

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113683.D
 Acq On : 10 Apr 2019 4:06
 Operator : JU/SJ
 Sample : K2338-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-SHALLOW

Quant Time: Apr 10 07:34:04 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	113177	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	417695	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	194640	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	361693	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	308733	20.00	ng	-0.02
87) Perylene-d12	15.23	264	298815	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	721993	108.78	ng	0.00
7) Phenol-d6	6.33	99	843166	103.07	ng	-0.01
23) Nitrobenzene-d5	7.25	82	630350	88.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	293507	125.53	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1162514	96.15	ng	-0.02
79) Terphenyl-d14	12.77	244	1152488	76.00	ng	-0.02

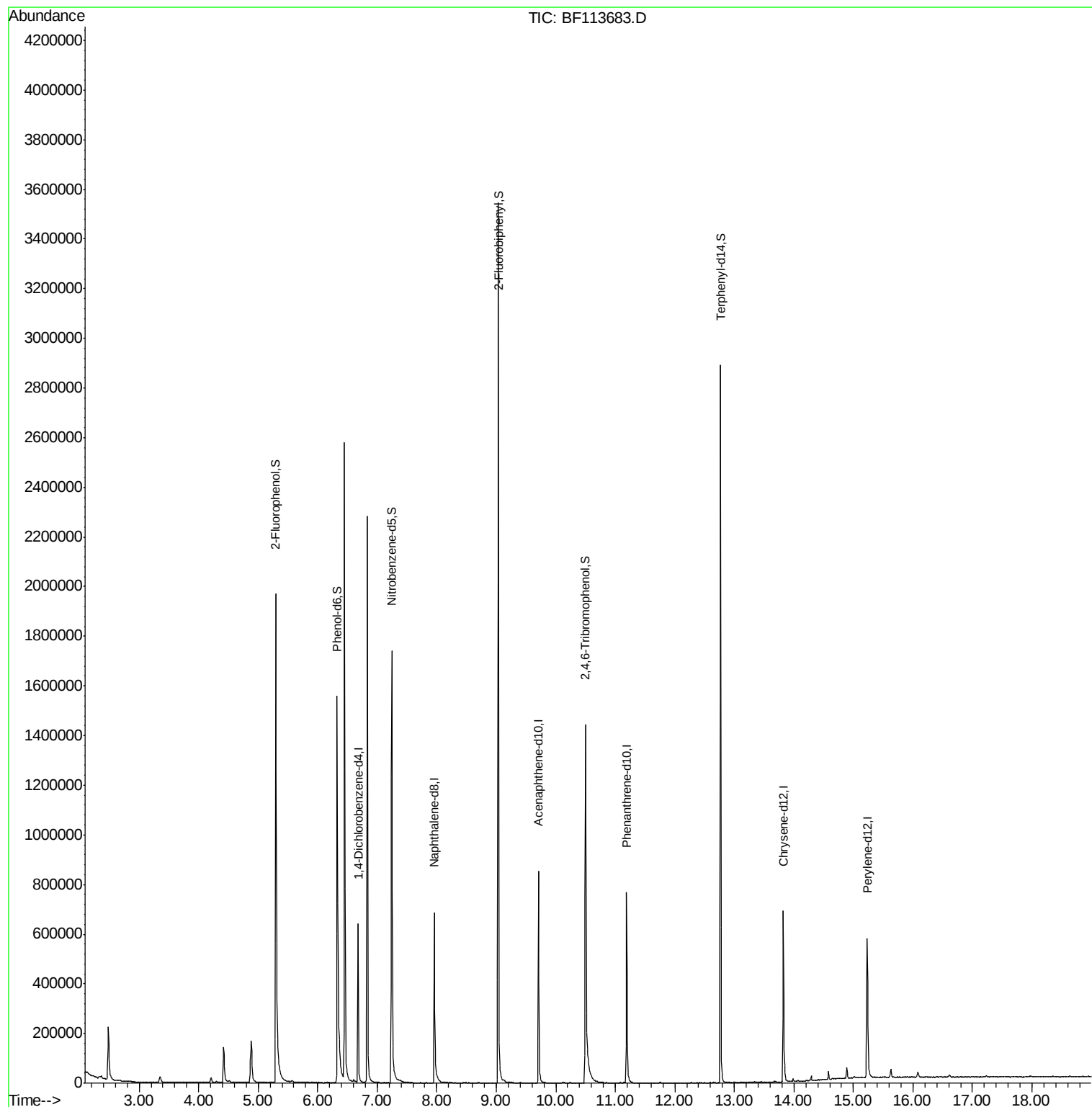
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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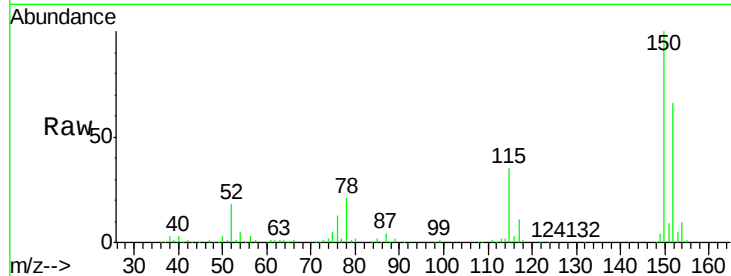


#1

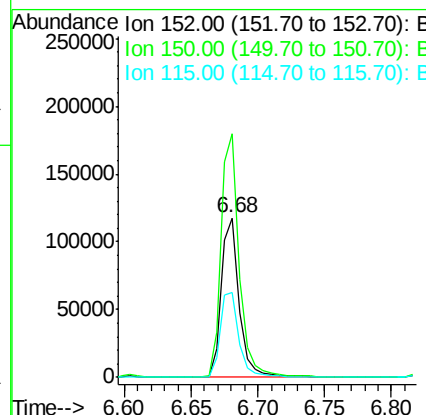
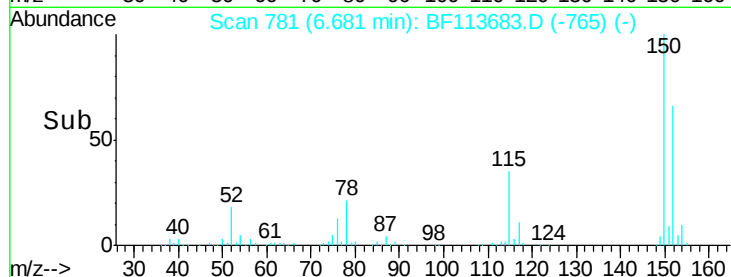
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113683.D
 Acq: 10 Apr 2019 4:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-SHALLOW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.7	187.1
115	53.2	46.0	69.0



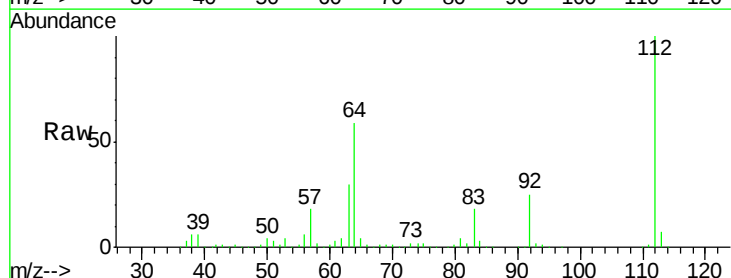
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



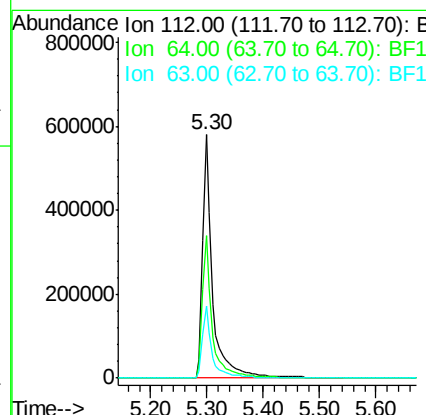
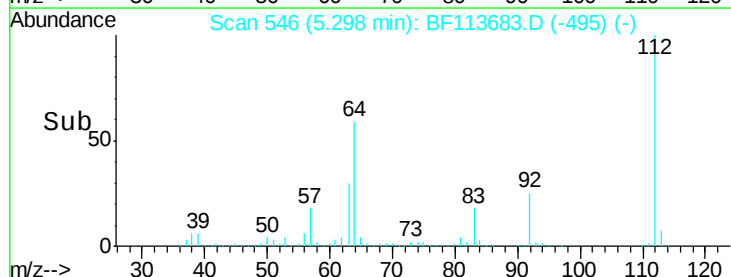
#5

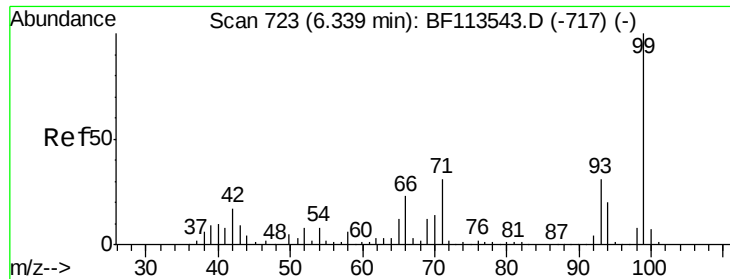
2-Fluorophenol
 Concen: 108.782 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF113683.D
 Acq: 10 Apr 2019 4:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	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: 103.074 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

Instrument :

BNA_F

ClientSampleId :

TP-3-SHALLOW

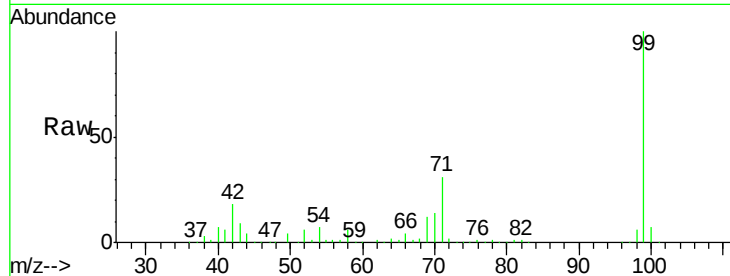
Tgt Ion: 99 Resp: 843166

Ion Ratio Lower Upper

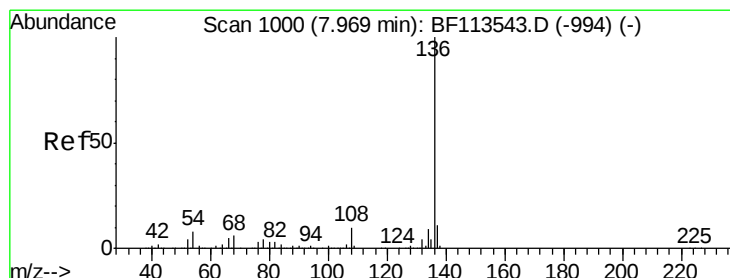
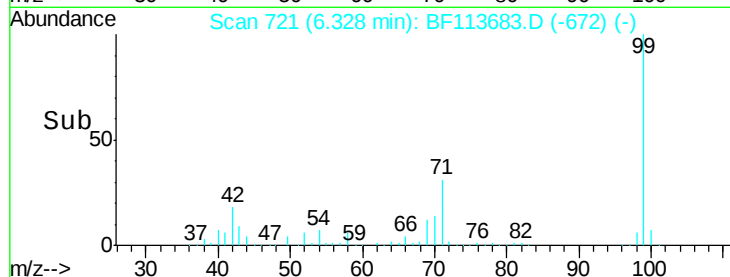
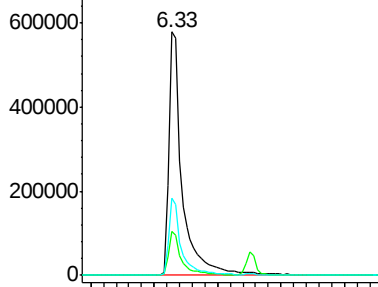
99 100

42 18.2 14.8 22.2

71 31.5 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: BF113683.D

Acq: 10 Apr 2019 4:06

Tgt Ion: 136 Resp: 417695

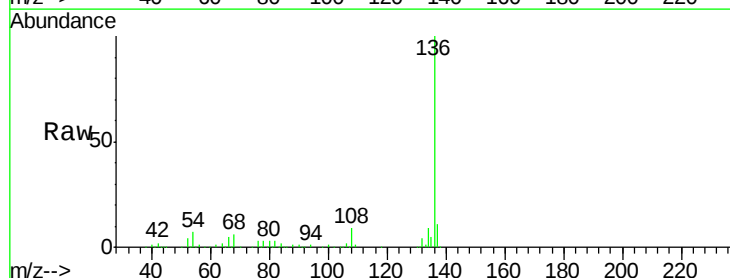
Ion Ratio Lower Upper

136 100

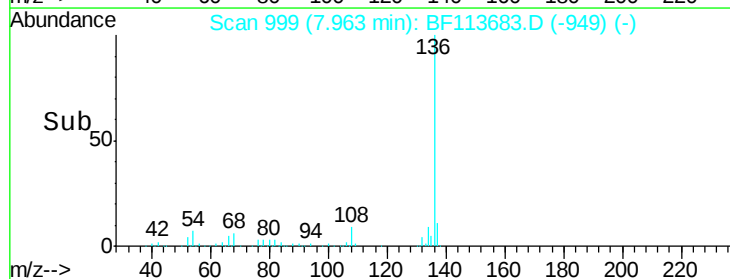
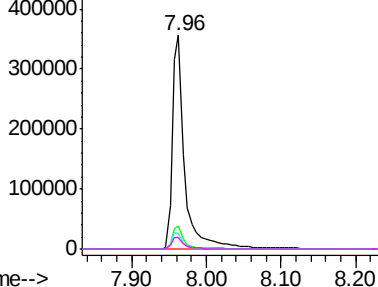
137 10.8 8.9 13.3

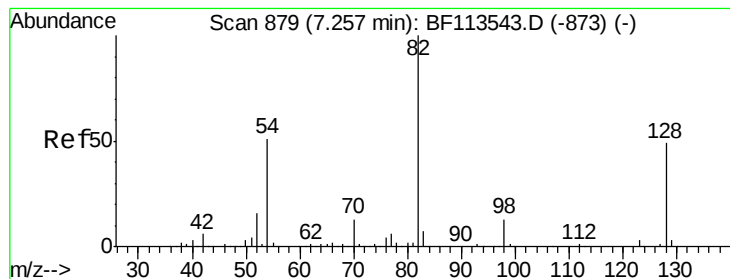
54 7.3 7.0 10.6

68 5.7 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: 88.397 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

Instrument :

BNA_F

ClientSampleId :

TP-3-SHALLOW

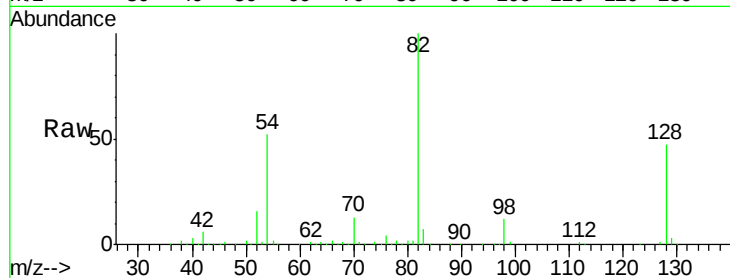
Tgt Ion: 82 Resp: 630350

Ion Ratio Lower Upper

82 100

128 46.8 36.5 54.7

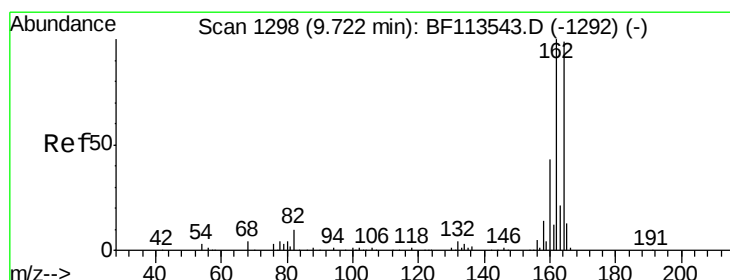
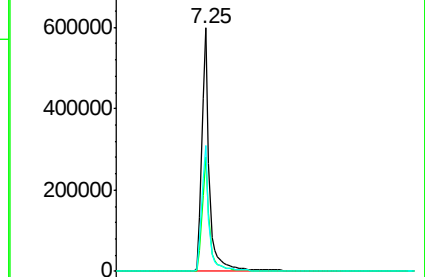
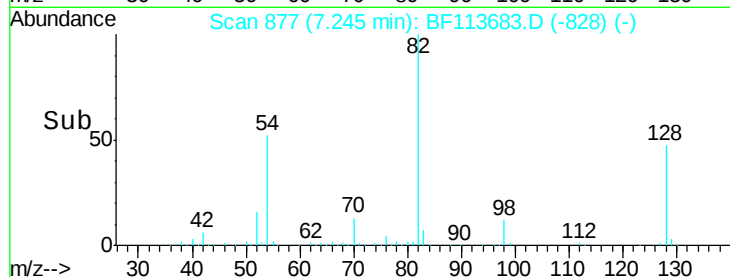
54 51.8 42.2 63.2



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: BF113683.D

Acq: 10 Apr 2019 4:06

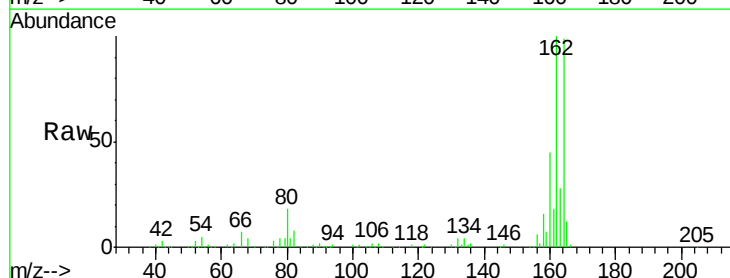
Tgt Ion: 164 Resp: 194640

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

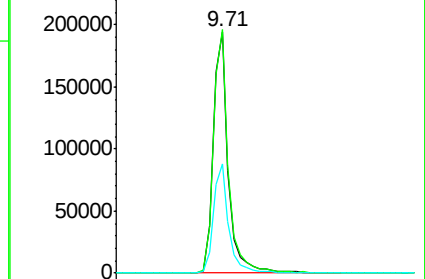
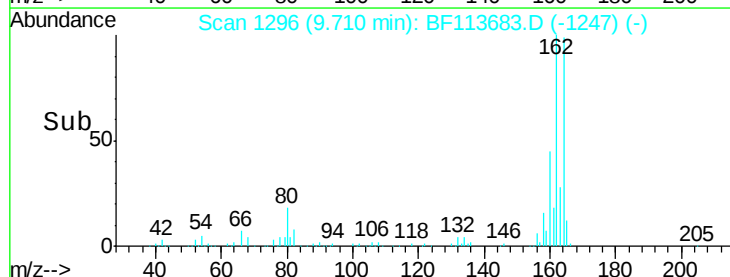
160 45.4 36.4 54.6



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

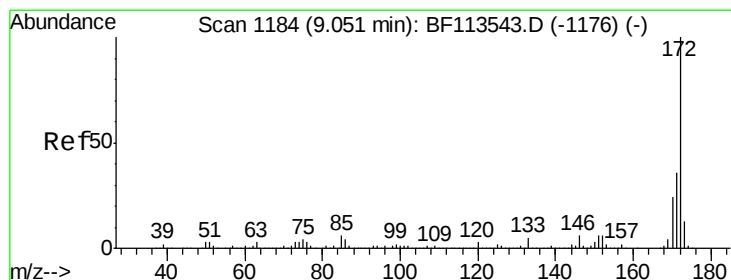
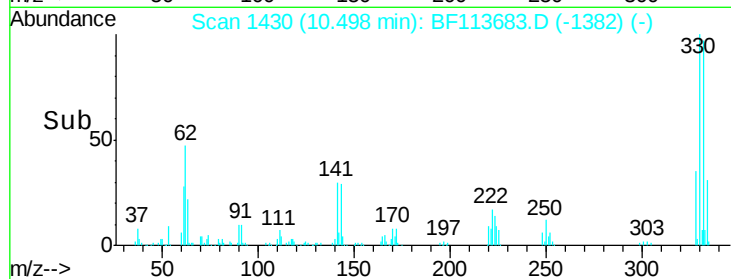
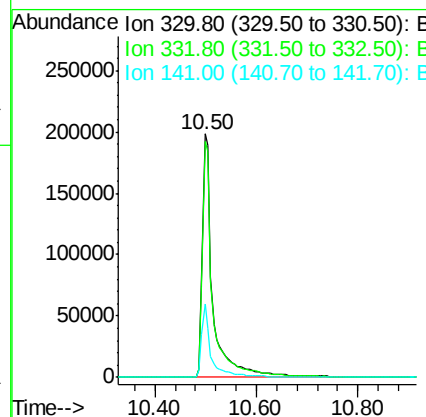
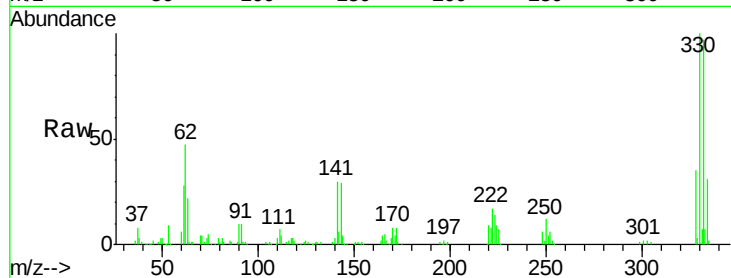




#42
 2,4,6-Tribromophenol
 Concen: 125.532 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113683.D
 Acq: 10 Apr 2019 4:06

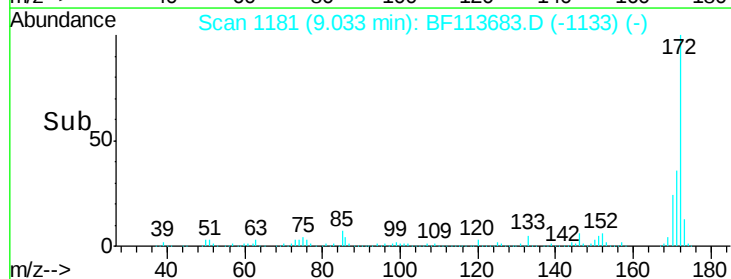
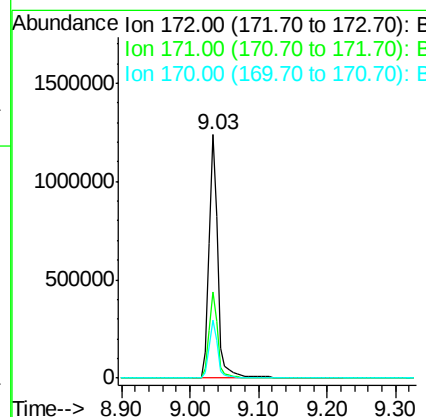
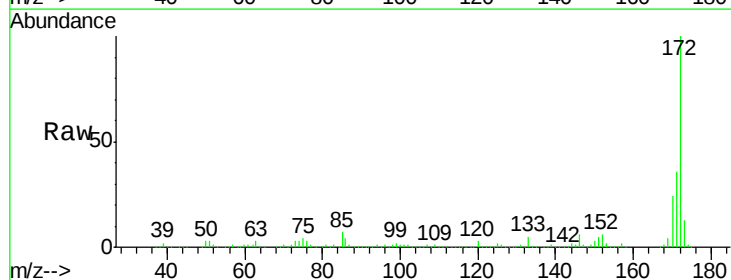
Instrument :
 BNA_F
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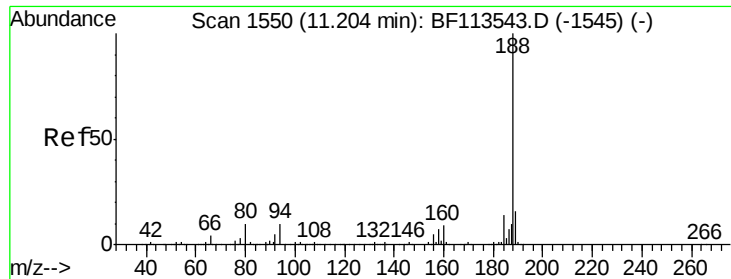
Tgt Ion:330 Resp: 293507
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.6
 141 26.9 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 96.153 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113683.D
 Acq: 10 Apr 2019 4:06

Tgt Ion:172 Resp: 1162514
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.7 19.5 29.3

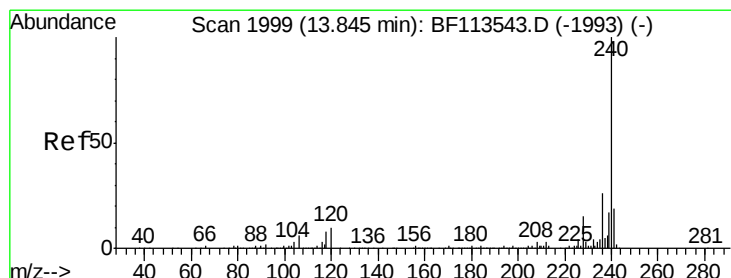
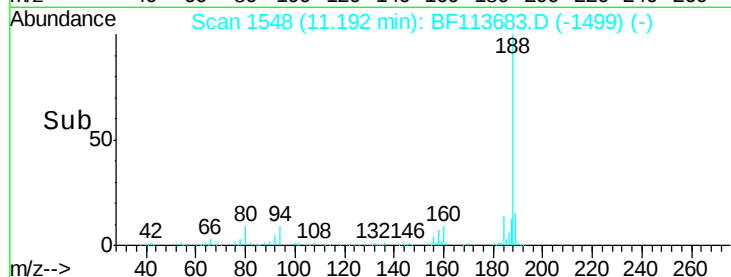
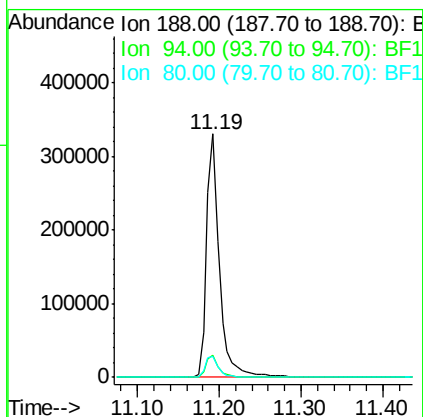
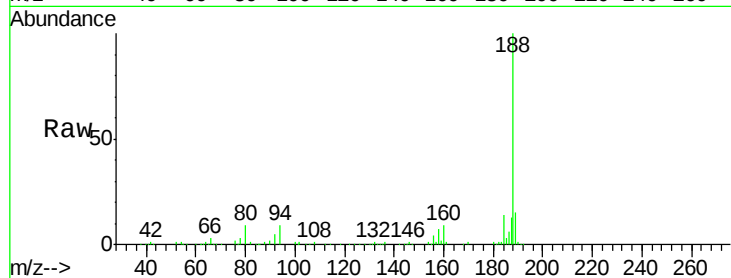




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113683.D
Acq: 10 Apr 2019 4:06

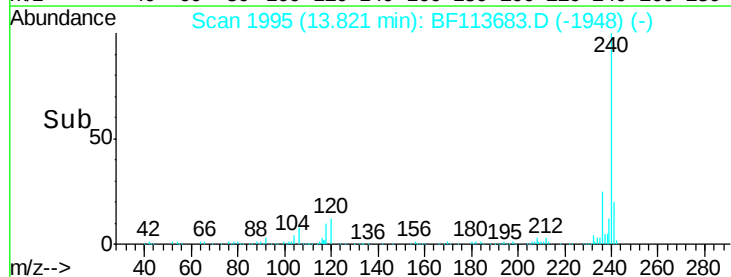
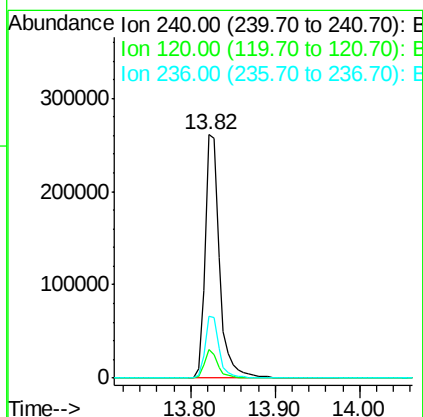
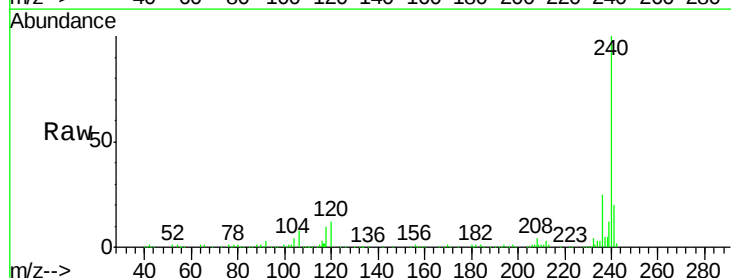
Instrument :
BNA_F
ClientSampleId :
TP-3-SHALLOW

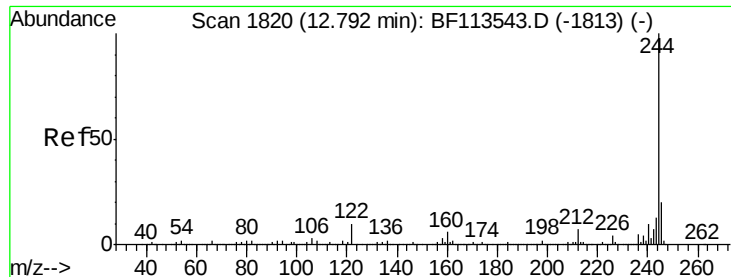
Tgt Ion:188 Resp: 361693
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 8.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113683.D
Acq: 10 Apr 2019 4:06

Tgt Ion:240 Resp: 308733
Ion Ratio Lower Upper
240 100
120 11.8 8.8 13.2
236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 76.004 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

Instrument :

BNA_F

ClientSampleId :

TP-3-SHALLOW

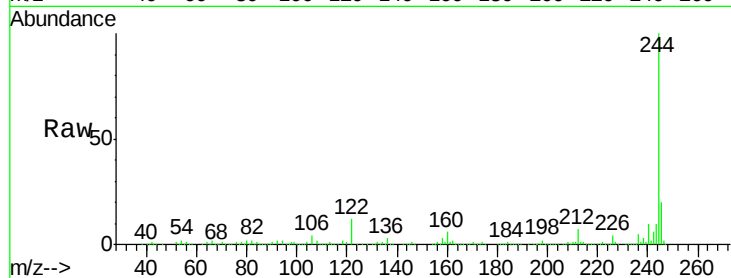
Tgt Ion:244 Resp: 1152488

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

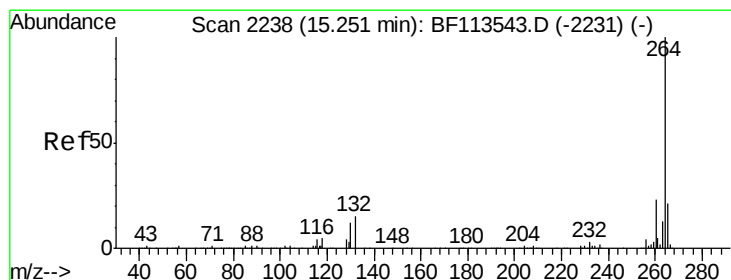
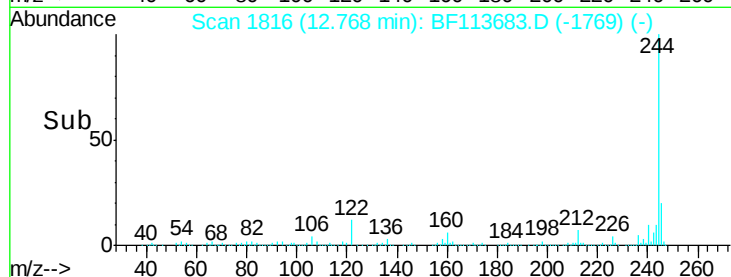
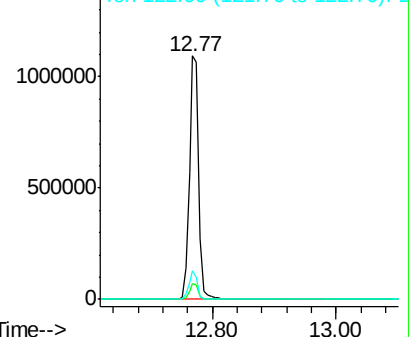
122 11.5 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113683.D

Acq: 10 Apr 2019 4:06

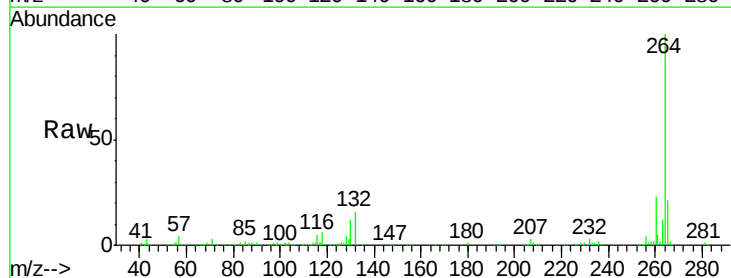
Tgt Ion:264 Resp: 298815

Ion Ratio Lower Upper

264 100

260 22.6 19.1 28.7

265 21.1 17.1 25.7



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

