

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119246.D
 Acq On : 6 Mar 2020 8:44
 Operator : CG/JU
 Sample : L1721-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRIT

Quant Time: Mar 06 14:18:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

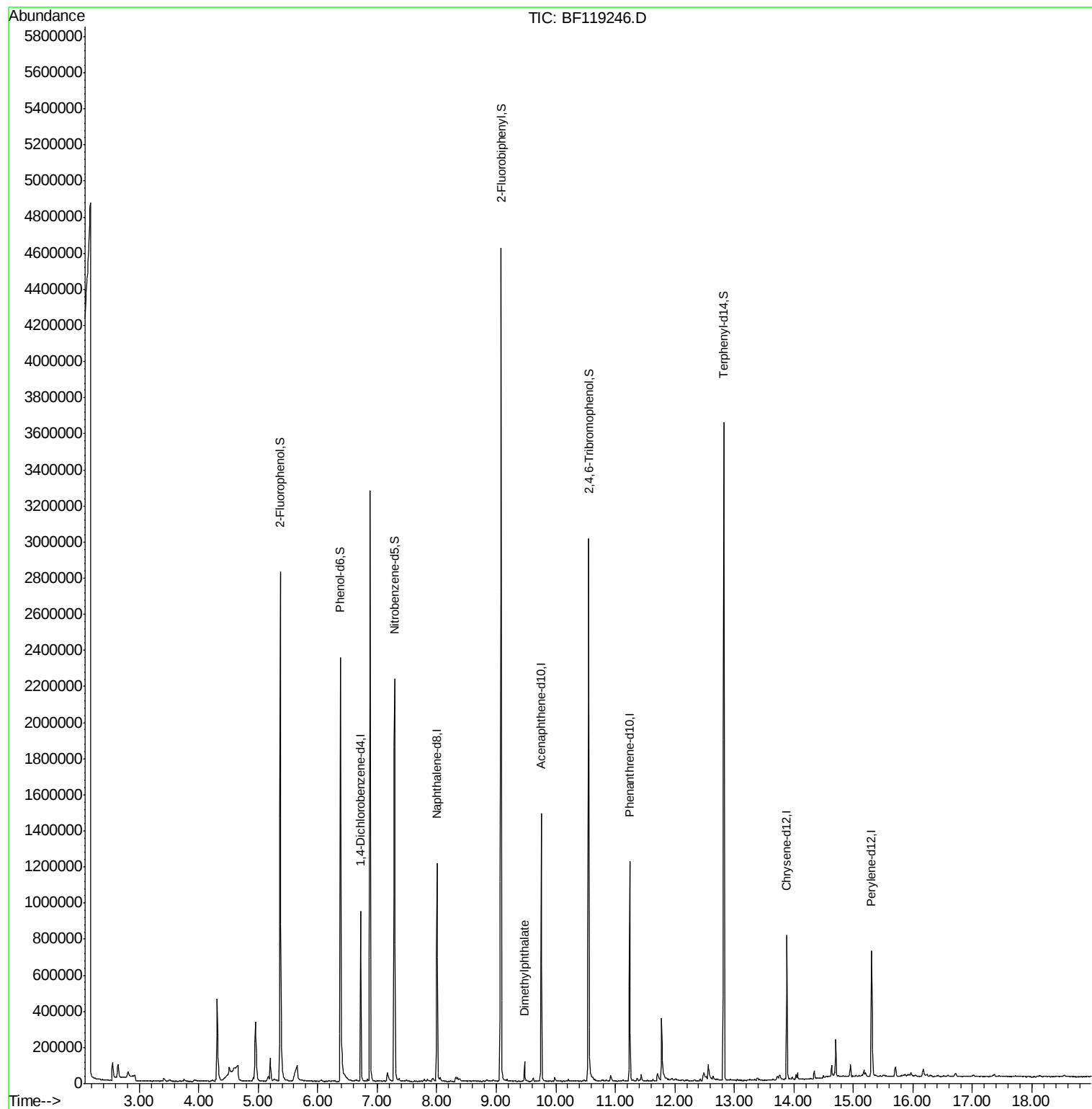
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147075	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	554546	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	284883	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	467514	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	261064	20.00	ng	-0.02
87) Perylene-d12	15.30	264	308525	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	933679	106.09	ng	0.00
7) Phenol-d6	6.38	99	1046328	97.76	ng	-0.02
23) Nitrobenzene-d5	7.29	82	829317	78.96	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	408872	109.71	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1585999	82.01	ng	-0.03
79) Terphenyl-d14	12.82	244	1296484	85.50	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.47	163	43949	2.017	ng	Qvalue 99

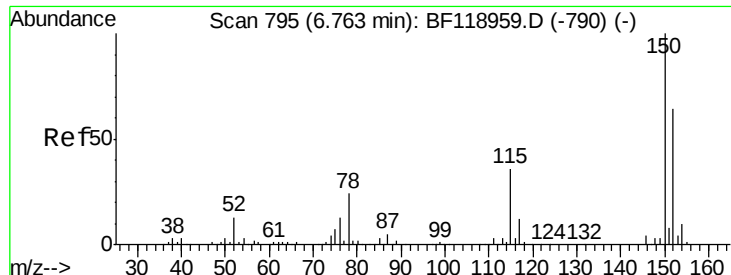
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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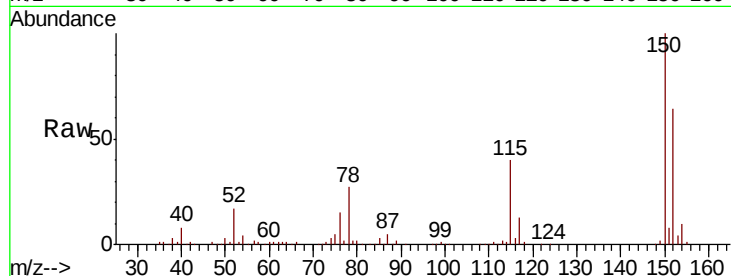


#1

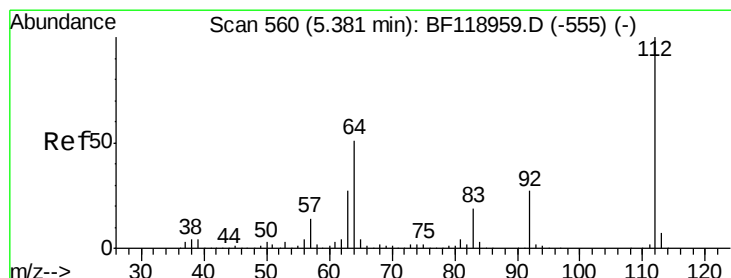
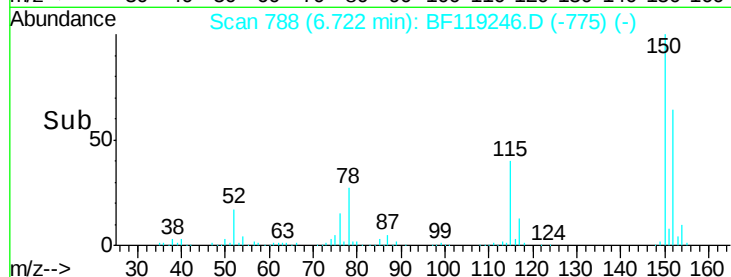
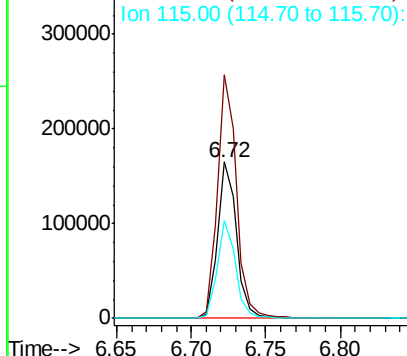
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119246.D
Acq: 6 Mar 2020 8:44

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRIT

Tot Ion:152 Resp: 147075
Ion Ratio Lower Upper
152 100
150 156.1 123.0 184.6
115 62.3 49.5 74.3



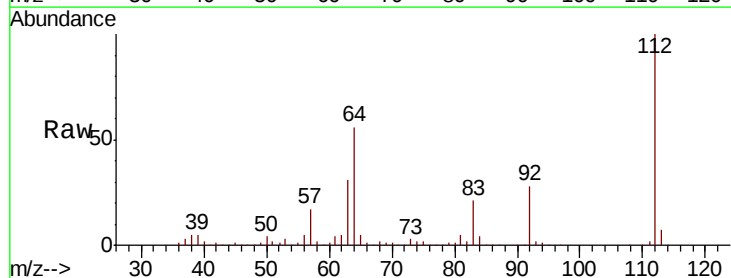
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



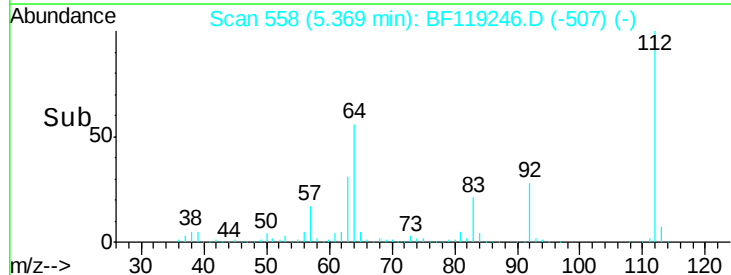
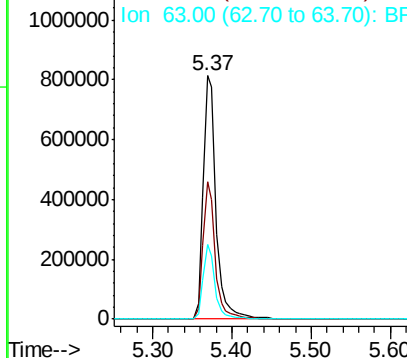
#5

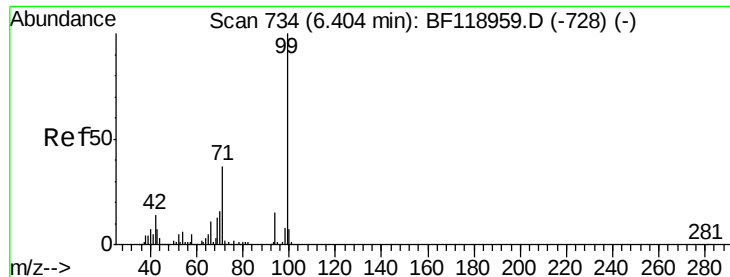
2-Fluorophenol
Concen: 106.092 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119246.D
Acq: 6 Mar 2020 8:44

Tgt Ion:112 Resp: 933679
Ion Ratio Lower Upper
112 100
64 56.4 45.0 67.4
63 30.8 24.2 36.4



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: 97.758 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRIT

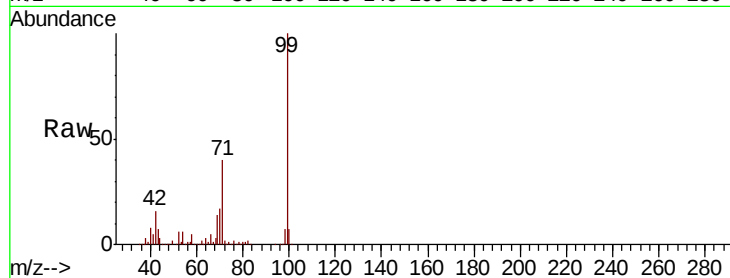
Tot Ion: 99 Resp: 1046328

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

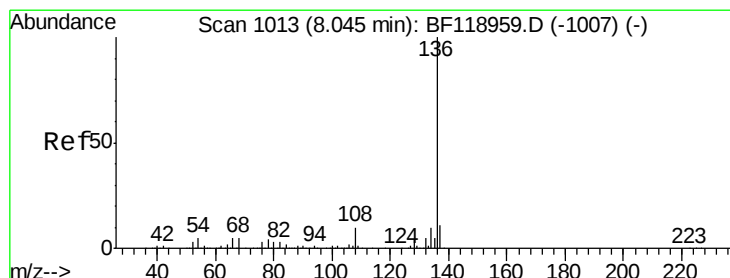
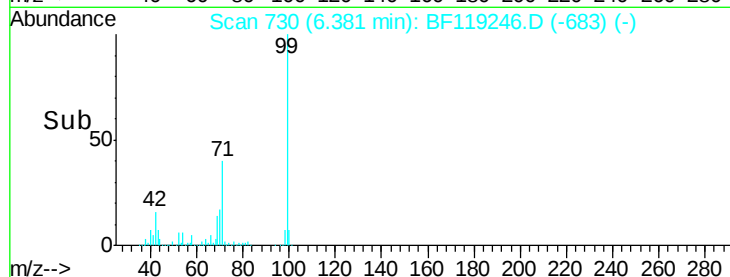
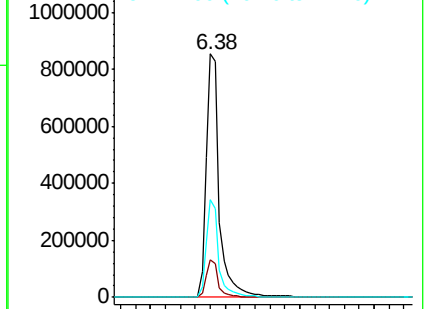
71 40.2 31.0 46.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

Tgt Ion: 136 Resp: 554546

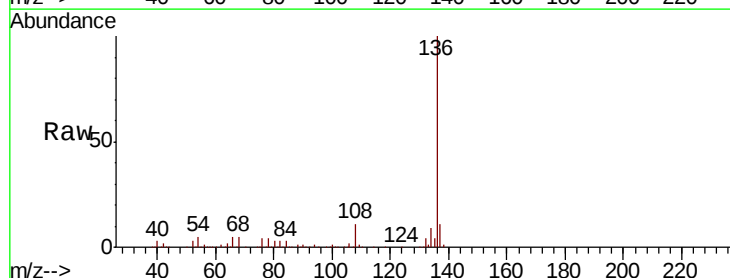
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.1 3.8 5.6

68 5.5 3.9 5.9

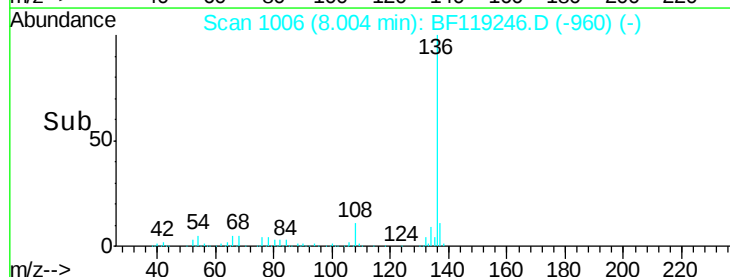
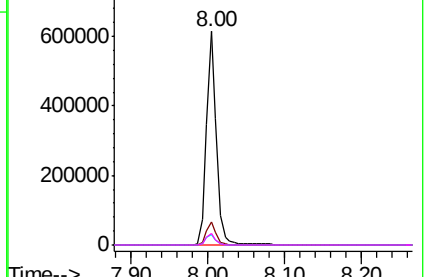


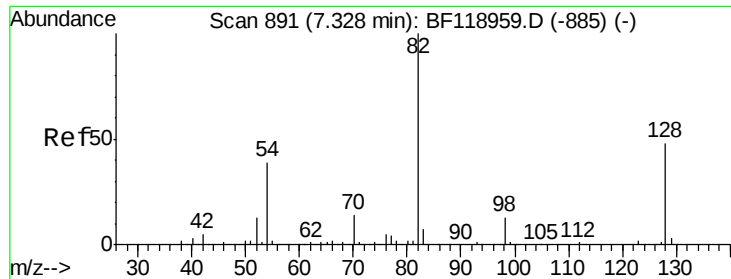
Abundance Ion 136.00 (135.70 to 136.70): E

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

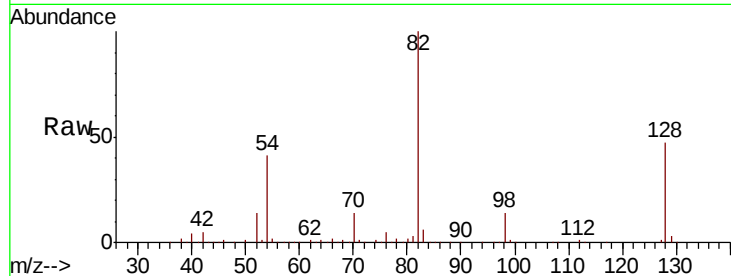




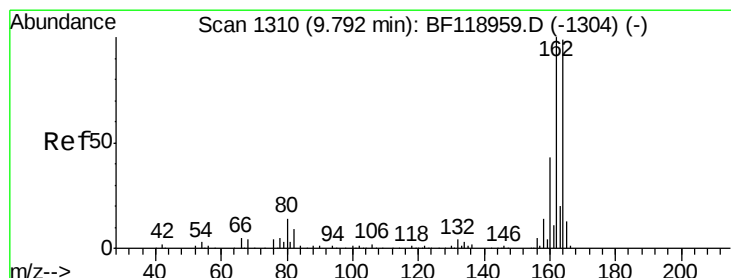
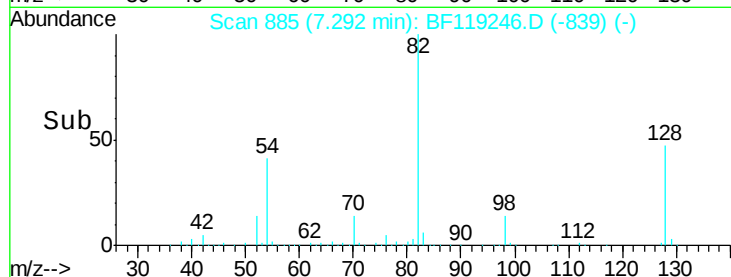
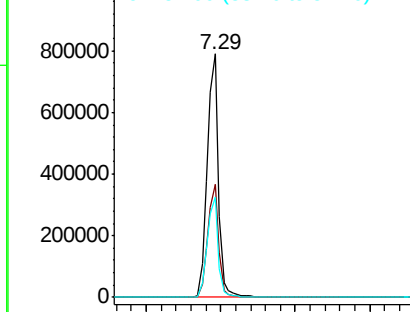
#23
 Nitrobenzene-d5
 Concen: 78.962 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRIT

Tot Ion	82	Resp	829317
Ion Ratio	Lower	Upper	
82	100		
128	46.7	37.9	56.9
54	41.0	33.4	50.2

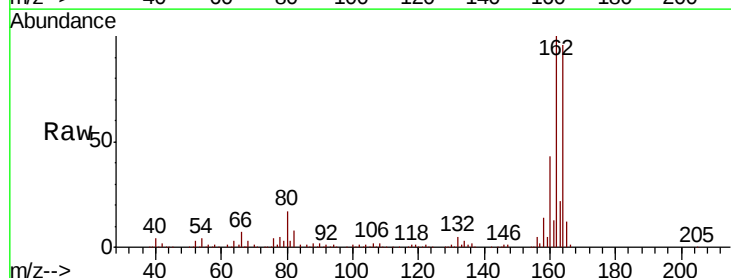


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

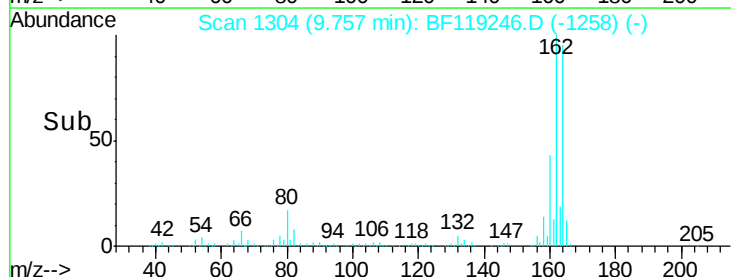
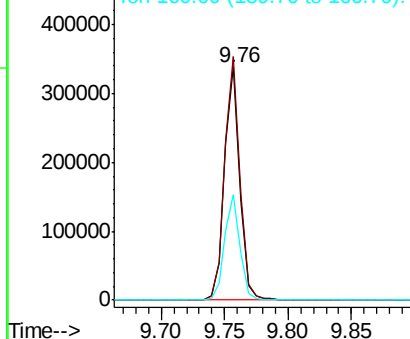


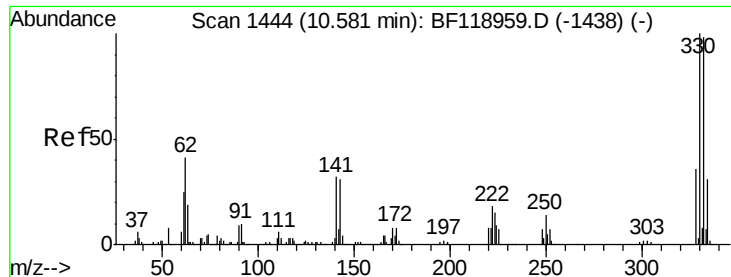
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Tgt Ion	164	Resp	284883
Ion Ratio	Lower	Upper	
164	100		
162	104.6	81.8	122.8
160	45.2	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

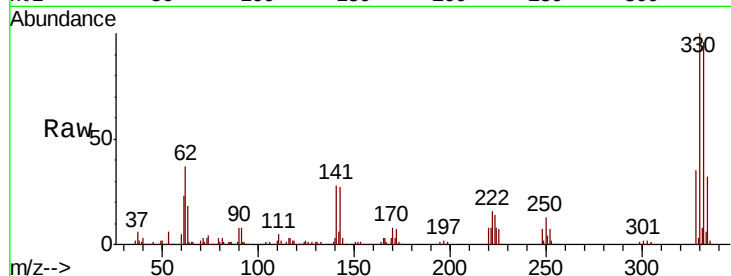




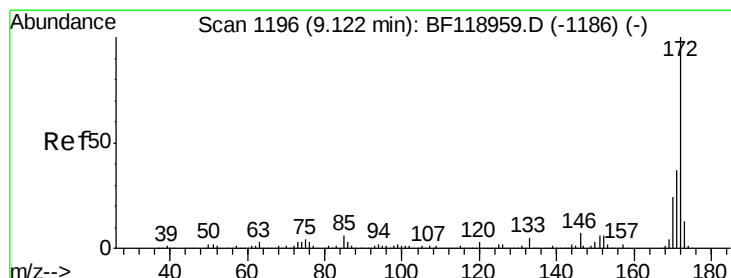
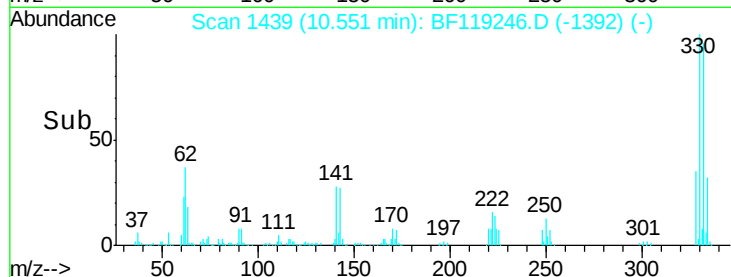
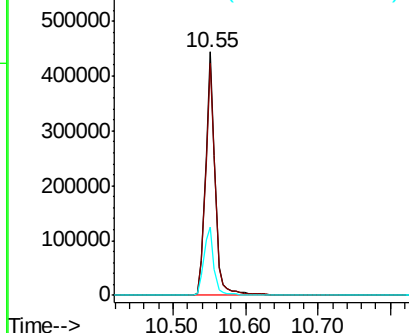
#42
 2,4,6-Tribromophenol
 Concen: 109.713 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRIT

Tot Ion:330 Resp: 408872
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 29.9 22.9 34.3

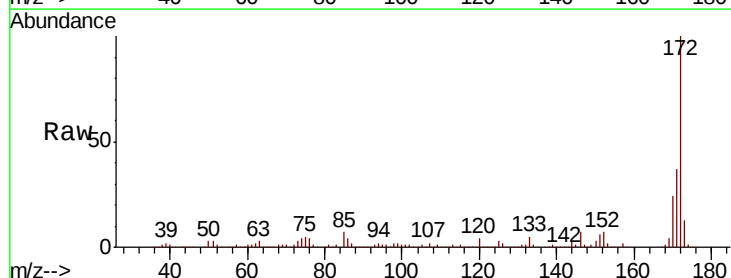


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

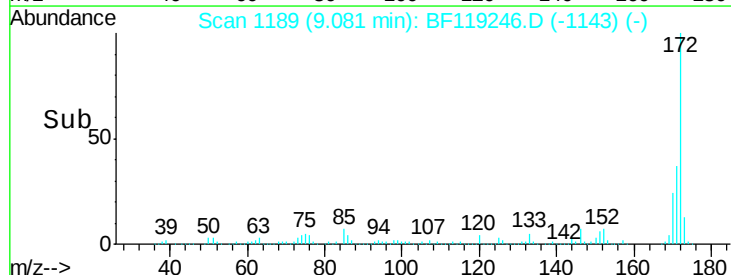
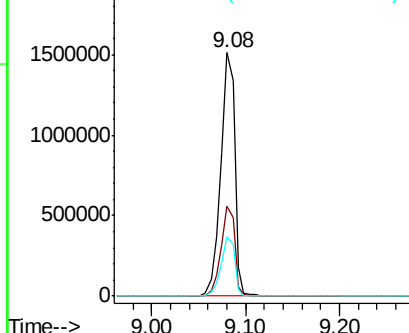


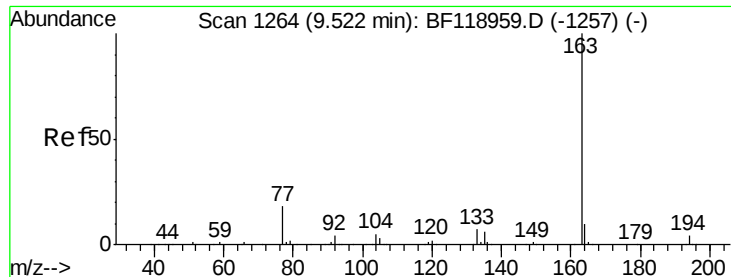
#45
 2-Fluorobiphenyl
 Concen: 82.014 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Tgt Ion:172 Resp: 1585999
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.6 45.8
 170 24.4 20.2 30.2



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: 2.017 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRIT

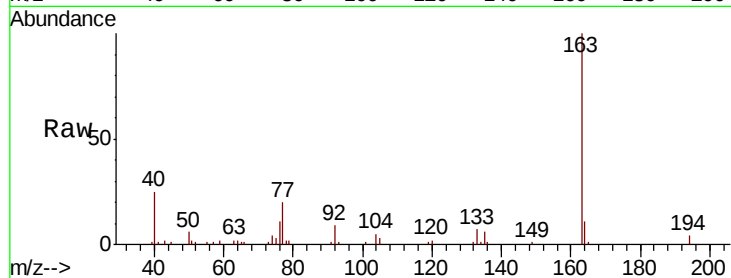
Tot Ion:163 Resp: 43949

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

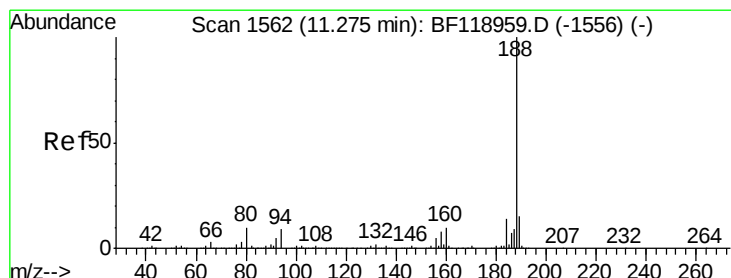
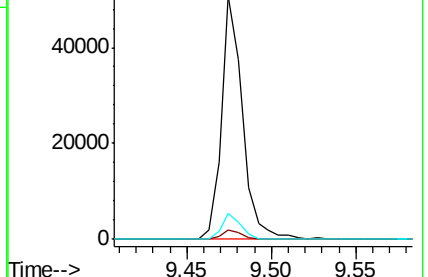
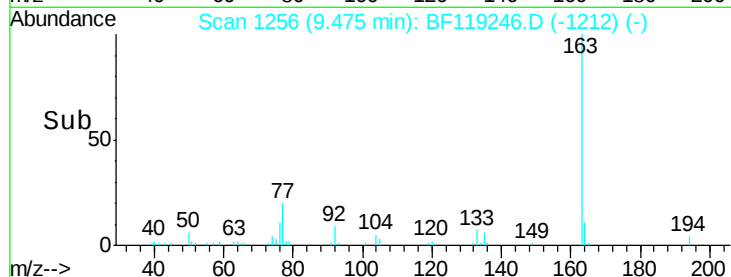
164 10.9 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

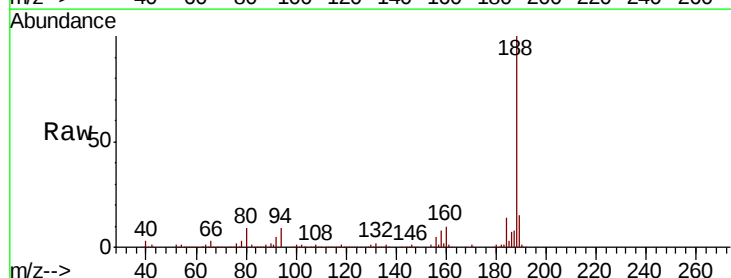
Tgt Ion:188 Resp: 467514

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

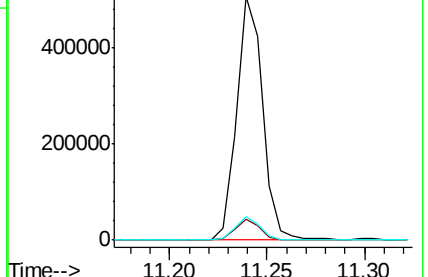
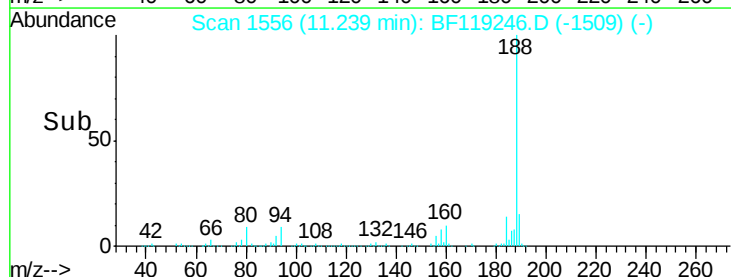
80 9.5 7.8 11.8

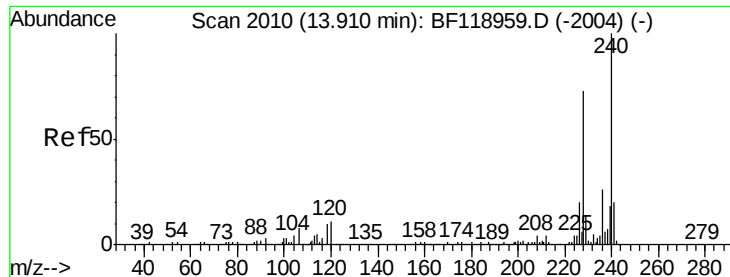


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.02 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-GRIT

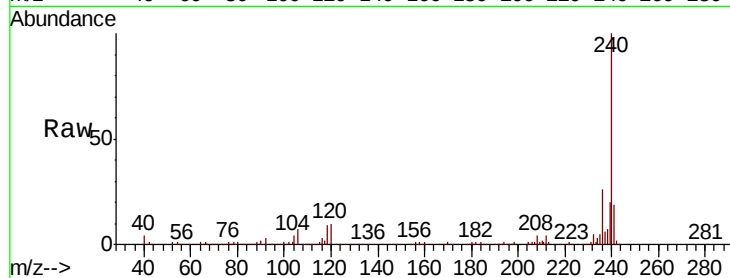
Tot Ion:240 Resp: 261064

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

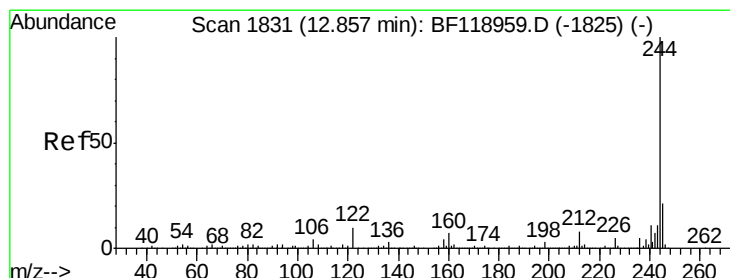
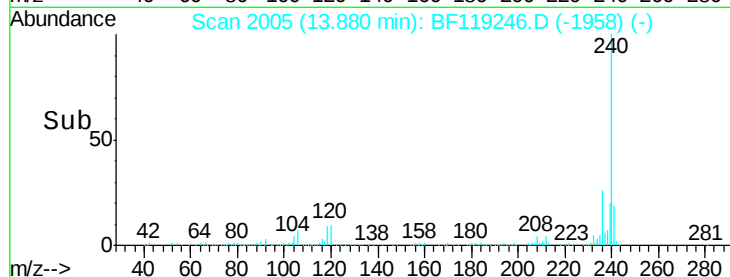
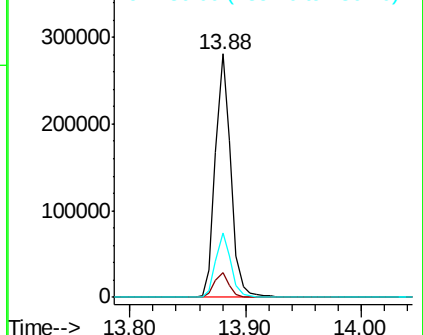
236 26.3 21.0 31.4



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: 85.501 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF119246.D

Acq: 6 Mar 2020 8:44

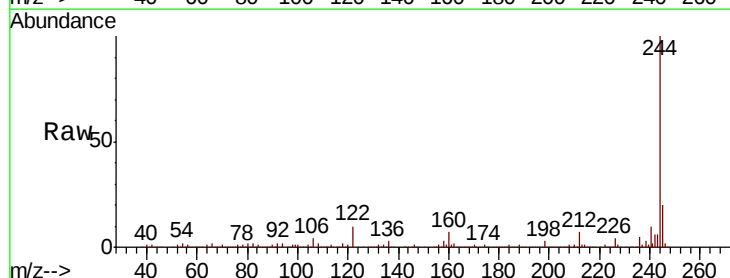
Tgt Ion:244 Resp: 1296484

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

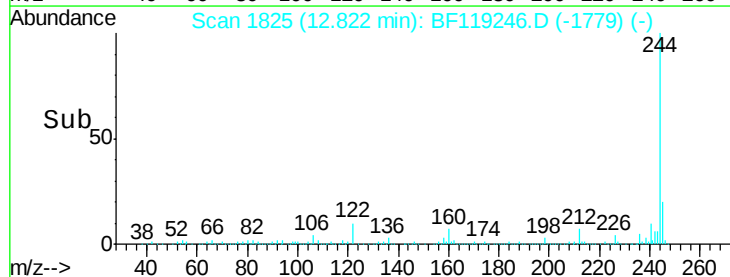
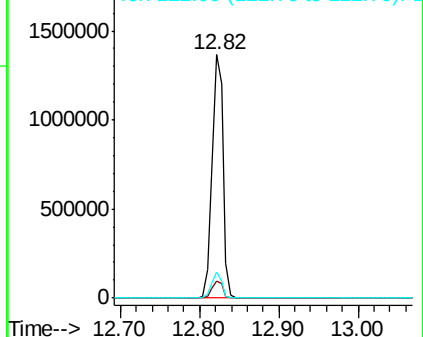
122 10.5 8.2 12.2

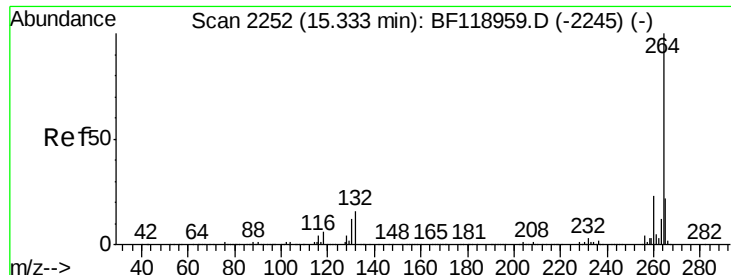


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119246.D
 Acq: 6 Mar 2020 8:44

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRIT

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.7	26.5

