

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113679.D
 Acq On : 10 Apr 2019 2:04
 Operator : JU/SJ
 Sample : K2338-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-SHALLOW

Quant Time: Apr 10 07:25:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	98771	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	368369	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	169611	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	311316	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	259043	20.00	ng	-0.02
87) Perylene-d12	15.23	264	257996	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	692889	119.62	ng	0.00
7) Phenol-d6	6.33	99	809831	113.44	ng	-0.01
23) Nitrobenzene-d5	7.25	82	600570	95.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	283744	139.26	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1107385	105.11	ng	-0.02
79) Terphenyl-d14	12.77	244	1065900	83.78	ng	-0.02

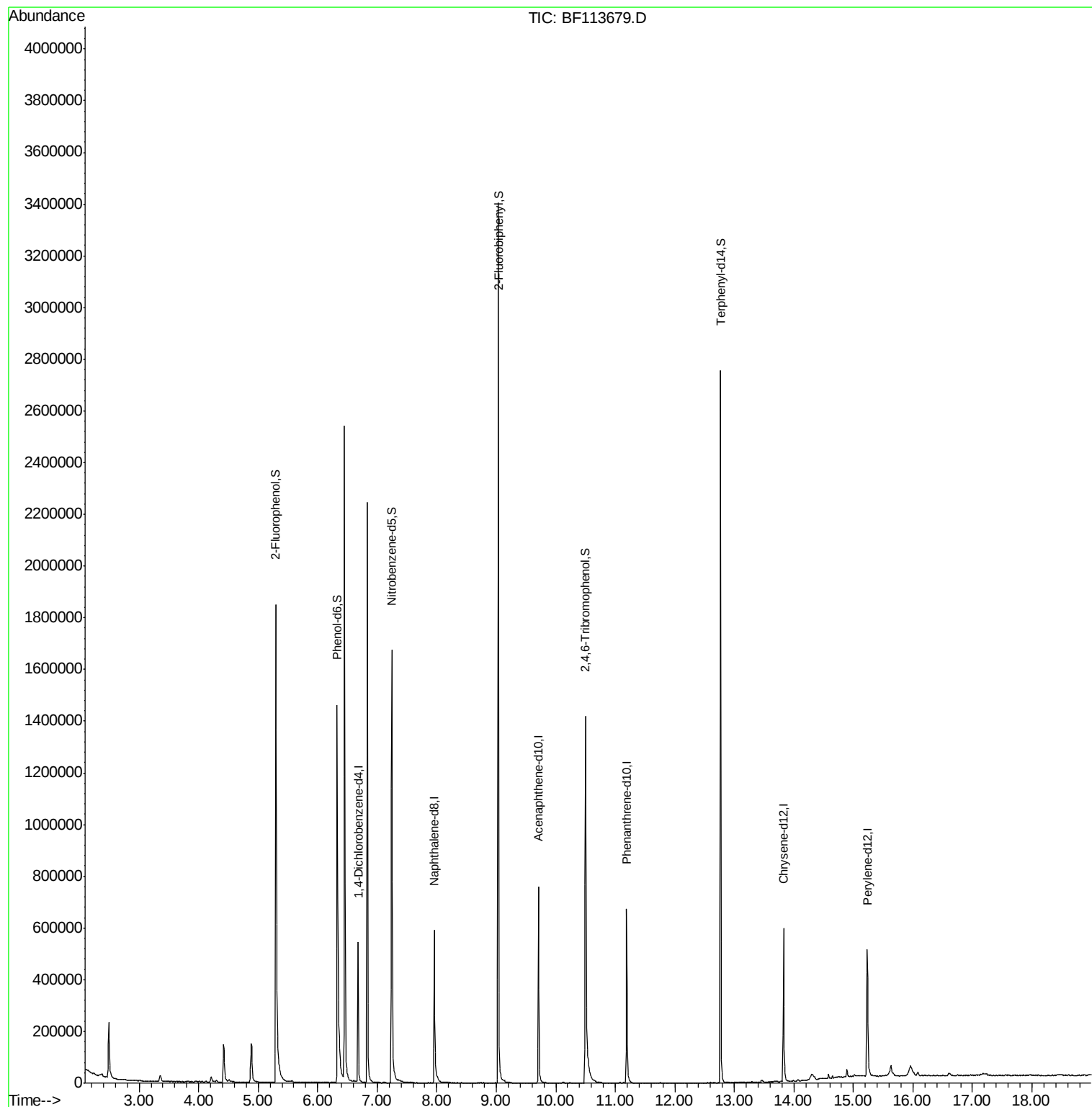
Target Compounds	Qvalue
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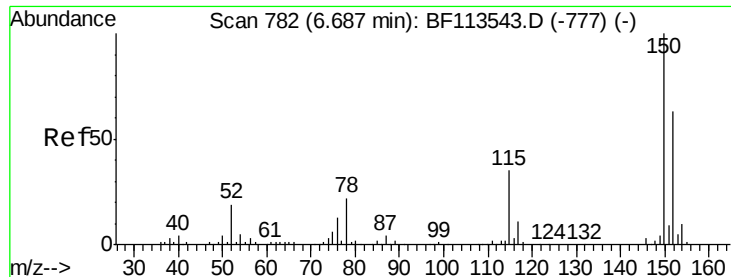
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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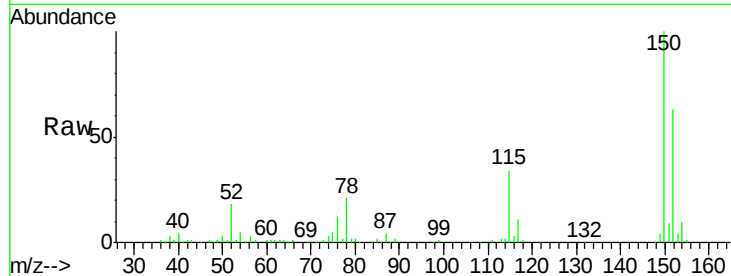


#1

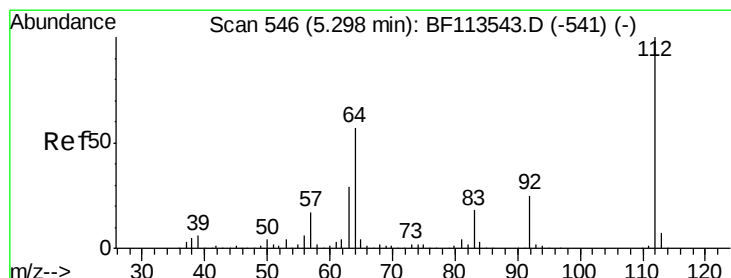
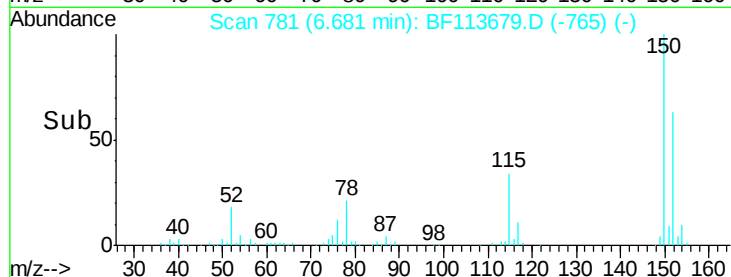
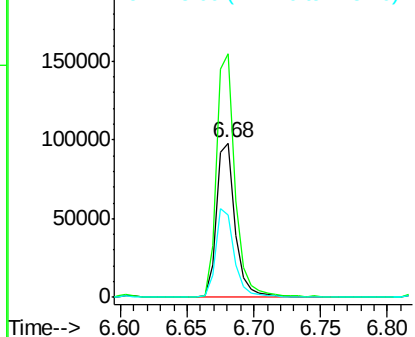
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113679.D
Acq: 10 Apr 2019 2:04

Instrument :
BNA_F
ClientSampleId :
TP-1-SHALLOW

Tgt Ion:152 Resp: 98771
Ion Ratio Lower Upper
152 100
150 157.7 124.7 187.1
115 53.5 46.0 69.0



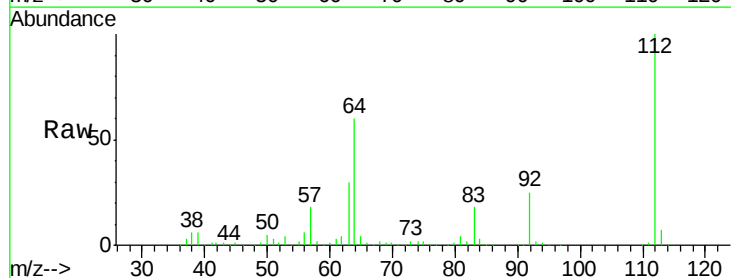
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



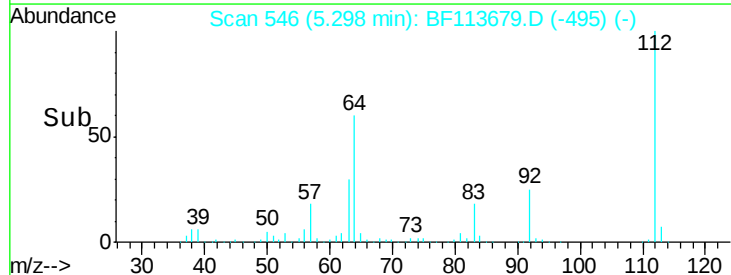
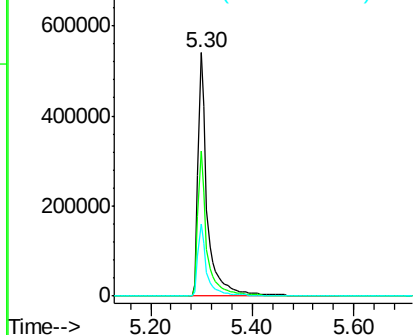
#5

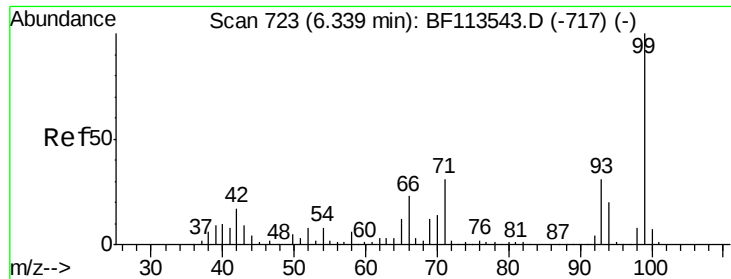
2-Fluorophenol
Concen: 119.624 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113679.D
Acq: 10 Apr 2019 2:04

Tgt Ion:112 Resp: 692889
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 29.7 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: 113.438 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113679.D

Acq: 10 Apr 2019 2:04

Instrument :

BNA_F

ClientSampleId :

TP-1-SHALLOW

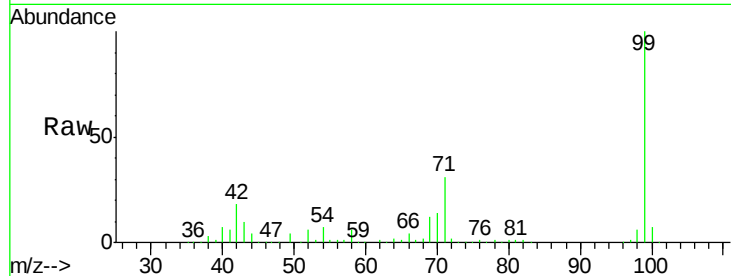
Tgt Ion: 99 Resp: 809831

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

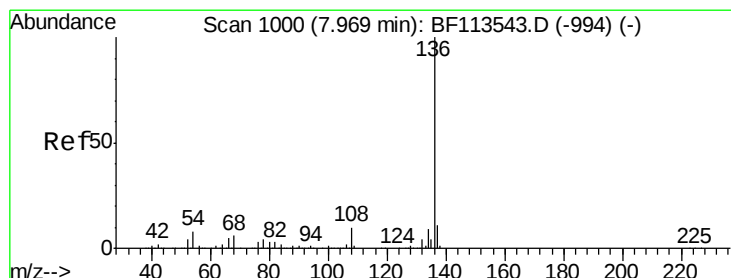
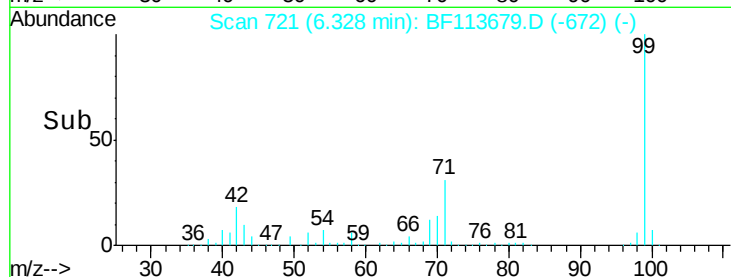
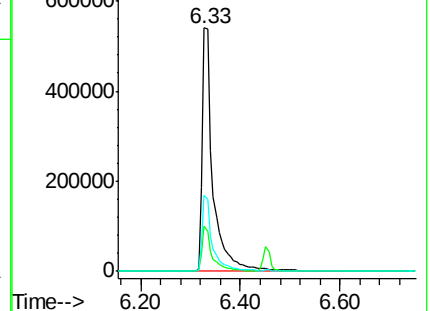
71 31.4 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113679.D

Acq: 10 Apr 2019 2:04

Tgt Ion: 136 Resp: 368369

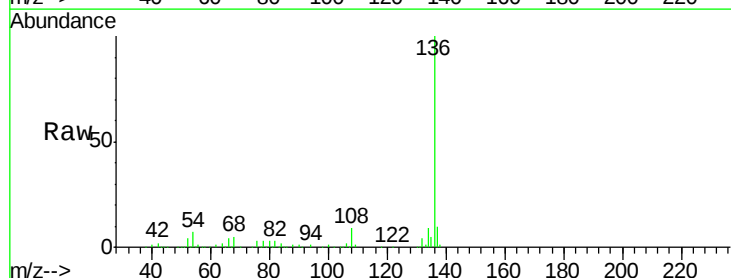
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.4 7.0 10.6

68 5.3 4.8 7.2

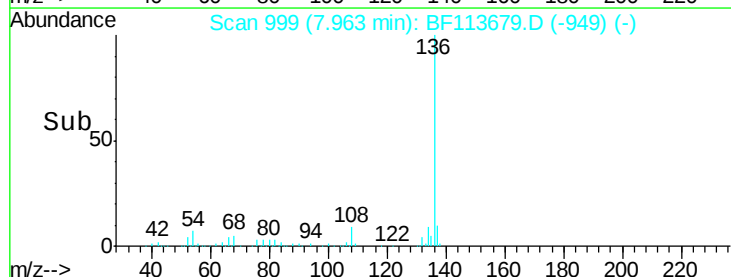
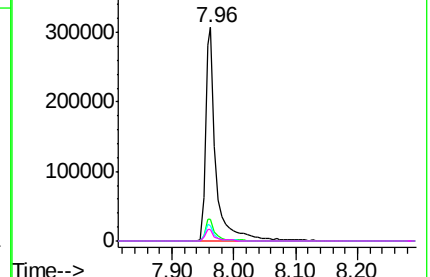


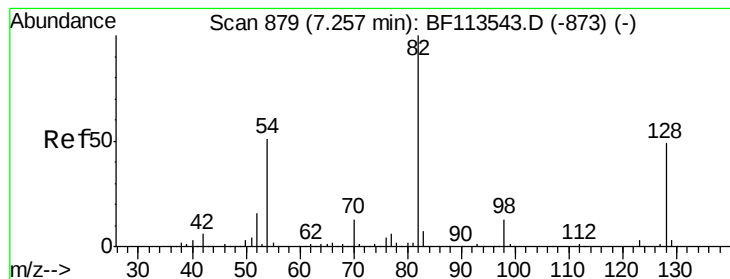
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.498 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113679.D

Acq: 10 Apr 2019 2:04

Instrument :

BNA_F

ClientSampleId :

TP-1-SHALLOW

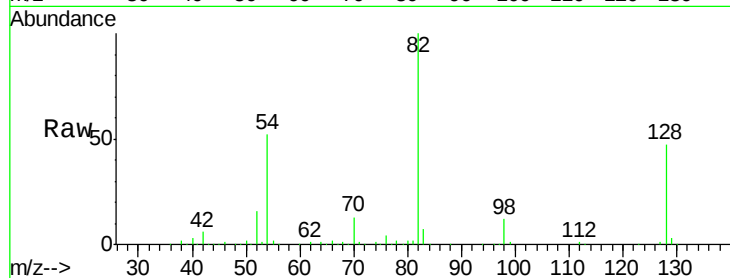
Tgt Ion: 82 Resp: 600570

Ion Ratio Lower Upper

82 100

128 47.3 36.5 54.7

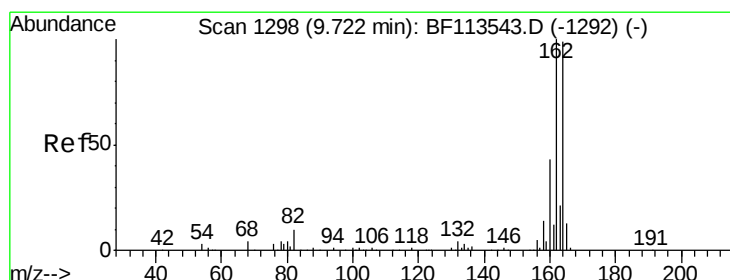
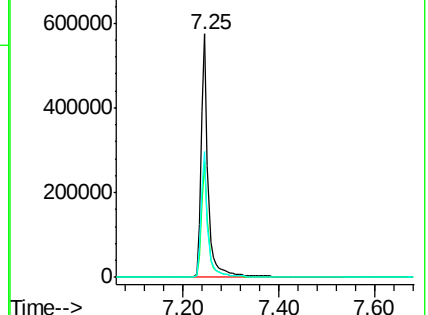
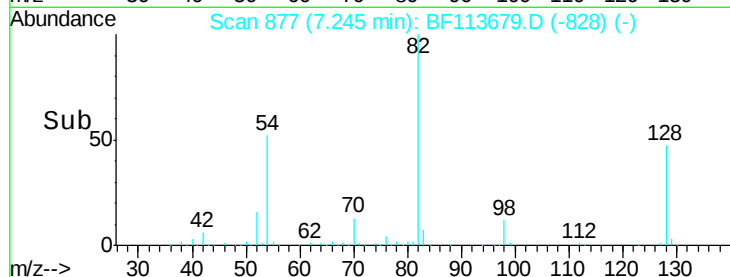
54 51.8 42.2 63.2



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113679.D

Acq: 10 Apr 2019 2:04

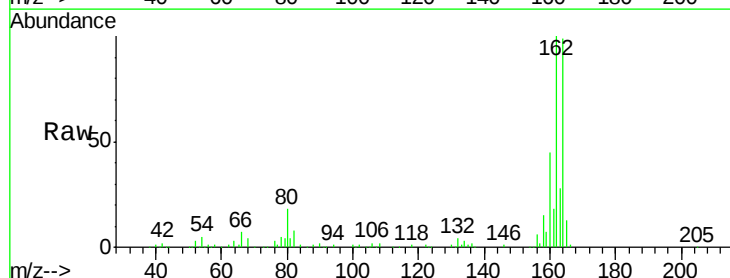
Tgt Ion: 164 Resp: 169611

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

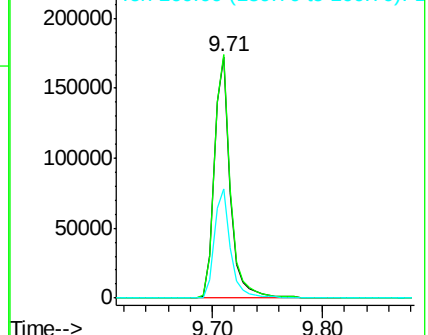
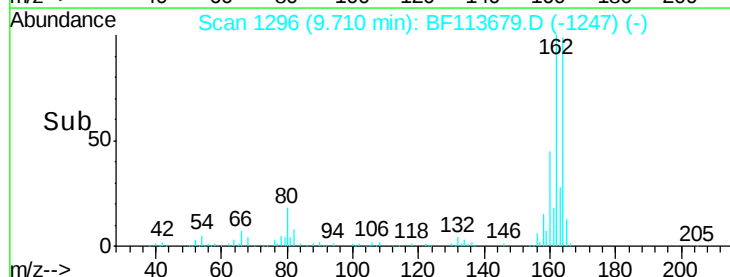
160 45.3 36.4 54.6

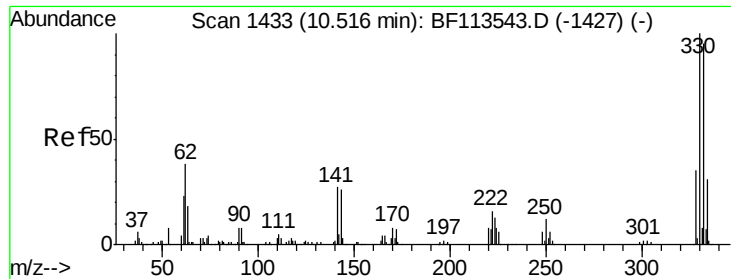


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

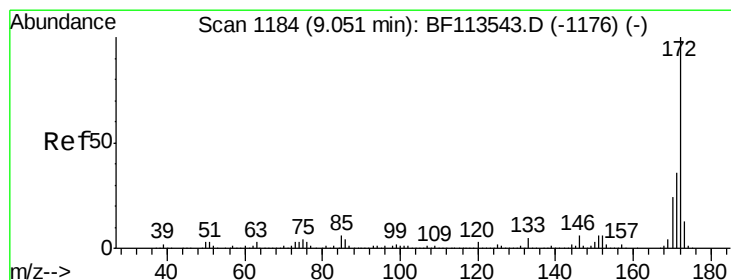
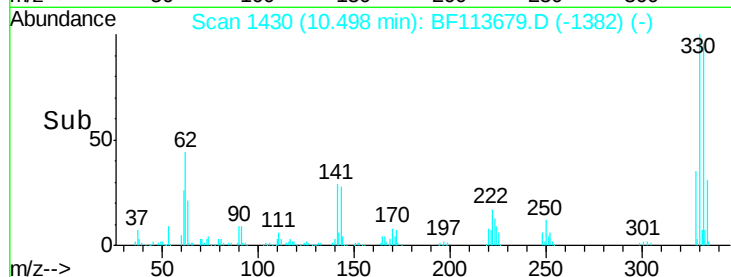
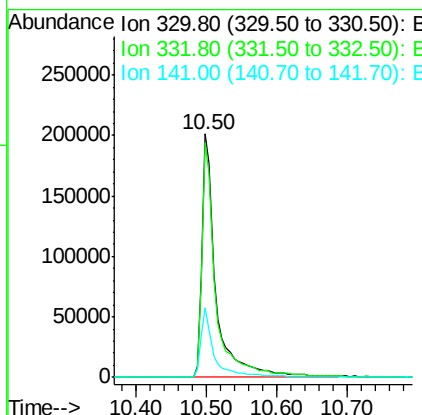
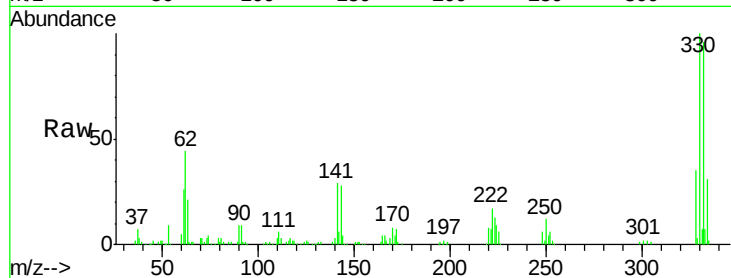




#42
 2,4,6-Tribromophenol
 Concen: 139.265 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113679.D
 Acq: 10 Apr 2019 2:04

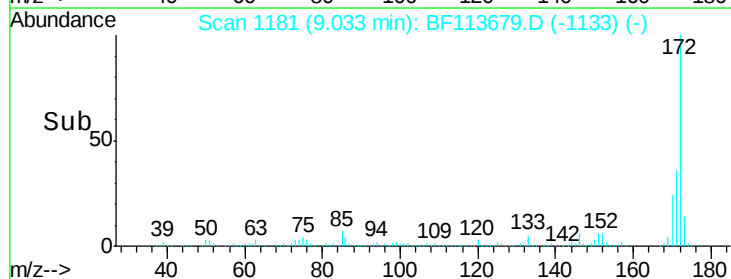
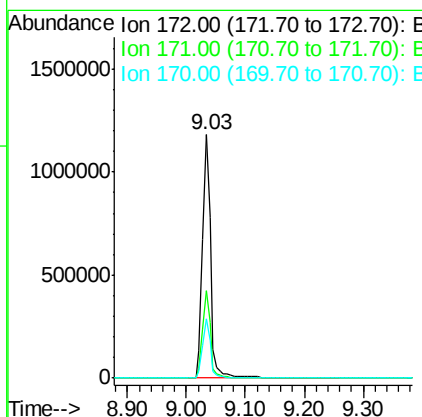
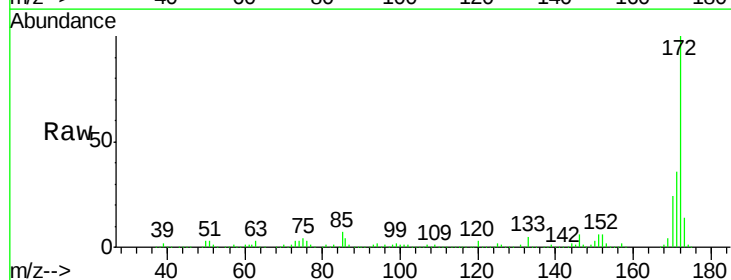
Instrument :
 BNA_F
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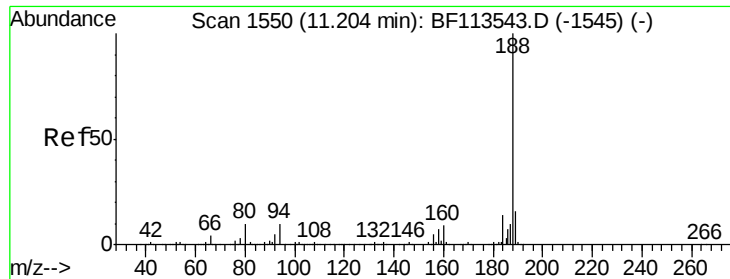
Tgt Ion:330 Resp: 283744
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.6
 141 27.1 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 105.109 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113679.D
 Acq: 10 Apr 2019 2:04

Tgt Ion:172 Resp: 1107385
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.4 19.5 29.3

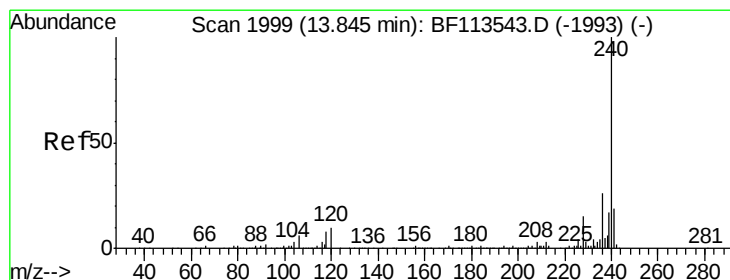
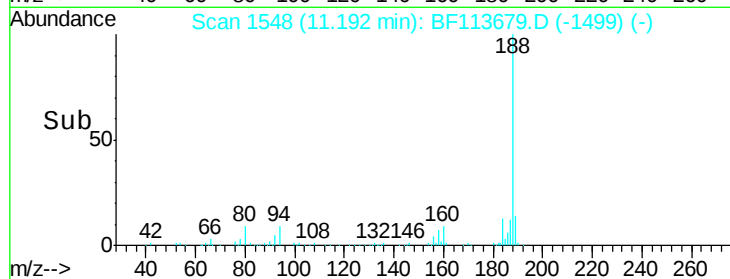
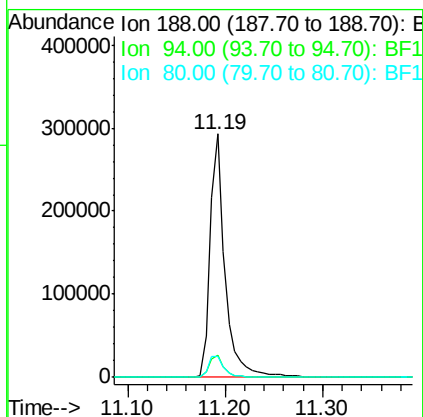
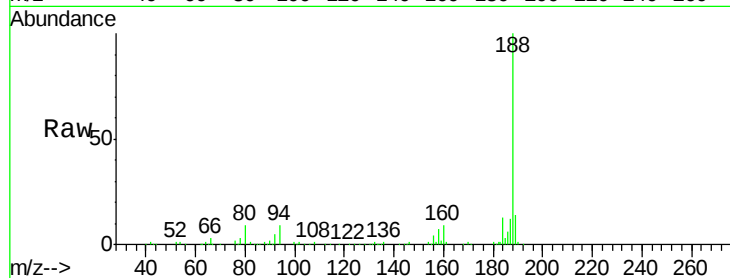




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113679.D
Acq: 10 Apr 2019 2:04

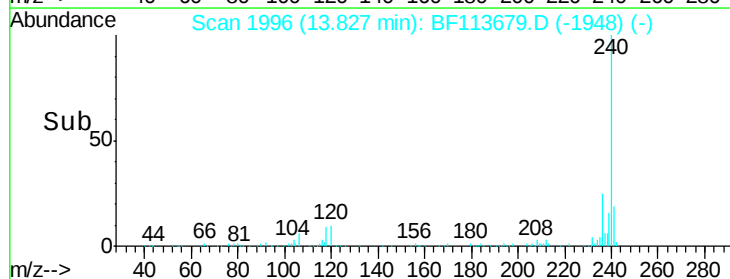
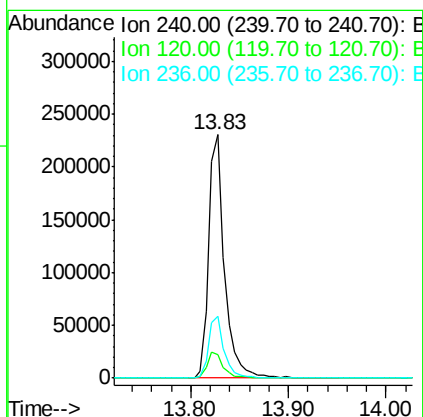
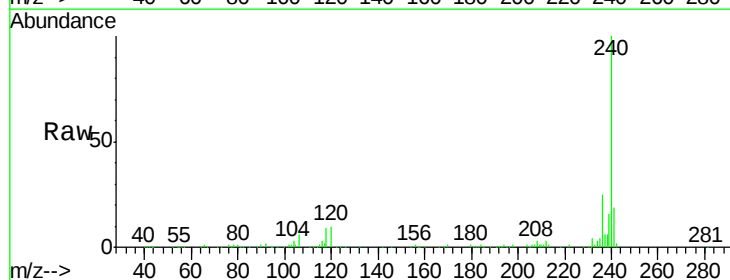
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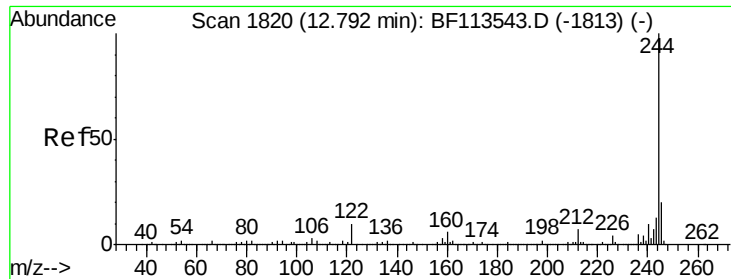
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	8.7	7.7	11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113679.D
Acq: 10 Apr 2019 2:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.8	13.2
236	25.2	20.9	31.3

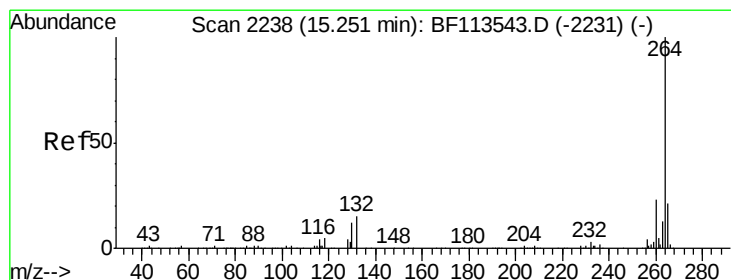
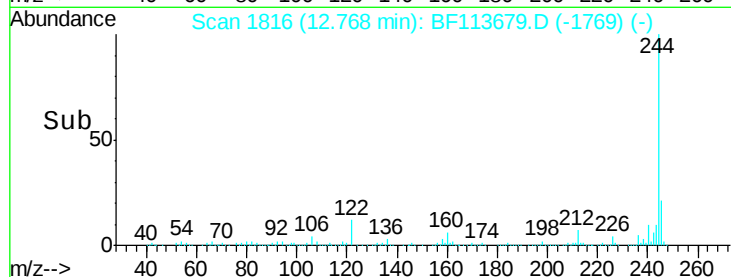
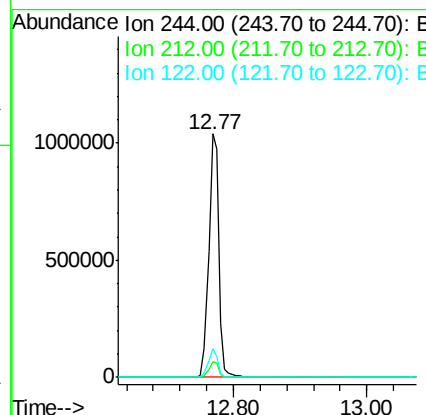
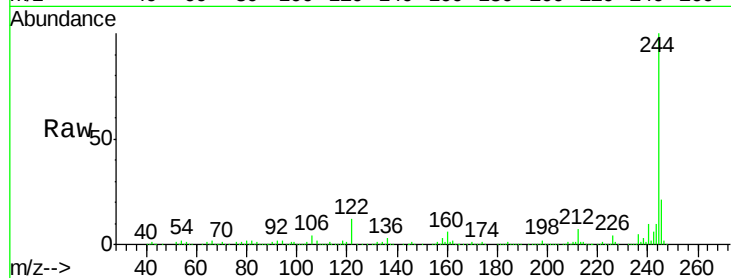




#79
 Terphenyl-d14
 Concen: 83.777 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113679.D
 Acq: 10 Apr 2019 2:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-SHALLOW

Tgt Ion:244 Resp: 1065900
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.5 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113679.D
 Acq: 10 Apr 2019 2:04

Tgt Ion:264 Resp: 257996
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.2 17.1 25.7

