

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117113.D
 Acq On : 17 Sep 2019 18:11
 Operator : HP/JU
 Sample : K4873-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-28

Quant Time: Sep 18 04:40:50 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

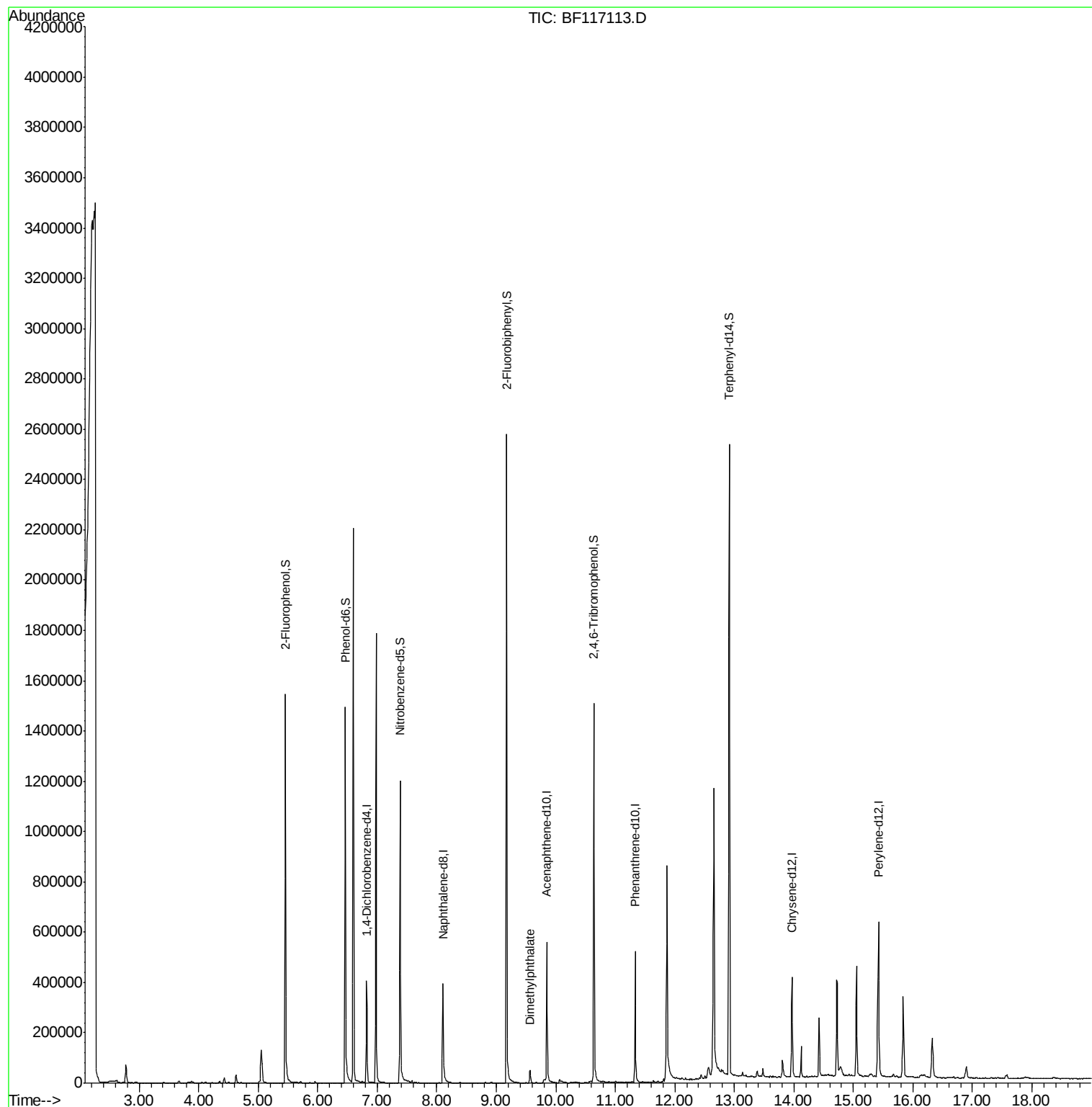
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	60359	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	239147	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	120919	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	199631	20.00	ng	0.00
76) Chrysene-d12	13.97	240	144895	20.00	ng	0.00
87) Perylene-d12	15.42	264	128579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	504090	130.39	ng	0.02
7) Phenol-d6	6.46	99	614608	123.01	ng	0.00
23) Nitrobenzene-d5	7.39	82	465963	102.38	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	170646	168.86	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	814726	105.35	ng	0.00
79) Terphenyl-d14	12.92	244	826975	106.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	27030	3.157	ng	Qvalue 99

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

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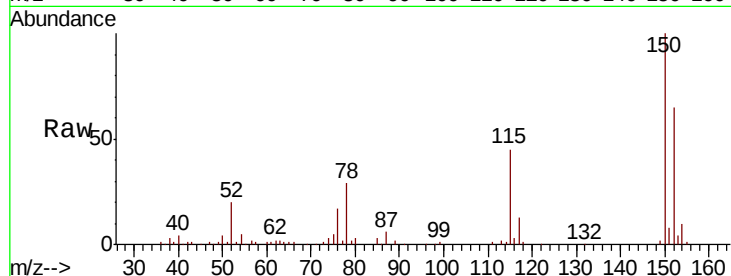


#1

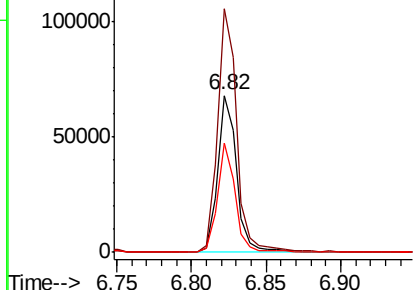
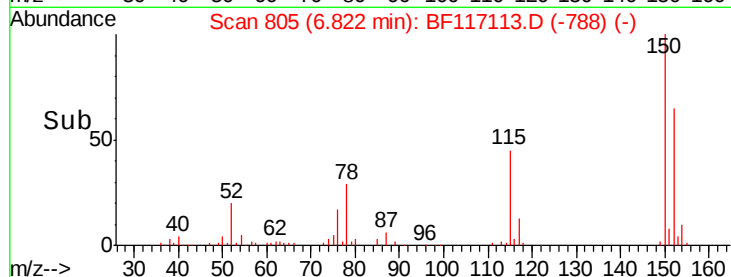
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117113.D
Acq: 17 Sep 2019 18:11

Instrument :
BNA_F
ClientSampleId :
COMP-28

Tot Ion:152 Resp: 60359
Ion Ratio Lower Upper
152 100
150 154.9 127.5 191.3
115 69.3 55.0 82.4



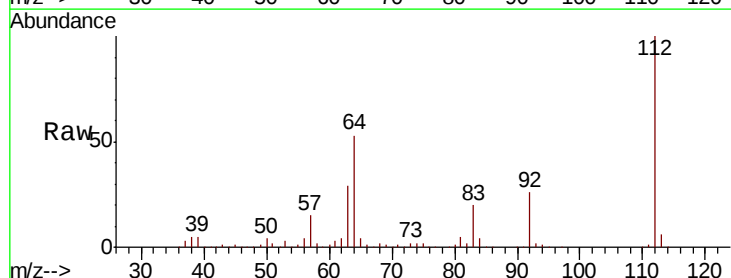
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



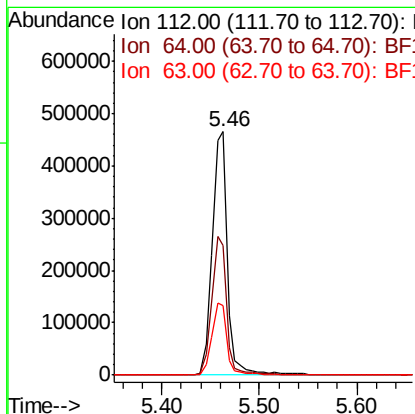
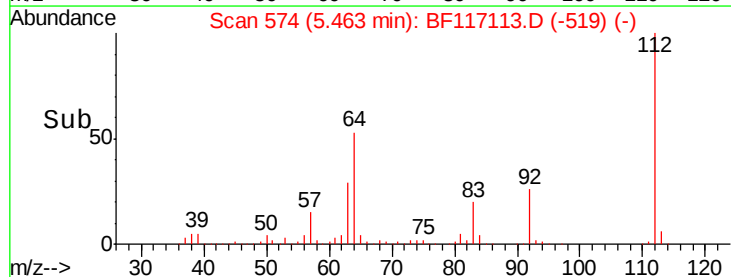
#5

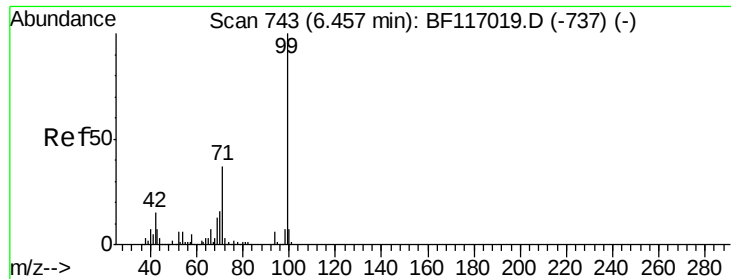
2-Fluorophenol
Concen: 130.388 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF117113.D
Acq: 17 Sep 2019 18:11

Tgt Ion:112 Resp: 504090
Ion Ratio Lower Upper
112 100
64 53.3 45.7 68.5
63 28.6 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: 123.011 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117113.D

Acq: 17 Sep 2019 18:11

Instrument :

BNA_F

ClientSampleId :

COMP-28

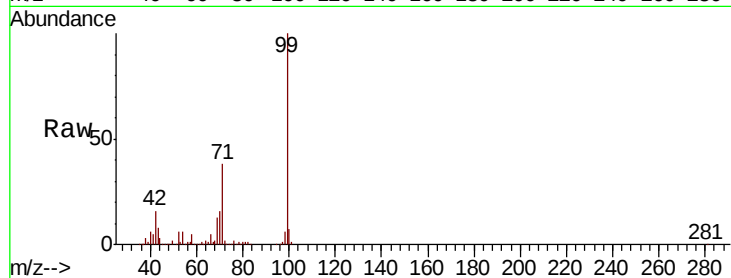
Tot Ion: 99 Resp: 614608

Ion Ratio Lower Upper

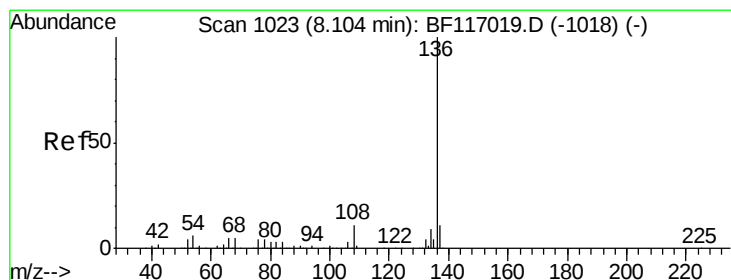
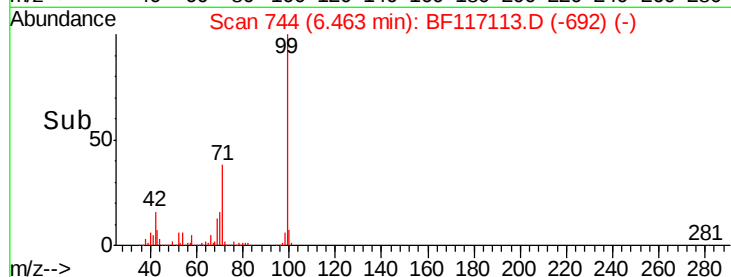
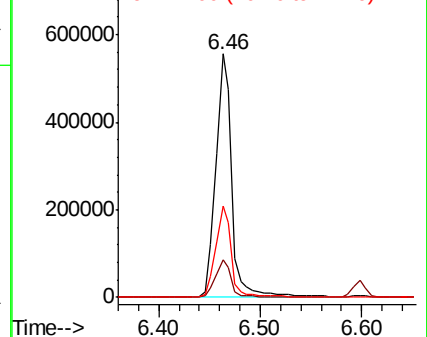
99 100

42 15.6 12.2 18.2

71 37.7 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: BF117113.D

Acq: 17 Sep 2019 18:11

Tgt Ion: 136 Resp: 239147

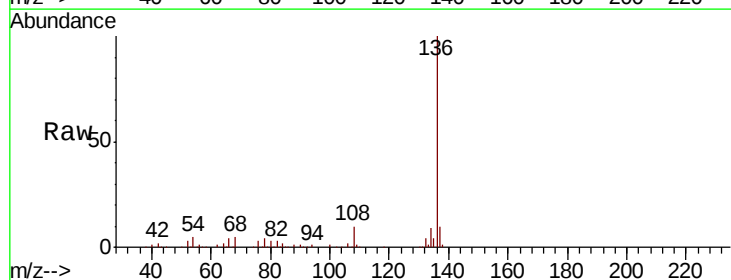
Ion Ratio Lower Upper

136 100

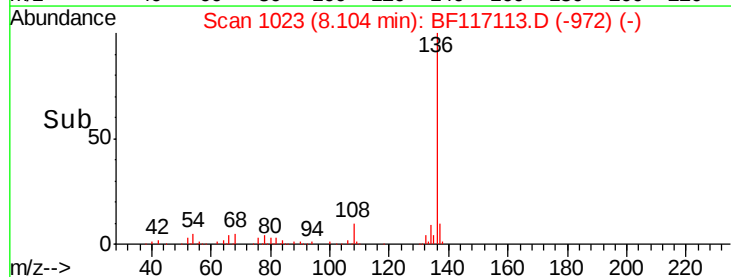
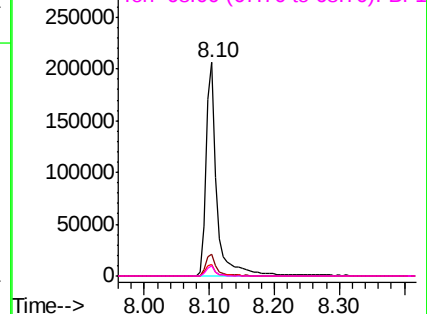
137 10.2 9.0 13.4

54 5.2 4.5 6.7

68 4.8 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

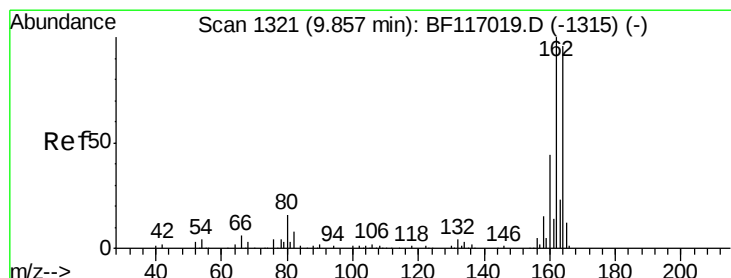
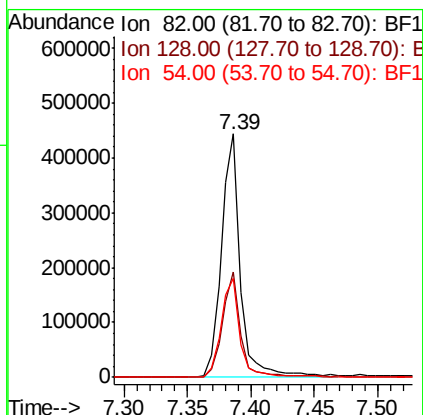
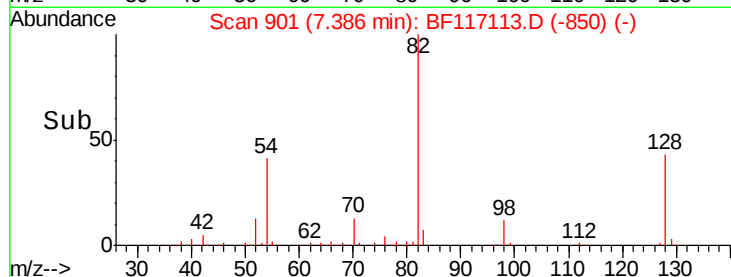
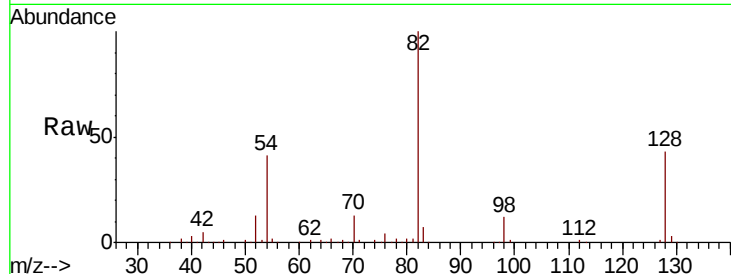




#23
 Nitrobenzene-d5
 Concen: 102.376 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117113.D
 Acq: 17 Sep 2019 18:11

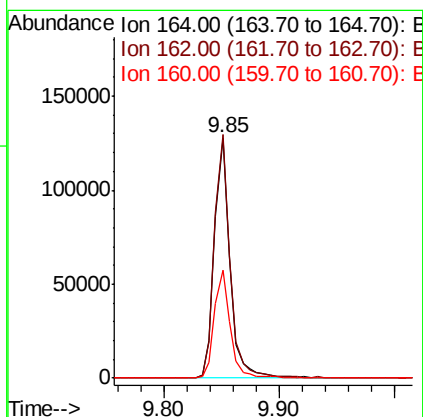
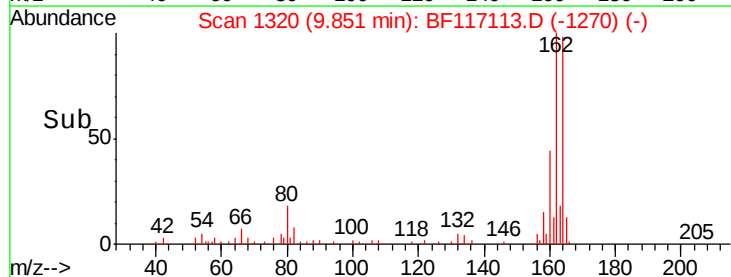
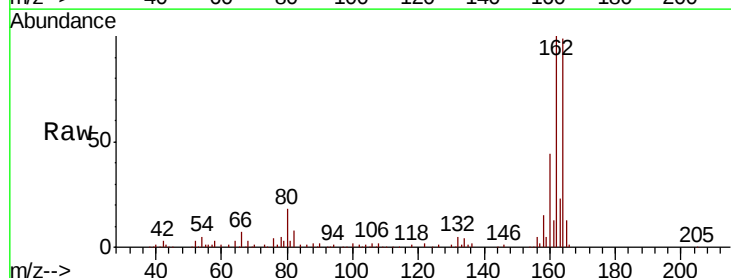
Instrument :
 BNA_F
 ClientSampleId :
 COMP-28

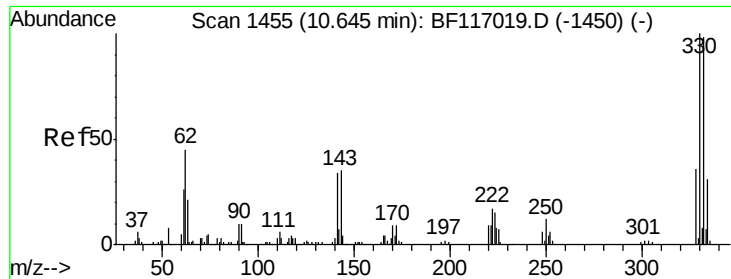
Tot Ion: 82 Resp: 465963
 Ion Ratio Lower Upper
 82 100
 128 43.2 32.3 48.5
 54 40.7 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117113.D
 Acq: 17 Sep 2019 18:11

Tgt Ion:164 Resp: 120919
 Ion Ratio Lower Upper
 164 100
 162 101.4 83.4 125.2
 160 44.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 168.855 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117113.D

Acq: 17 Sep 2019 18:11

Instrument :

BNA_F

ClientSampled :

COMP-28

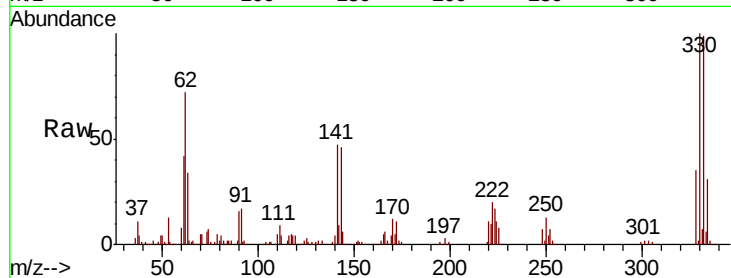
Tot Ion:330 Resp: 170646

Ion Ratio Lower Upper

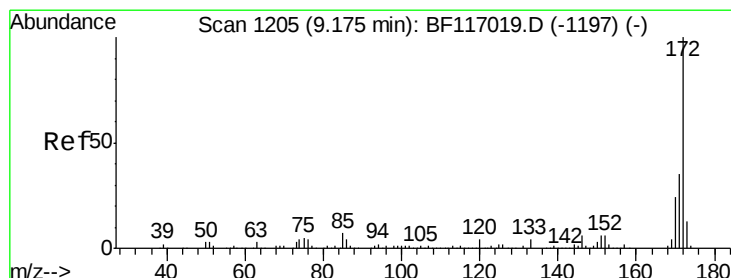
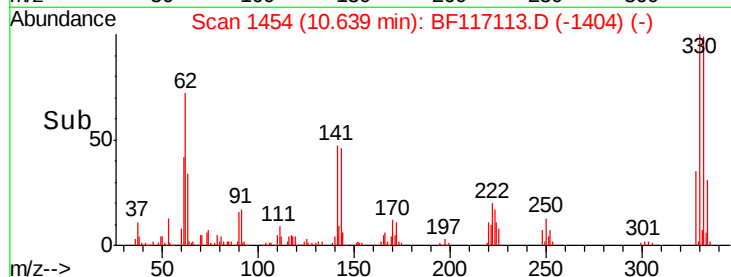
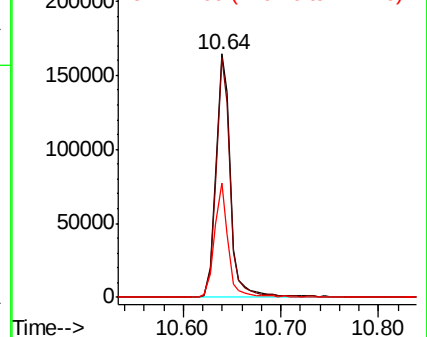
330 100

332 95.7 78.0 117.0

141 44.4 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: 105.350 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF117113.D

Acq: 17 Sep 2019 18:11

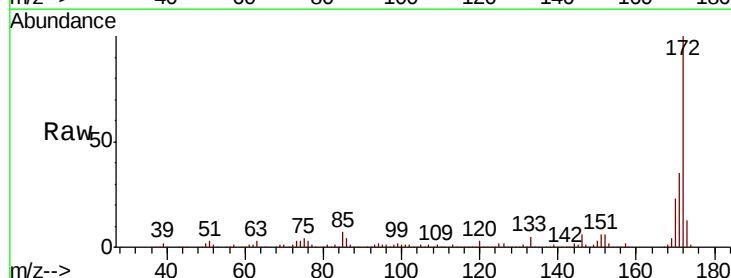
Tgt Ion:172 Resp: 814726

Ion Ratio Lower Upper

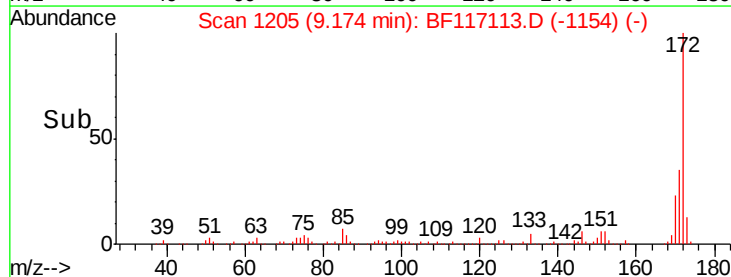
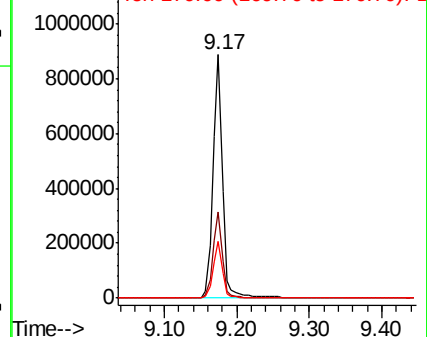
172 100

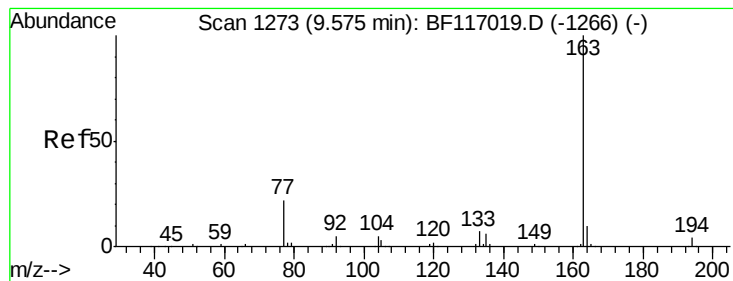
171 35.2 28.2 42.2

170 23.5 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: 3.157 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117113.D

Acq: 17 Sep 2019 18:11

Instrument :

BNA_F

ClientSampleId :

COMP-28

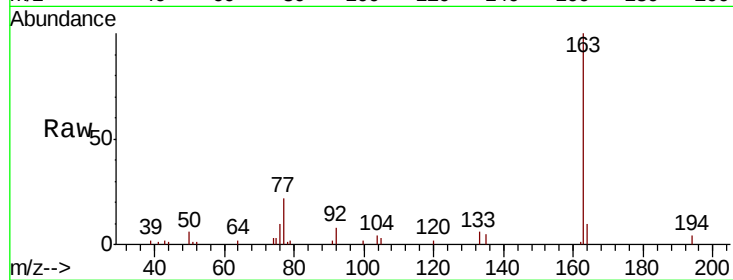
Tot Ion:163 Resp: 27030

Ion Ratio Lower Upper

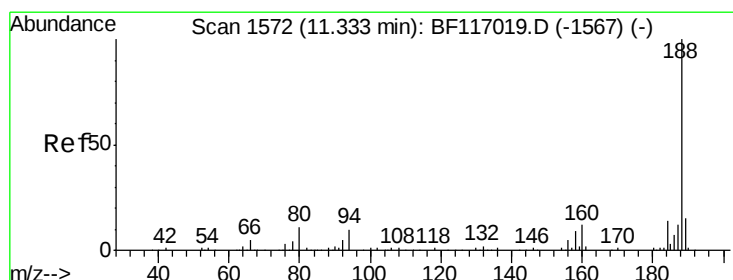
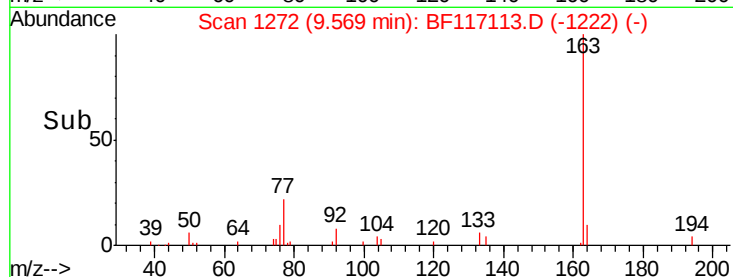
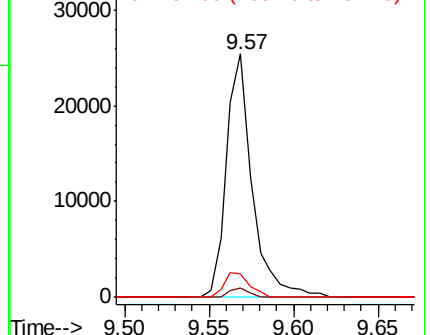
163 100

194 4.0 2.9 4.3

164 9.8 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: BF117113.D

Acq: 17 Sep 2019 18:11

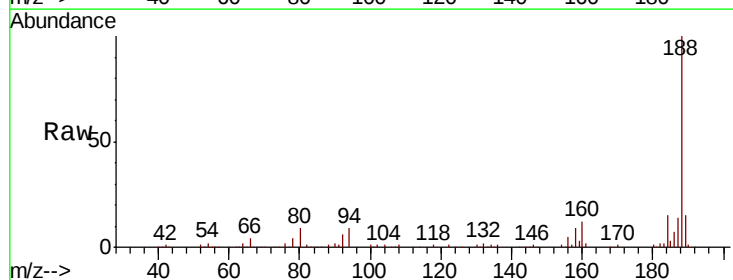
Tgt Ion:188 Resp: 199631

Ion Ratio Lower Upper

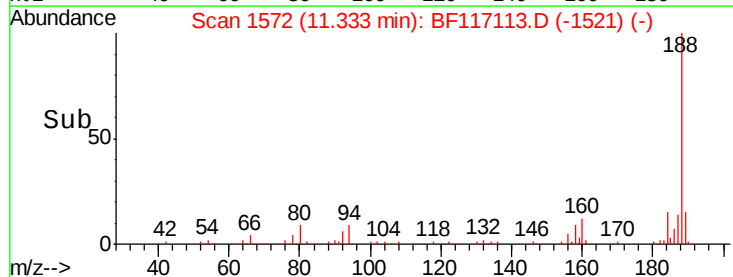
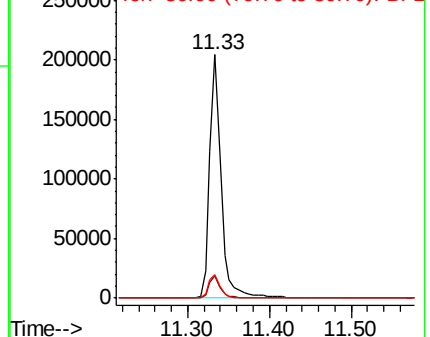
188 100

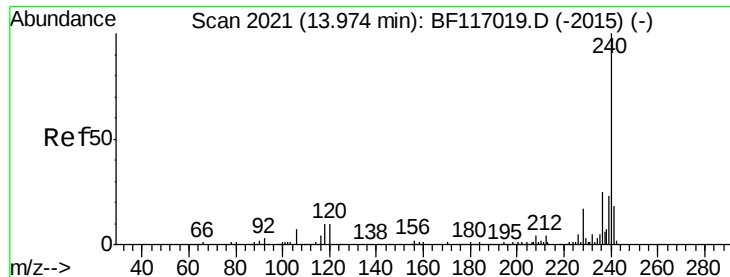
94 9.2 8.2 12.2

80 9.4 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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117113.D

Acq: 17 Sep 2019 18:11

Instrument :

BNA_F

ClientSampleId :

COMP-28

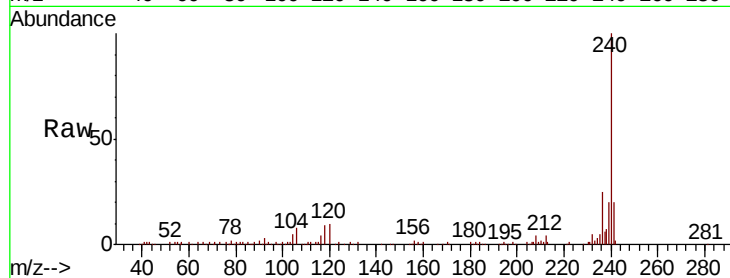
Tot Ion:240 Resp: 144895

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

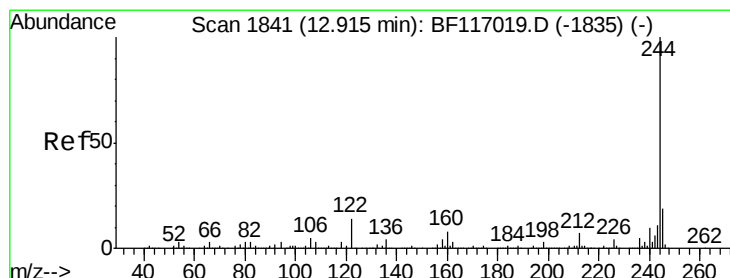
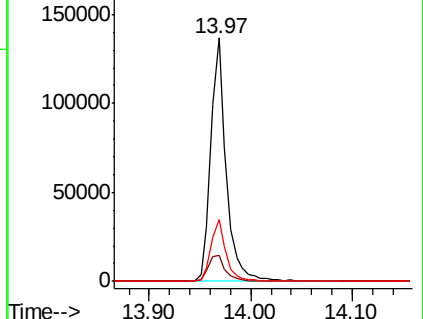
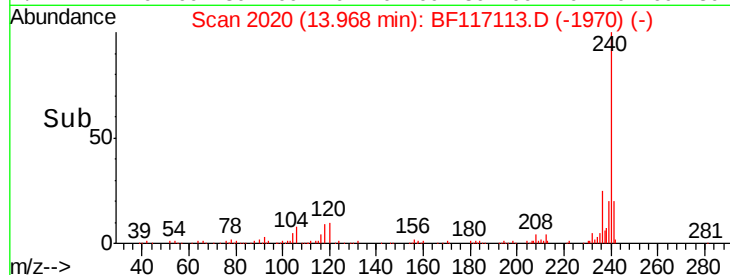
236 25.3 20.3 30.5



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: 106.684 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117113.D

Acq: 17 Sep 2019 18:11

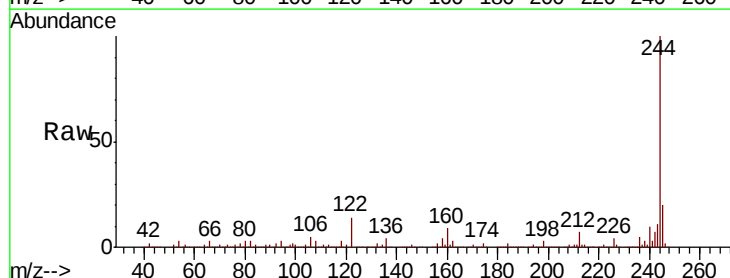
Tgt Ion:244 Resp: 826975

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

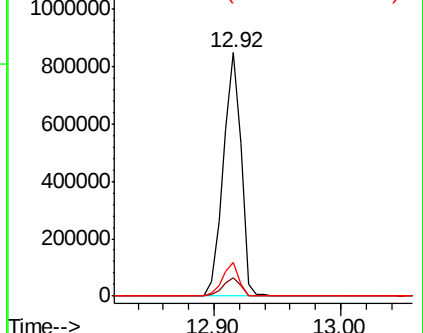
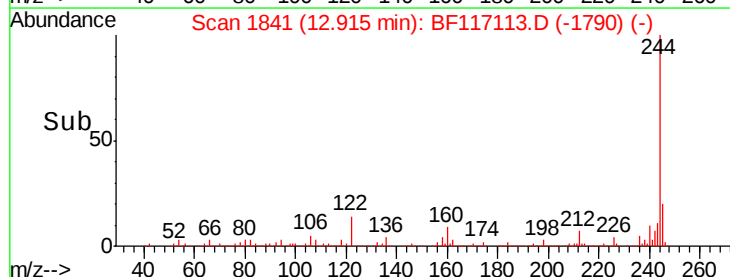
122 14.0 11.3 16.9

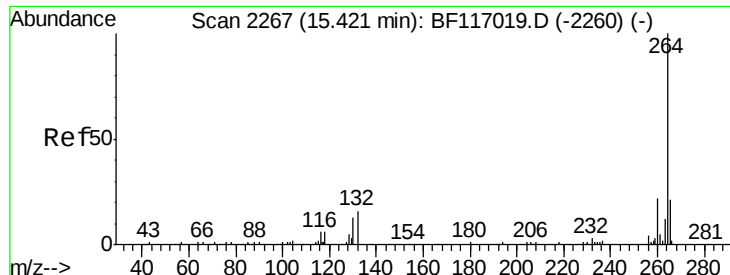


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2266
Delta R.T. -0.01 min
Lab File: BF117113.D
Acq: 17 Sep 2019 18:11

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.6	26.4
265	22.2	16.6	24.8

