

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112852.D
 Acq On : 5 Mar 2019 13:41
 Operator : JU/SJ
 Sample : K1704-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-SW003-022719

Quant Time: Mar 06 03:16:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

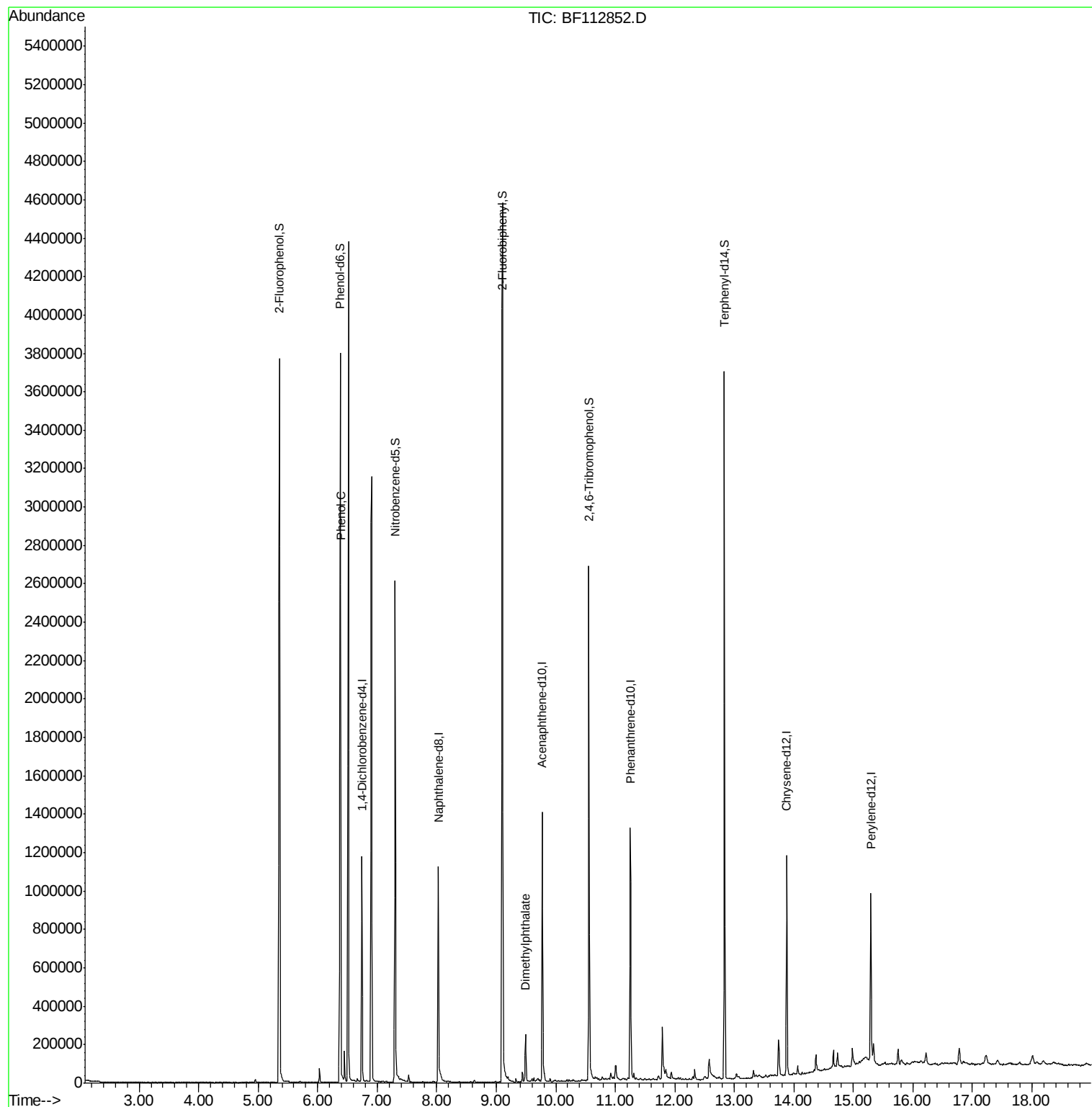
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	163557	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	629059	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	288930	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	528836	20.00	ng	0.00
76) Chrysene-d12	13.88	240	400880	20.00	ng	0.00
87) Perylene-d12	15.29	264	427961	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1130662	107.53	ng	0.01
7) Phenol-d6	6.38	99	1484883	112.42	ng	0.01
23) Nitrobenzene-d5	7.30	82	885315	84.21	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	400934	130.71	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1588435	93.57	ng	0.00
79) Terphenyl-d14	12.84	244	1406415	68.01	ng	0.01
Target Compounds						
10) Phenol	6.39	94	48018	3.115	ng	90
50) Dimethylphthalate	9.49	163	113451	5.325	ng	99

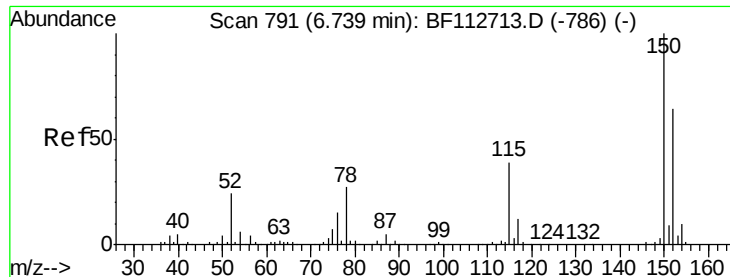
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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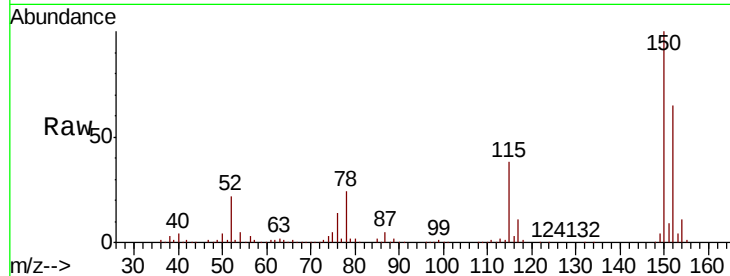


#1

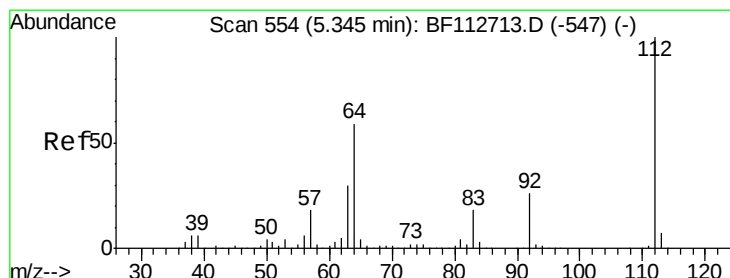
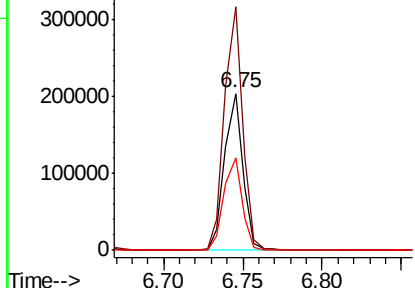
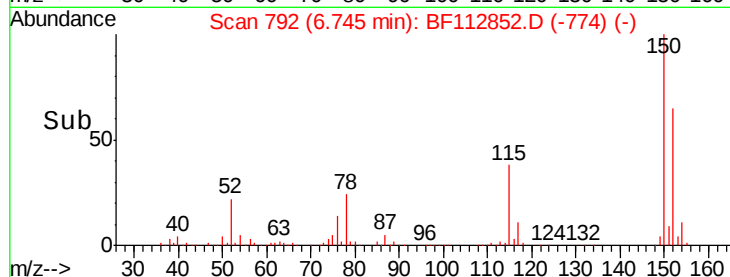
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PST-028-SW003-022719

Tot Ion:152 Resp: 163557
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.2
115 58.5 48.2 72.4



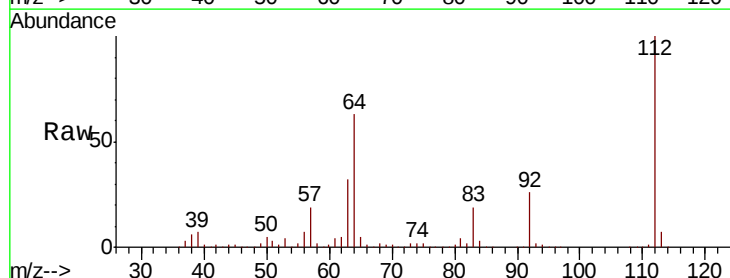
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



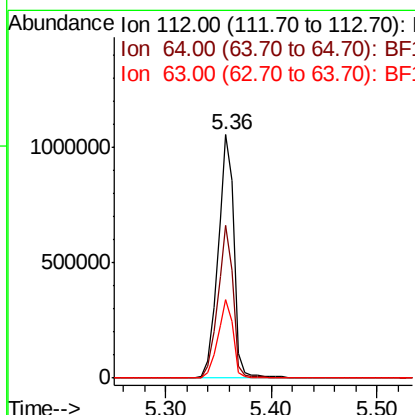
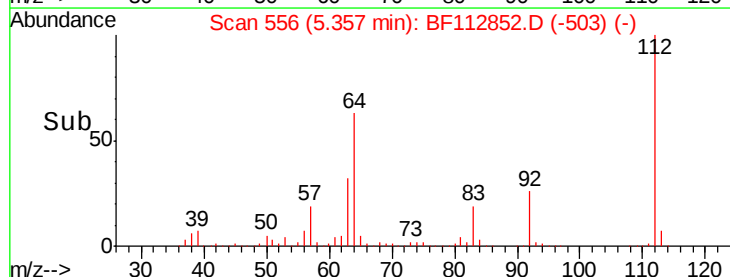
#5

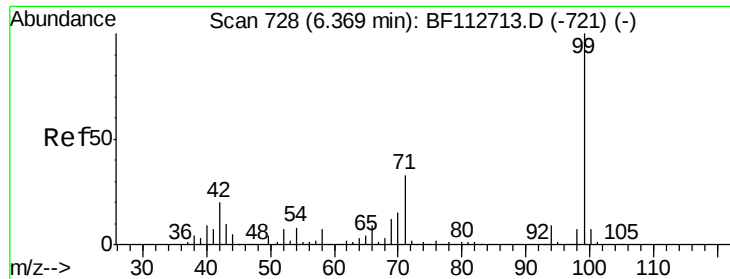
2-Fluorophenol
Concen: 107.534 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Tgt Ion:112 Resp: 1130662
Ion Ratio Lower Upper
112 100
64 62.6 47.6 71.4
63 32.5 24.4 36.6



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: 112.424 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PST-028-SW003-022719

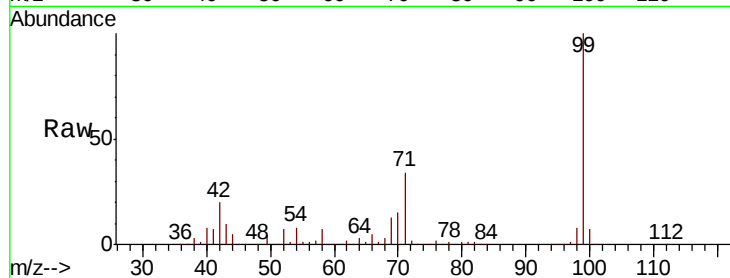
Tot Ion: 99 Resp: 1484883

Ion Ratio Lower Upper

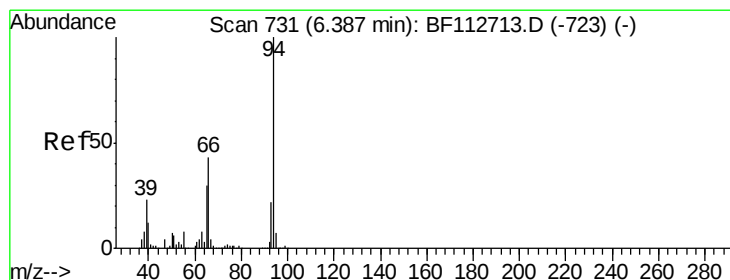
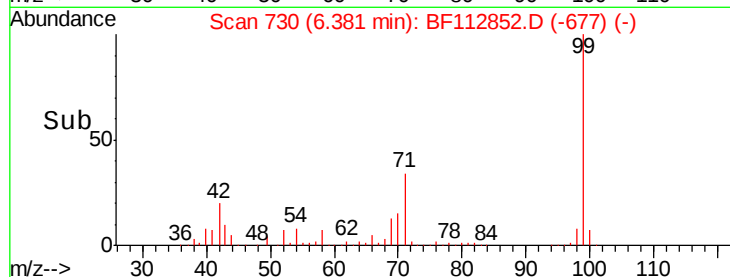
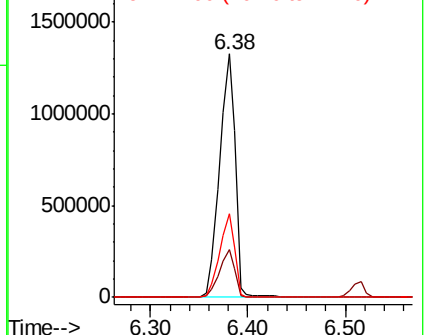
99 100

42 19.7 16.3 24.5

71 34.4 26.2 39.4



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



#10

Phenol

Concen: 3.115 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

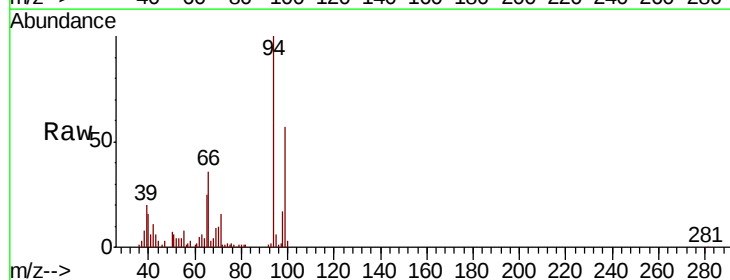
Tgt Ion: 94 Resp: 48018

Ion Ratio Lower Upper

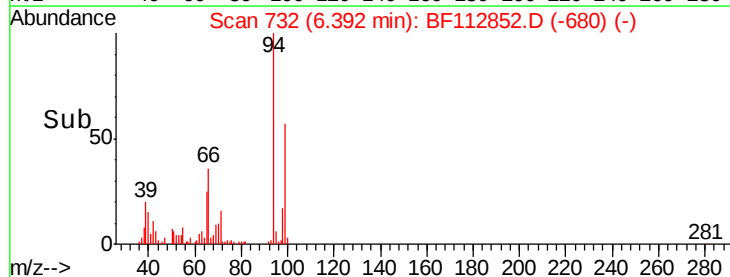
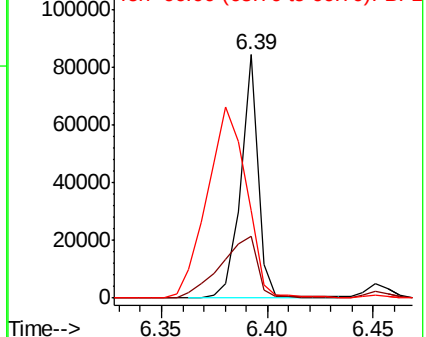
94 100

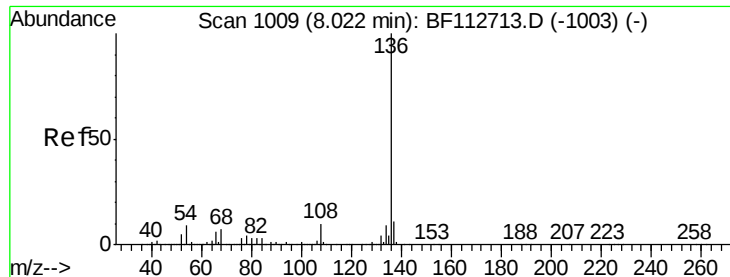
65 25.3 10.5 50.5

66 35.8 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

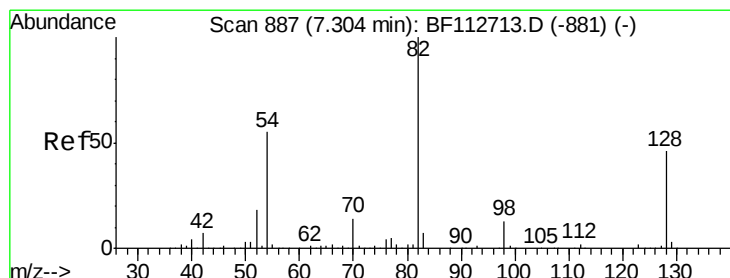
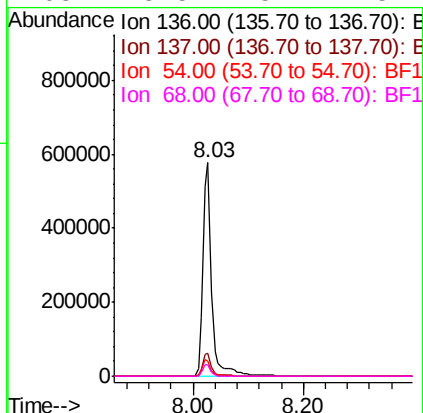
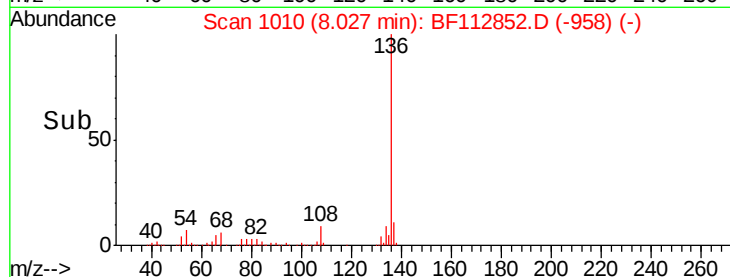
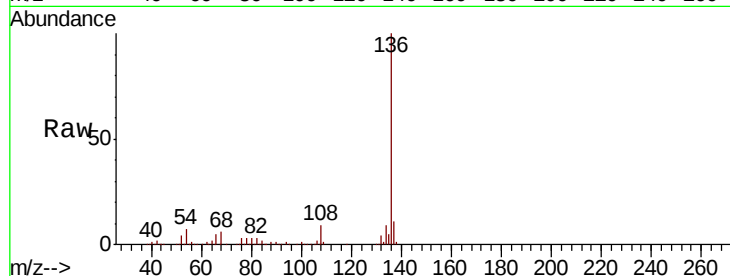




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

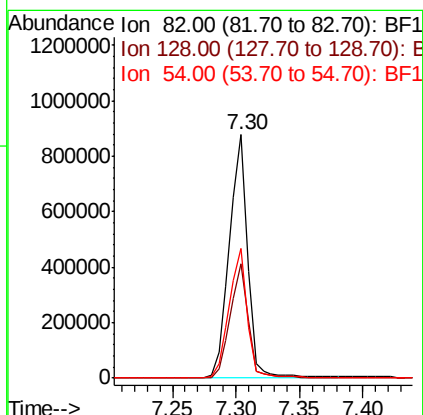
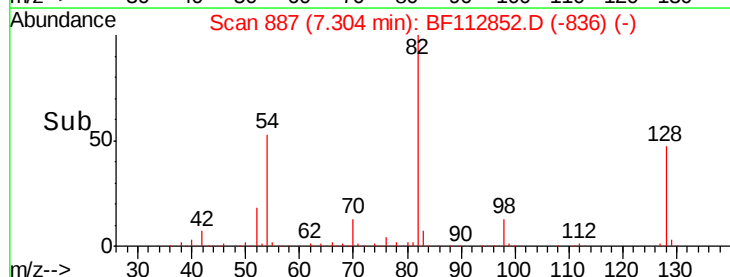
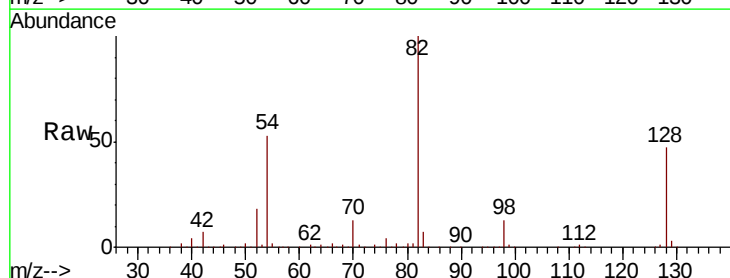
Instrument :
BNA_F
ClientSampleId :
PST-028-SW003-022719

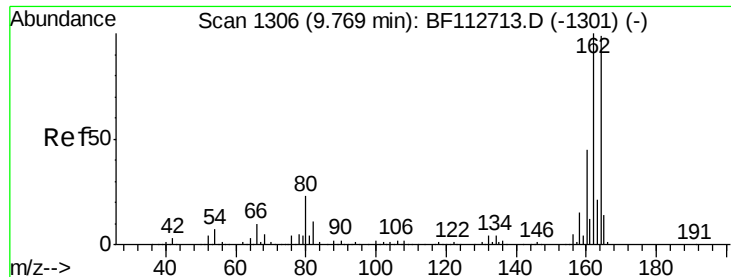
Tot Ion:136	Resp: 629059
Ion Ratio	Lower Upper
136 100	
137 10.6	8.9 13.3
54 7.3	7.3 10.9#
68 5.5	5.4 8.2



#23
Nitrobenzene-d5
Concen: 84.214 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Tgt	Ion: 82	Resp:	885315
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	53.1	43.7	65.5

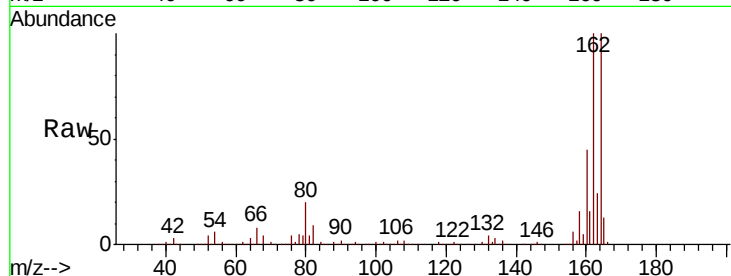




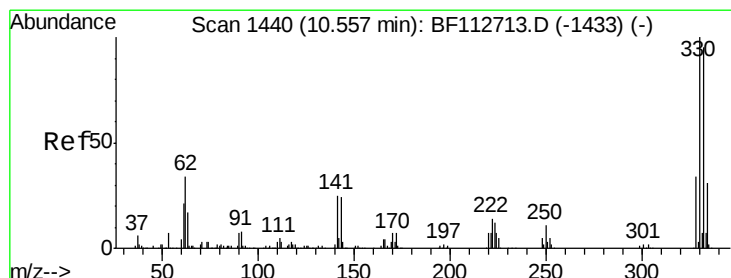
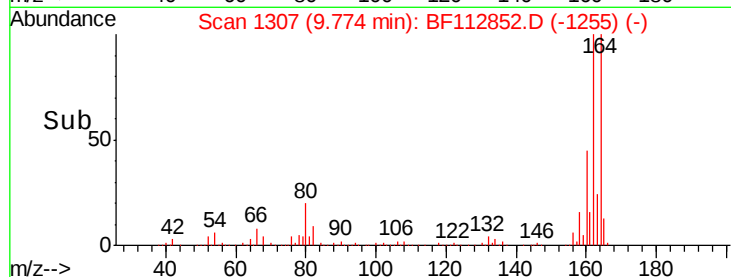
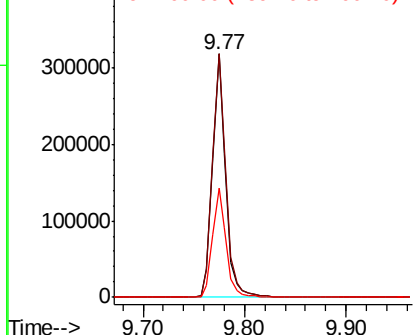
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112852.D
 Acq: 5 Mar 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-SW003-022719

Tot Ion:164 Resp: 288930
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.6 120.8
 160 44.9 36.0 54.0

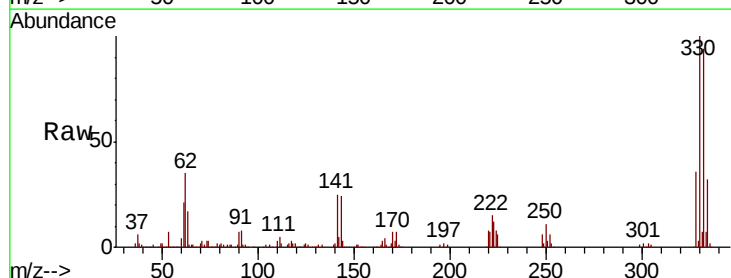


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

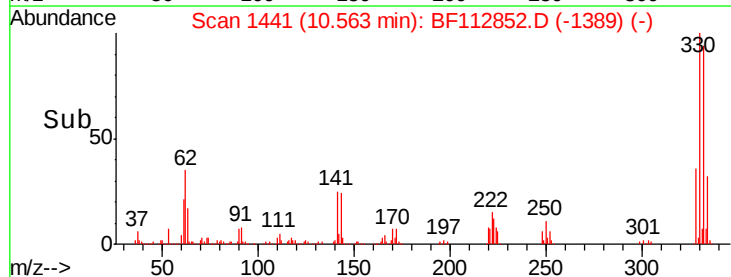
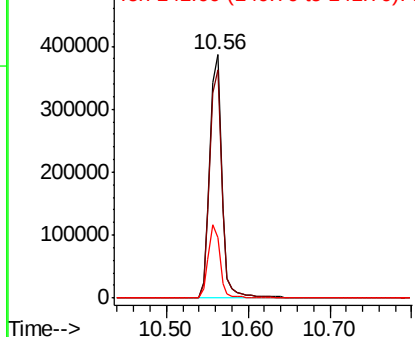


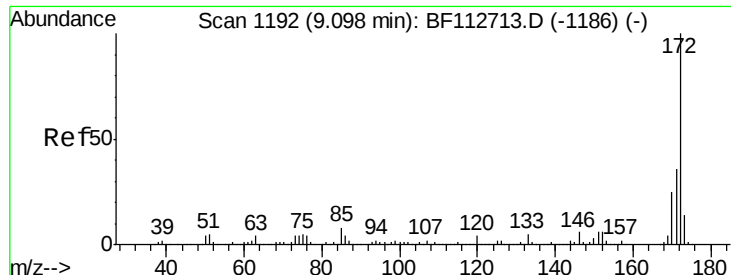
#42
 2,4,6-Tribromophenol
 Concen: 130.710 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112852.D
 Acq: 5 Mar 2019 13:41

Tgt Ion:330 Resp: 400934
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 29.8 27.0 40.6



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

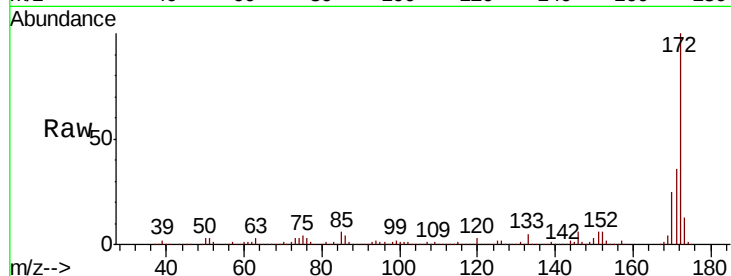




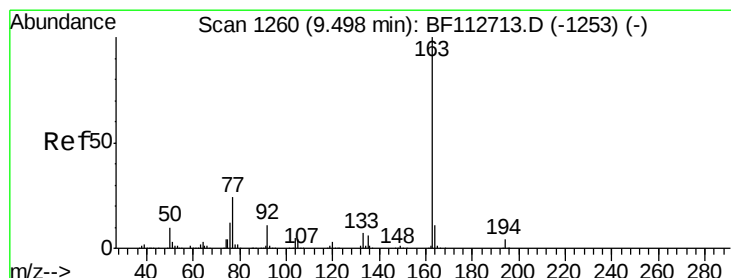
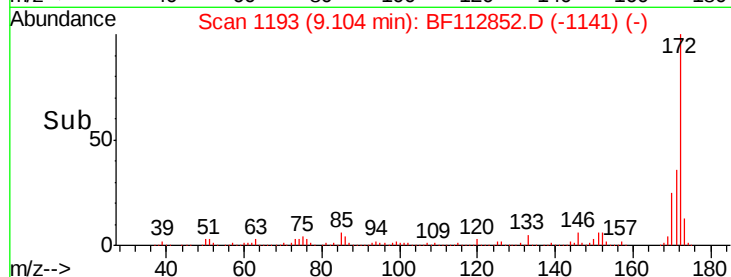
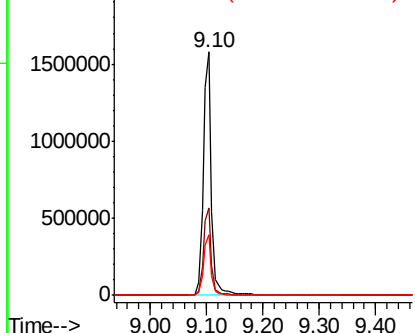
#45
2-Fluorobiphenyl
Concen: 93.571 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PST-028-SW003-022719

Tot Ion:172 Resp: 1588435
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.6 20.0 30.0

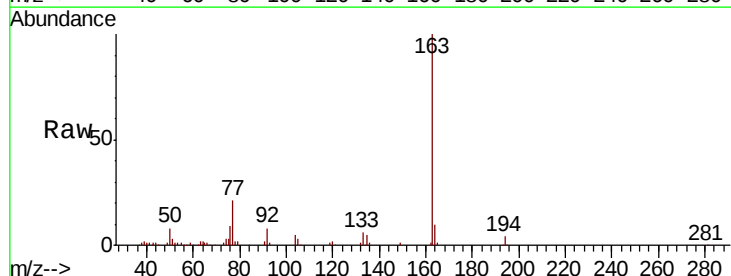


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

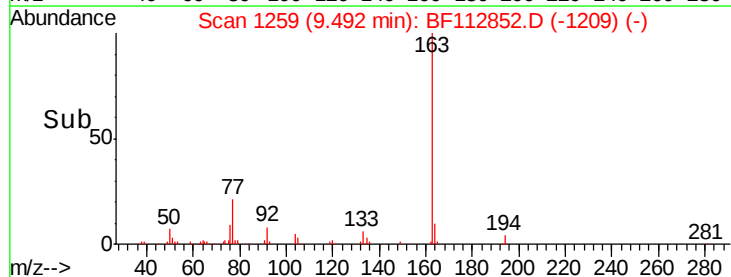
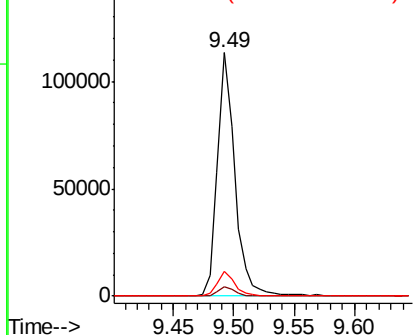


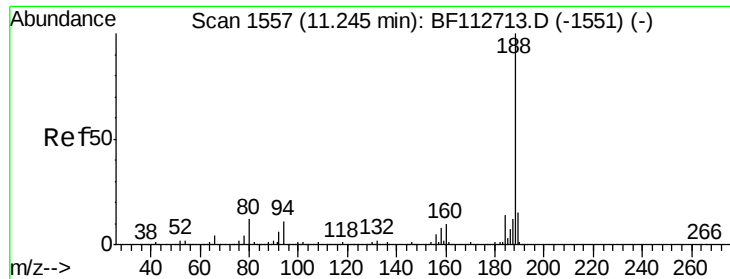
#50
Dimethylphthalate
Concen: 5.325 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112852.D
Acq: 5 Mar 2019 13:41

Tgt Ion:163 Resp: 113451
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.1 8.4 12.6



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: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PST-028-SW003-022719

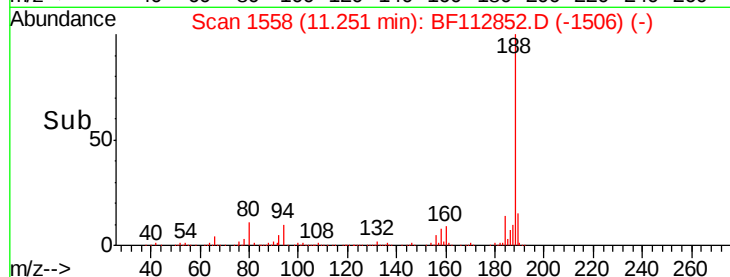
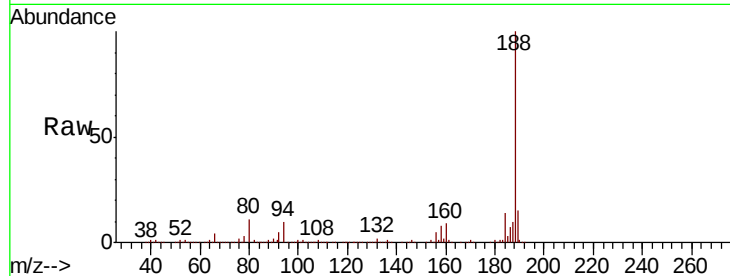
Tot Ion:188 Resp: 528836

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

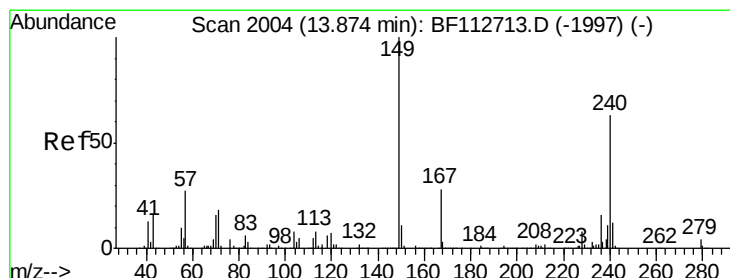
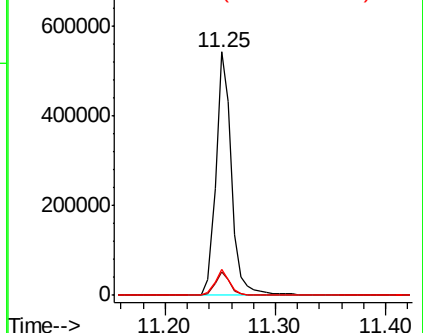
80 10.7 9.2 13.8



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: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112852.D

Acq: 5 Mar 2019 13:41

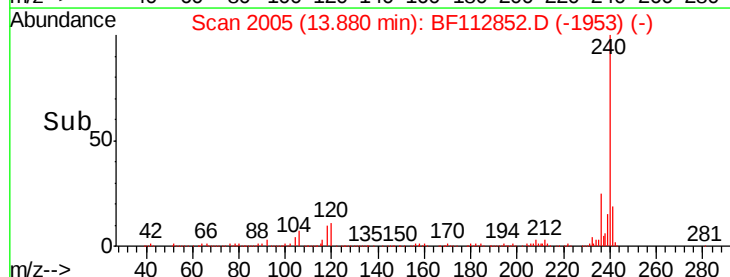
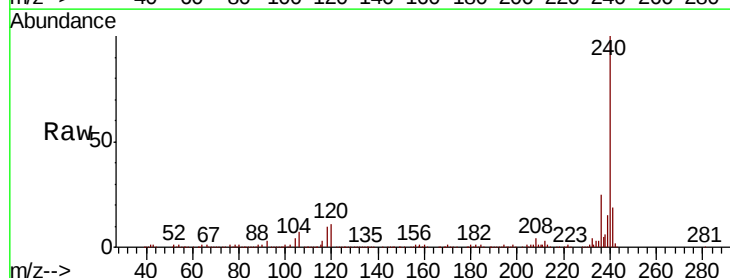
Tgt Ion:240 Resp: 400880

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

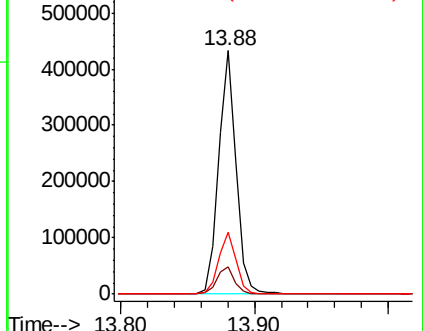
236 25.3 20.7 31.1

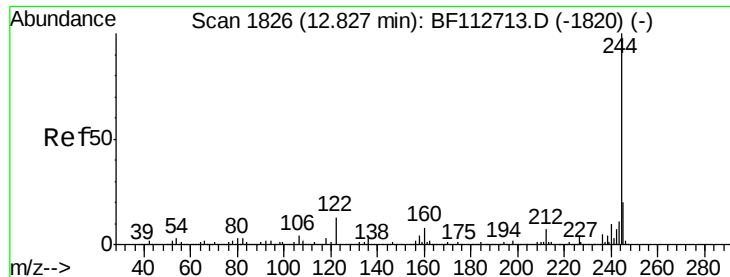


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

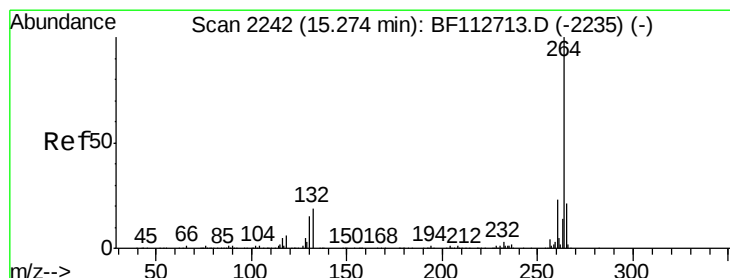
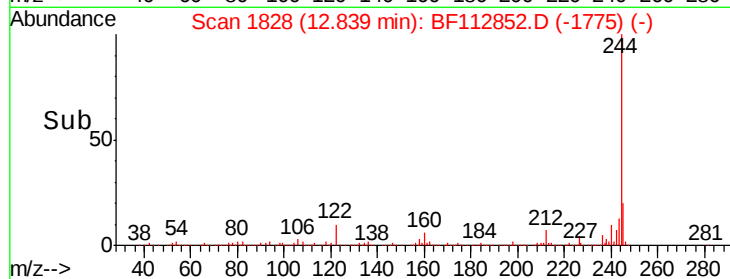
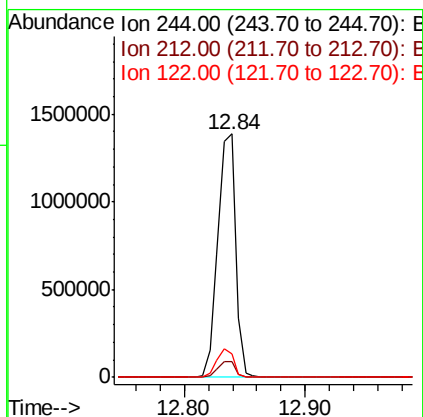
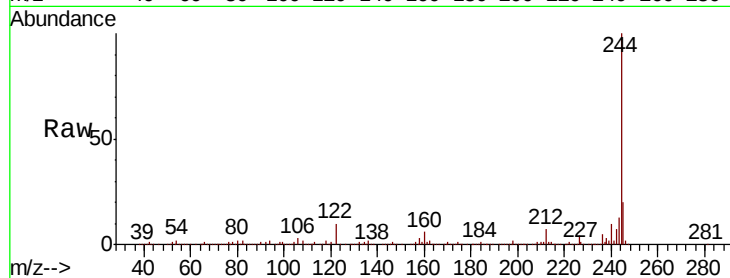




#79
 Terphenyl-d14
 Concen: 68.009 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF112852.D
 Acq: 5 Mar 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-SW003-022719

Tot Ion:244 Resp: 1406415
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.6 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.02 min
 Lab File: BF112852.D
 Acq: 5 Mar 2019 13:41

Tgt Ion:264 Resp: 427961
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 22.5 17.2 25.8

