

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114081.D
 Acq On : 2 May 2019 13:02
 Operator : JU/SJ
 Sample : K2584-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-7

Quant Time: May 03 03:43:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

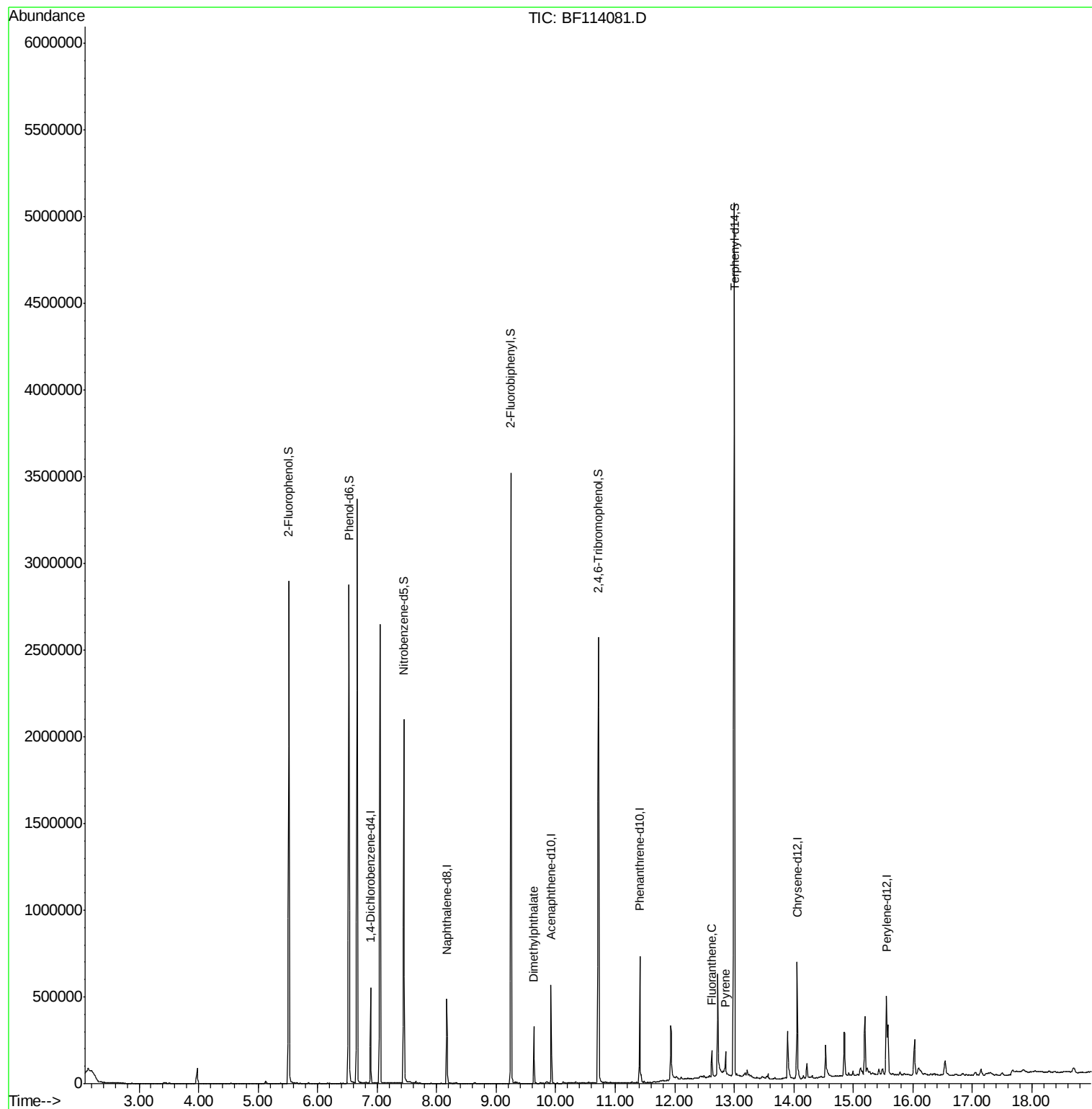
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	76281	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	217639	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	121380	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	257704	20.00	ng	0.00
76) Chrysene-d12	14.06	240	226912	20.00	ng	-0.01
87) Perylene-d12	15.56	264	217814	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	931879	208.94	ng	0.00
7) Phenol-d6	6.53	99	1205585	215.45	ng	0.00
23) Nitrobenzene-d5	7.45	82	735153	208.56	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	378105	255.71	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1181303	152.22	ng	-0.01
79) Terphenyl-d14	13.00	244	2216335	200.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	126787	14.443	ng	99
75) Fluoranthene	12.62	202	56402	3.992	ng	96
78) Pyrene	12.85	202	52918	3.335	ng	96

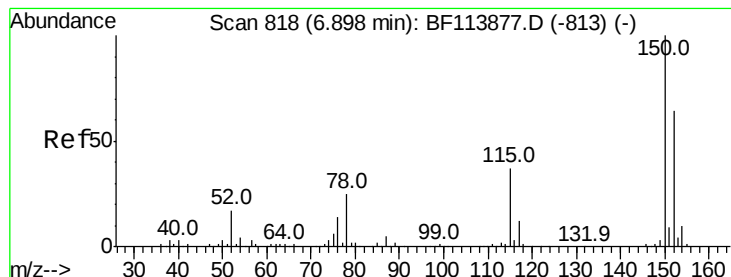
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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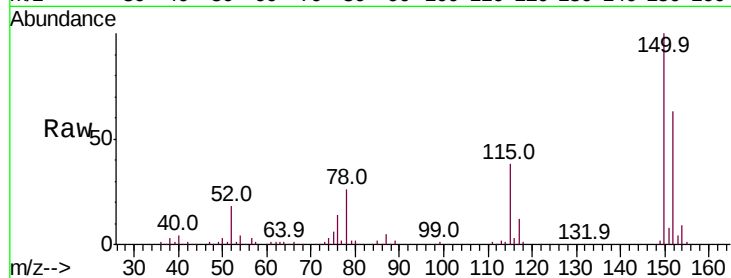


#1

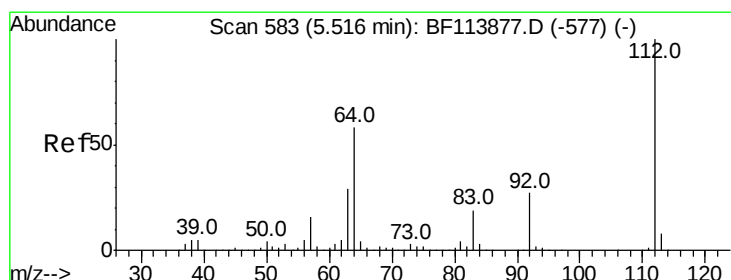
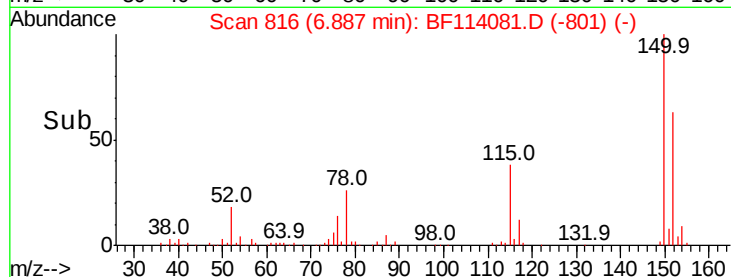
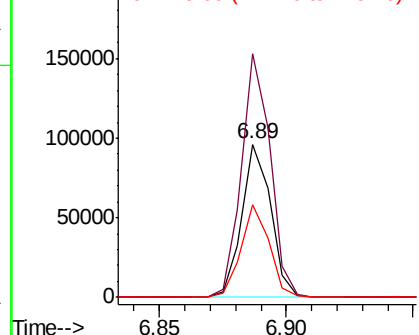
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114081.D
Acq: 2 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-7

Tot Ion:152 Resp: 76281
Ion Ratio Lower Upper
152 100
150 159.0 125.9 188.9
115 60.9 45.9 68.9



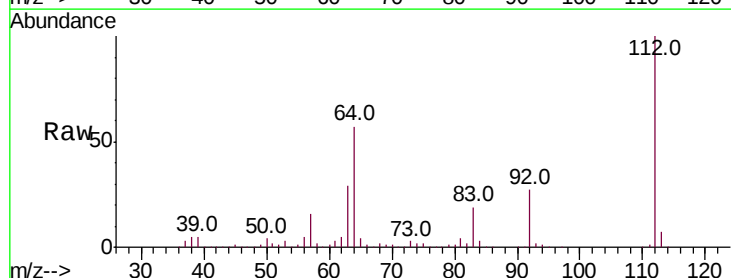
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



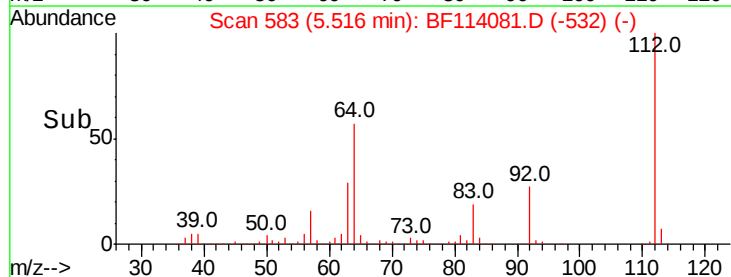
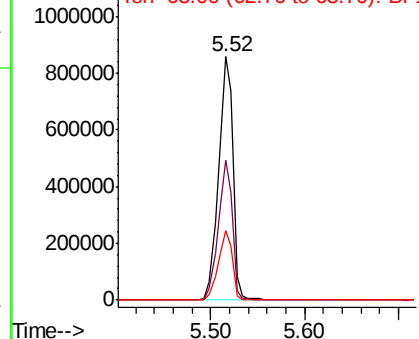
#5

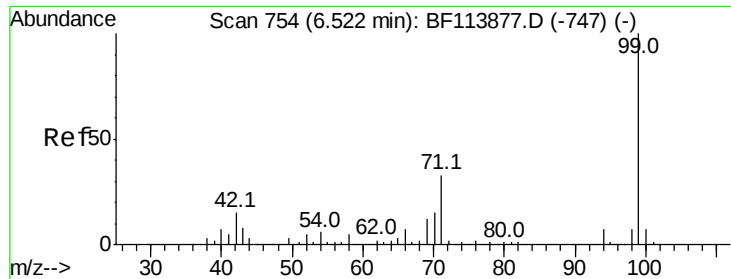
2-Fluorophenol
Concen: 208.944 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114081.D
Acq: 2 May 2019 13:02

Tgt Ion:112 Resp: 931879
Ion Ratio Lower Upper
112 100
64 57.3 46.6 69.8
63 28.8 23.1 34.7



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: 215.455 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114081.D

Acq: 2 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-7

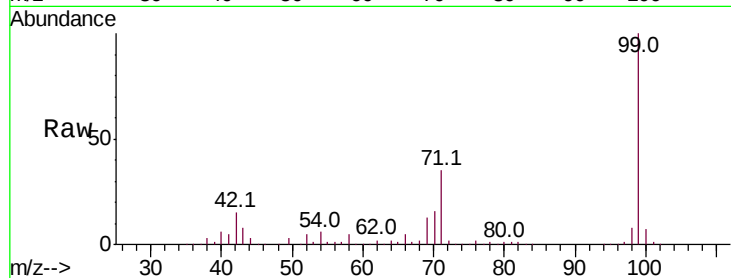
Tot Ion: 99 Resp: 1205585

Ion Ratio Lower Upper

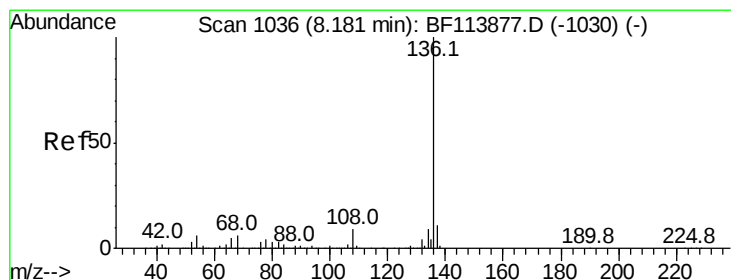
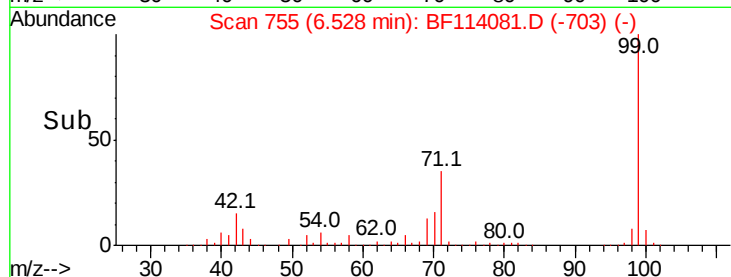
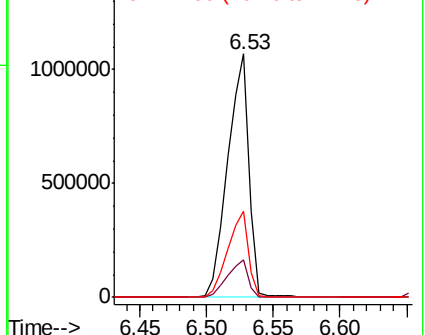
99 100

42 15.3 12.5 18.7

71 35.3 26.9 40.3



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF114081.D

Acq: 2 May 2019 13:02

Tgt Ion: 136 Resp: 217639

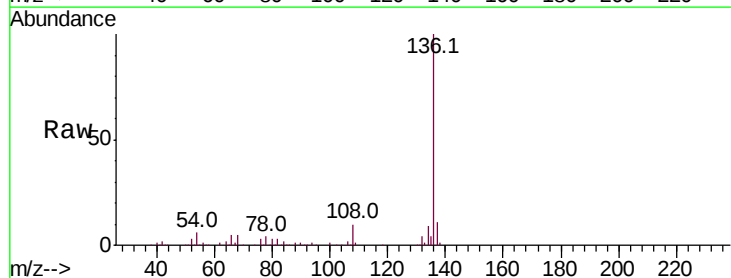
Ion Ratio Lower Upper

136 100

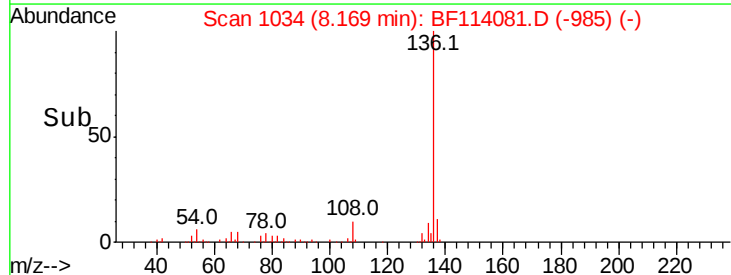
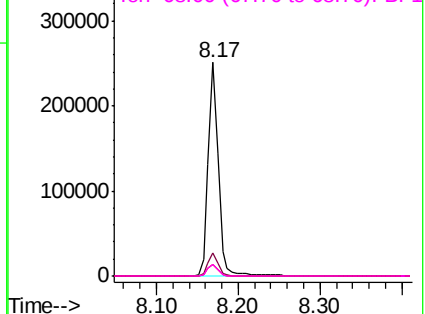
137 10.8 8.6 12.8

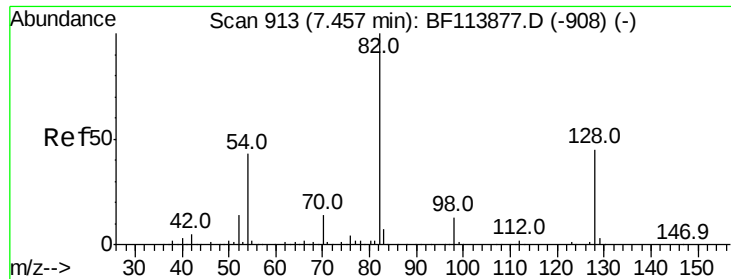
54 5.6 5.0 7.6

68 5.3 4.9 7.3



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

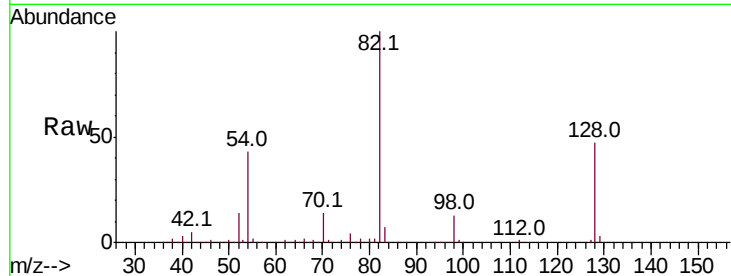




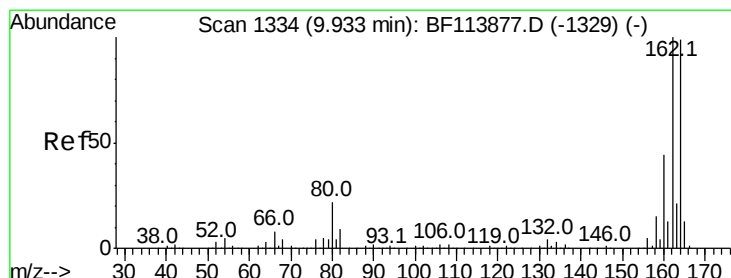
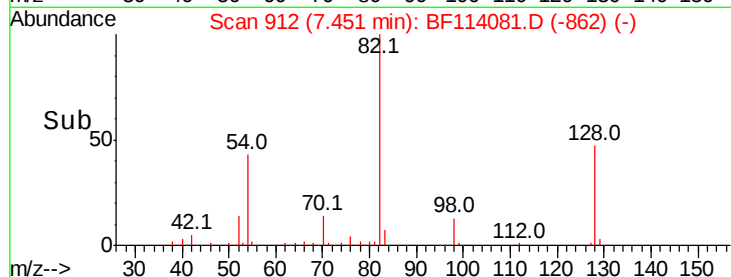
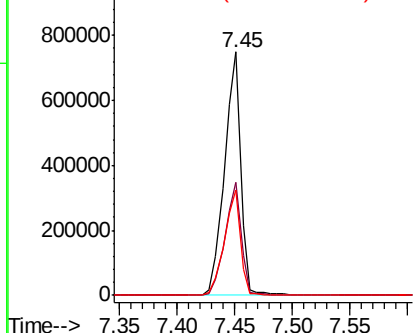
#23
Nitrobenzene-d5
Concen: 208.562 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114081.D
Acq: 2 May 2019 13:02

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-7

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.8	55.2
54	43.1	33.8	50.6

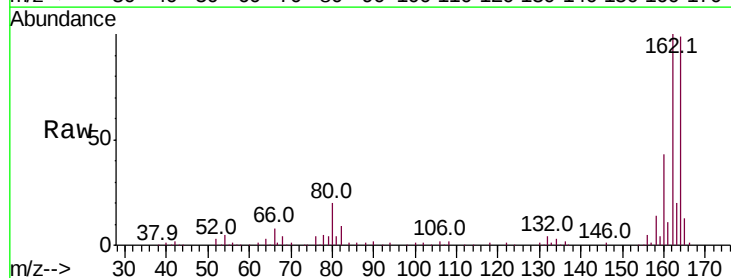


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

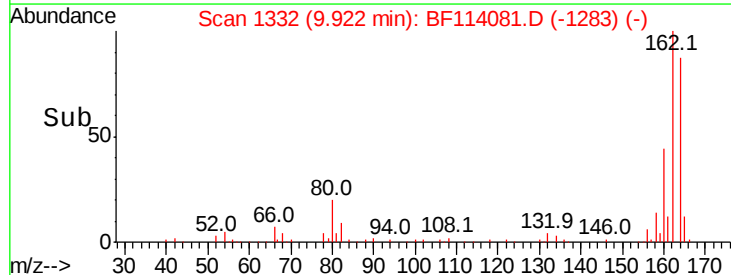
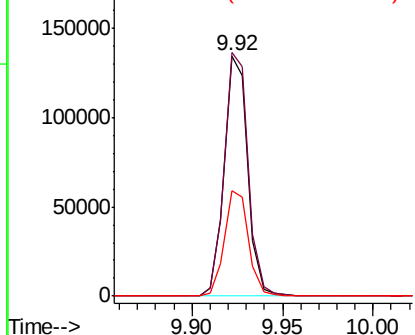


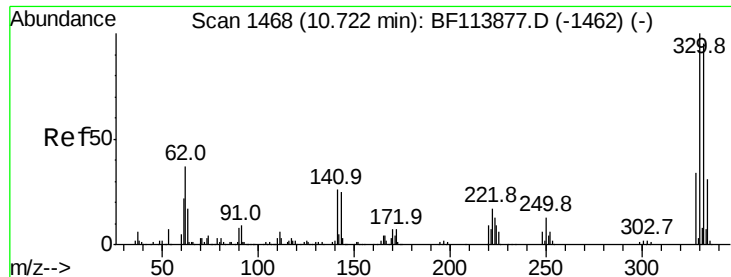
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114081.D
Acq: 2 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.1	121.7
160	44.0	35.8	53.6



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

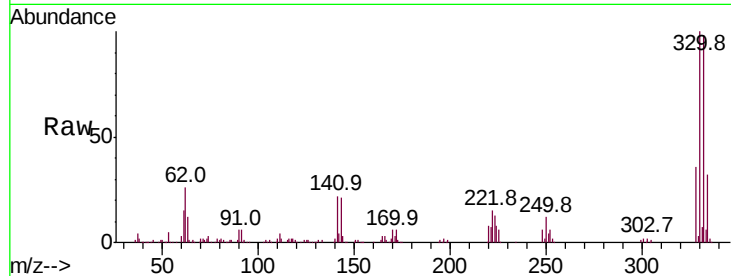




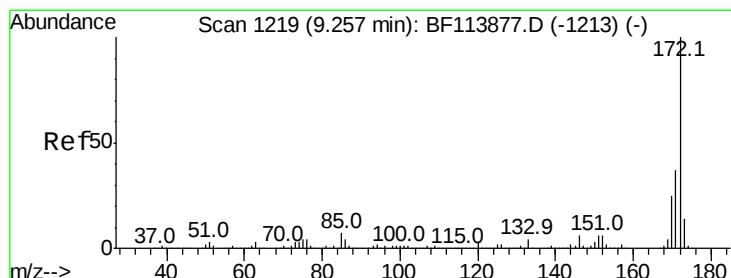
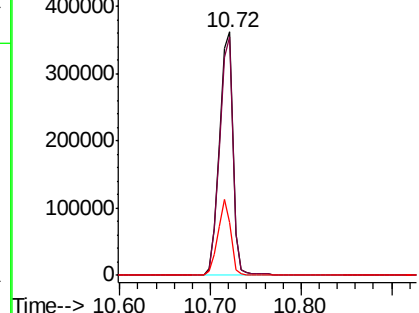
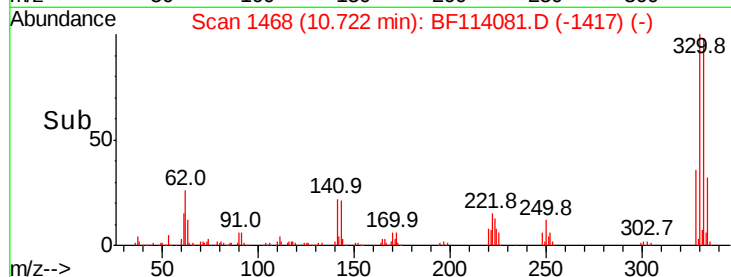
#42
 2,4,6-Tribromophenol
 Concen: 255.708 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF114081.D
 Acq: 2 May 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.5	116.3
141	29.4	22.2	33.2

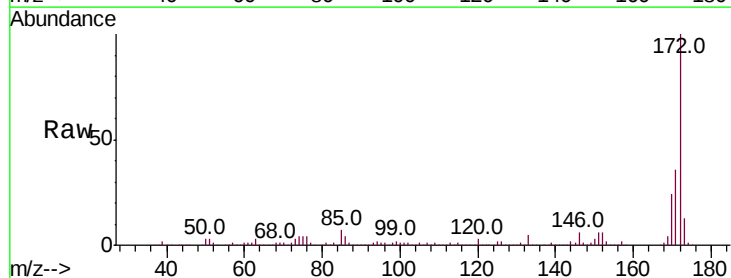


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

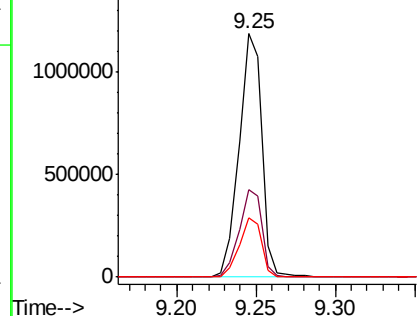
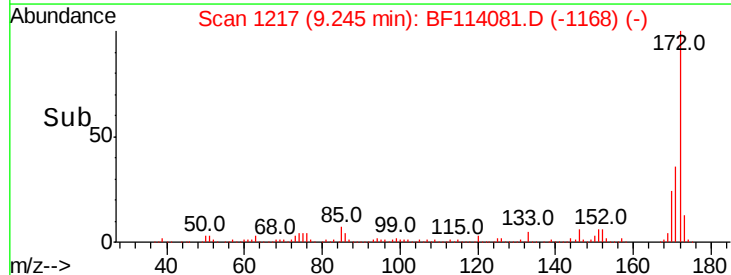


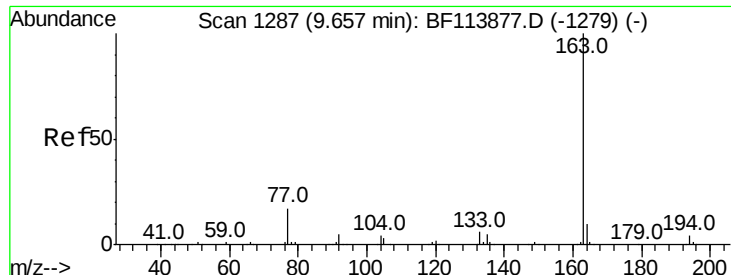
#45
 2-Fluorobiphenyl
 Concen: 152.215 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114081.D
 Acq: 2 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.3	19.9	29.9



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

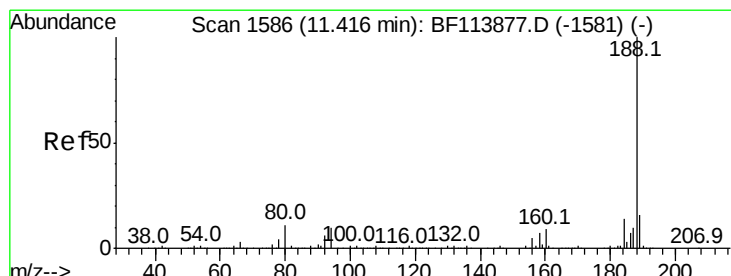
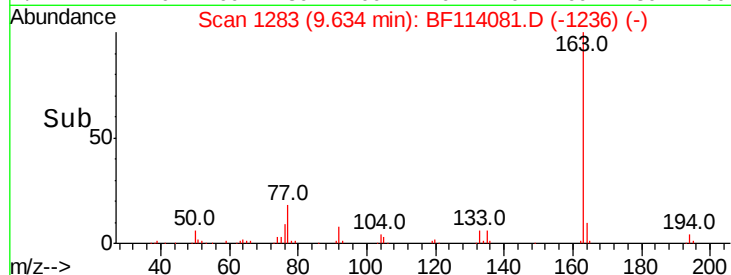
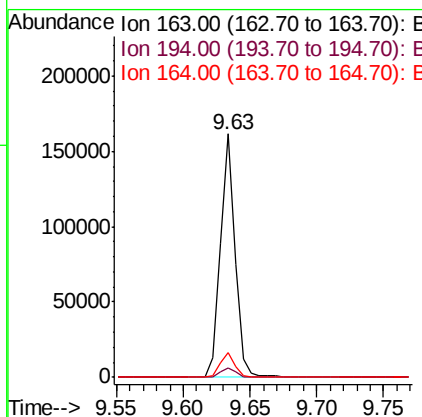
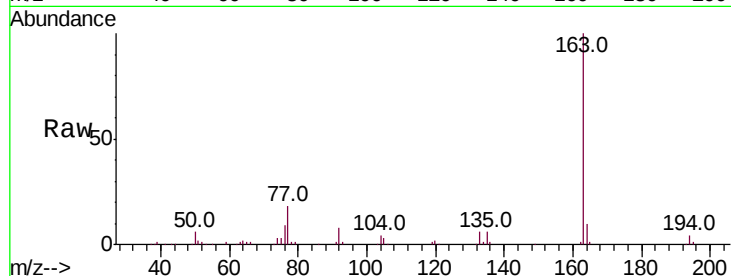




#50
Dimethylphthalate
Concen: 14.443 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114081.D
Acq: 2 May 2019 13:02

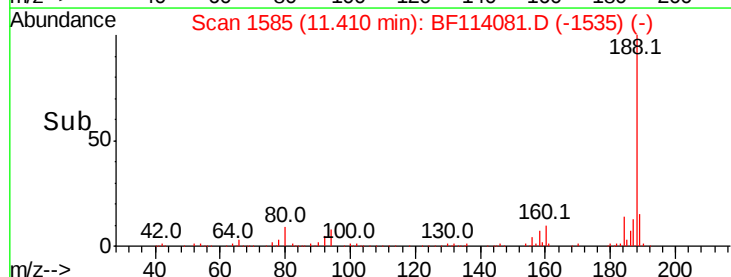
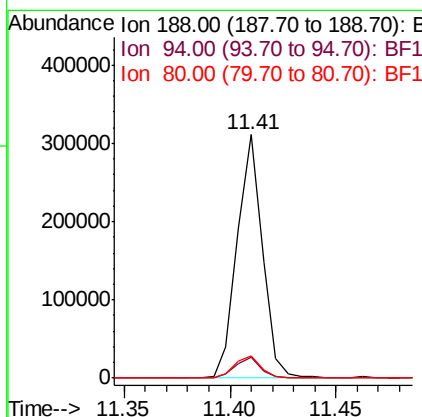
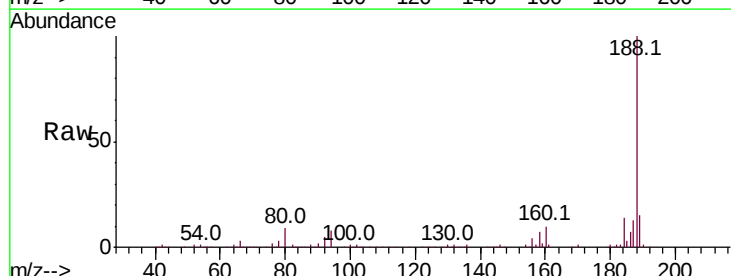
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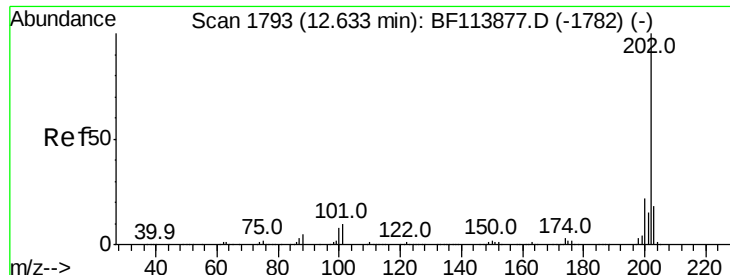
Tot Ion:163 Resp: 126787
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.1 8.5 12.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114081.D
Acq: 2 May 2019 13:02

Tgt Ion:188 Resp: 257704
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.4
80 9.2 9.0 13.6





#75

Fluoranthene

Concen: 3.992 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF114081.D

Acq: 2 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-7

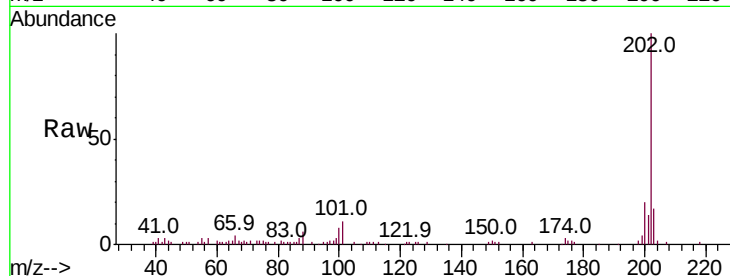
Tot Ion:202 Resp: 56402

Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.9

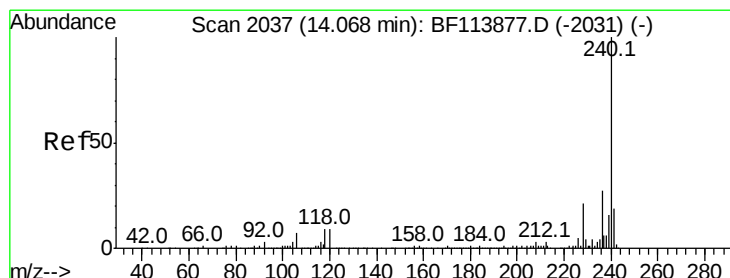
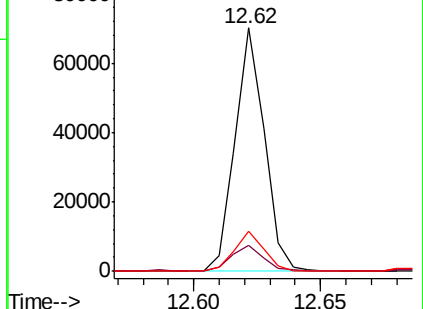
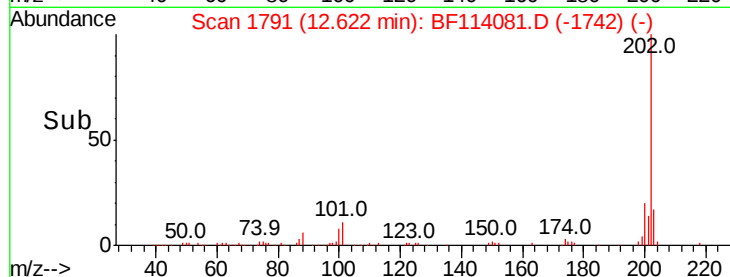
203 16.7 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114081.D

Acq: 2 May 2019 13:02

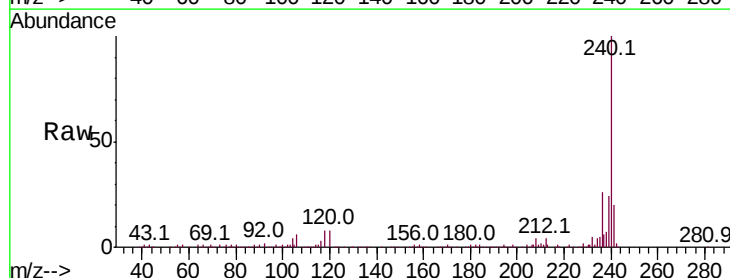
Tgt Ion:240 Resp: 226912

Ion Ratio Lower Upper

240 100

120 8.5 9.3 13.9#

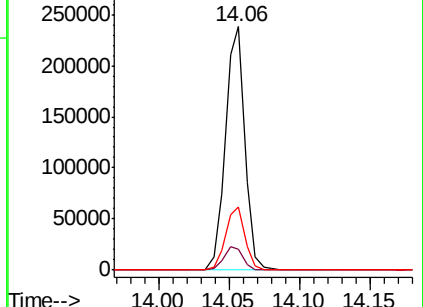
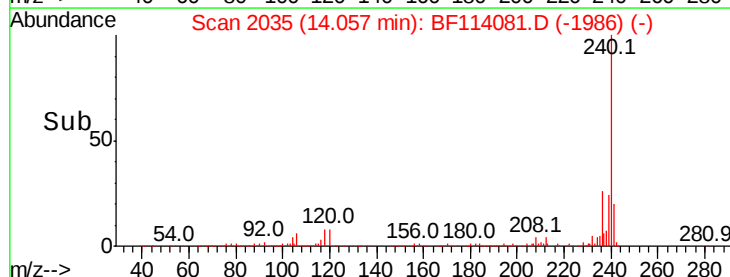
236 25.9 21.2 31.8

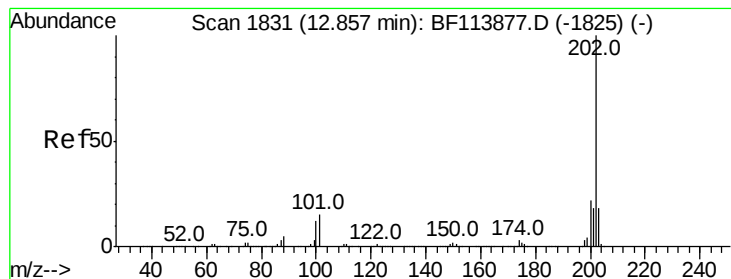


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.335 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF114081.D

Acq: 2 May 2019 13:02

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-7

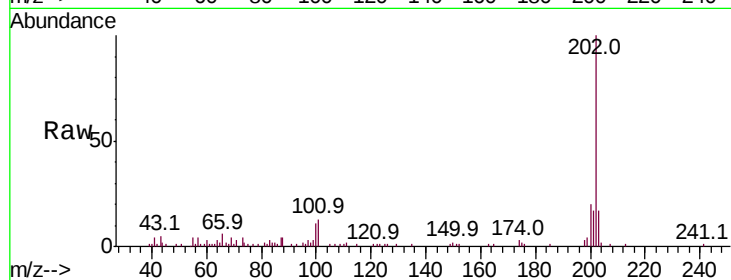
Tot Ion:202 Resp: 52918

Ion Ratio Lower Upper

202 100

200 20.4 17.7 26.5

203 17.3 15.0 22.6

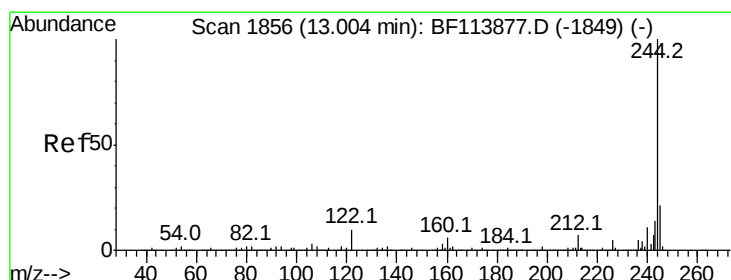
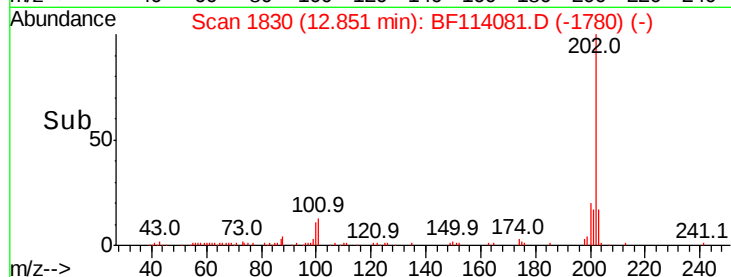
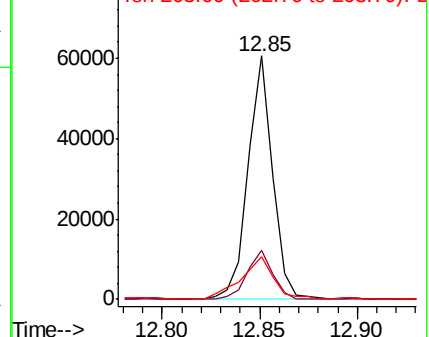


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 200.244 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114081.D

Acq: 2 May 2019 13:02

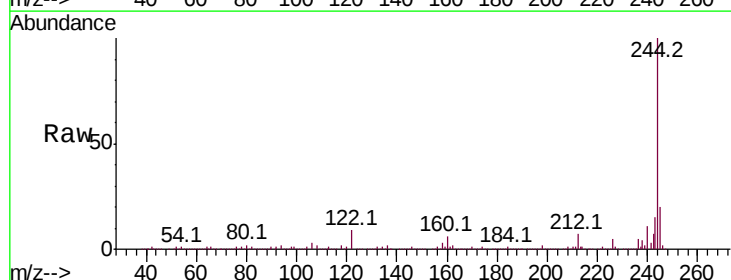
Tgt Ion:244 Resp: 2216335

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.0 7.6 11.4

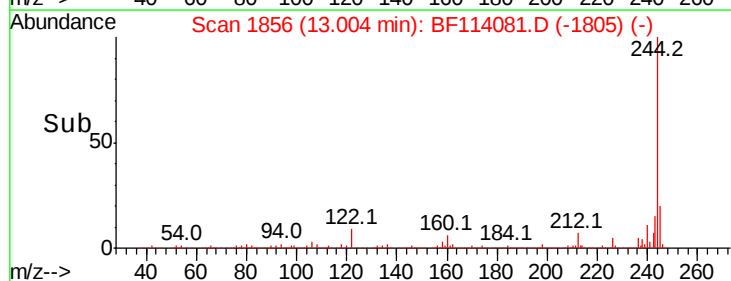
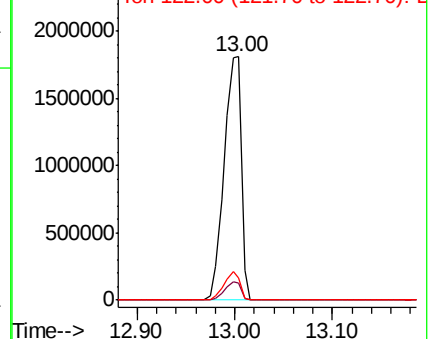


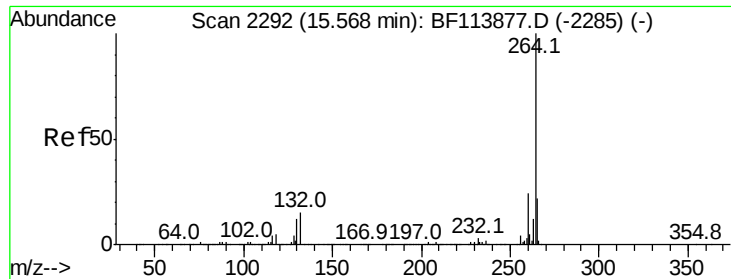
Abundance

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: 15.56 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF114081.D
 Acq: 2 May 2019 13:02

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-7

Tot Ion:	264	Resp:	217814
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	20.8	17.3	25.9

