

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116717.D
 Acq On : 1 Sep 2019 1:23
 Operator : HP/JU
 Sample : K4583-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-STOCKPILE

Quant Time: Sep 01 02:49:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	122209	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	476287	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	244782	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	383899	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	233990	20.00	ng	-0.01
87) Perylene-d12	15.44	264	279527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	856356	113.52	ng	0.00
7) Phenol-d6	6.47	99	1061712	107.18	ng	0.00
23) Nitrobenzene-d5	7.40	82	775785	92.98	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	226462	138.39	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1208471	83.28	ng	0.00
79) Terphenyl-d14	12.94	244	1153080	91.16	ng	0.00

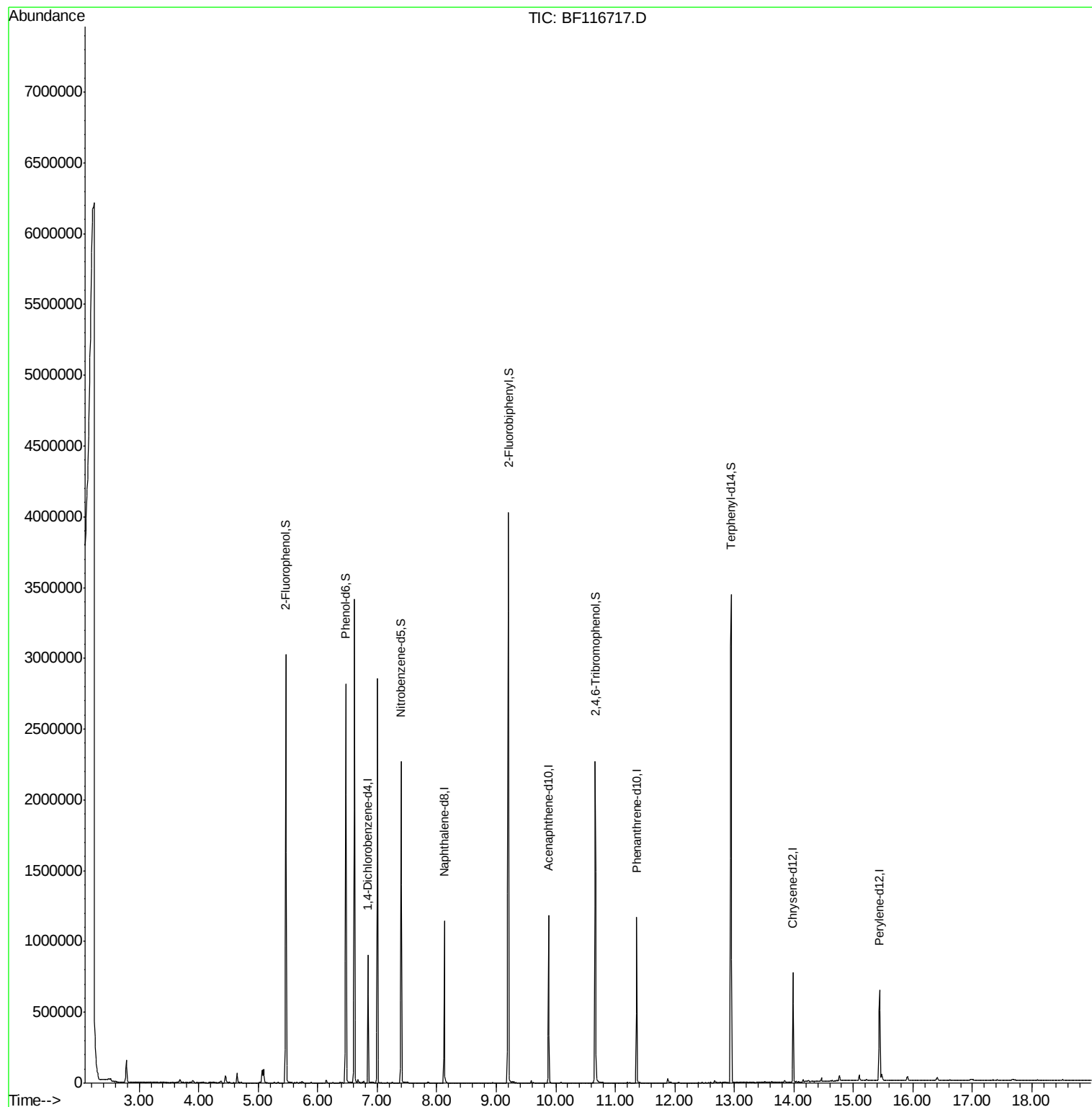
Target Compounds Qvalue

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

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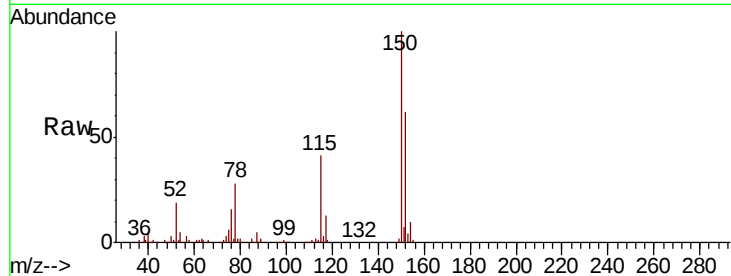


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116717.D
Acq: 1 Sep 2019 1:23

Instrument :
BNA_F
ClientSampleId :
GS-STOCKPILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.4	186.6
115	66.1	49.9	74.9

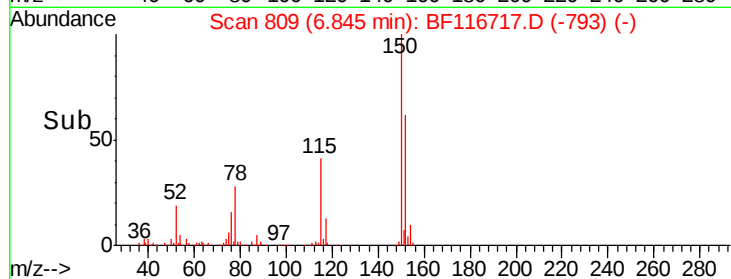
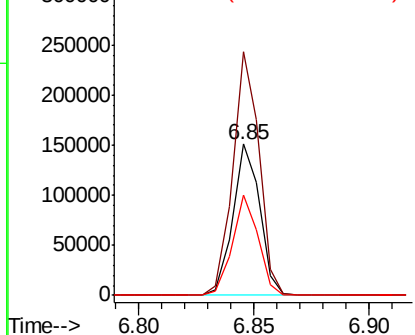


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

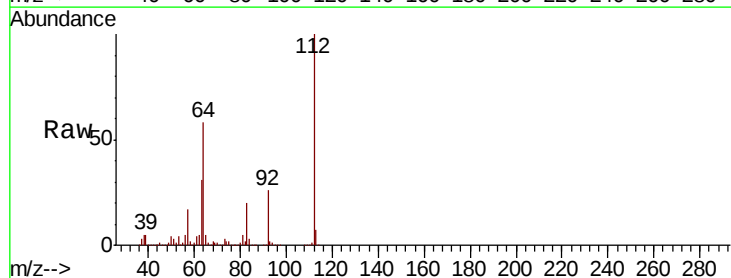
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.522 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116717.D
Acq: 1 Sep 2019 1:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.1	70.7
63	30.8	24.9	37.3

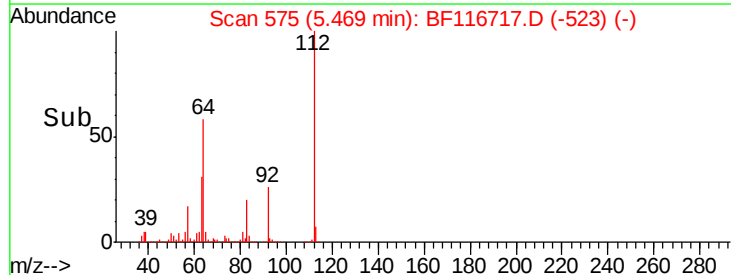
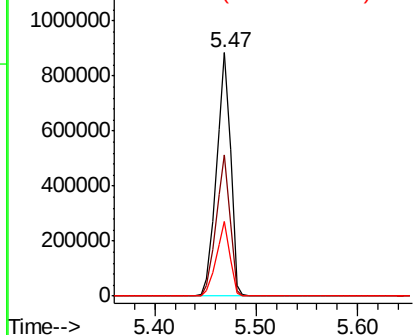


Abundance

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: 107.185 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116717.D

Acq: 1 Sep 2019 1:23

Instrument :

BNA_F

ClientSampleId :

GS-STOCKPILE

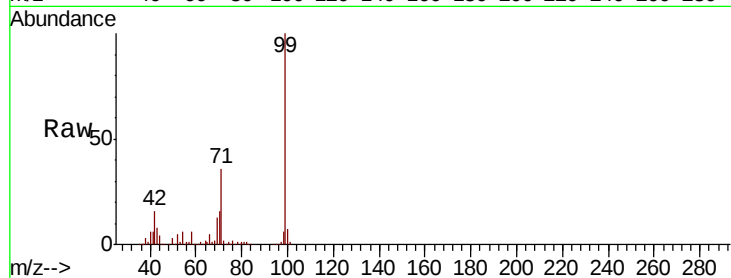
Tot Ion: 99 Resp: 1061712

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	35.5	30.8	46.2

99 100

42 16.1 13.7 20.5

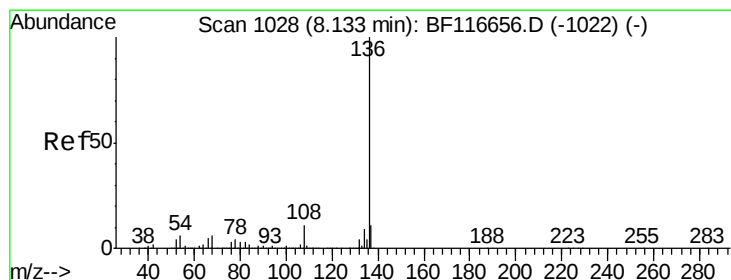
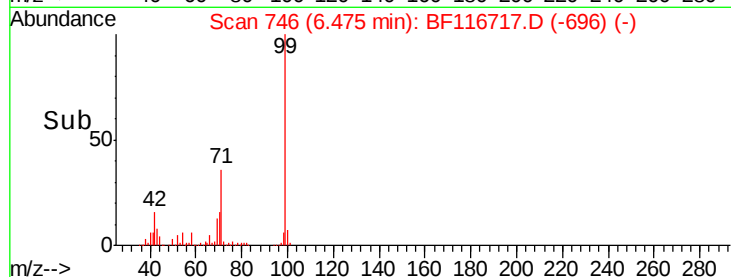
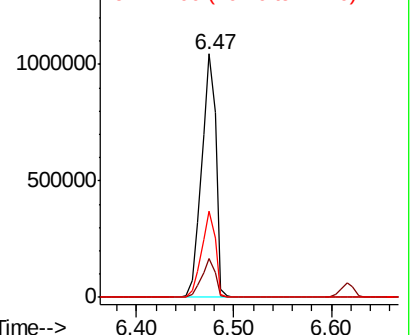
71 35.5 30.8 46.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116717.D

Acq: 1 Sep 2019 1:23

Tgt Ion: 136 Resp: 476287

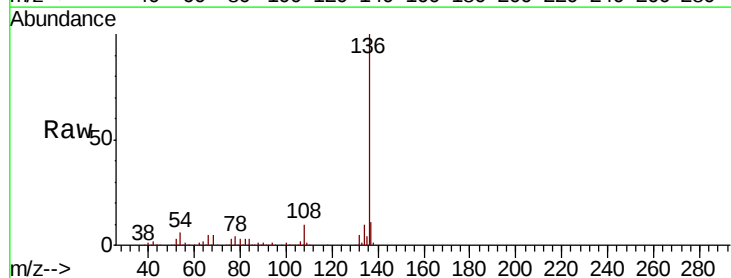
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.0	4.8	7.2
68	5.4	4.0	6.0

136 100

137 11.0 8.9 13.3

54 6.0 4.8 7.2

68 5.4 4.0 6.0

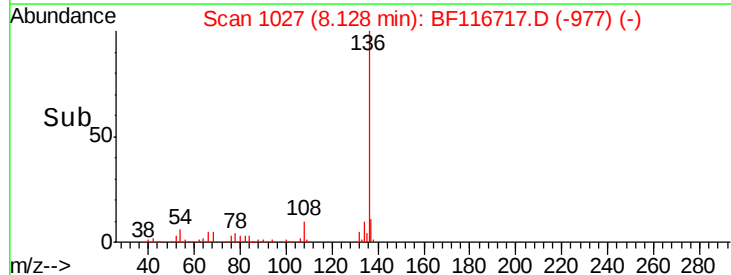
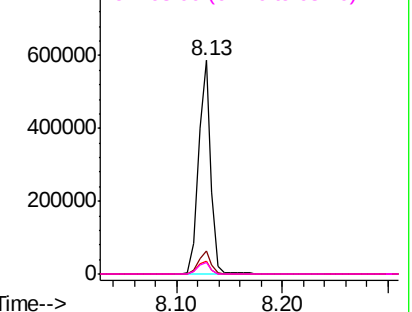


Abundance Ion 136.00 (135.70 to 136.70): E

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

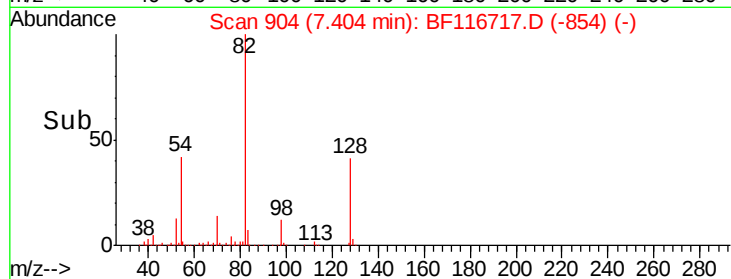
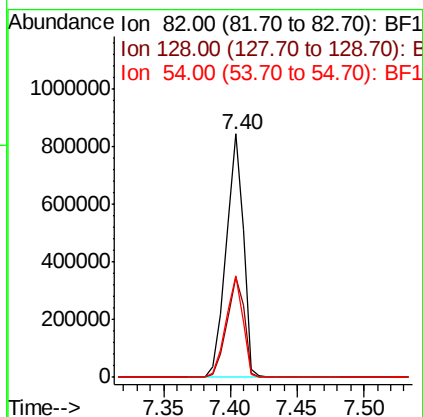
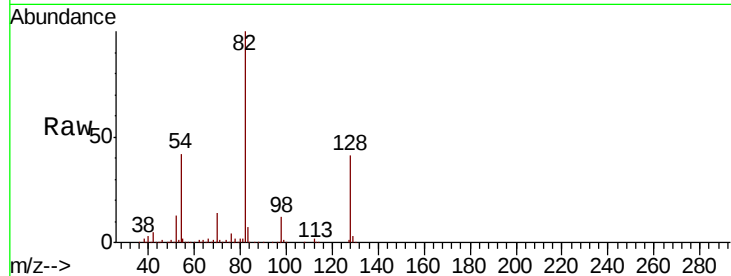




#23
Nitrobenzene-d5
Concen: 92.985 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116717.D
Acq: 1 Sep 2019 1:23

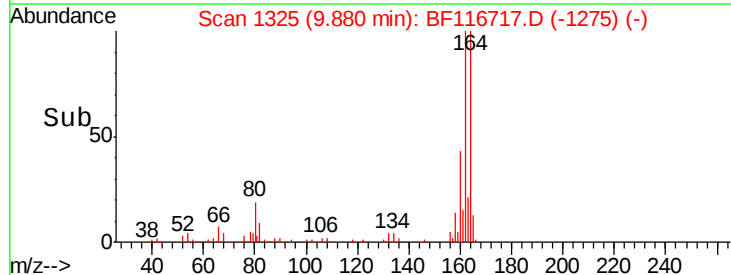
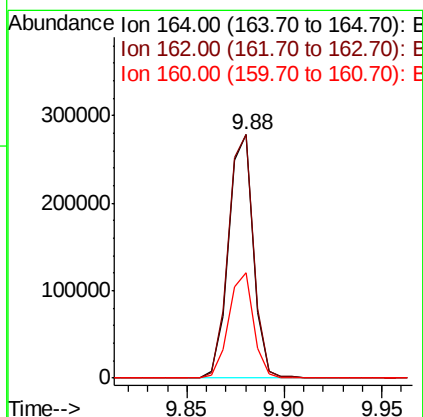
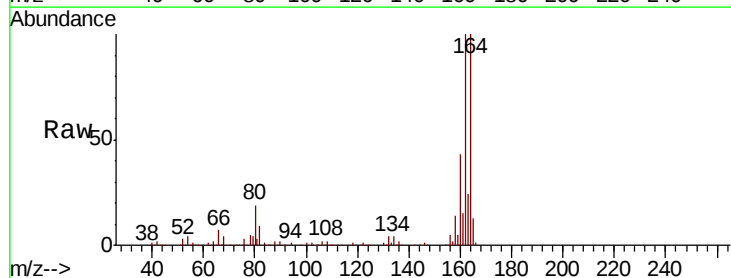
Instrument :
BNA_F
ClientSampleId :
GS-STOCKPILE

Tot Ion	82	Resp	775785
Ion Ratio	100	Lower	Upper
128	41.2	32.8	49.2
54	41.6	36.9	55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116717.D
Acq: 1 Sep 2019 1:23

Tgt Ion	164	Resp	244782
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.9	81.4	122.0
160	43.1	35.4	53.2

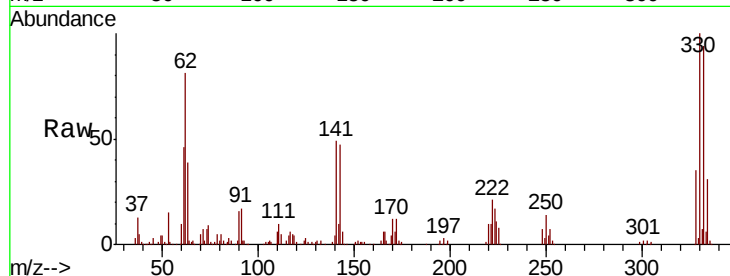




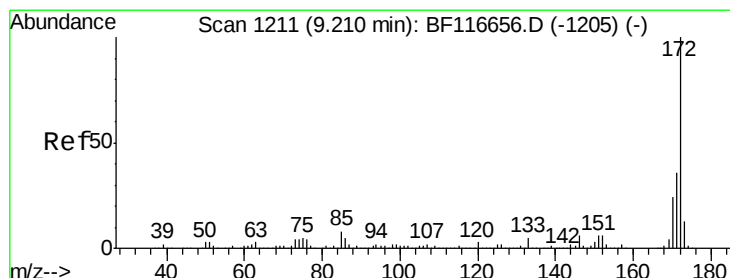
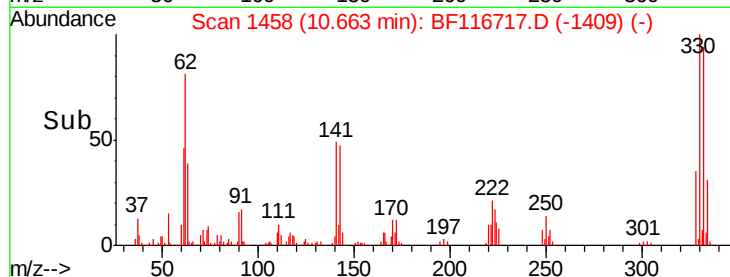
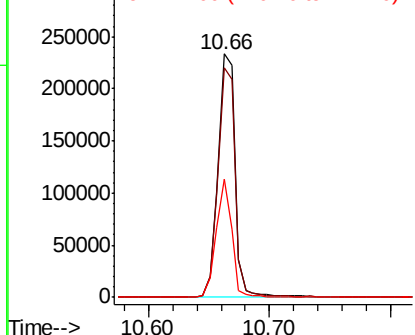
#42
 2,4,6-Tribromophenol
 Concen: 138.389 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116717.D
 Acq: 1 Sep 2019 1:23

Instrument :
 BNA_F
 ClientSampleId :
 GS-STOCKPILE

Tot Ion:330 Resp: 226462
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.9 115.3
 141 44.0 31.4 47.2

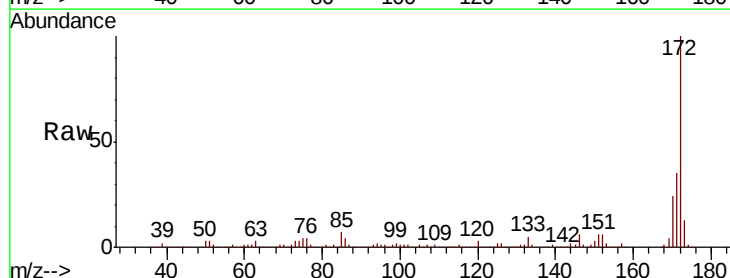


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

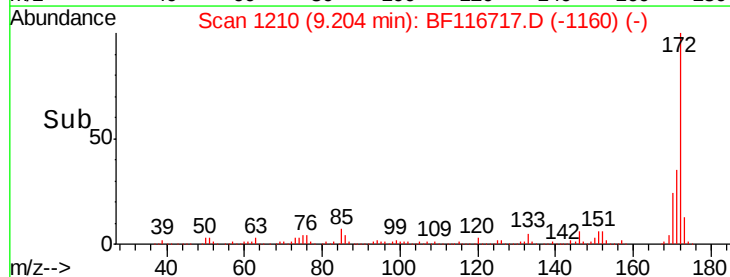
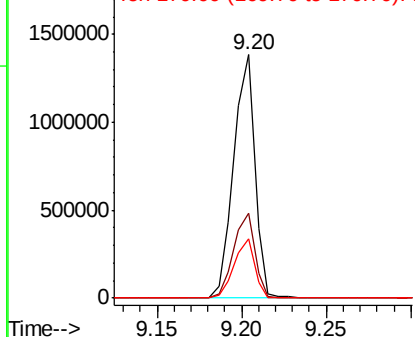


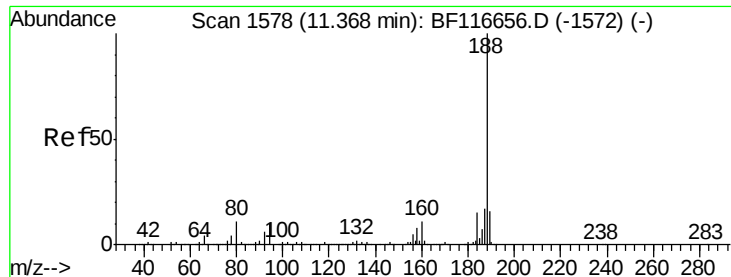
#45
 2-Fluorobiphenyl
 Concen: 83.281 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116717.D
 Acq: 1 Sep 2019 1:23

Tgt Ion:172 Resp: 1208471
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.8 41.6
 170 24.1 18.9 28.3



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

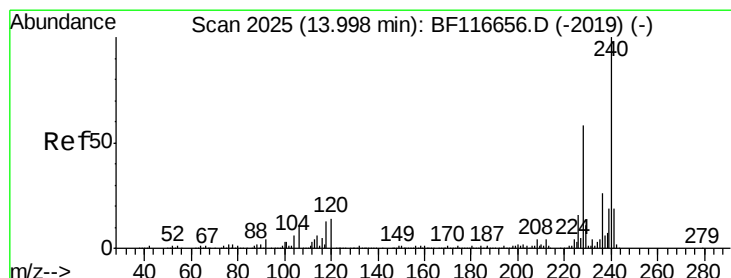
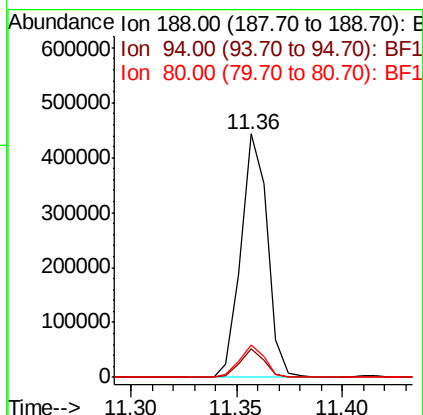
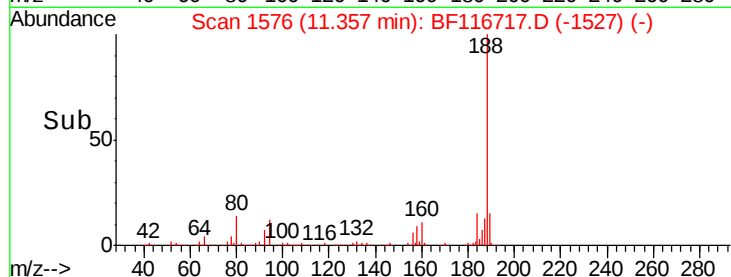
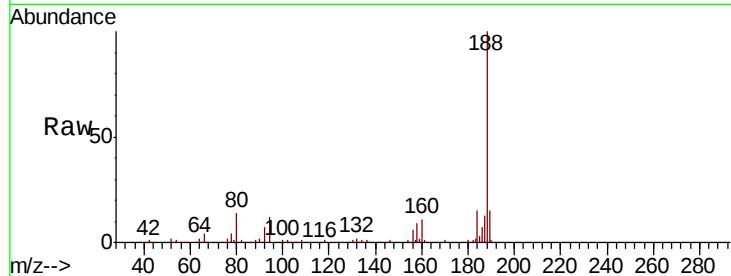




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116717.D
Acq: 1 Sep 2019 1:23

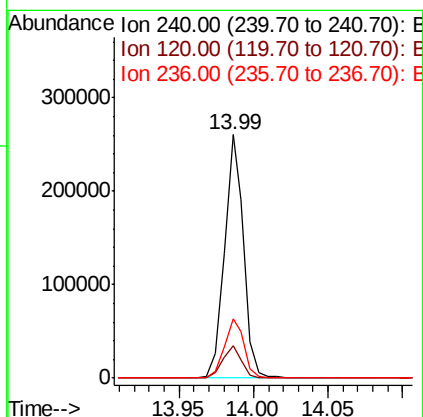
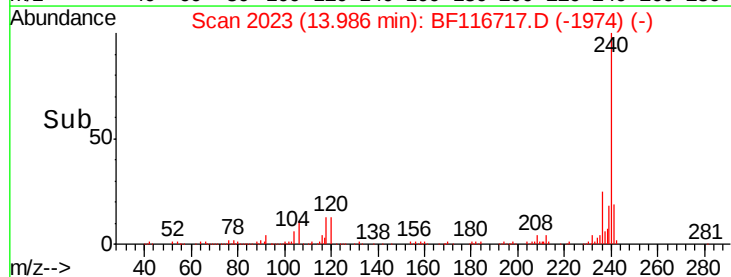
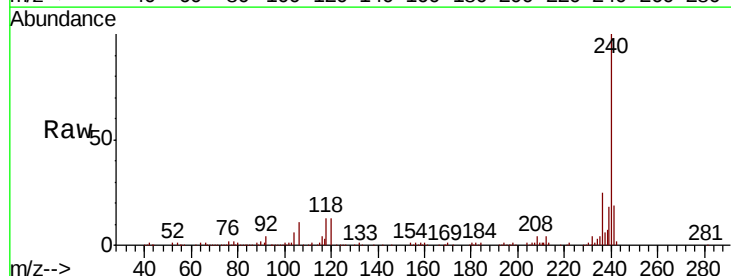
Instrument :
BNA_F
ClientSampleId :
GS-STOCKPILE

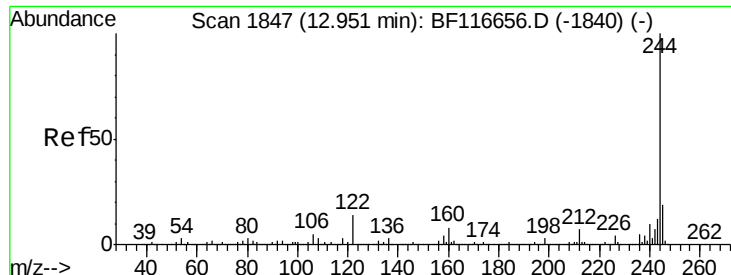
Tot Ion:188 Resp: 383899
Ion Ratio Lower Upper
188 100
94 11.6 7.3 10.9#
80 13.5 8.4 12.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116717.D
Acq: 1 Sep 2019 1:23

Tgt Ion:240 Resp: 233990
Ion Ratio Lower Upper
240 100
120 13.4 9.1 13.7
236 24.6 21.1 31.7





#79

Terphenyl-d14

Concen: 91.163 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116717.D

Acq: 1 Sep 2019 1:23

Instrument :

BNA_F

ClientSampleId :

GS-STOCKPILE

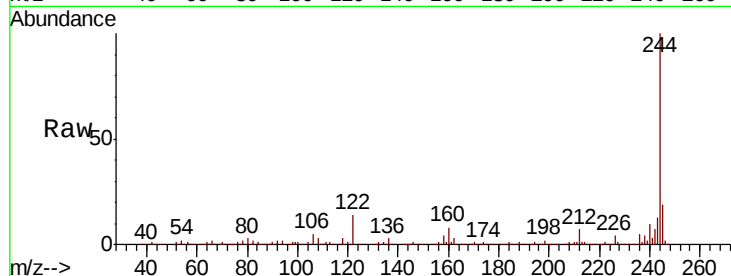
Tot Ion:244 Resp: 1153080

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

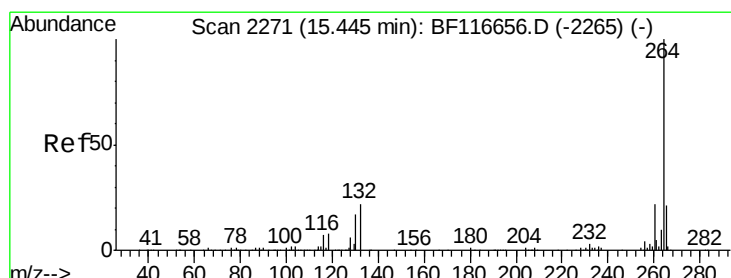
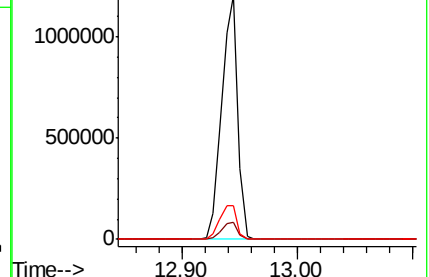
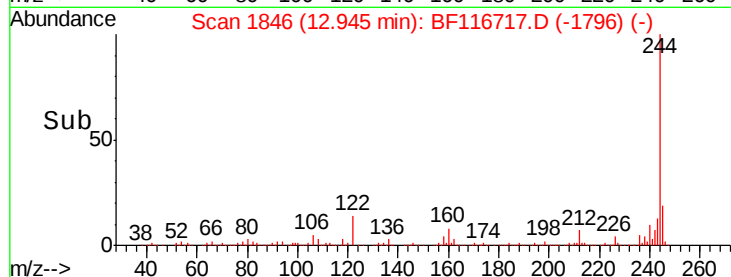
122 13.7 10.2 15.4



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: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF116717.D

Acq: 1 Sep 2019 1:23

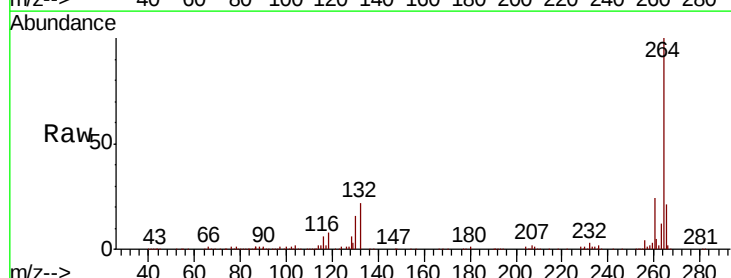
Tgt Ion:264 Resp: 279527

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 21.1 16.5 24.7



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

