

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114342.D
 Acq On : 17 May 2019 11:55
 Operator : JU/SJ
 Sample : K2865-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21-S

Quant Time: May 18 05:02:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

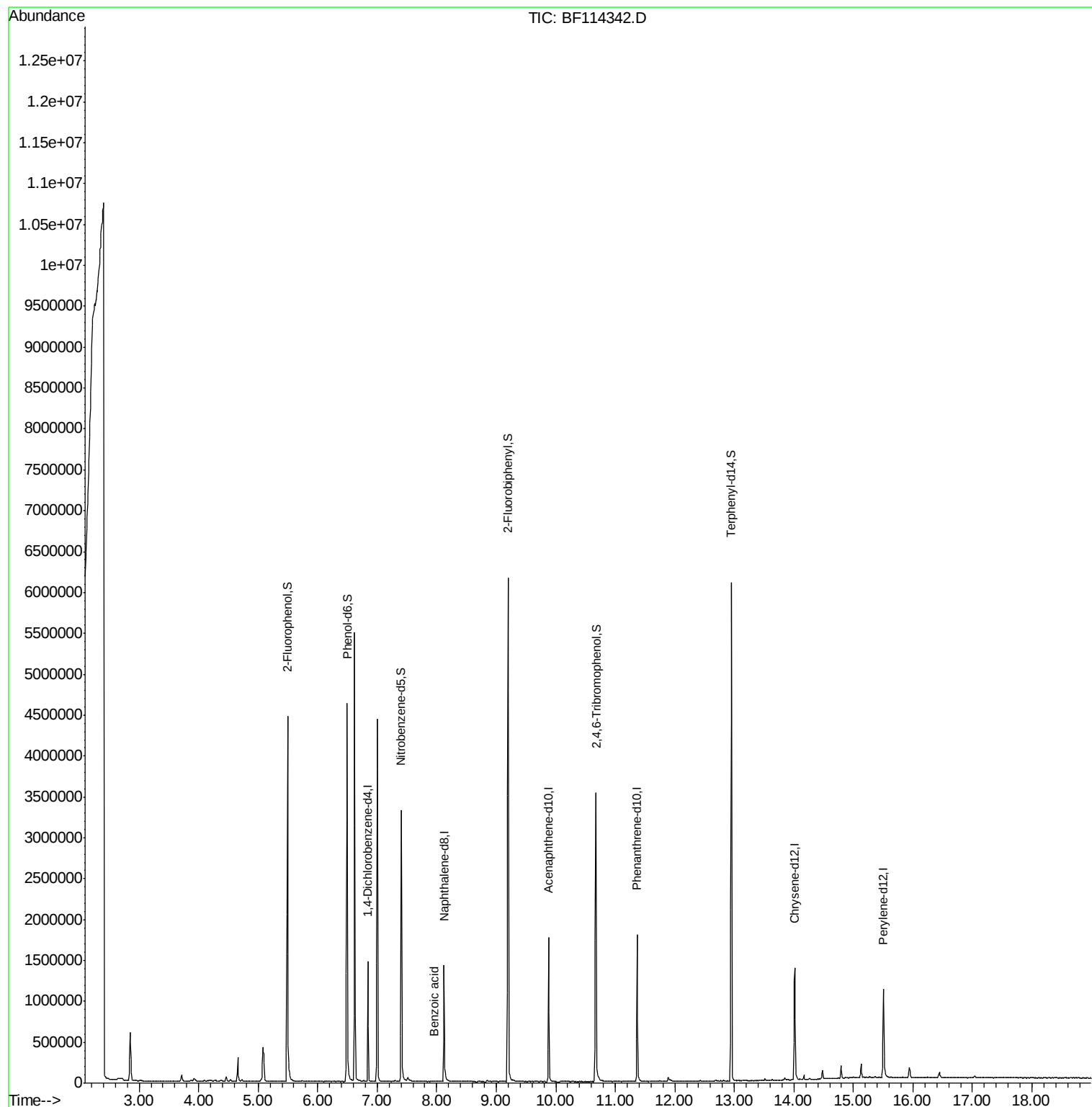
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	200559	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	769596	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	366582	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	755329	20.00	ng	0.00
76) Chrysene-d12	14.02	240	541353	20.00	ng	0.00
87) Perylene-d12	15.50	264	529893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1375107	110.34	ng	0.01
7) Phenol-d6	6.49	99	1611652	109.34	ng	0.00
23) Nitrobenzene-d5	7.40	82	1217451	88.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	493769	130.29	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2040053	84.18	ng	-0.01
79) Terphenyl-d14	12.95	244	2258837	86.01	ng	0.00
Target Compounds						
32) Benzoic acid	7.97	122	4985	7.581	ng	Qvalue 93

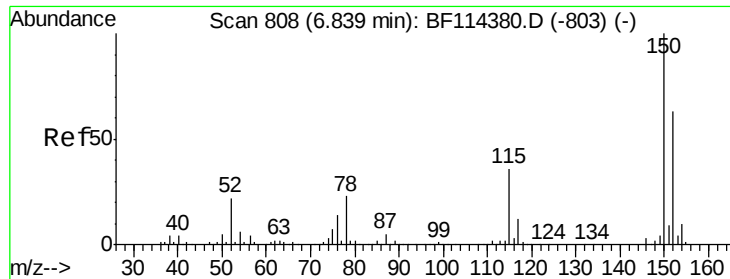
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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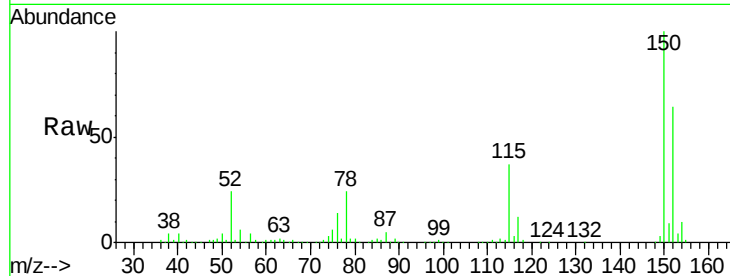


#1

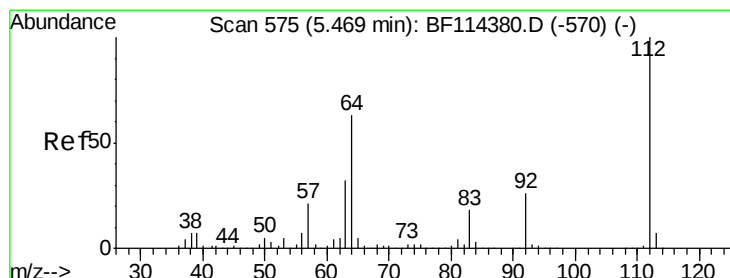
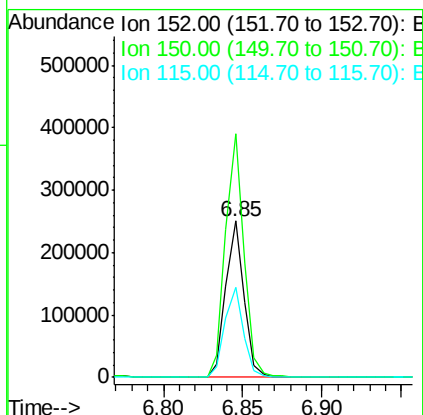
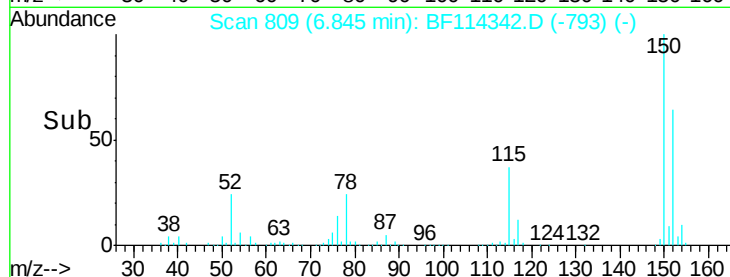
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114342.D
Acq: 17 May 2019 11:55

Instrument :
BNA_F
ClientSampleId :
TP-21-S

Tgt Ion:152 Resp: 200559
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 57.2 49.1 73.7



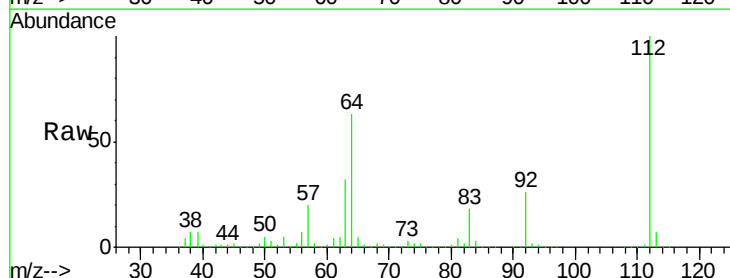
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



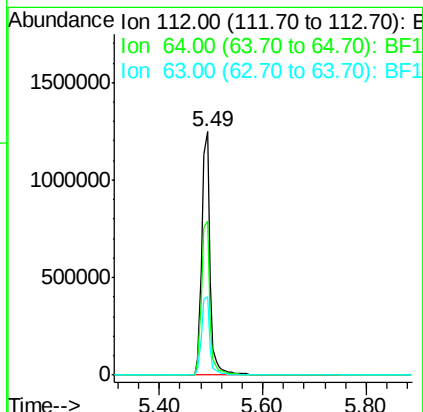
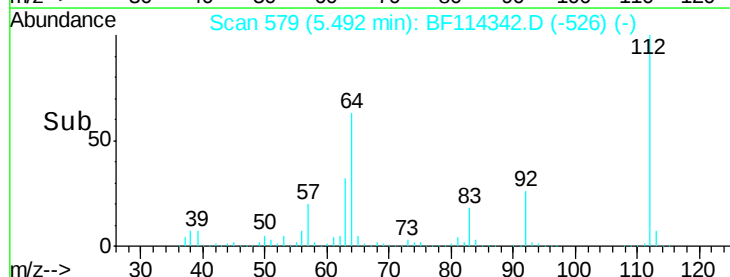
#5

2-Fluorophenol
Concen: 110.337 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114342.D
Acq: 17 May 2019 11:55

Tgt Ion:112 Resp: 1375107
Ion Ratio Lower Upper
112 100
64 63.3 49.0 73.6
63 32.2 24.6 37.0



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: 109.338 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

Instrument :

BNA_F

ClientSampleId :

TP-21-S

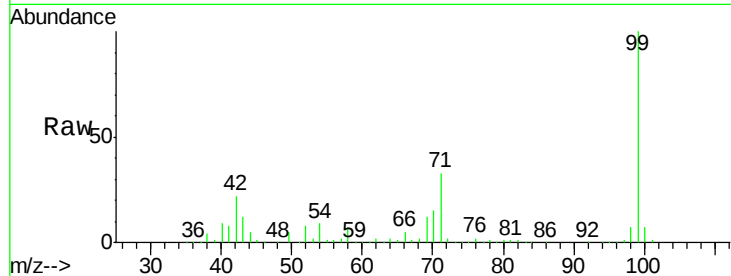
Tgt Ion: 99 Resp: 1611652

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

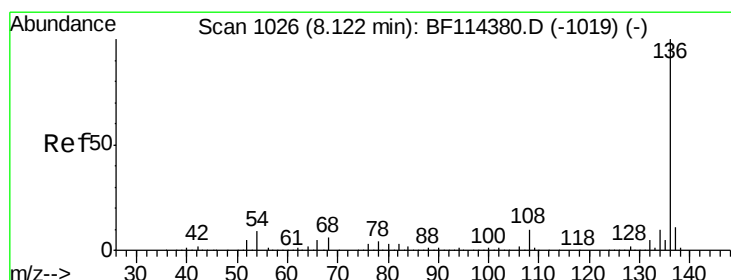
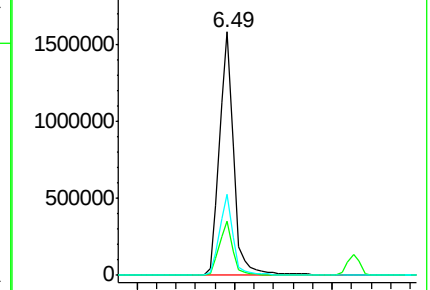
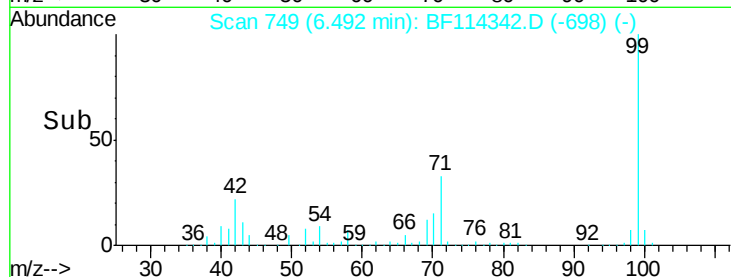
71 33.1 26.2 39.2



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

Tgt Ion: 136 Resp: 769596

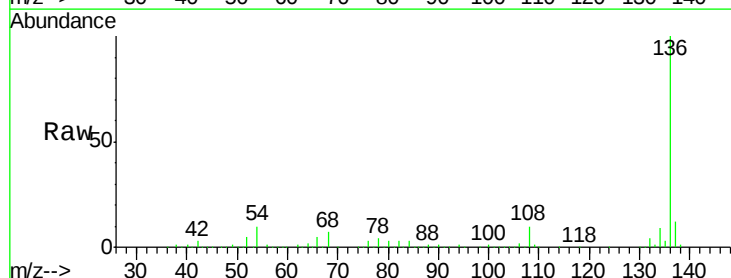
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.1 7.8 11.8

68 6.7 5.1 7.7

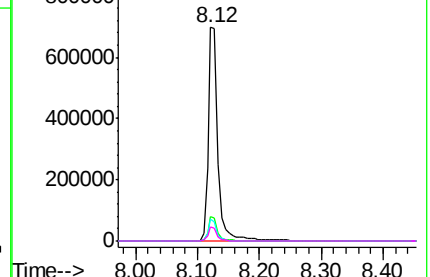
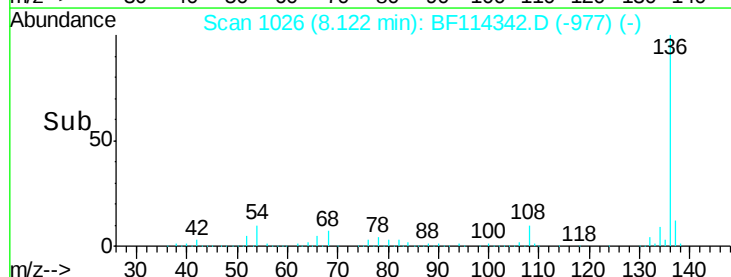


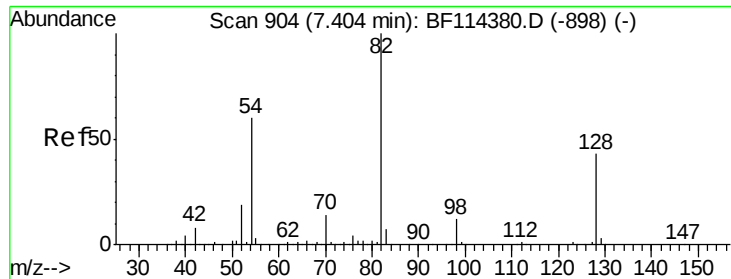
Abundance Ion 136.00 (135.70 to 136.70): E

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

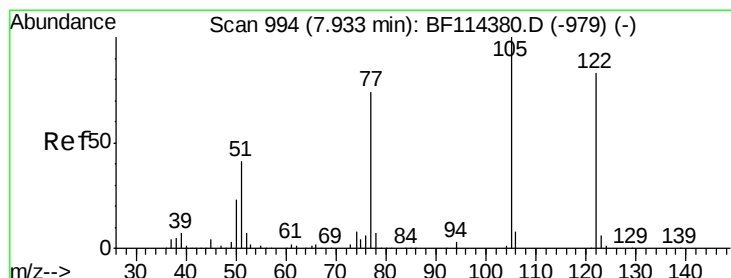
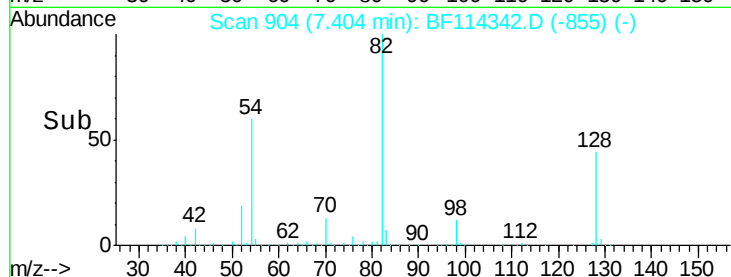
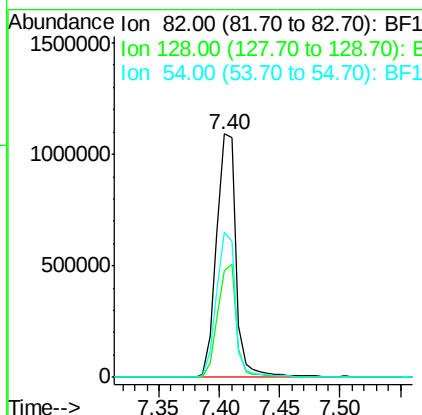
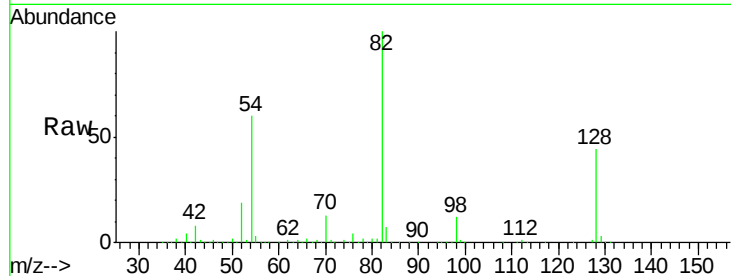




#23
 Nitrobenzene-d5
 Concen: 88.778 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114342.D
 Acq: 17 May 2019 11:55

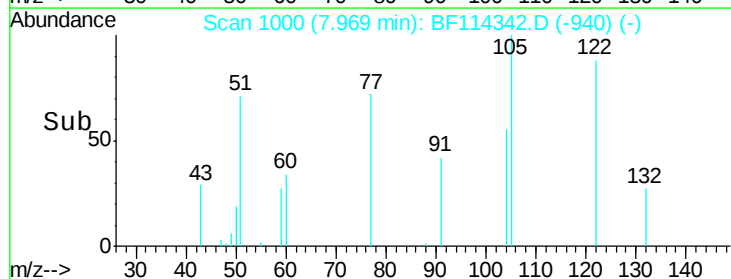
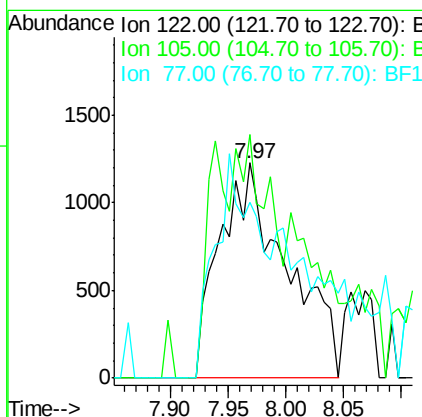
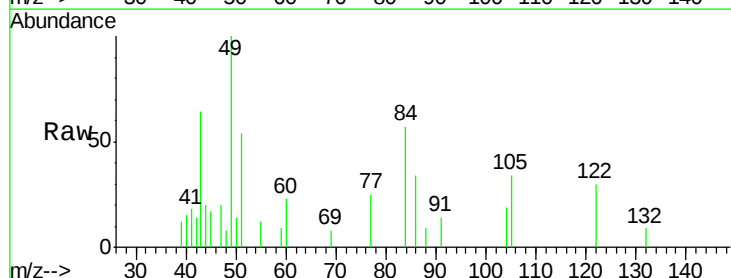
Instrument :
 BNA_F
 ClientSampleID :
 TP-21-S

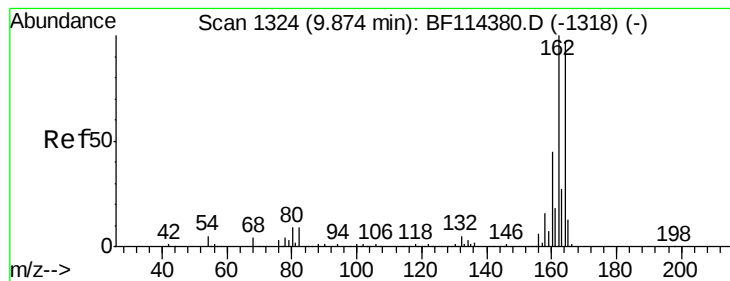
Tgt Ion: 82 Resp: 1217451
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.5 53.3
 54 59.8 48.5 72.7



#32
 Benzoic acid
 Concen: 7.581 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.05 min
 Lab File: BF114342.D
 Acq: 17 May 2019 11:55

Tgt Ion: 122 Resp: 4985
 Ion Ratio Lower Upper
 122 100
 105 113.1 99.9 139.9
 77 81.8 69.4 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

Instrument :

BNA_F

ClientSampleId :

TP-21-S

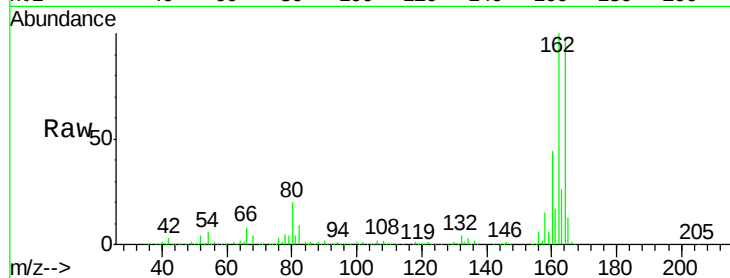
Tgt Ion:164 Resp: 366582

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

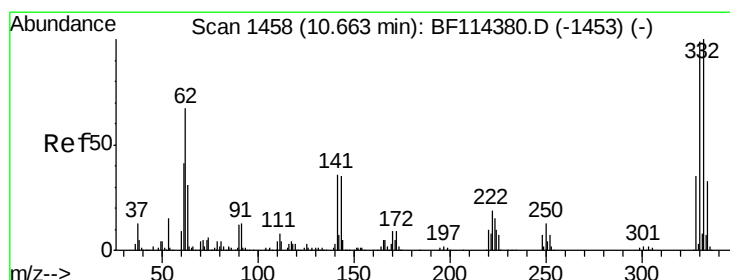
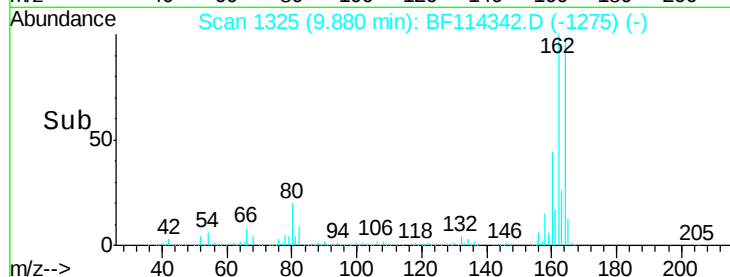
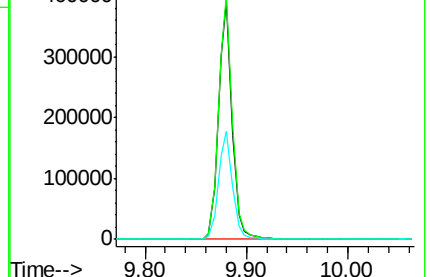
160 45.4 36.5 54.7



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: 130.287 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

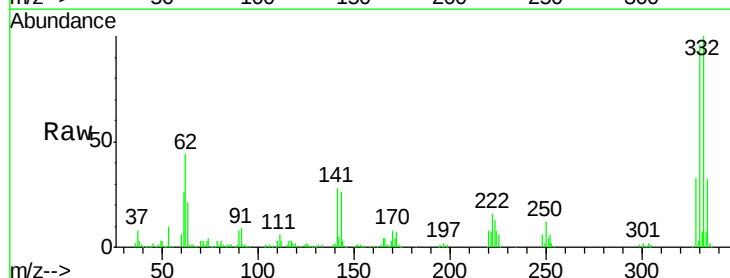
Tgt Ion:330 Resp: 493769

Ion Ratio Lower Upper

330 100

332 103.6 81.4 122.2

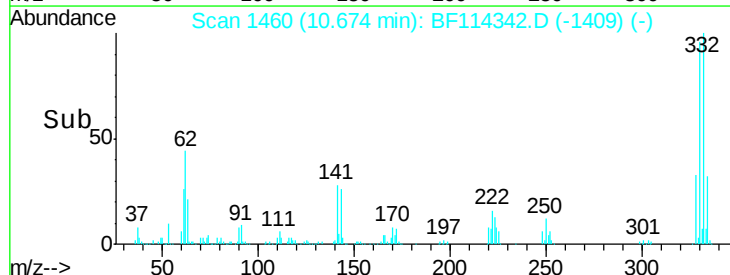
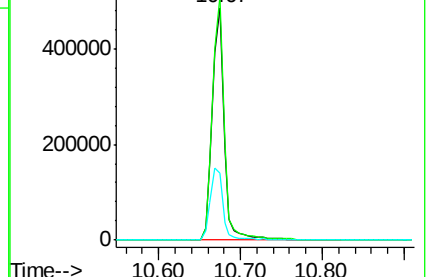
141 33.8 26.6 40.0

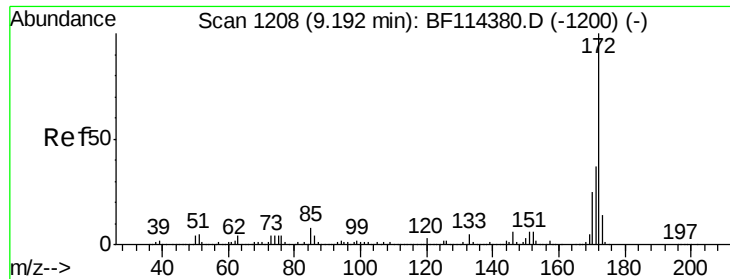


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

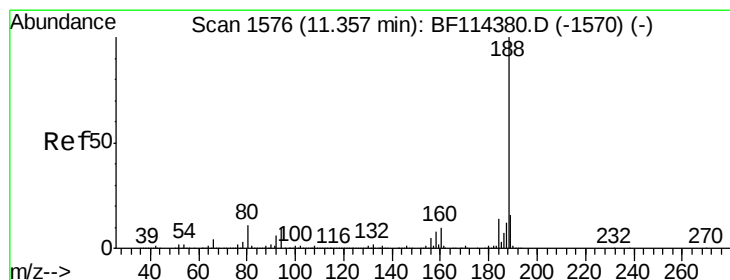
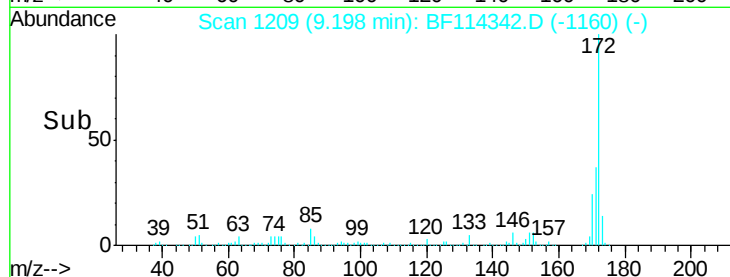
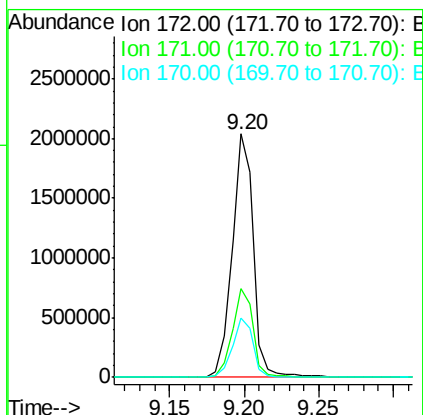
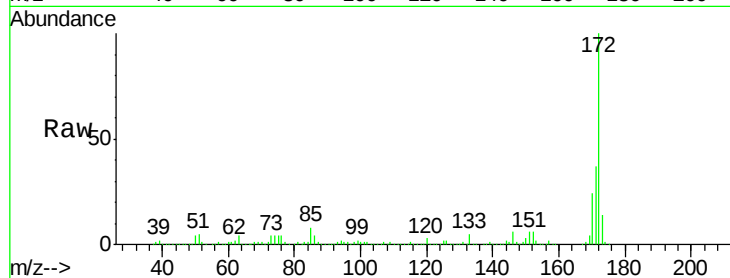




#45
 2-Fluorobiphenyl
 Concen: 84.181 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF114342.D
 Acq: 17 May 2019 11:55

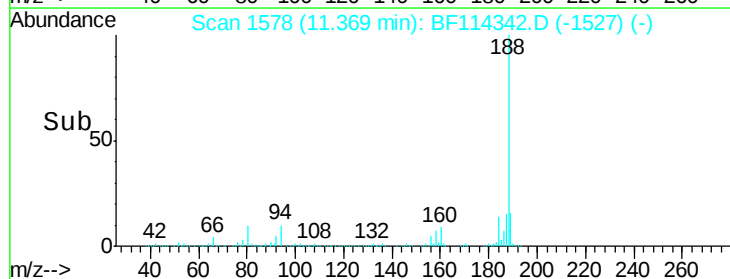
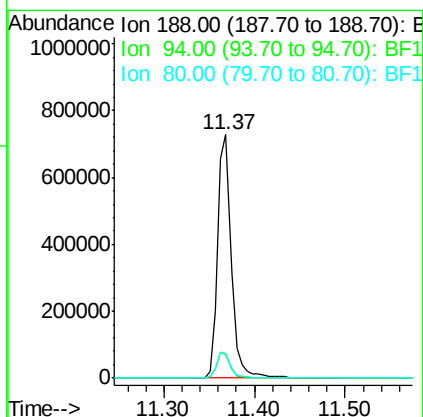
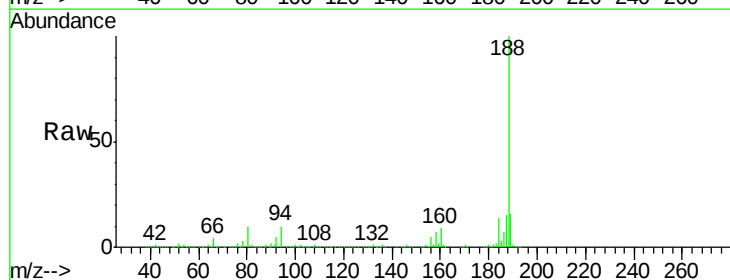
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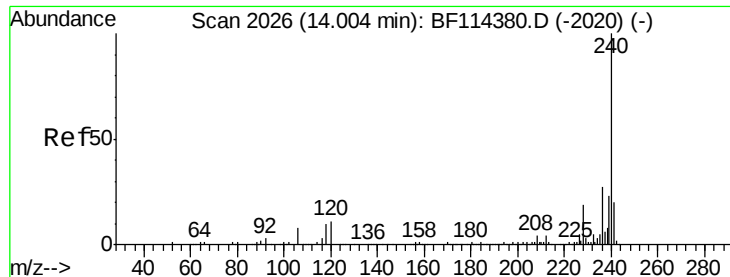
Tgt Ion:172 Resp: 2040053
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.7 46.1
 170 24.1 20.5 30.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114342.D
 Acq: 17 May 2019 11:55

Tgt Ion:188 Resp: 755329
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.4 12.6
 80 10.2 9.2 13.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

Instrument :

BNA_F

ClientSampleId :

TP-21-S

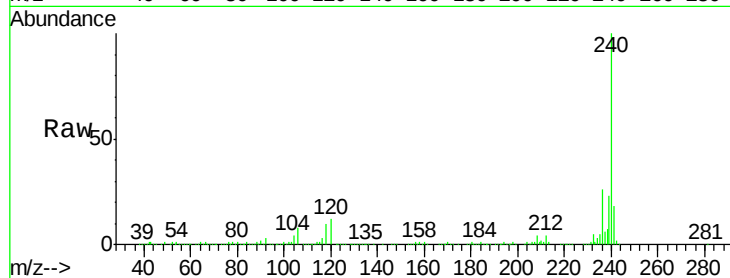
Tgt Ion:240 Resp: 541353

Ion Ratio Lower Upper

240 100

120 12.1 8.3 12.5

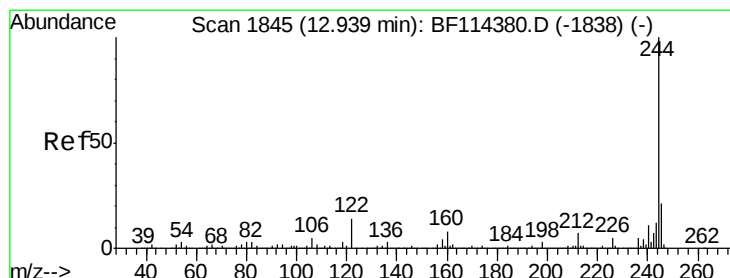
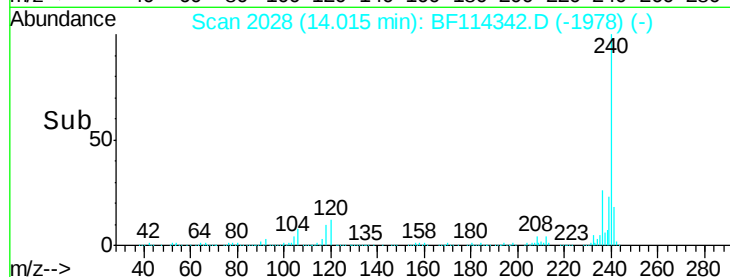
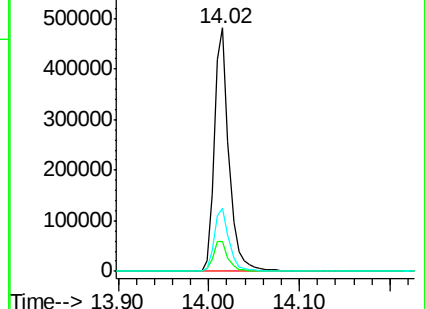
236 25.9 20.8 31.2



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: 86.015 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

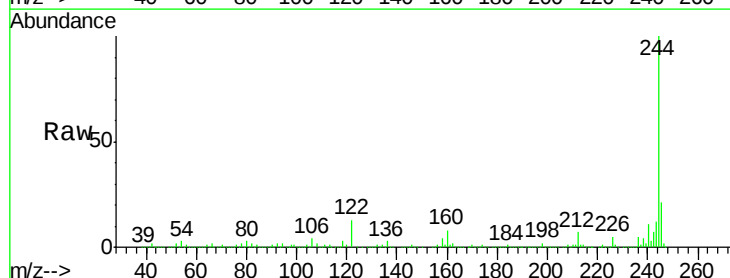
Tgt Ion:244 Resp: 2258837

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

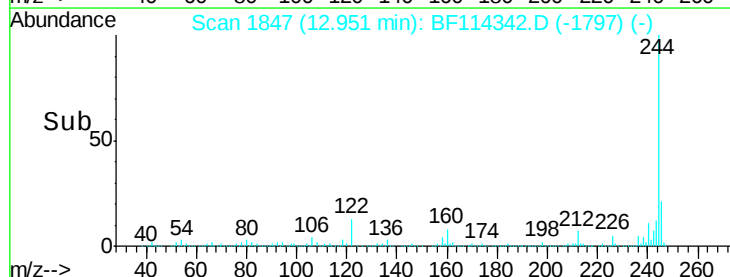
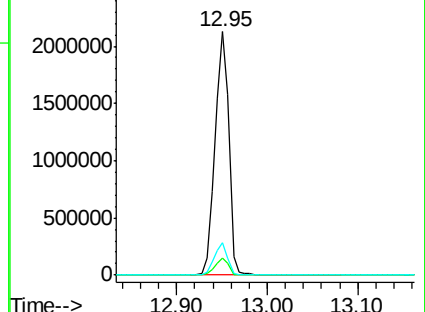
122 13.4 9.4 14.2

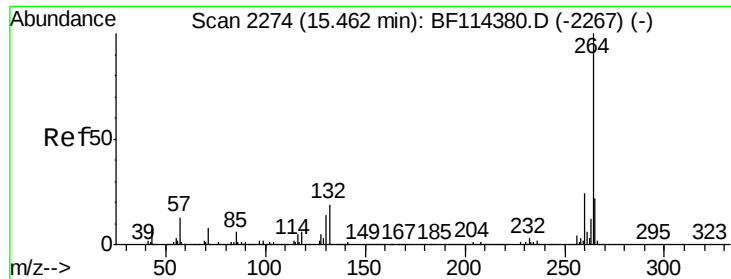


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF114342.D
Acq: 17 May 2019 11:55

Instrument :
BNA_F
ClientSampleId :
TP-21-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.6	16.9	25.3

