Instrument :
BNA_F
ClientSampleId :
CSA-2-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.6	26.4
265	21.4	16.6	24.8

