

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113570.D
 Acq On : 4 Apr 2019 4:18
 Operator : JU/SJ
 Sample : K2178-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-18

Quant Time: Apr 04 07:45:32 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

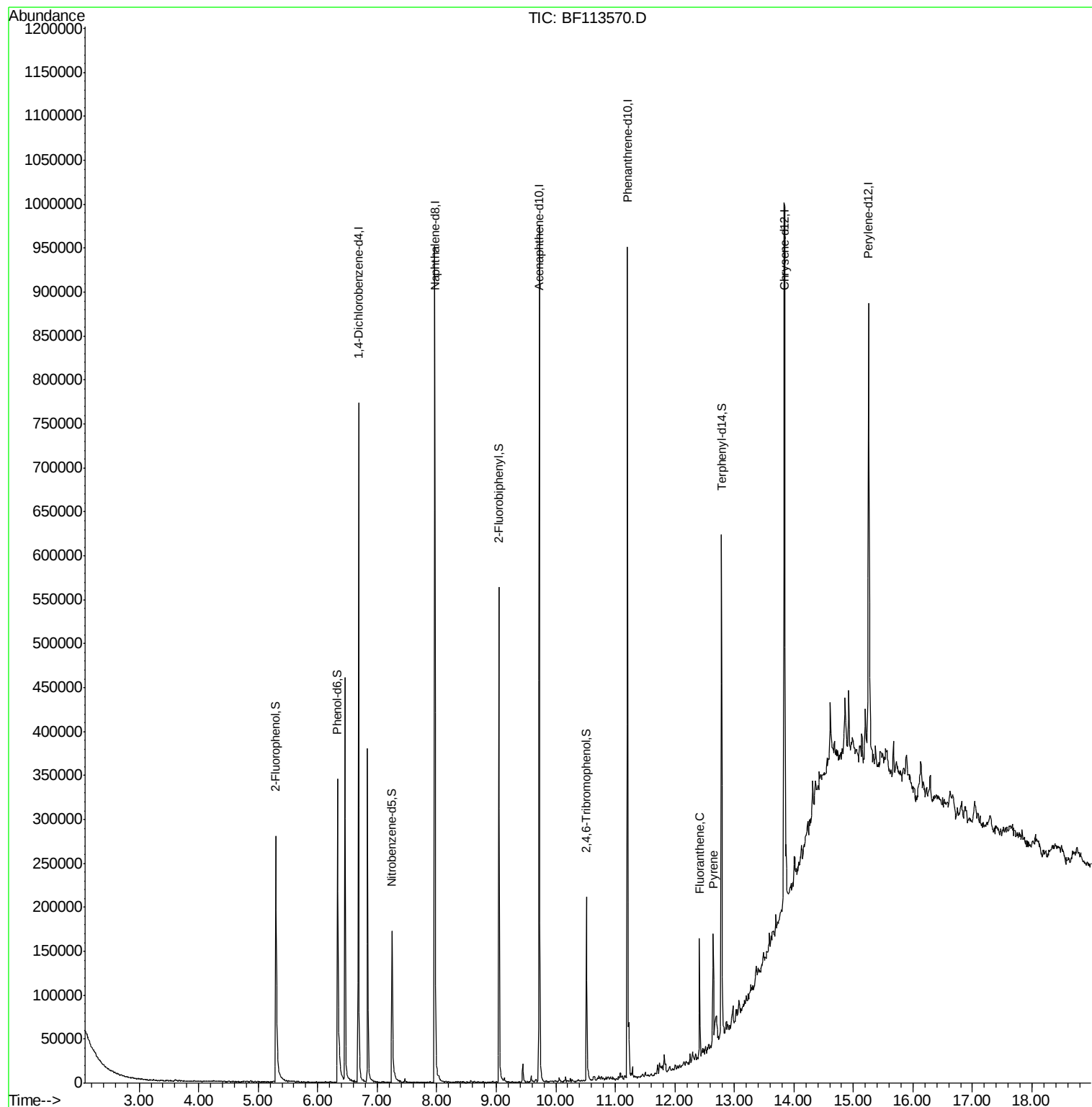
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	125006	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	448360	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	191351	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	371595	20.00	ng	0.00
76) Chrysene-d12	13.84	240	308840	20.00	ng	0.00
87) Perylene-d12	15.26	264	230096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	119430	16.29	ng	0.00
7) Phenol-d6	6.33	99	165842	18.36	ng	0.00
23) Nitrobenzene-d5	7.25	82	82117	10.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	34617	15.06	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	183992	15.48	ng	0.00
79) Terphenyl-d14	12.79	244	194881	12.85	ng	0.00
Target Compounds						
75) Fluoranthene	12.42	202	56386	2.850	ng	99
78) Pyrene	12.64	202	54025	2.299	ng	97

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

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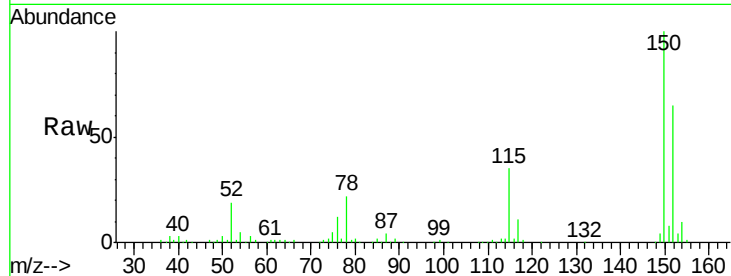


#1

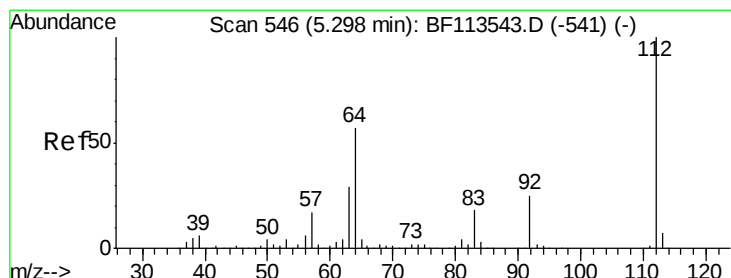
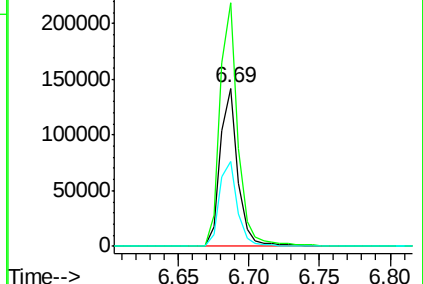
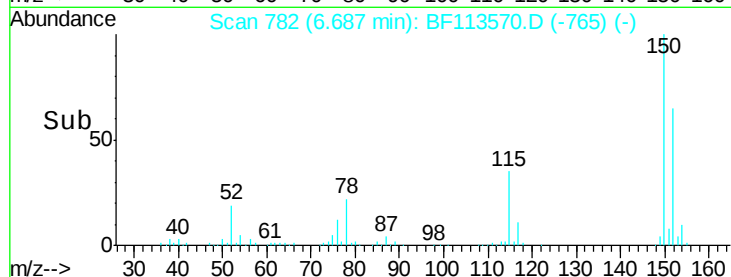
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113570.D
Acq: 4 Apr 2019 4:18

Instrument :
BNA_F
ClientSampled :
COMP-18

Tgt Ion:152 Resp: 125006
Ion Ratio Lower Upper
152 100
150 154.0 124.7 187.1
115 54.0 46.0 69.0



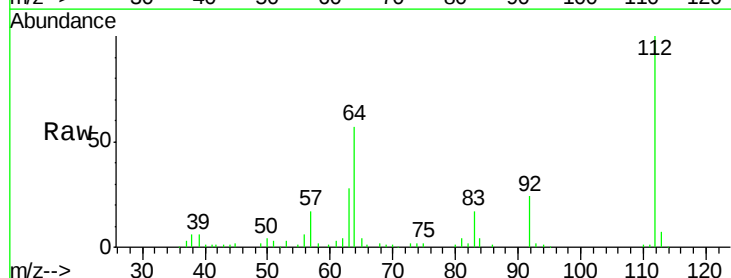
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



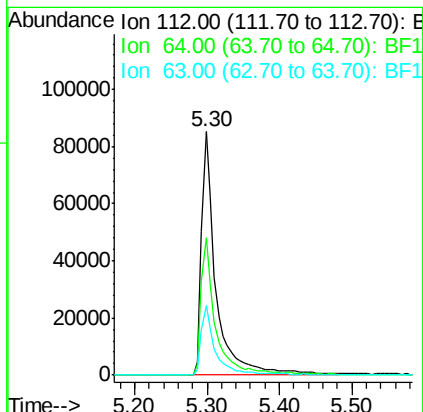
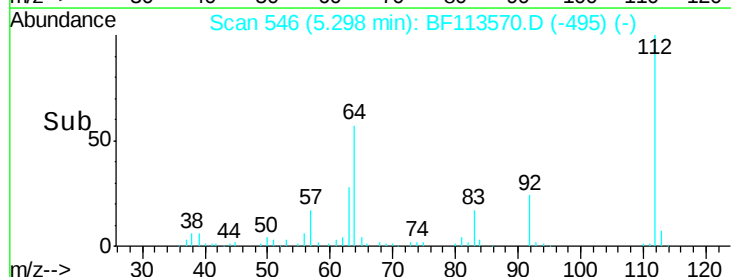
#5

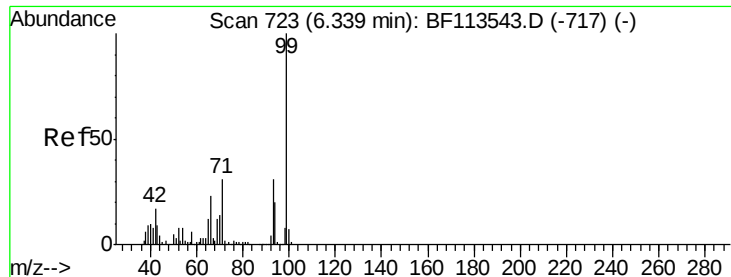
2-Fluorophenol
Concen: 16.292 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113570.D
Acq: 4 Apr 2019 4:18

Tgt Ion:112 Resp: 119430
Ion Ratio Lower Upper
112 100
64 56.5 49.2 73.8
63 28.3 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: 18.355 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113570.D

Acq: 4 Apr 2019 4:18

Instrument :

BNA_F

ClientSampleId :

COMP-18

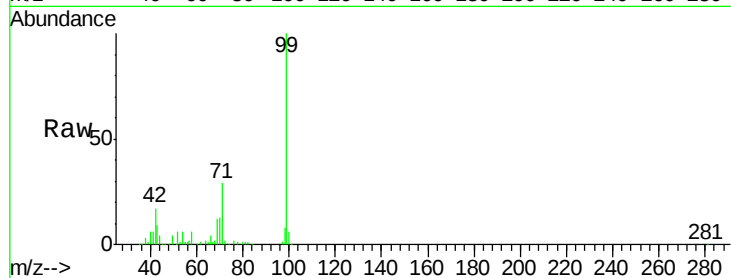
Tgt Ion: 99 Resp: 165842

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

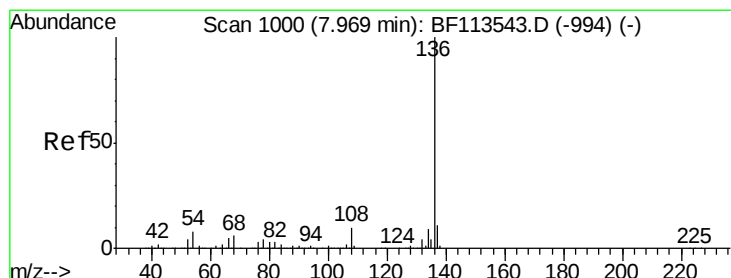
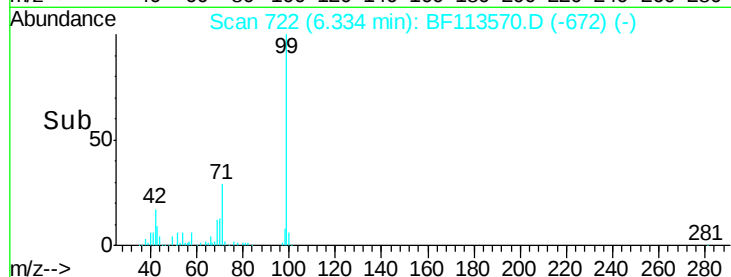
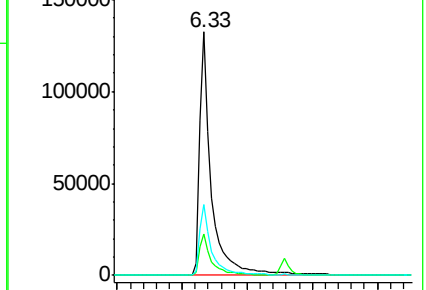
71 29.3 24.9 37.3



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: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113570.D

Acq: 4 Apr 2019 4:18

Tgt Ion: 136 Resp: 448360

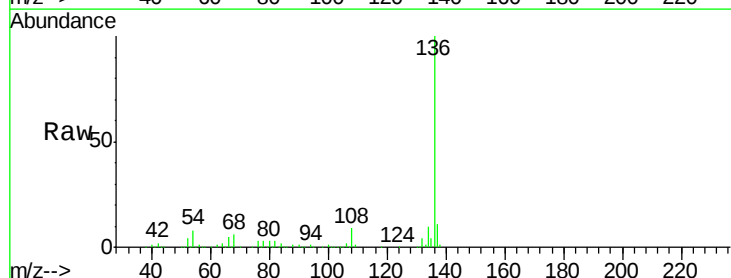
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 7.0 10.6

68 5.6 4.8 7.2

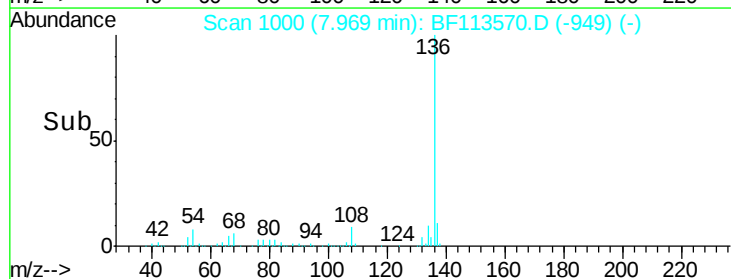
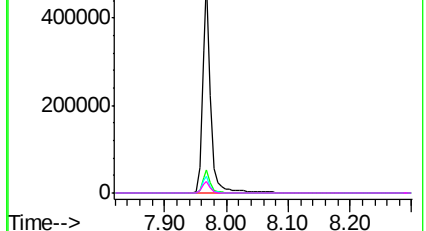


Abundance Ion 136.00 (135.70 to 136.70): E

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

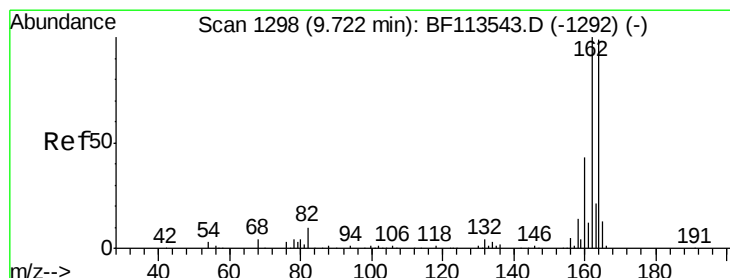
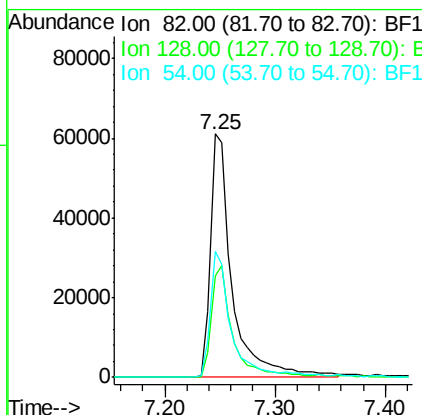
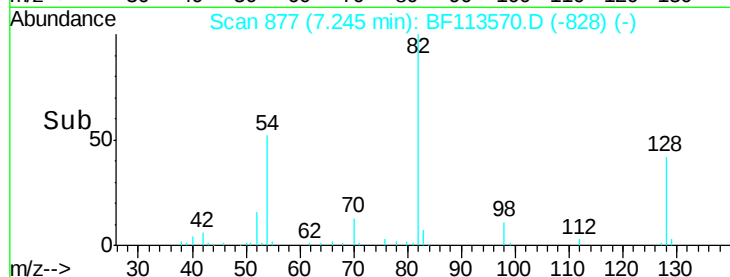
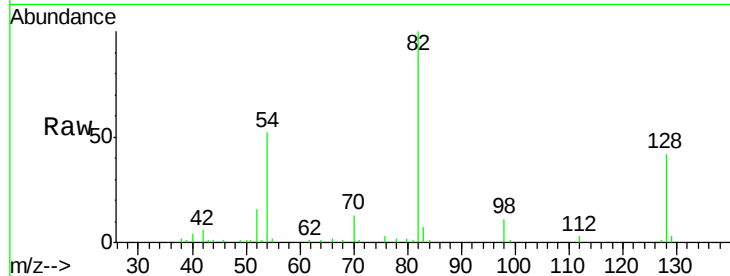




#23
Nitrobenzene-d5
Concen: 10.728 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113570.D
Acq: 4 Apr 2019 4:18

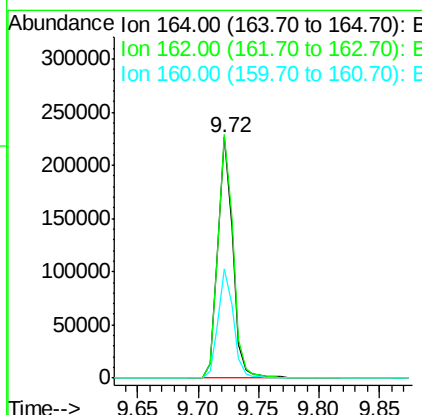
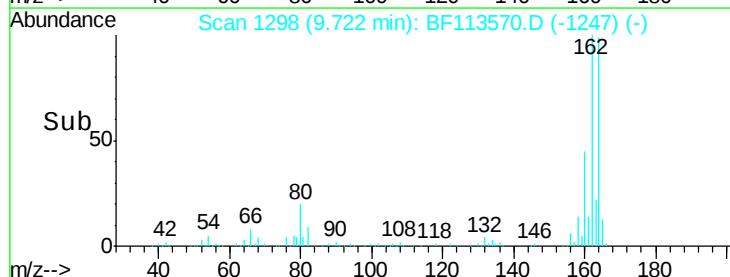
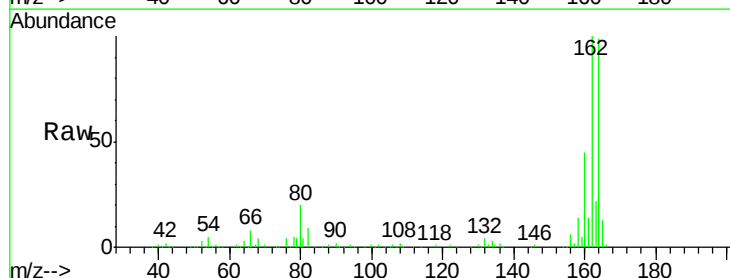
Instrument :
BNA_F
ClientSampled :
COMP-18

Tgt Ion: 82 Resp: 82117
Ion Ratio Lower Upper
82 100
128 41.9 36.5 54.7
54 51.8 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF113570.D
Acq: 4 Apr 2019 4:18

Tgt Ion: 164 Resp: 191351
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 45.4 36.4 54.6

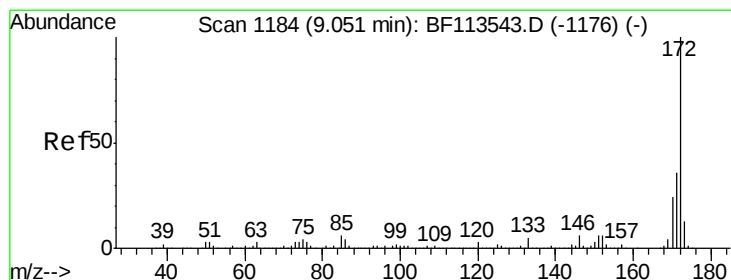
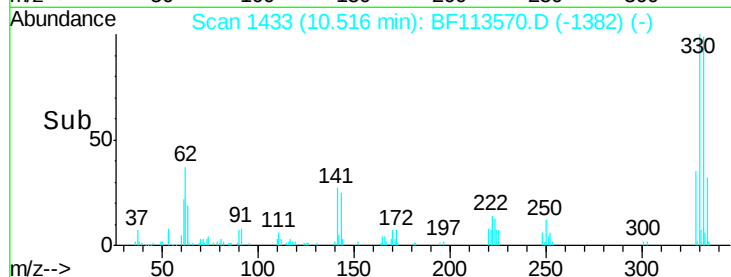
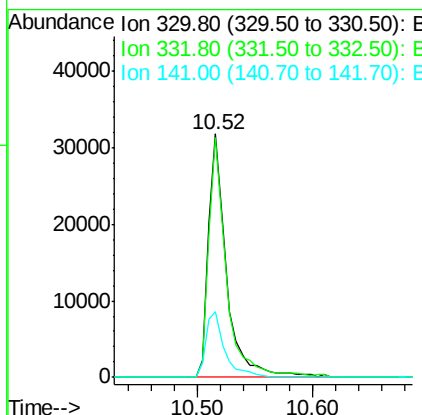
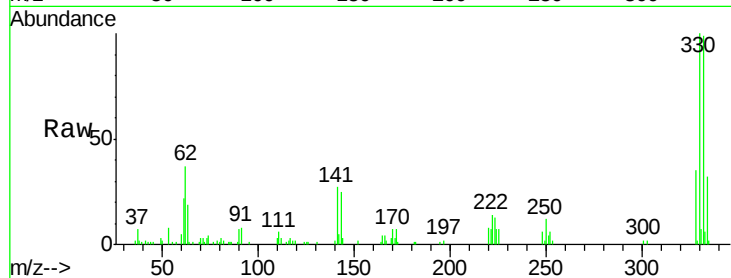




#42
 2,4,6-Tribromophenol
 Concen: 15.060 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF113570.D
 Acq: 4 Apr 2019 4:18

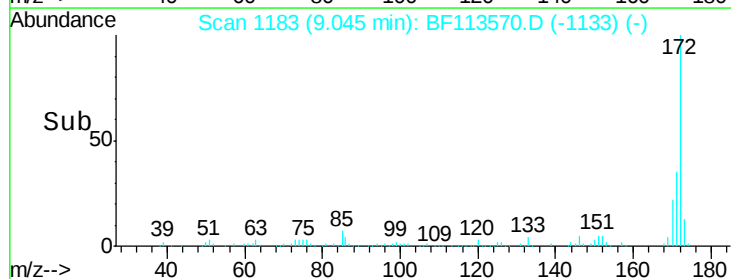
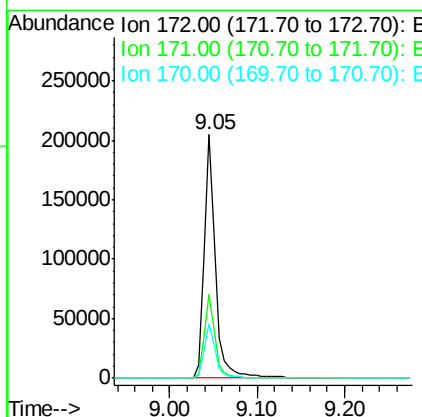
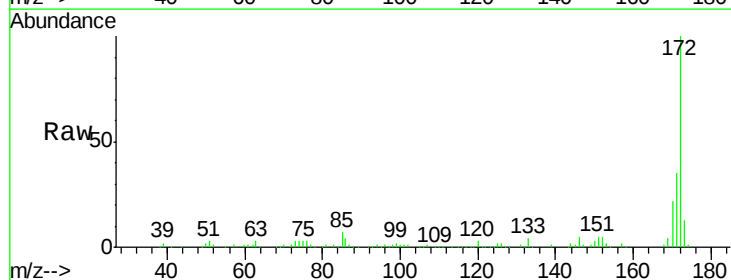
Instrument :
 BNA_F
 ClientSampleId :
 COMP-18

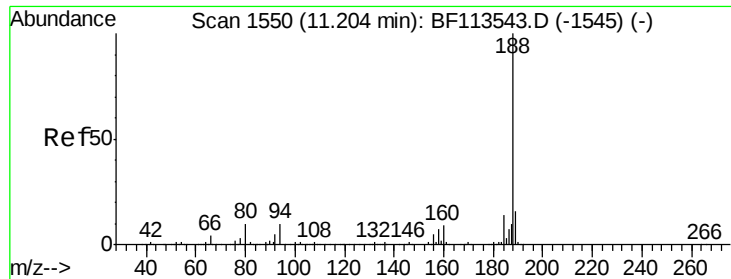
Tgt Ion:330 Resp: 34617
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.8 116.6
 141 28.2 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 15.480 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113570.D
 Acq: 4 Apr 2019 4:18

Tgt Ion:172 Resp: 183992
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.0 43.6
 170 22.5 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF113570.D

Acq: 4 Apr 2019 4:18

Instrument :

BNA_F

ClientSampleId :

COMP-18

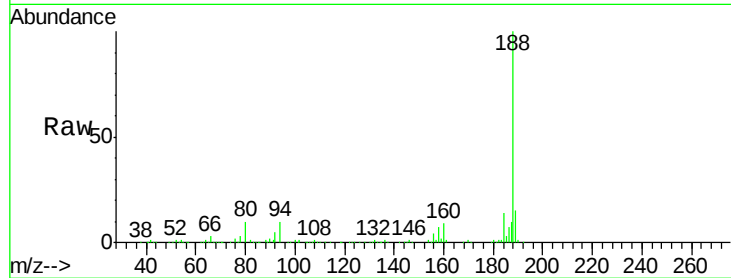
Tgt Ion:188 Resp: 371595

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

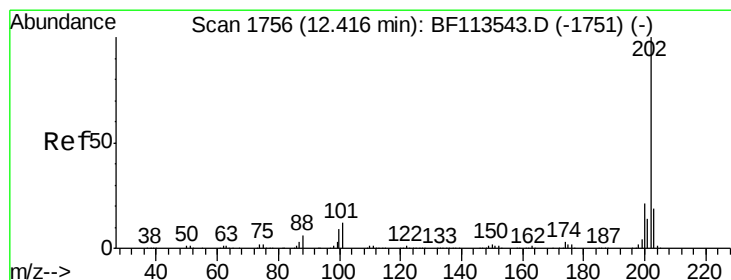
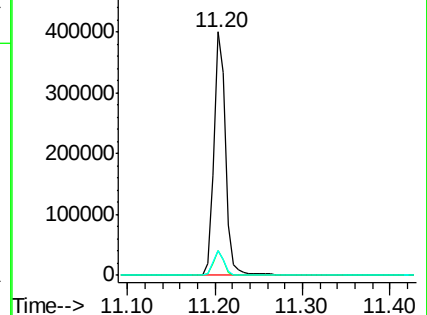
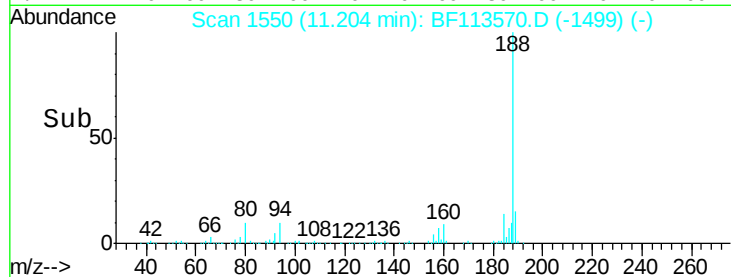
80 10.1 7.7 11.5



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



#75

Fluoranthene

Concen: 2.850 ng

RT: 12.42 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF113570.D

Acq: 4 Apr 2019 4:18

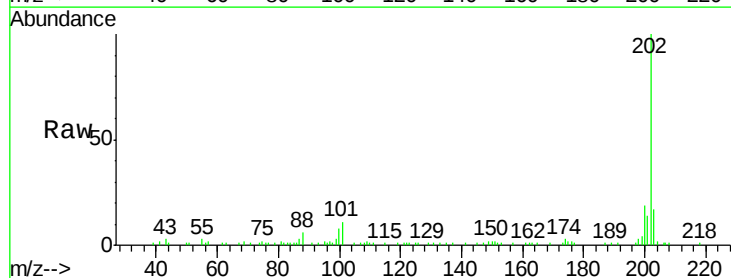
Tgt Ion:202 Resp: 56386

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

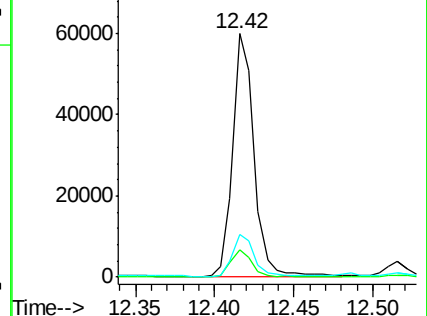
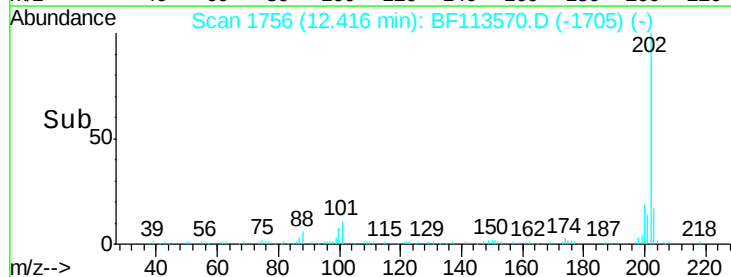
203 17.3 0.0 38.0

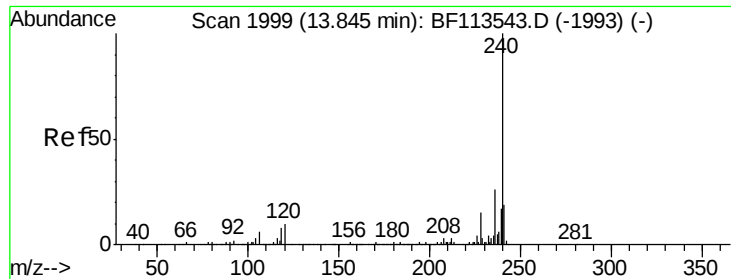


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

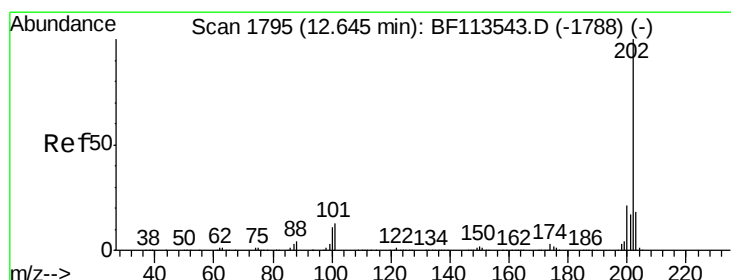
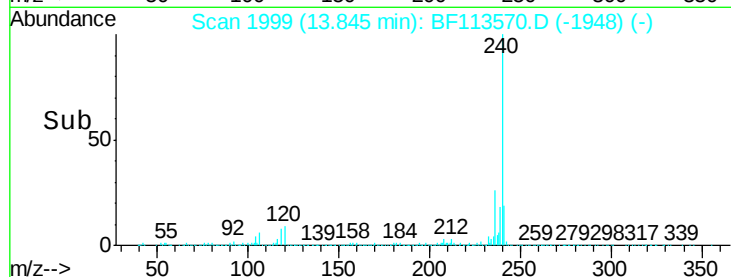
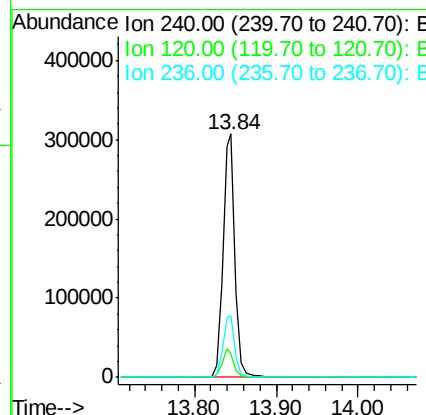
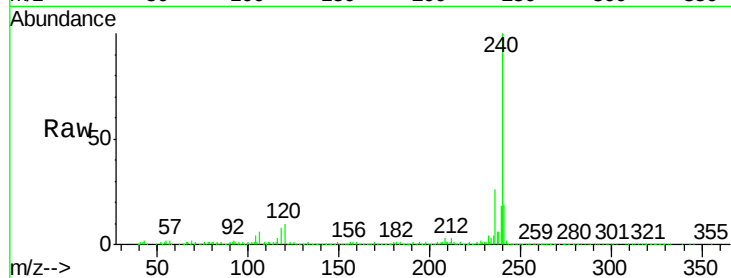




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113570.D
Acq: 4 Apr 2019 4:18

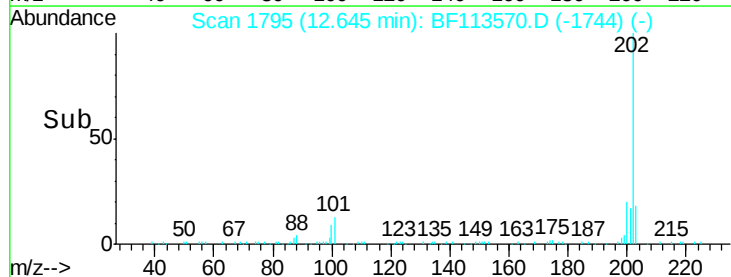
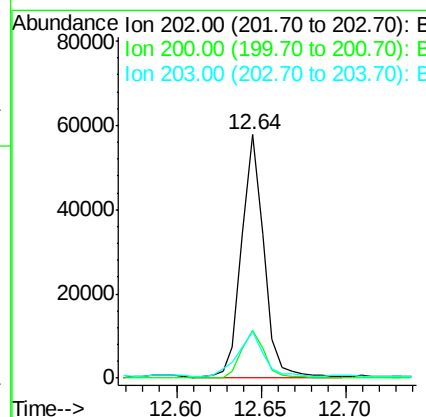
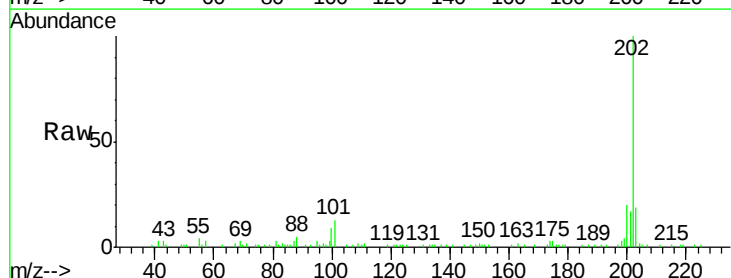
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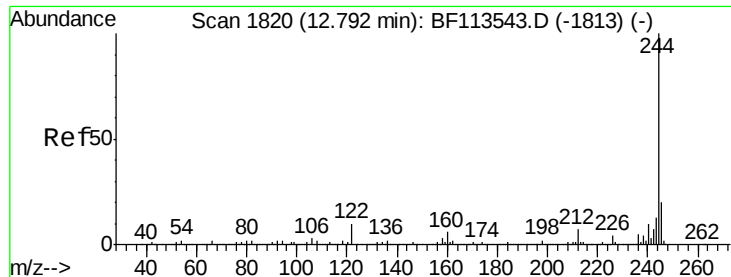
Tgt Ion:240 Resp: 308840
Ion Ratio Lower Upper
240 100
120 9.5 8.8 13.2
236 25.6 20.9 31.3



#78
Pyrene
Concen: 2.299 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BF113570.D
Acq: 4 Apr 2019 4:18

Tgt Ion:202 Resp: 54025
Ion Ratio Lower Upper
202 100
200 19.6 16.8 25.2
203 18.9 14.4 21.6





#79

Terphenyl-d14

Concen: 12.847 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113570.D

Acq: 4 Apr 2019 4:18

Instrument :

BNA_F

ClientSampleId :

COMP-18

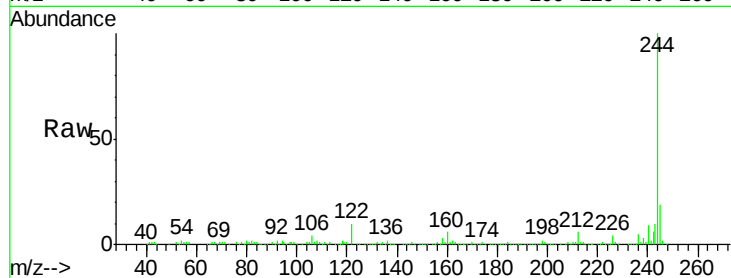
Tgt Ion:244 Resp: 194881

Ion Ratio Lower Upper

244 100

212 6.1 5.5 8.3

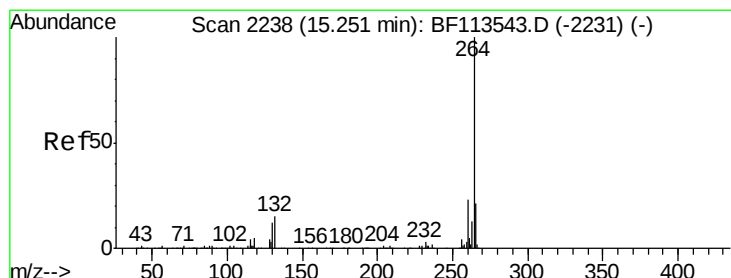
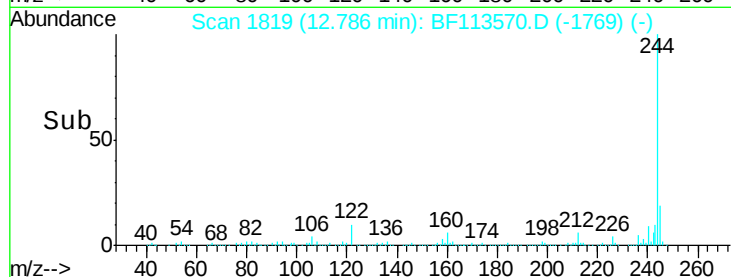
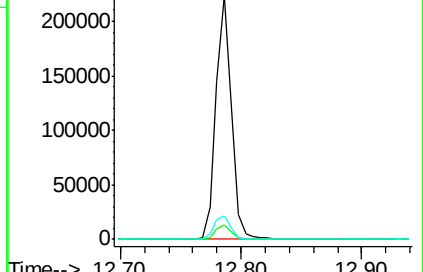
122 9.8 8.6 13.0



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: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF113570.D

Acq: 4 Apr 2019 4:18

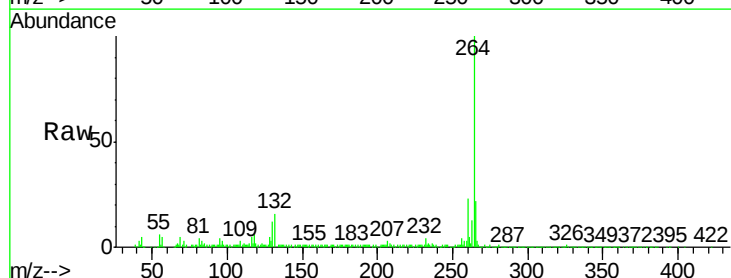
Tgt Ion:264 Resp: 230096

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 22.0 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

