

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117039.D
 Acq On : 13 Sep 2019 22:51
 Operator : HP/JU
 Sample : K4852-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

Quant Time: Sep 14 01:18:16 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

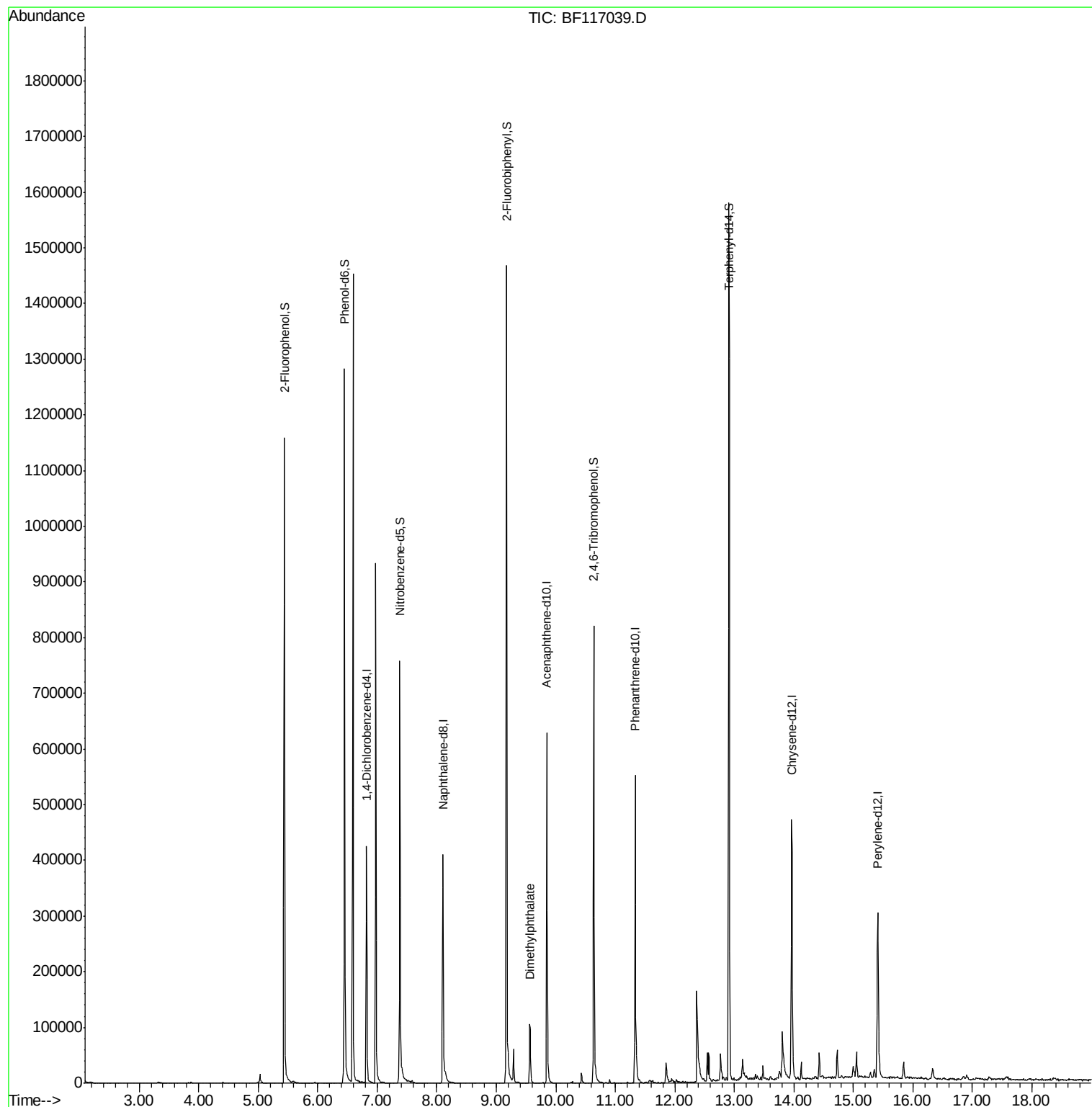
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63546	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	262180	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	133930	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	224766	20.00	ng	0.00
76) Chrysene-d12	13.96	240	166277	20.00	ng	-0.01
87) Perylene-d12	15.41	264	147562	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	337887	83.01	ng	0.00
7) Phenol-d6	6.45	99	486841	92.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	288339	57.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	107490	96.03	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	517298	60.39	ng	0.00
79) Terphenyl-d14	12.91	244	525909	59.12	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	57912	6.107	ng	Qvalue 99

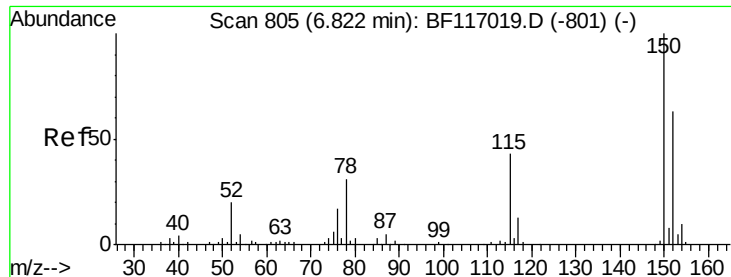
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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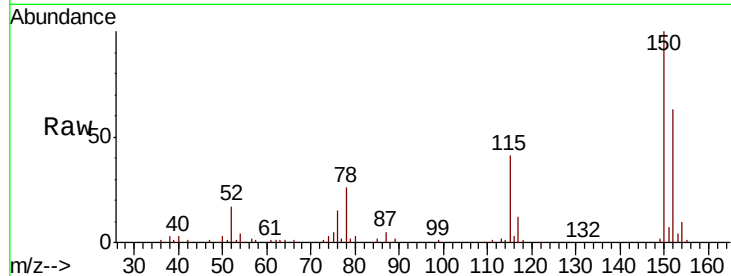


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF117039.D
 Acq: 13 Sep 2019 22:51

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.5	191.3
115	65.4	55.0	82.4

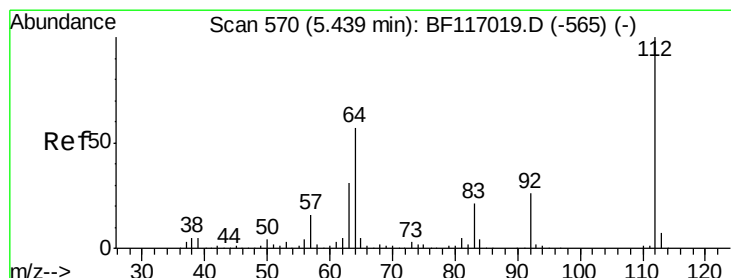
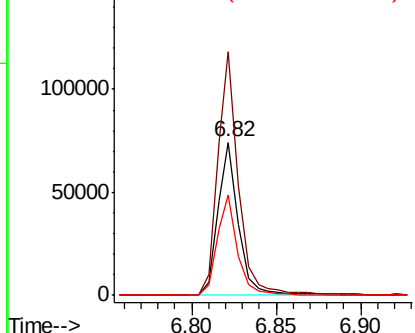
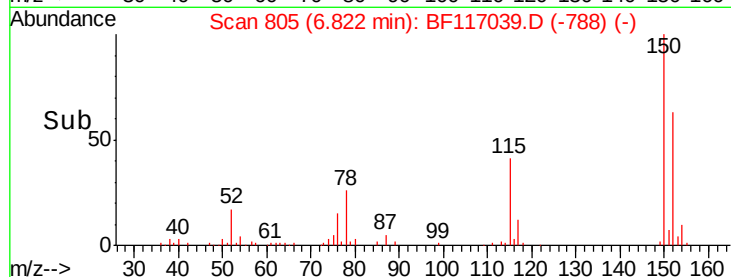


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

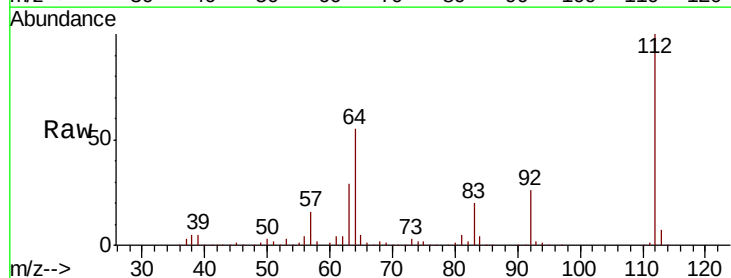
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 83.015 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF117039.D
 Acq: 13 Sep 2019 22:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.7	68.5
63	28.5	24.9	37.3

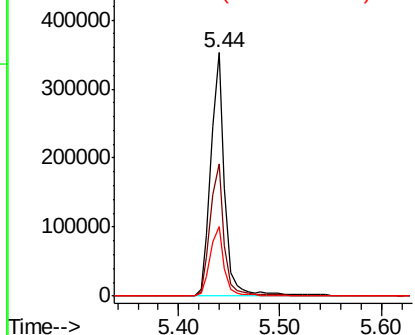
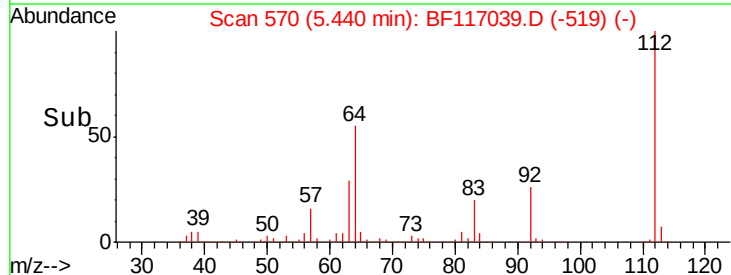


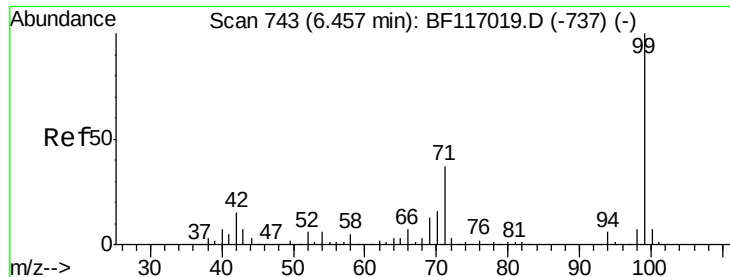
Abundance

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: 92.552 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

Instrument :

BNA_F

ClientSampleId :

GIS-1(0.-2)

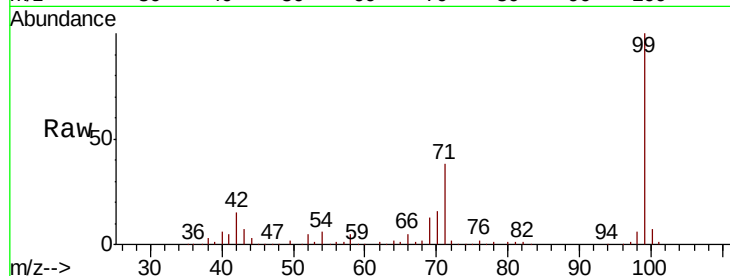
Tot Ion: 99 Resp: 486841

Ion Ratio Lower Upper

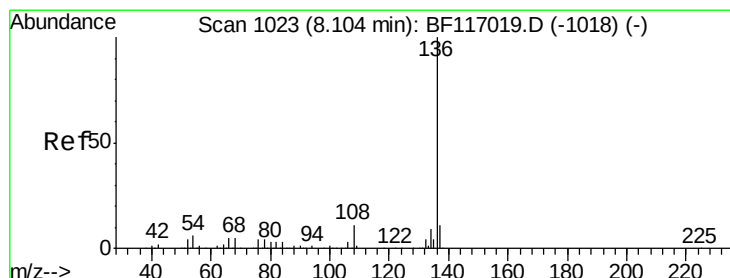
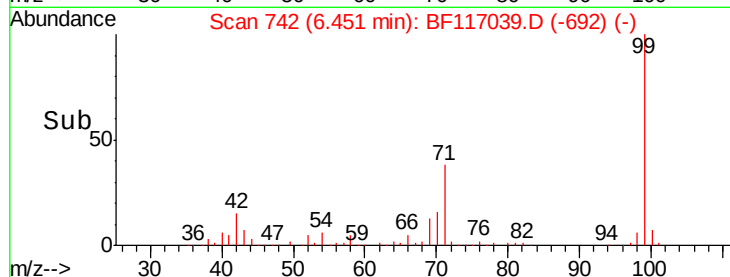
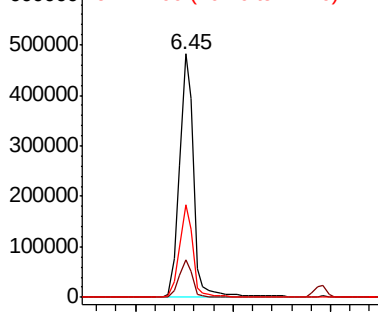
99 100

42 15.3 12.2 18.2

71 38.2 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: BF117039.D

Acq: 13 Sep 2019 22:51

Tgt Ion: 136 Resp: 262180

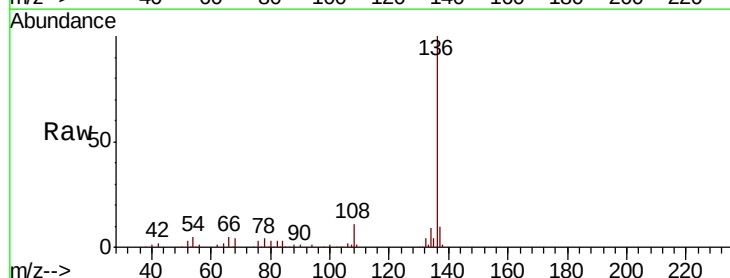
Ion Ratio Lower Upper

136 100

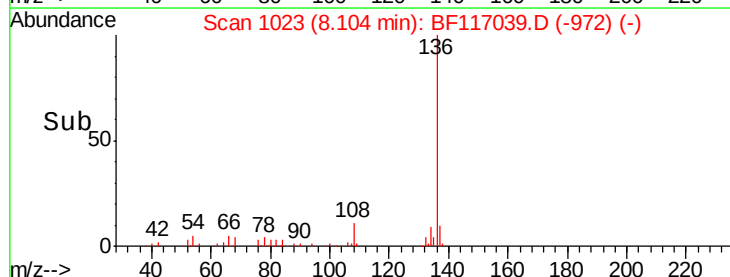
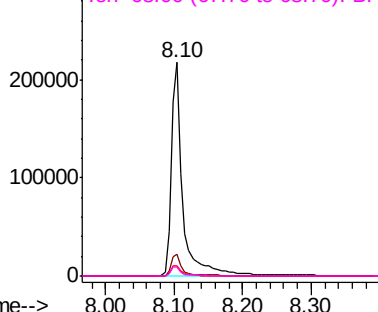
137 10.0 9.0 13.4

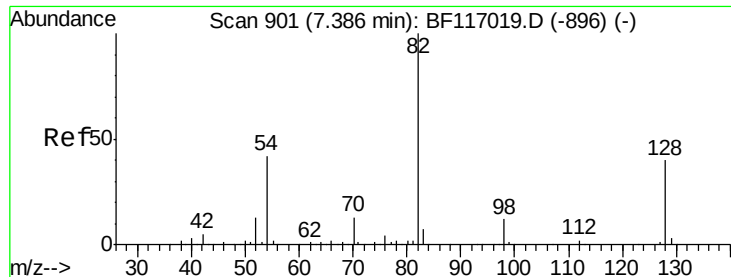
54 4.8 4.5 6.7

68 4.3 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

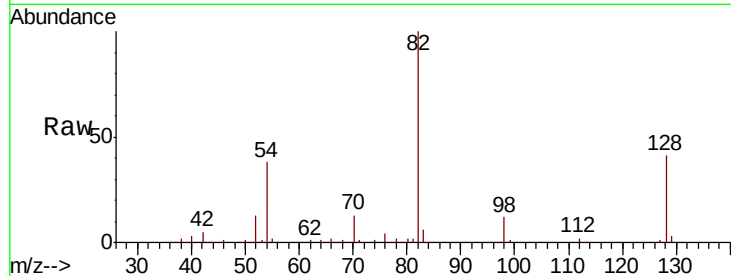




#23
 Nitrobenzene-d5
 Concen: 57.785 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117039.D
 Acq: 13 Sep 2019 22:51

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

Tot Ion	82	Resp	288339
Ion Ratio	100	Lower	Upper
128	40.8	32.3	48.5
54	38.5	33.3	49.9

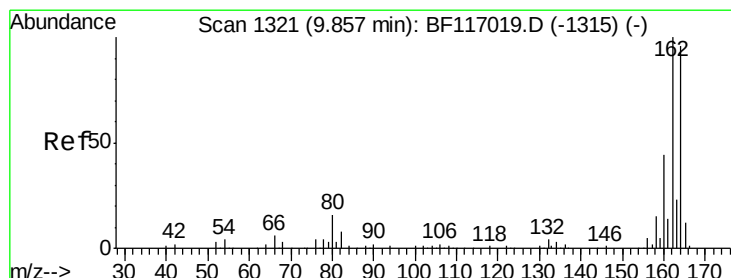
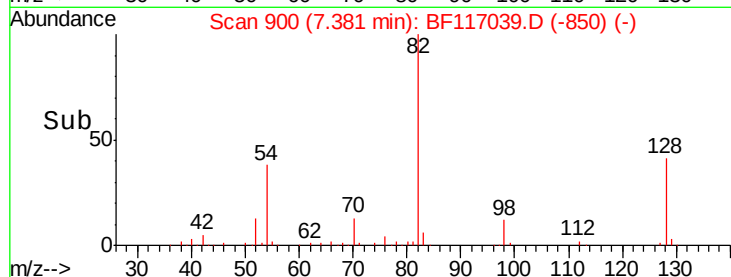
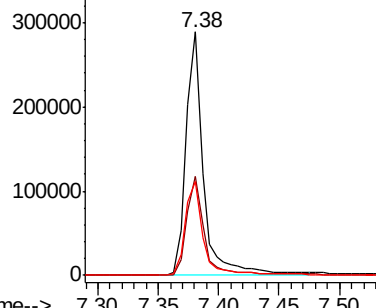


Abundance

Ion 82.00 (81.70 to 82.70): BF1

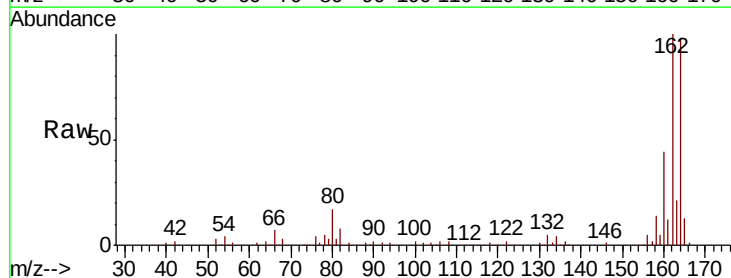
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117039.D
 Acq: 13 Sep 2019 22:51

Tgt Ion	164	Resp	133930
Ion Ratio	100	Lower	Upper
162	101.8	83.4	125.2
160	44.6	36.4	54.6

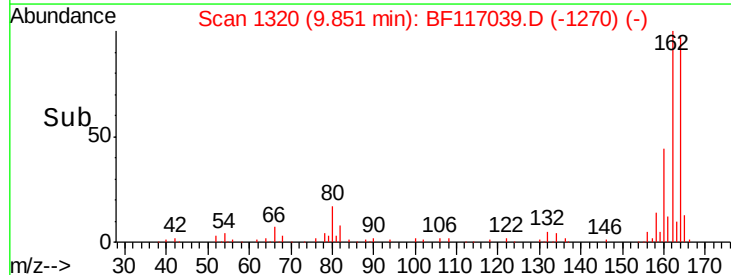
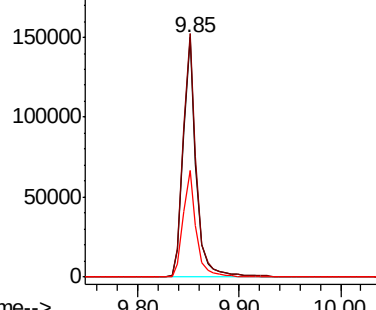


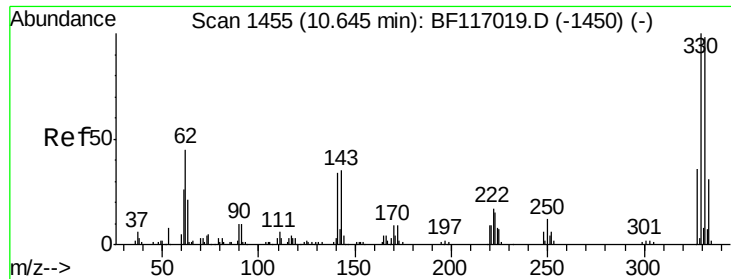
Abundance

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: 96.029 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

Instrument :

BNA_F

ClientSampled :

GIS-1(0.-2)

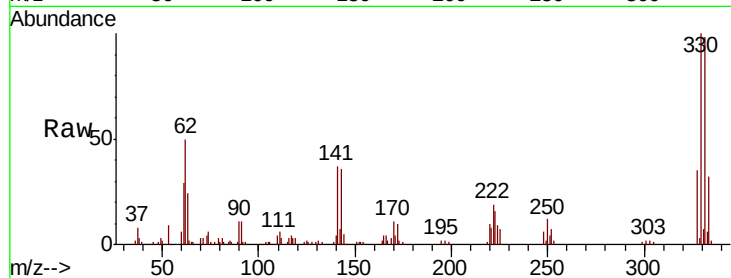
Tot Ion:330 Resp: 107490

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

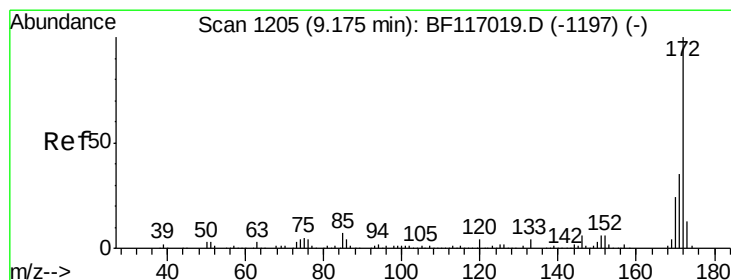
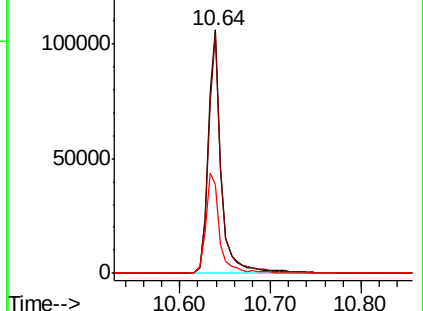
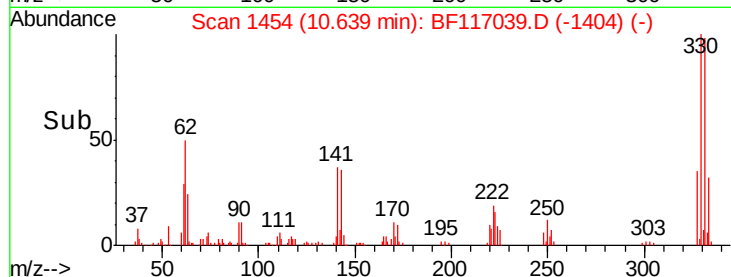
141 43.7 35.8 53.6



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: 60.392 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

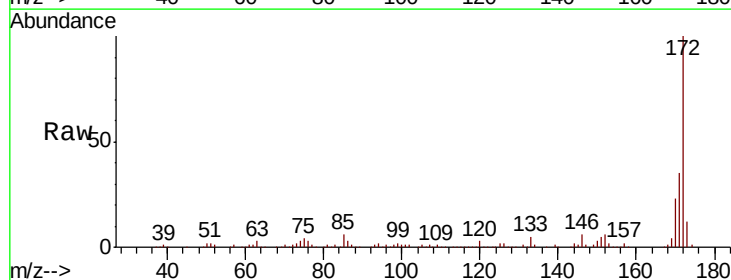
Tgt Ion:172 Resp: 517298

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

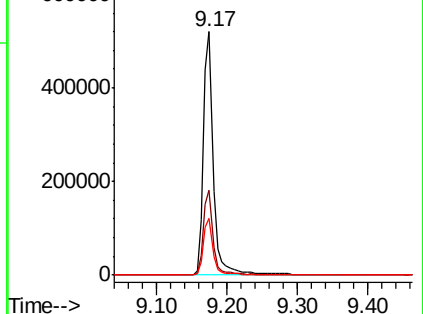
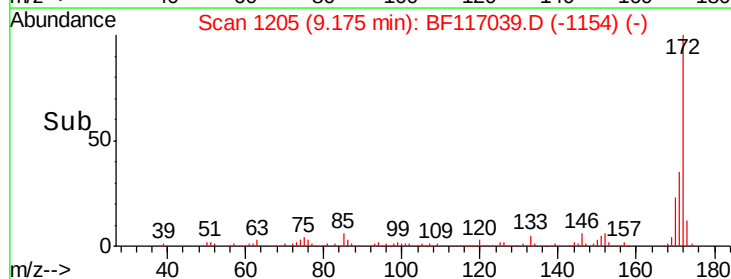
170 23.2 18.9 28.3

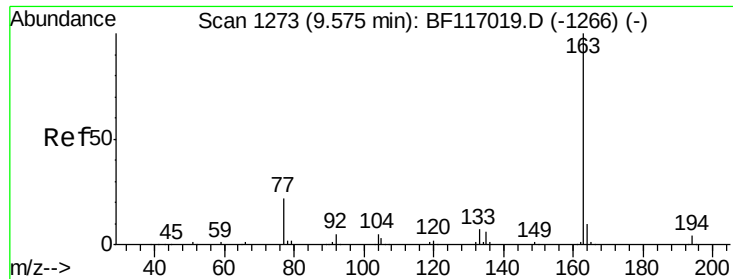


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

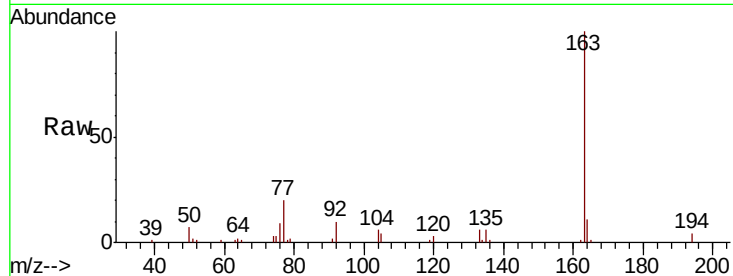




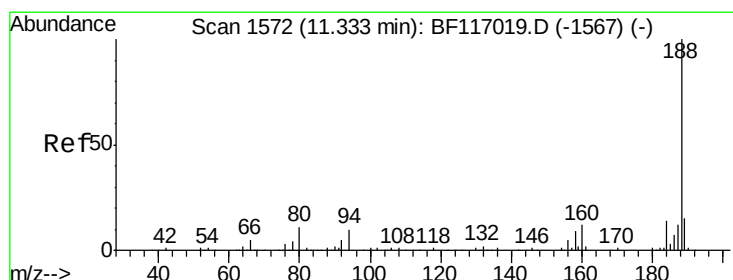
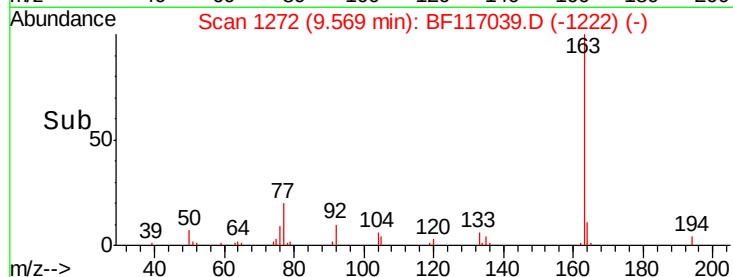
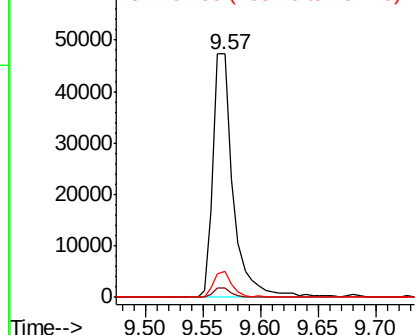
#50
Dimethylphthalate
Concen: 6.107 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

Tot Ion:163 Resp: 57912
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.8 8.2 12.4

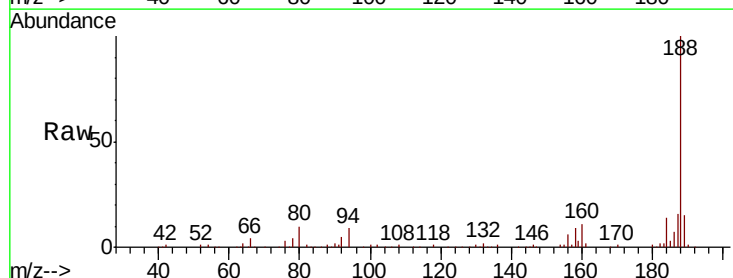


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

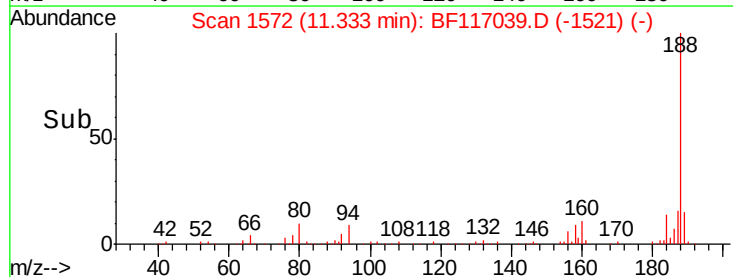
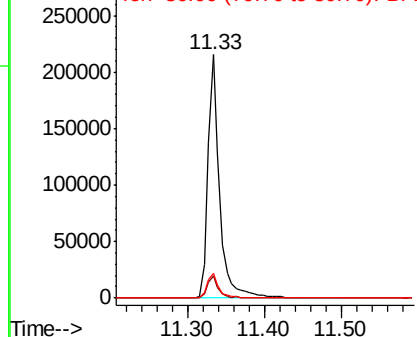


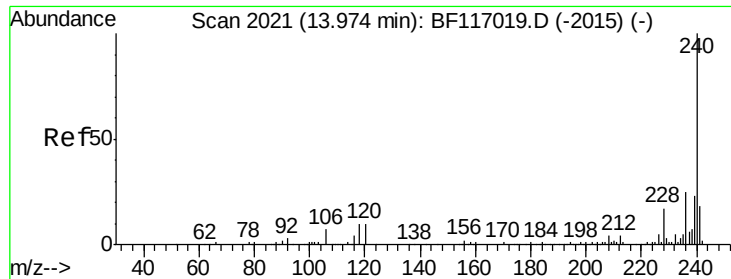
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:188 Resp: 224766
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 10.4 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

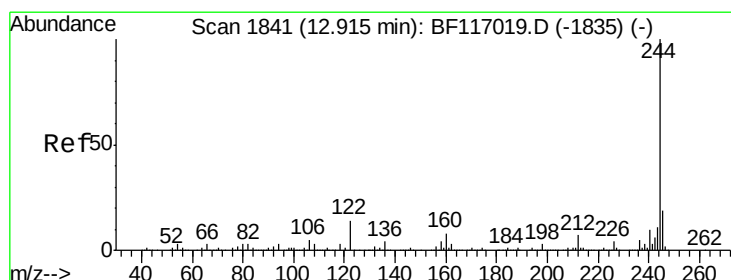
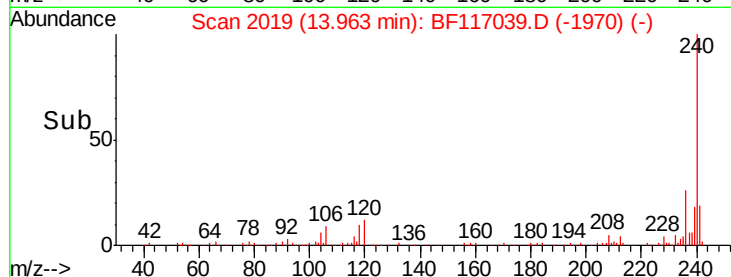
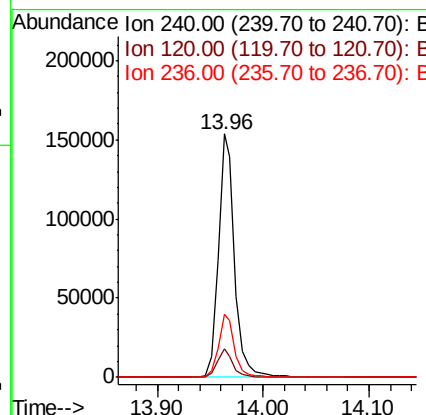
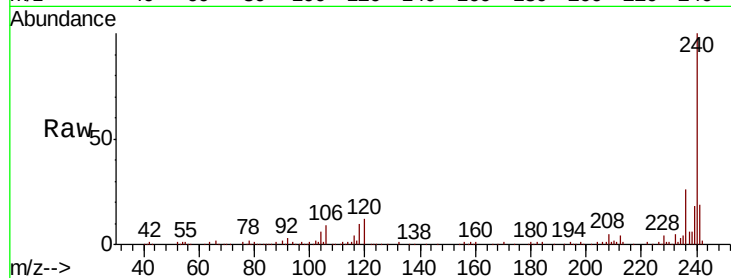




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

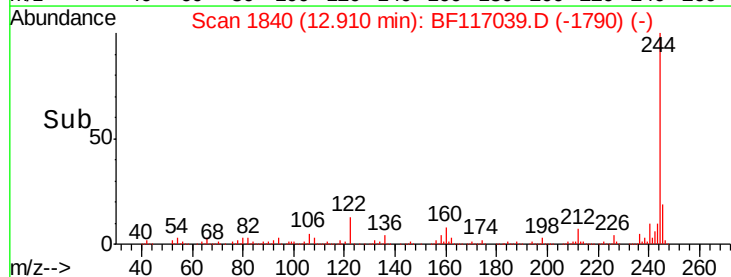
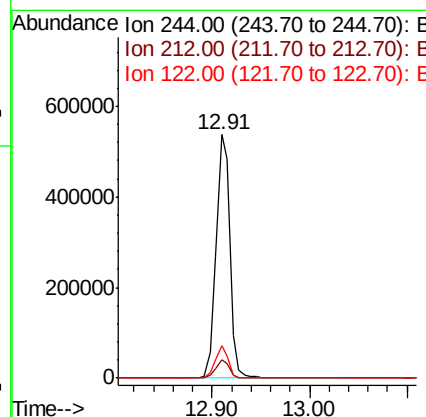
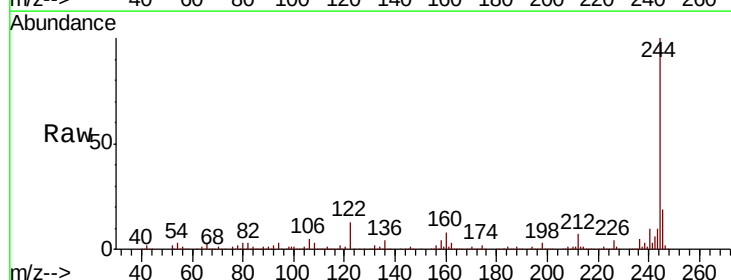
Instrument :
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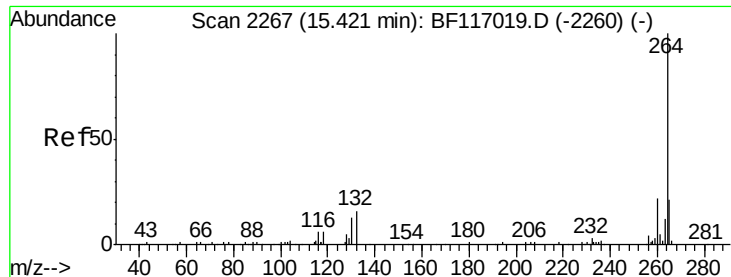
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	25.9	20.3	30.5



#79
Terphenyl-d14
Concen: 59.121 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.5	11.3	16.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117039.D
 Acq: 13 Sep 2019 22:51

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

Tot Ion:	264	Resp:	147562
Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.6	26.4
265	21.7	16.6	24.8

