

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113720.D
 Acq On : 11 Apr 2019 15:09
 Operator : JU/SJ
 Sample : K2342-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-D

Quant Time: Apr 12 01:49:14 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	6.67	152	118233	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	444359	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	213818	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	430776	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	284202	20.00	ng	-0.02
87) Perylene-d12	15.23	264	296249	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	731089	105.44	ng	0.00
7) Phenol-d6	6.33	99	861346	100.79	ng	-0.01
23) Nitrobenzene-d5	7.24	82	679063	89.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	326507	127.12	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1295600	97.55	ng	-0.02
79) Terphenyl-d14	12.77	244	1288024	92.27	ng	-0.02

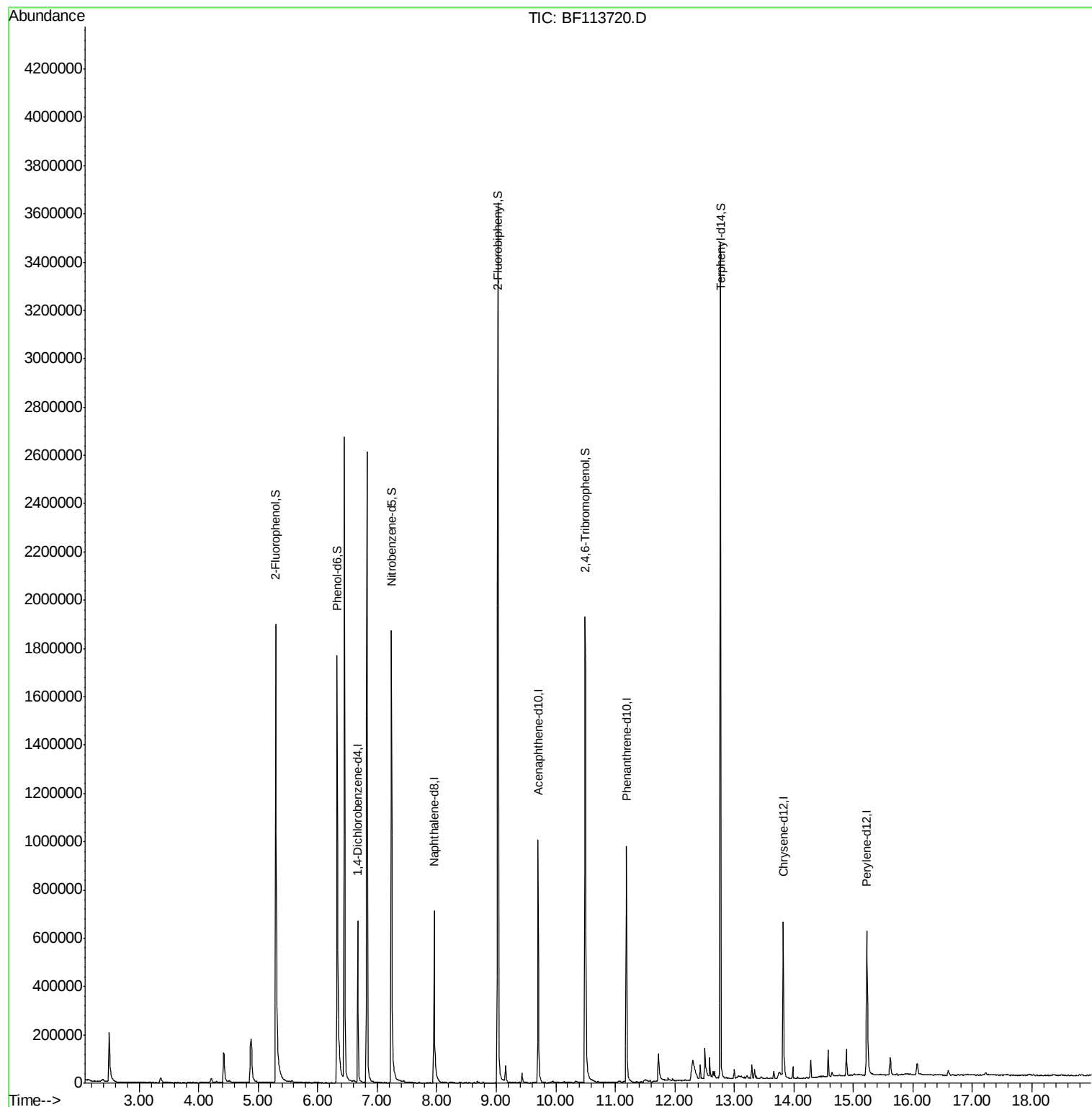
Target Compounds Qvalue

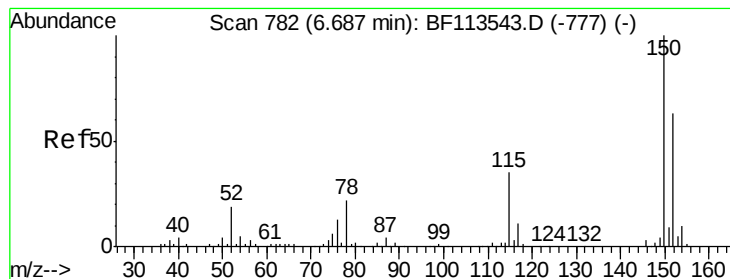
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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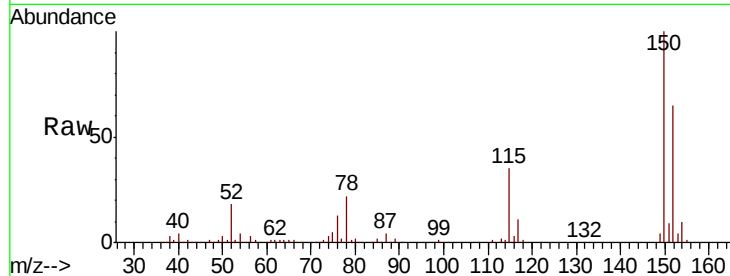


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF113720.D
 Acq: 11 Apr 2019 15:09

Instrument :
 BNA_F
 ClientSampled :
 TP-12-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.7	187.1
115	53.9	46.0	69.0

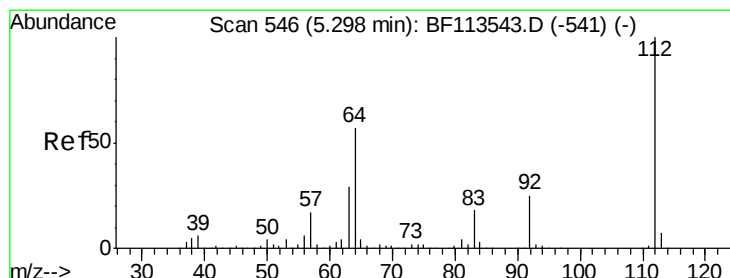
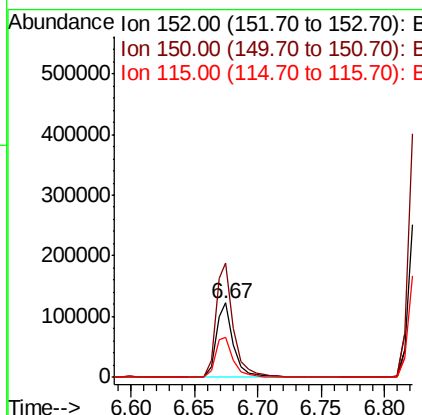
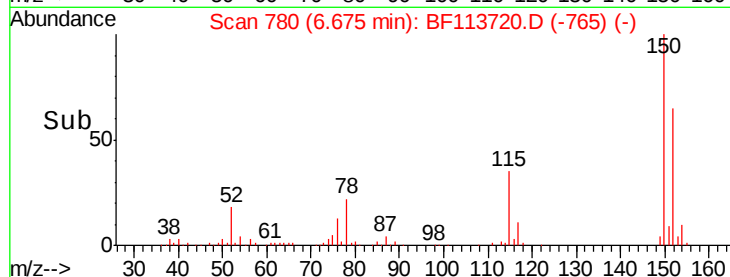


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

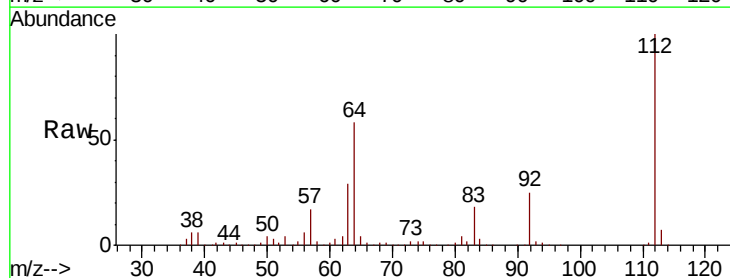
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 105.442 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113720.D
 Acq: 11 Apr 2019 15:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	49.2	73.8
63	29.0	24.9	37.3

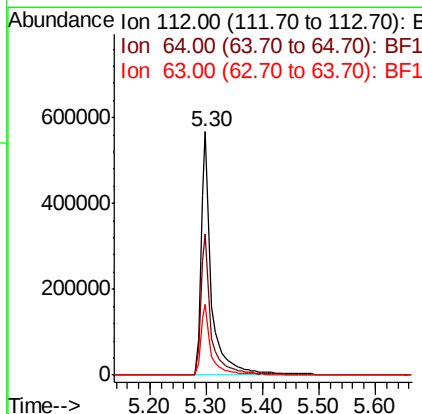
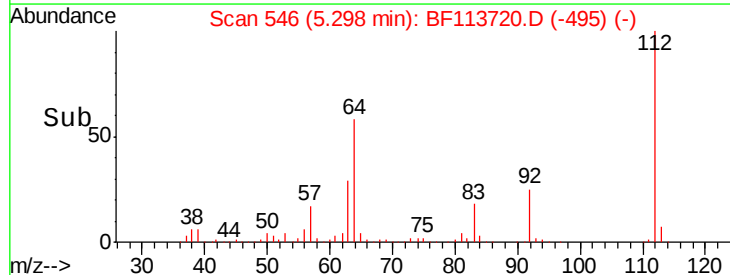


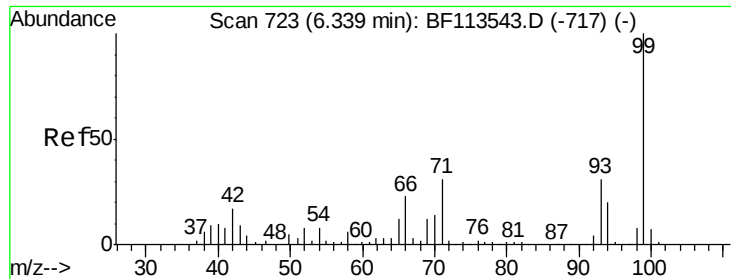
Abundance

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: 100.794 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113720.D

Acq: 11 Apr 2019 15:09

Instrument :

BNA_F

ClientSampleId :

TP-12-D

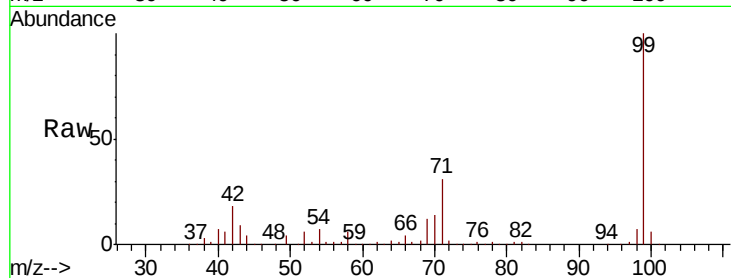
Tot Ion: 99 Resp: 861346

Ion Ratio Lower Upper

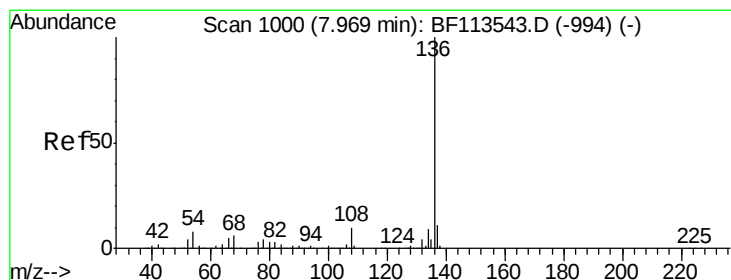
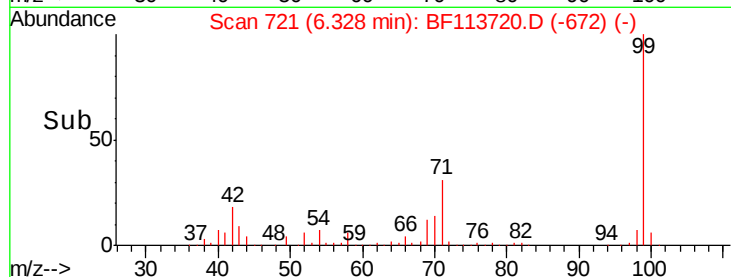
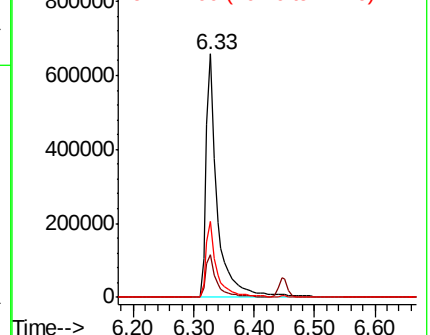
99 100

42 17.7 14.8 22.2

71 31.1 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# 998

Delta R.T. -0.01 min

Lab File: BF113720.D

Acq: 11 Apr 2019 15:09

Tgt Ion: 136 Resp: 444359

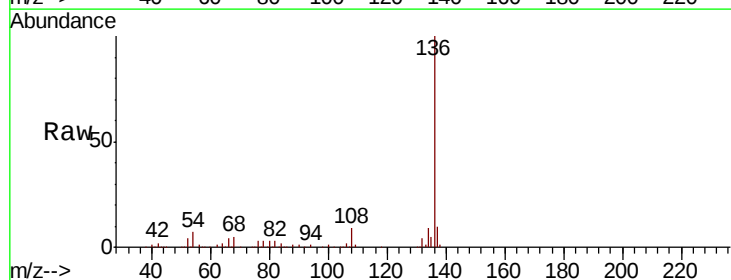
Ion Ratio Lower Upper

136 100

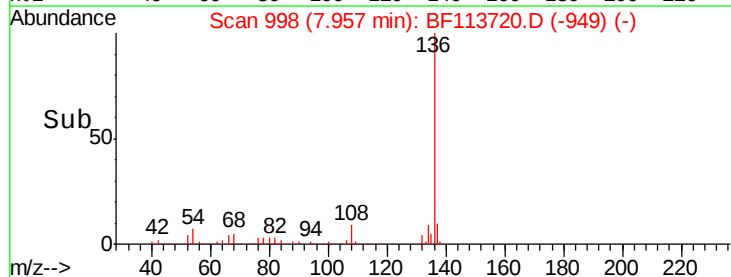
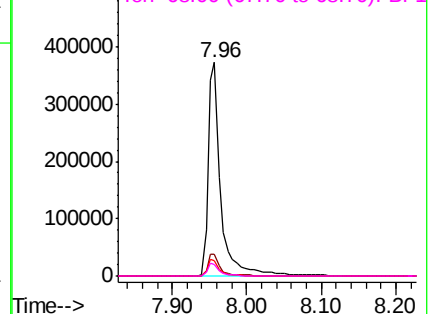
137 10.2 8.9 13.3

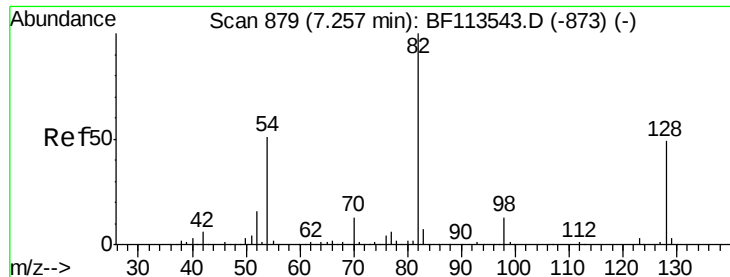
54 7.3 7.0 10.6

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

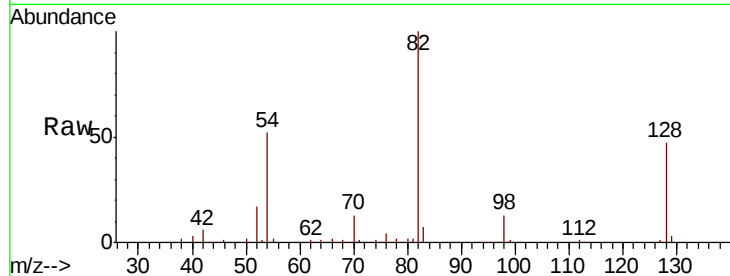




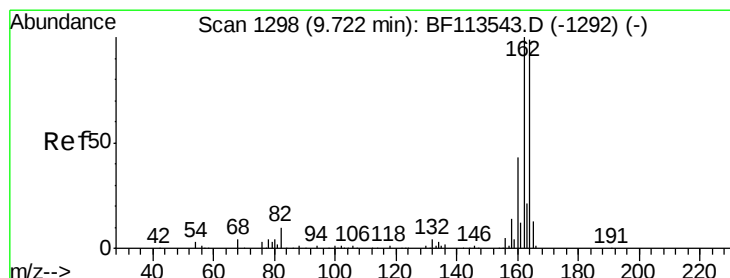
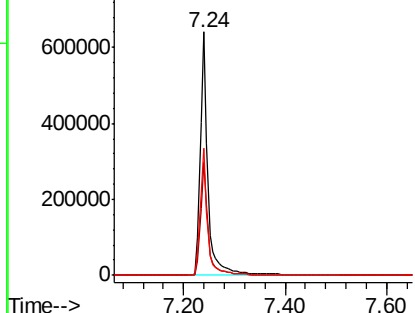
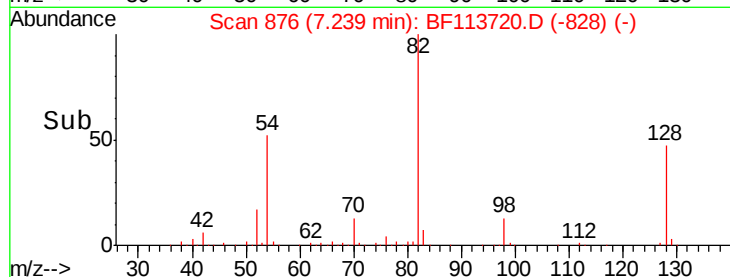
#23
 Nitrobenzene-d5
 Concen: 89.514 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF113720.D
 Acq: 11 Apr 2019 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-D

Tot Ion: 82 Resp: 679063
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.5 54.7
 54 52.3 42.2 63.2

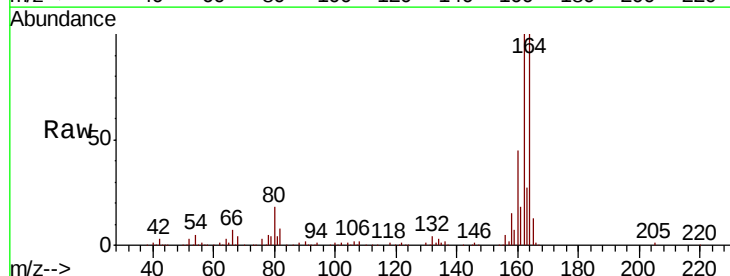


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

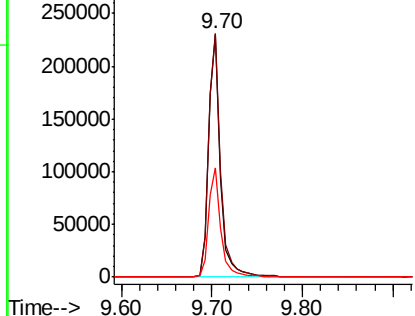
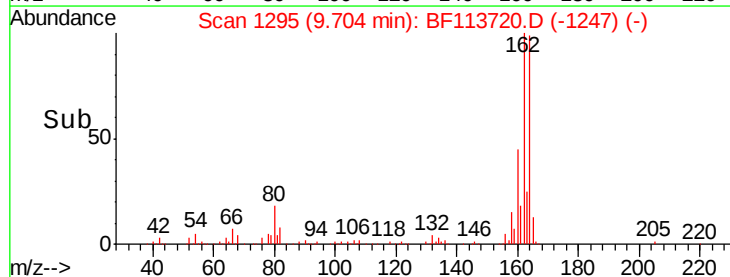


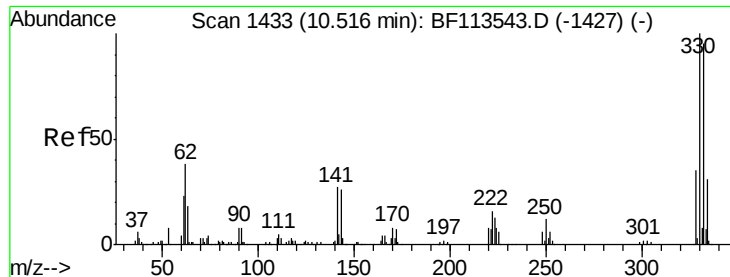
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113720.D
 Acq: 11 Apr 2019 15:09

Tgt Ion:164 Resp: 213818
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.8 122.6
 160 44.9 36.4 54.6



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

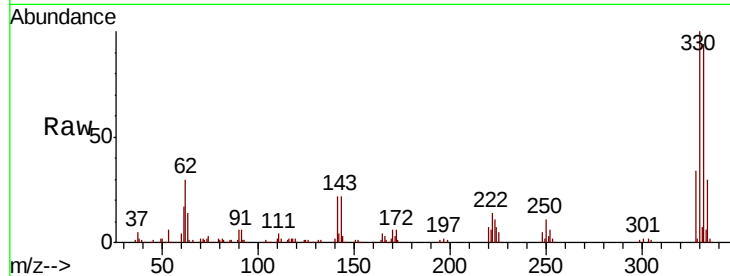




#42
 2,4,6-Tribromophenol
 Concen: 127.121 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113720.D
 Acq: 11 Apr 2019 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.6
141	27.6	22.7	34.1

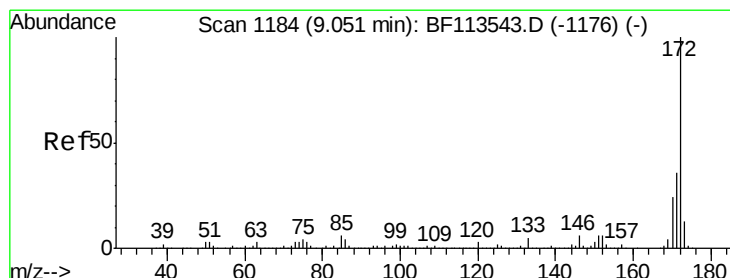
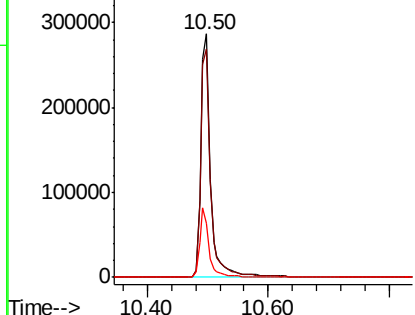
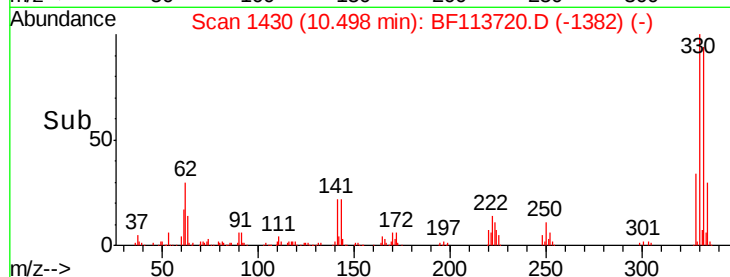


Abundance

Ion 329.80 (329.50 to 330.50): E

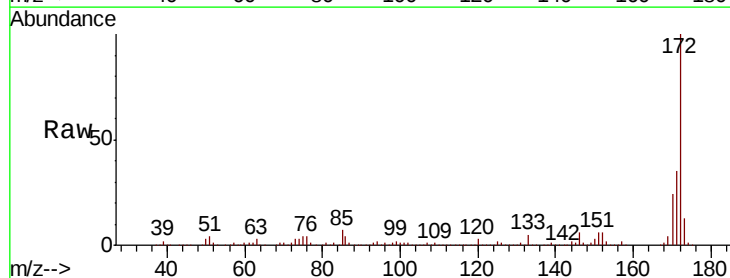
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.549 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113720.D
 Acq: 11 Apr 2019 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.1	19.5	29.3

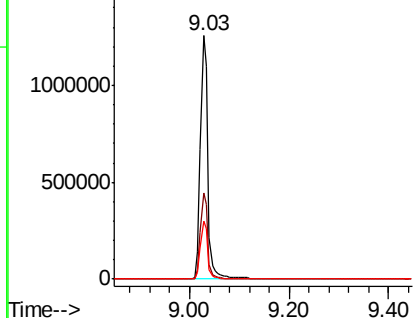
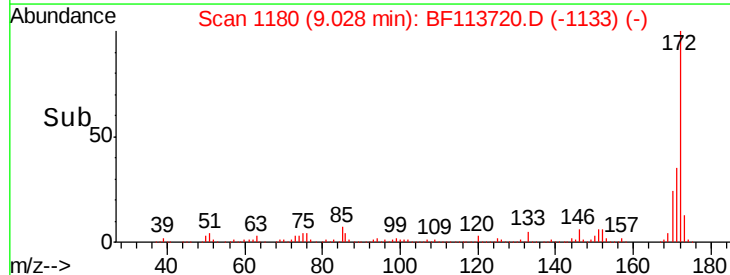


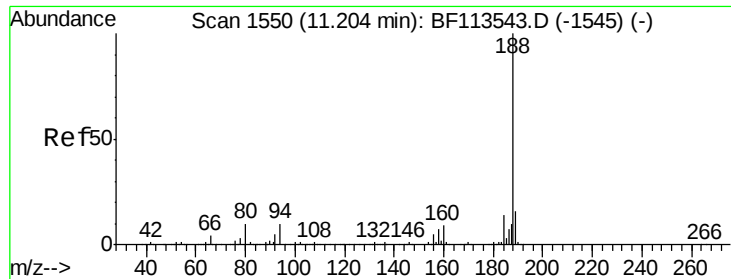
Abundance

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

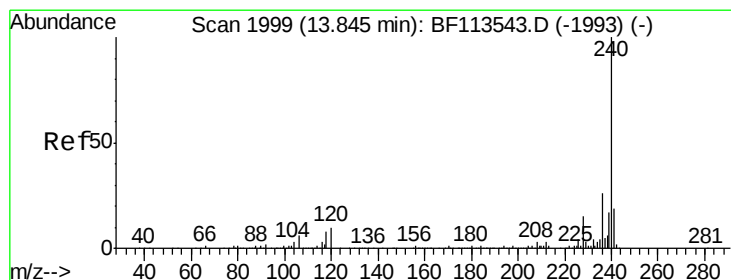
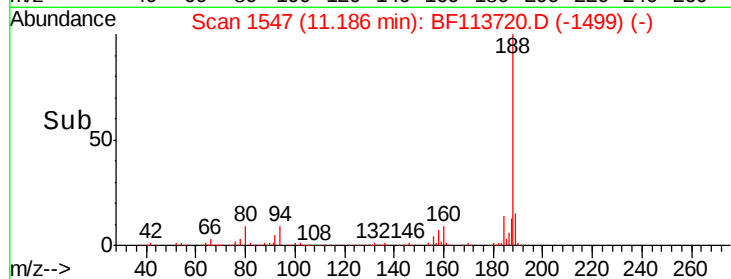
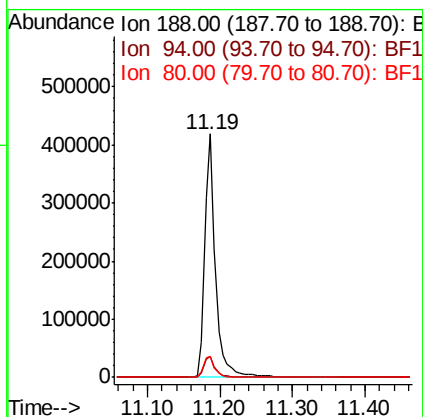
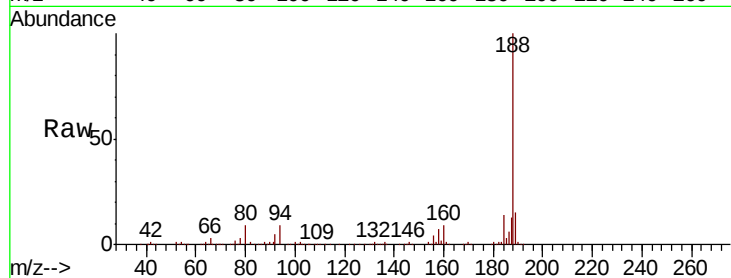




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113720.D
Acq: 11 Apr 2019 15:09

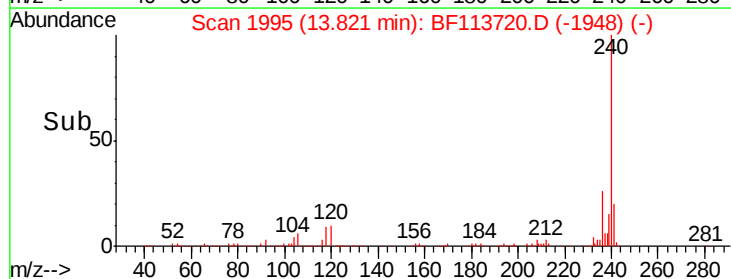
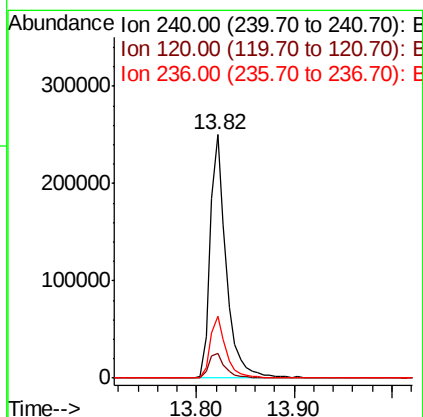
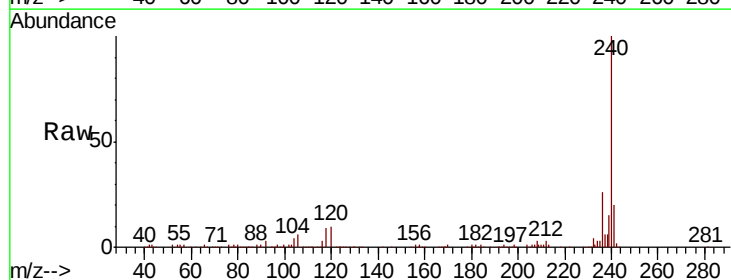
Instrument :
BNA_F
ClientSampled :
TP-12-D

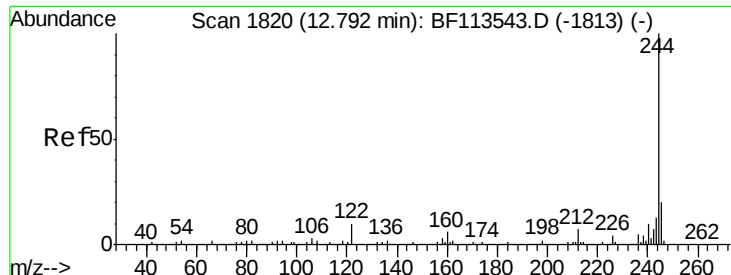
Tot Ion:188 Resp: 430776
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 8.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113720.D
Acq: 11 Apr 2019 15:09

Tgt Ion:240 Resp: 284202
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 92.274 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113720.D

Acq: 11 Apr 2019 15:09

Instrument :

BNA_F

ClientSampleId :

TP-12-D

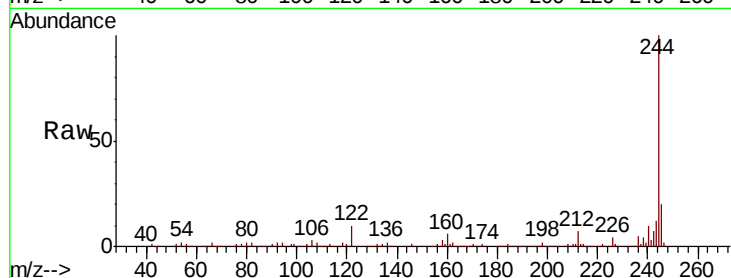
Tot Ion:244 Resp: 1288024

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

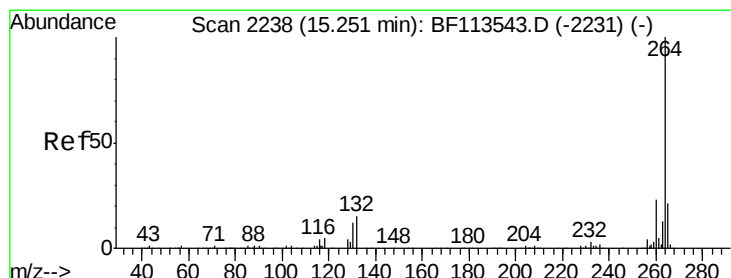
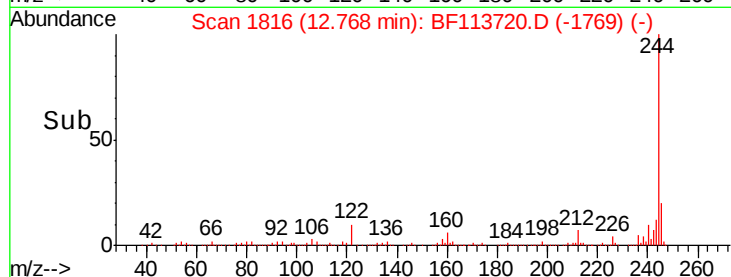
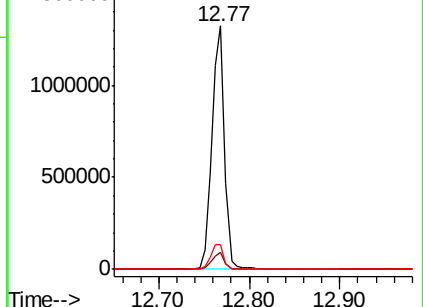
122 10.4 8.6 13.0



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# 2234

Delta R.T. -0.02 min

Lab File: BF113720.D

Acq: 11 Apr 2019 15:09

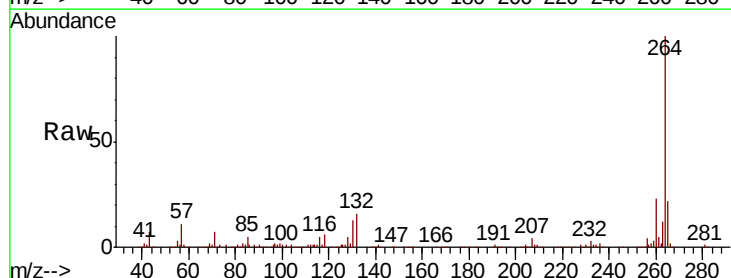
Tgt Ion:264 Resp: 296249

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 22.1 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

