

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117306.D
 Acq On : 2 Oct 2019 18:14
 Operator : JU
 Sample : K5131-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190827-COMPOSITE-C

Quant Time: Oct 03 12:03:52 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

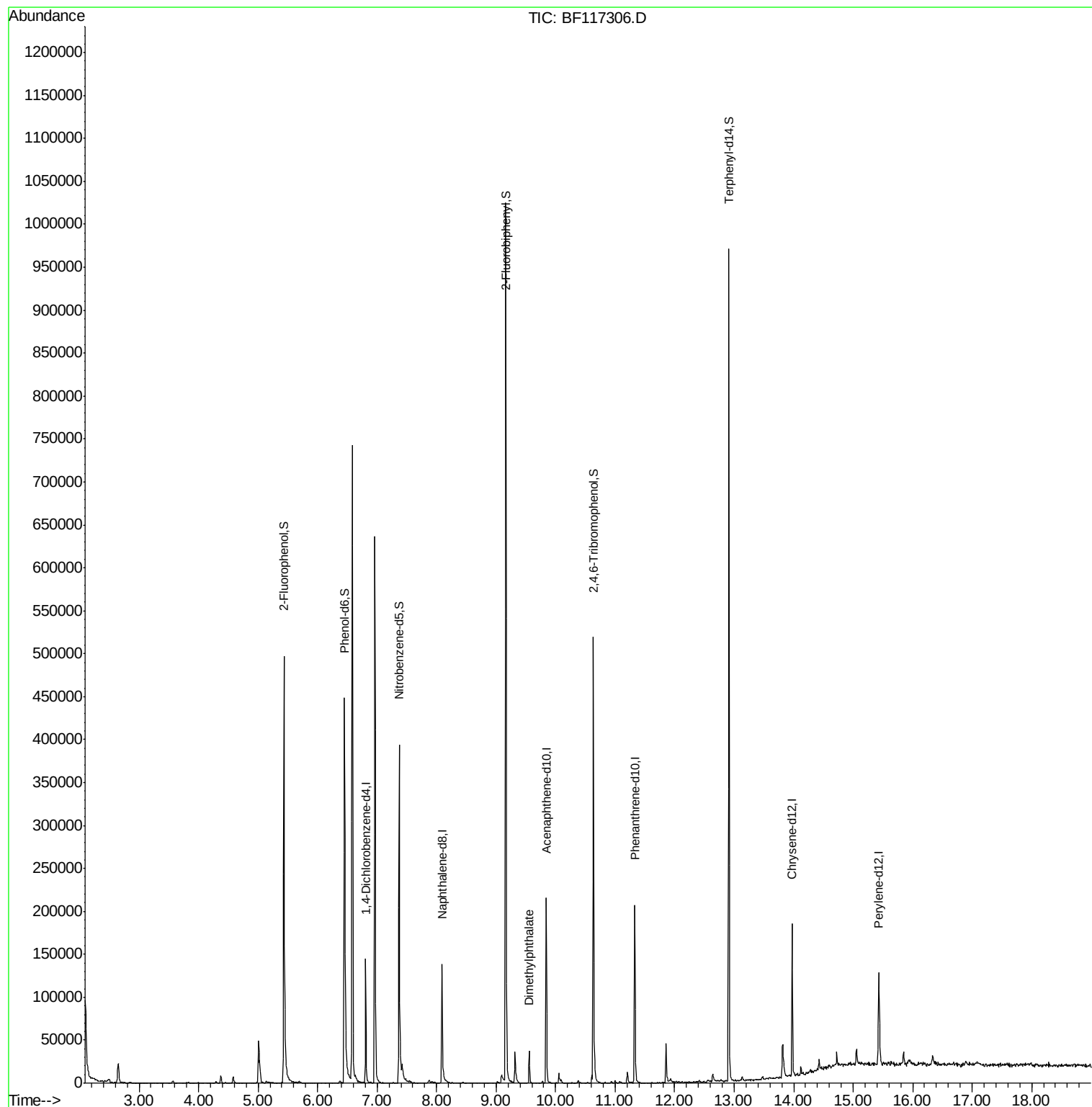
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	24022	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	90938	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	50487	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	85313	20.00	ng	0.00
76) Chrysene-d12	13.97	240	60934	20.00	ng	0.00
87) Perylene-d12	15.43	264	51179	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	175741	114.22	ng	0.00
7) Phenol-d6	6.45	99	204505	102.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	155859	90.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	61567	145.91	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	304908	94.43	ng	-0.01
79) Terphenyl-d14	12.92	244	323254	99.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	15745	4.405	ng	Qvalue 98

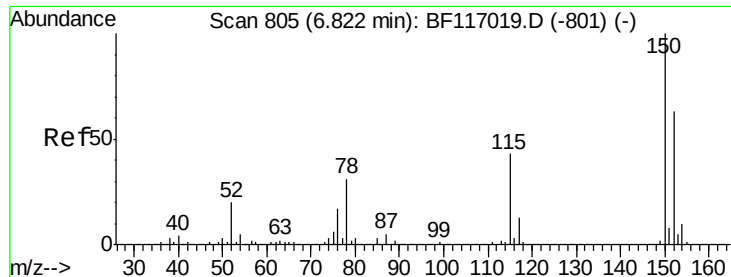
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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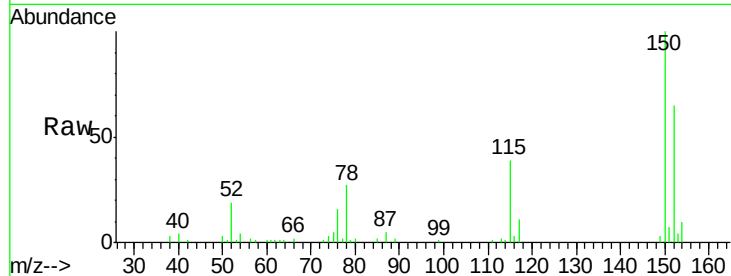


#1

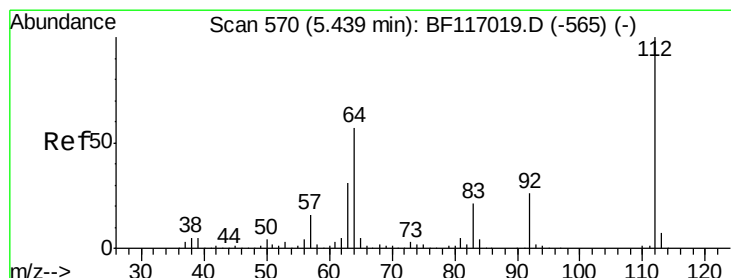
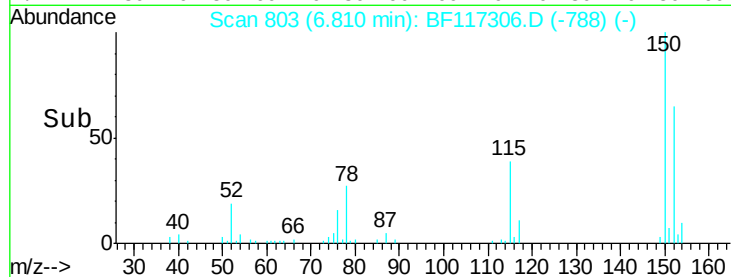
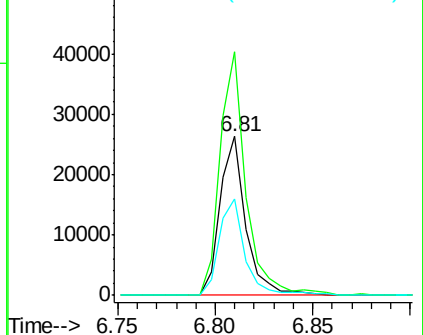
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117306.D
Acq: 2 Oct 2019 18:14

Instrument :
BNA_F
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion:152 Resp: 24022
Ion Ratio Lower Upper
152 100
150 153.5 127.5 191.3
115 60.4 55.0 82.4



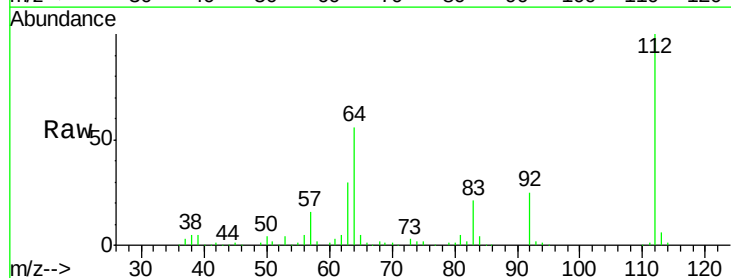
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



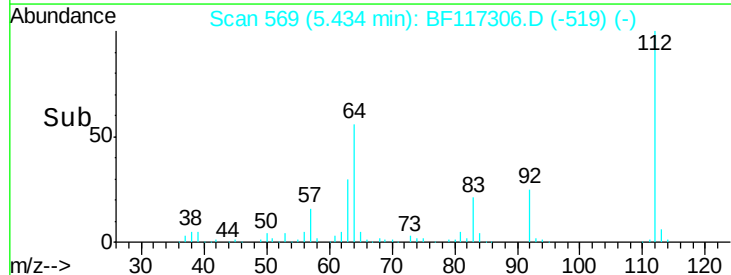
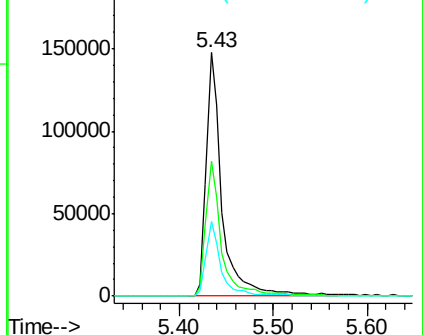
#5

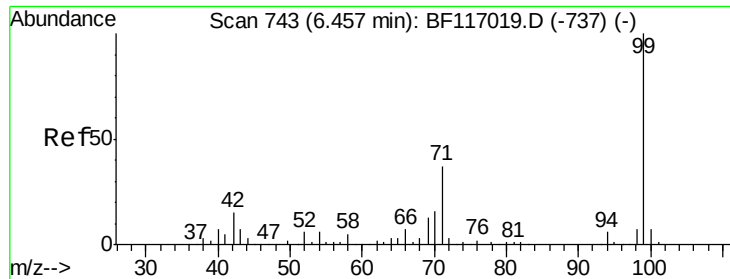
2-Fluorophenol
Concen: 114.218 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117306.D
Acq: 2 Oct 2019 18:14

Tgt Ion:112 Resp: 175741
Ion Ratio Lower Upper
112 100
64 55.5 45.7 68.5
63 30.4 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: 102.845 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117306.D

Acq: 2 Oct 2019 18:14

Instrument :

BNA_F

ClientSampleId :

20190827-COMPOSITE-C

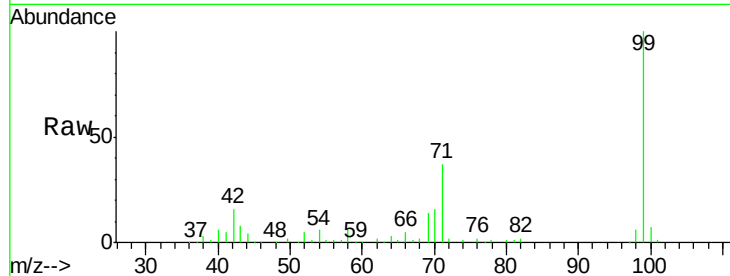
Tot Ion: 99 Resp: 204505

Ion Ratio Lower Upper

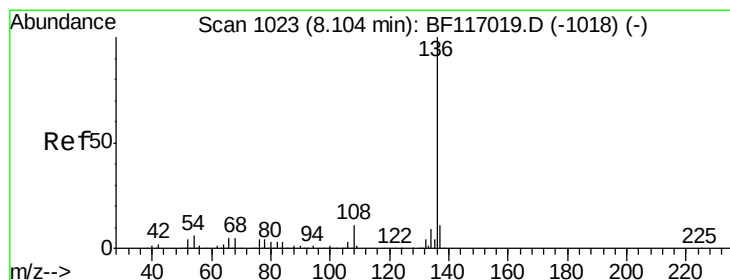
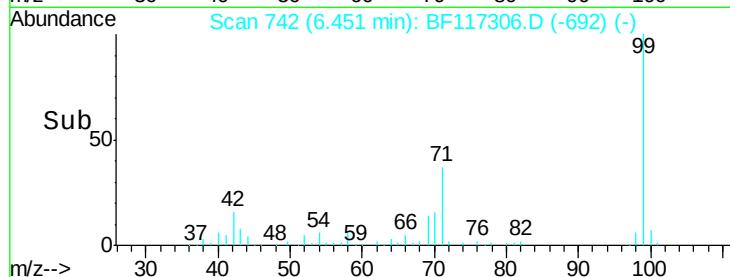
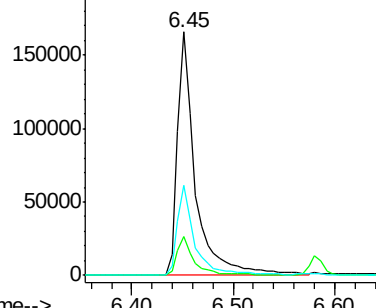
99 100

42 16.1 12.2 18.2

71 37.1 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117306.D

Acq: 2 Oct 2019 18:14

Tgt Ion: 136 Resp: 90938

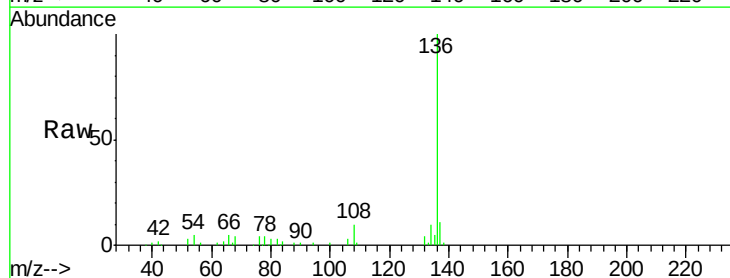
Ion Ratio Lower Upper

136 100

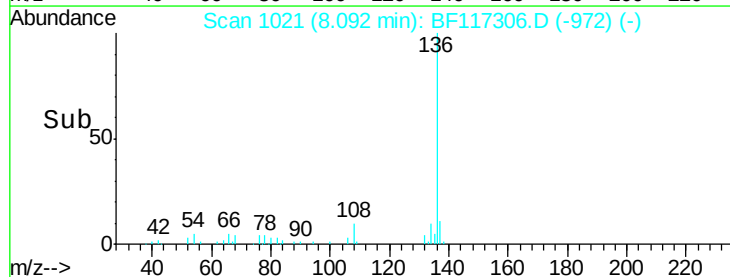
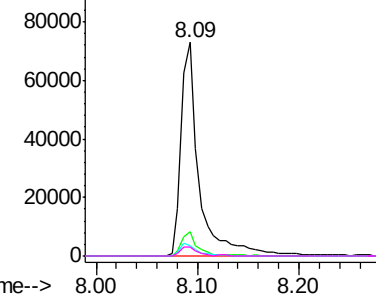
137 11.1 9.0 13.4

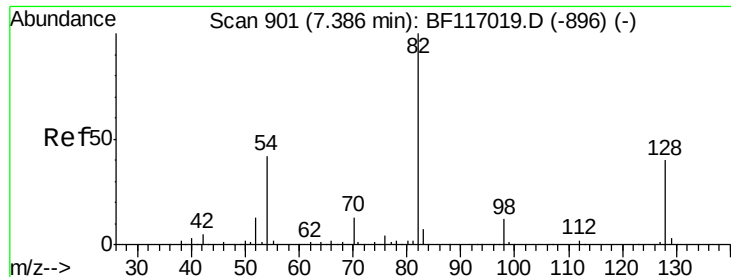
54 4.9 4.5 6.7

68 4.4 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

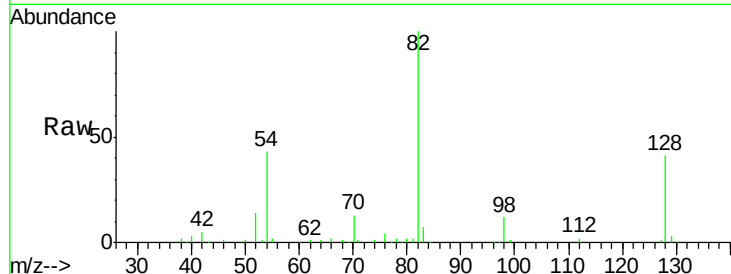




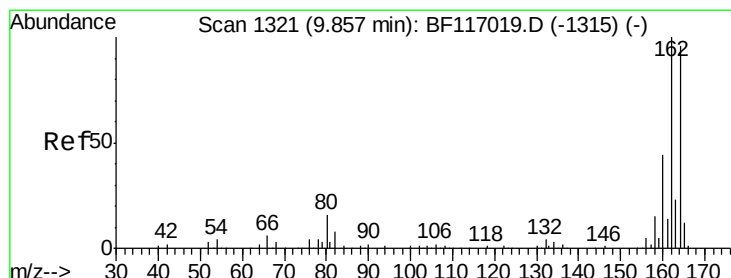
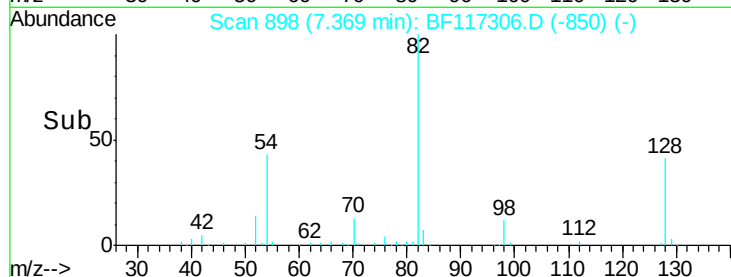
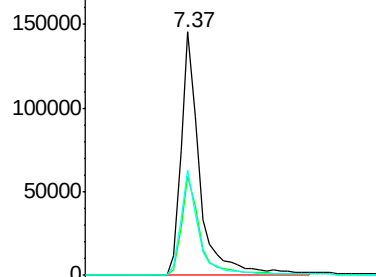
#23
 Nitrobenzene-d5
 Concen: 90.053 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117306.D
 Acq: 2 Oct 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 20190827-COMPOSITE-C

Tot Ion: 82 Resp: 155859
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.3 48.5
 54 43.4 33.3 49.9

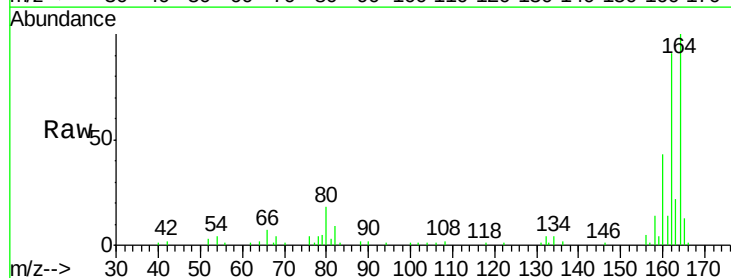


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

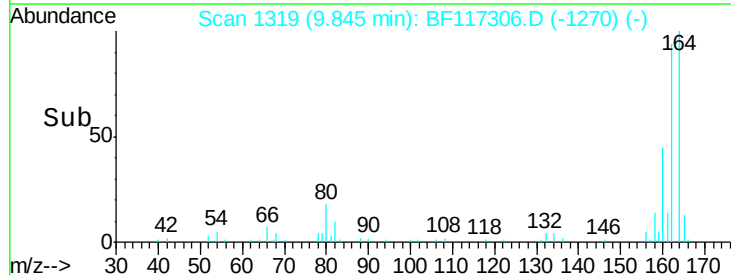
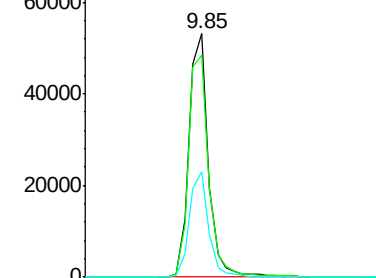


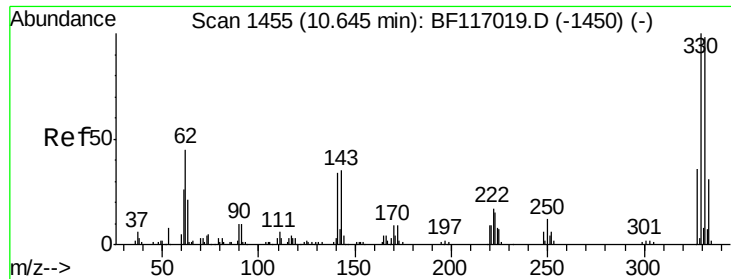
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117306.D
 Acq: 2 Oct 2019 18:14

Tgt Ion: 164 Resp: 50487
 Ion Ratio Lower Upper
 164 100
 162 91.4 83.4 125.2
 160 43.3 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 145.909 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117306.D

Acq: 2 Oct 2019 18:14

Instrument :

BNA_F

ClientSampleId :

20190827-COMPOSITE-C

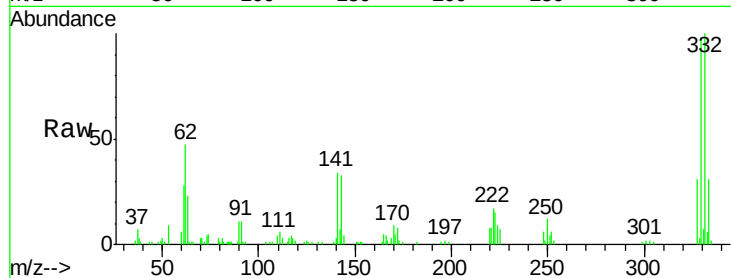
Tot Ion:330 Resp: 61567

Ion Ratio Lower Upper

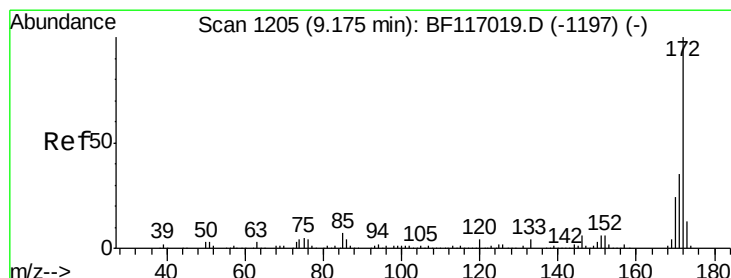
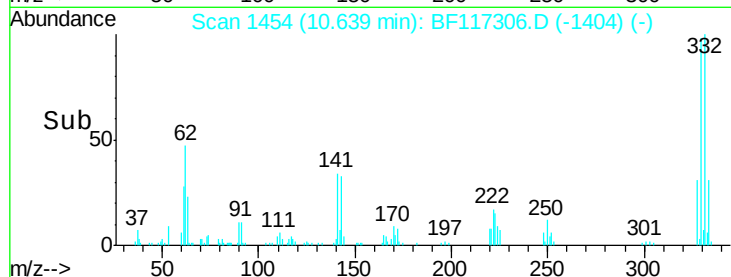
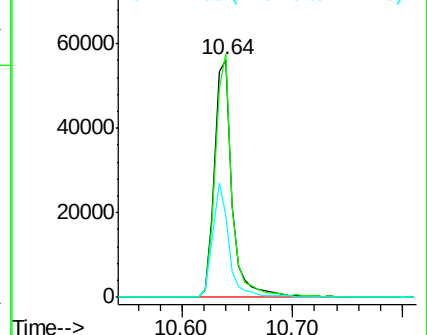
330 100

332 97.0 78.0 117.0

141 43.5 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: 94.430 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117306.D

Acq: 2 Oct 2019 18:14

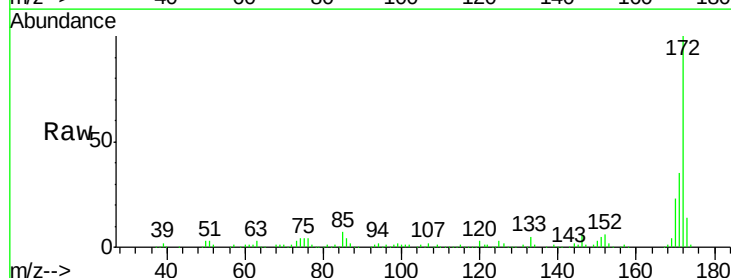
Tgt Ion:172 Resp: 304908

Ion Ratio Lower Upper

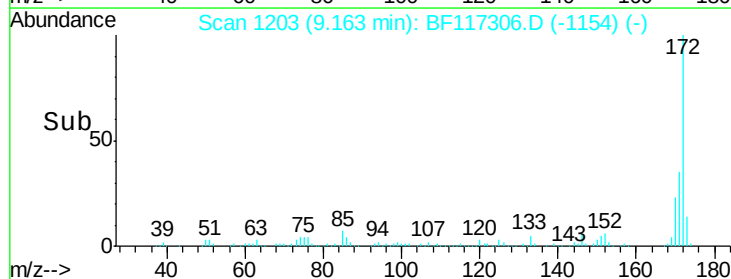
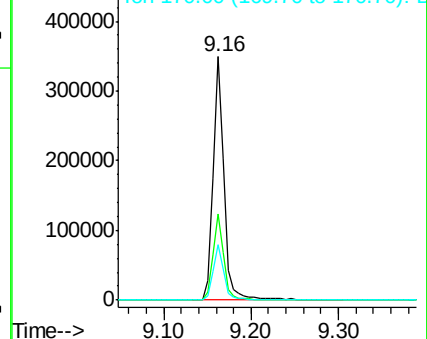
172 100

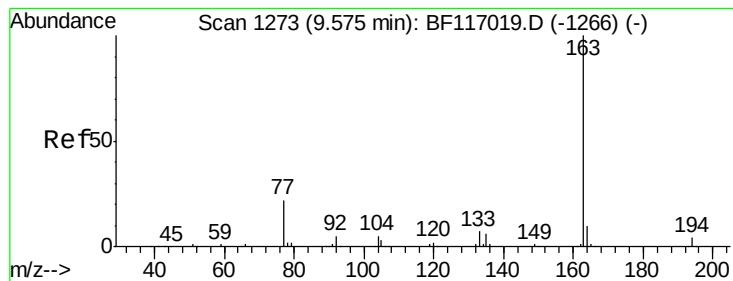
171 35.3 28.2 42.2

170 23.0 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: 4.405 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF117306.D

Acq: 2 Oct 2019 18:14

Instrument :

BNA_F

ClientSampleId :

20190827-COMPOSITE-C

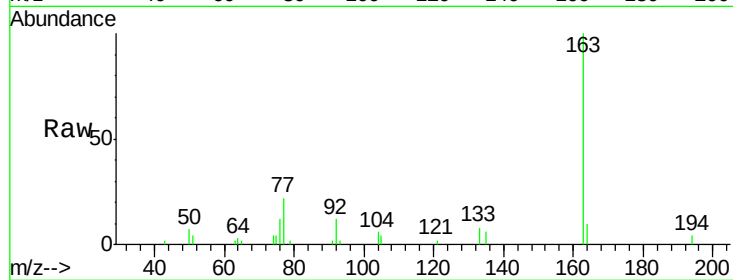
Tot Ion:163 Resp: 15745

Ion Ratio Lower Upper

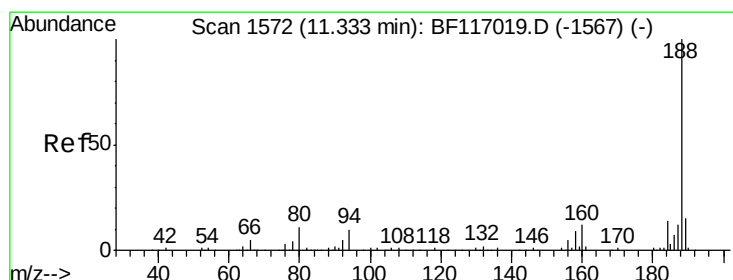
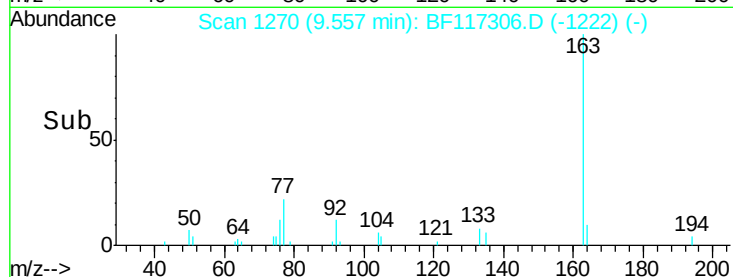
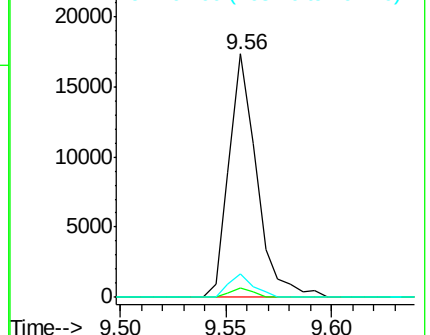
163 100

194 4.0 2.9 4.3

164 9.6 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: BF117306.D

Acq: 2 Oct 2019 18:14

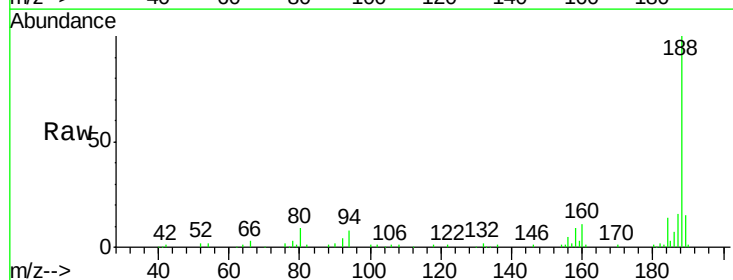
Tgt Ion:188 Resp: 85313

Ion Ratio Lower Upper

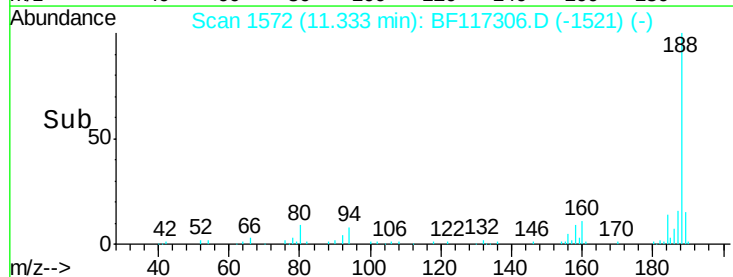
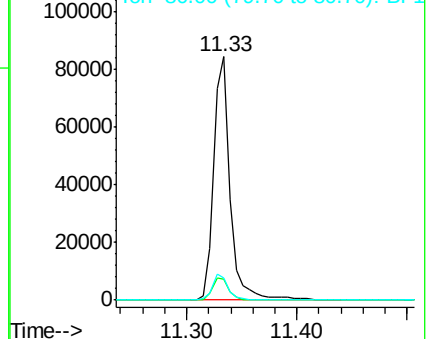
188 100

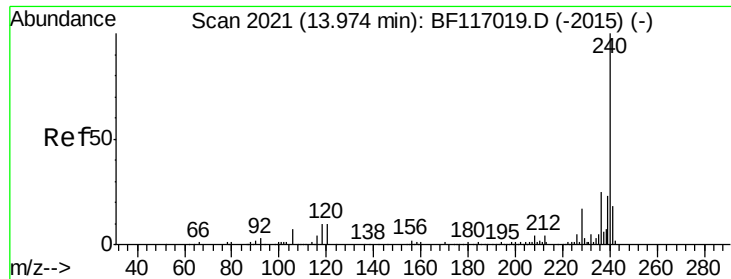
94 8.4 8.2 12.2

80 9.3 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# 2021

Delta R.T. -0.00 min

Lab File: BF117306.D

Acq: 2 Oct 2019 18:14

Instrument :

BNA_F

ClientSampleId :

20190827-COMPOSITE-C

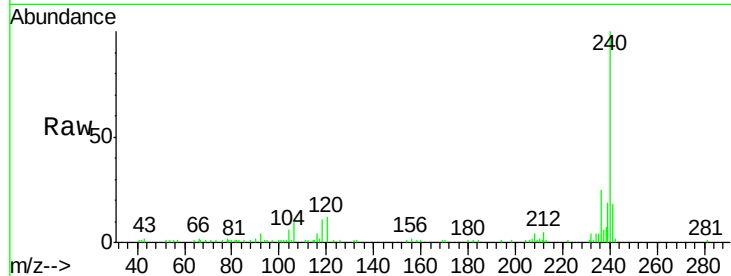
Tot Ion:240 Resp: 60934

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

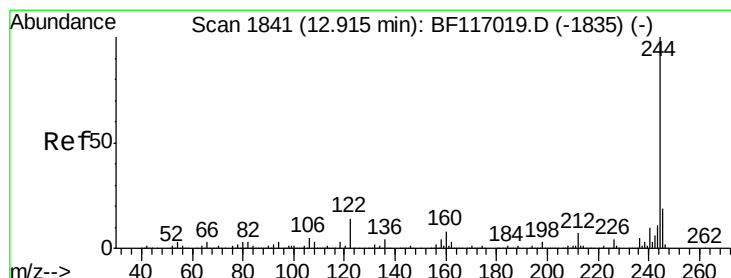
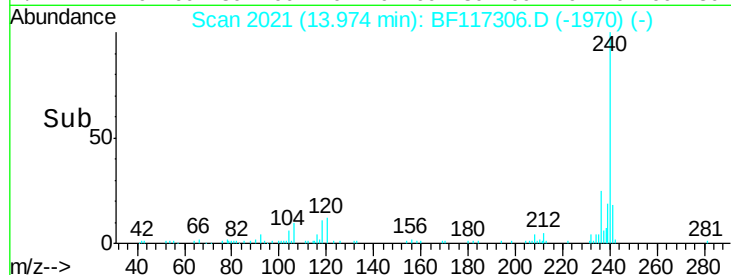
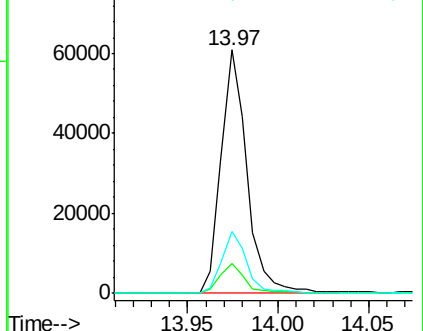
236 25.5 20.3 30.5



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: 99.162 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117306.D

Acq: 2 Oct 2019 18:14

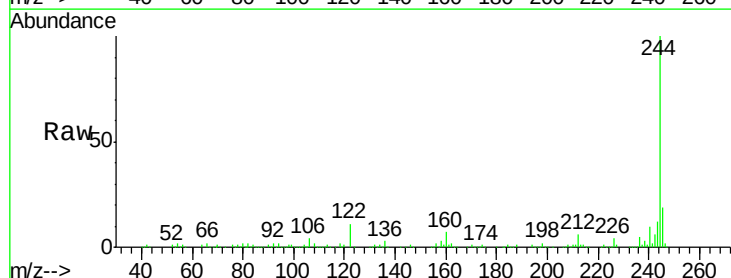
Tgt Ion:244 Resp: 323254

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

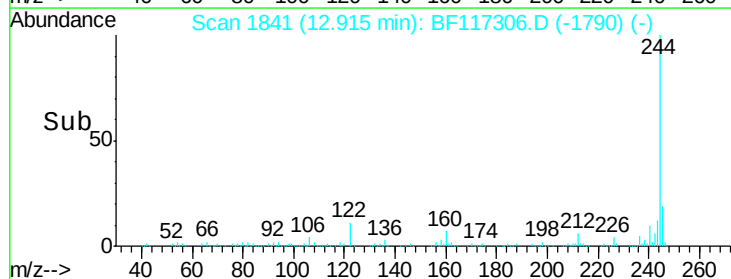
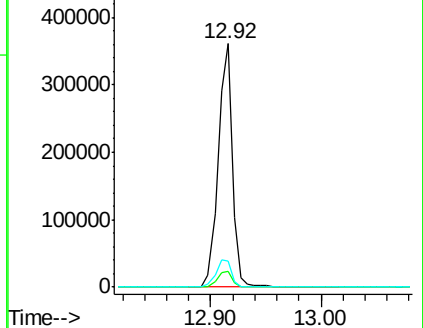
122 10.9 11.3 16.9#

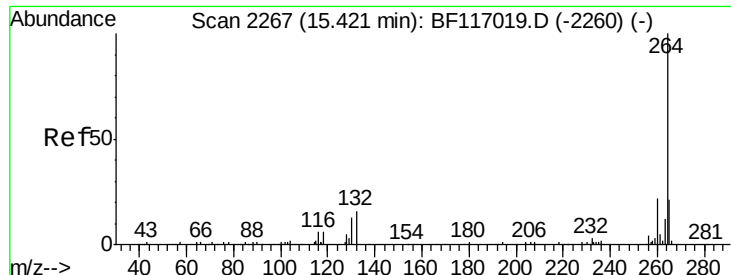


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

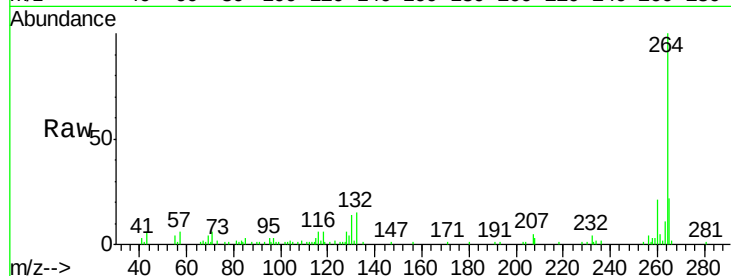




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117306.D
Acq: 2 Oct 2019 18:14

Instrument :
BNA_F
ClientSampleId :
20190827-COMPOSITE-C

Tot Ion:264 Resp: 51179
Ion Ratio Lower Upper
264 100
260 20.6 17.6 26.4
265 22.5 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

