

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044257.D
 Acq On : 31 Jan 2020 13:03
 Operator : CG/JU
 Sample : L1319-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAINEY-PARK-BH-01-C

Quant Time: Jan 31 23:52:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

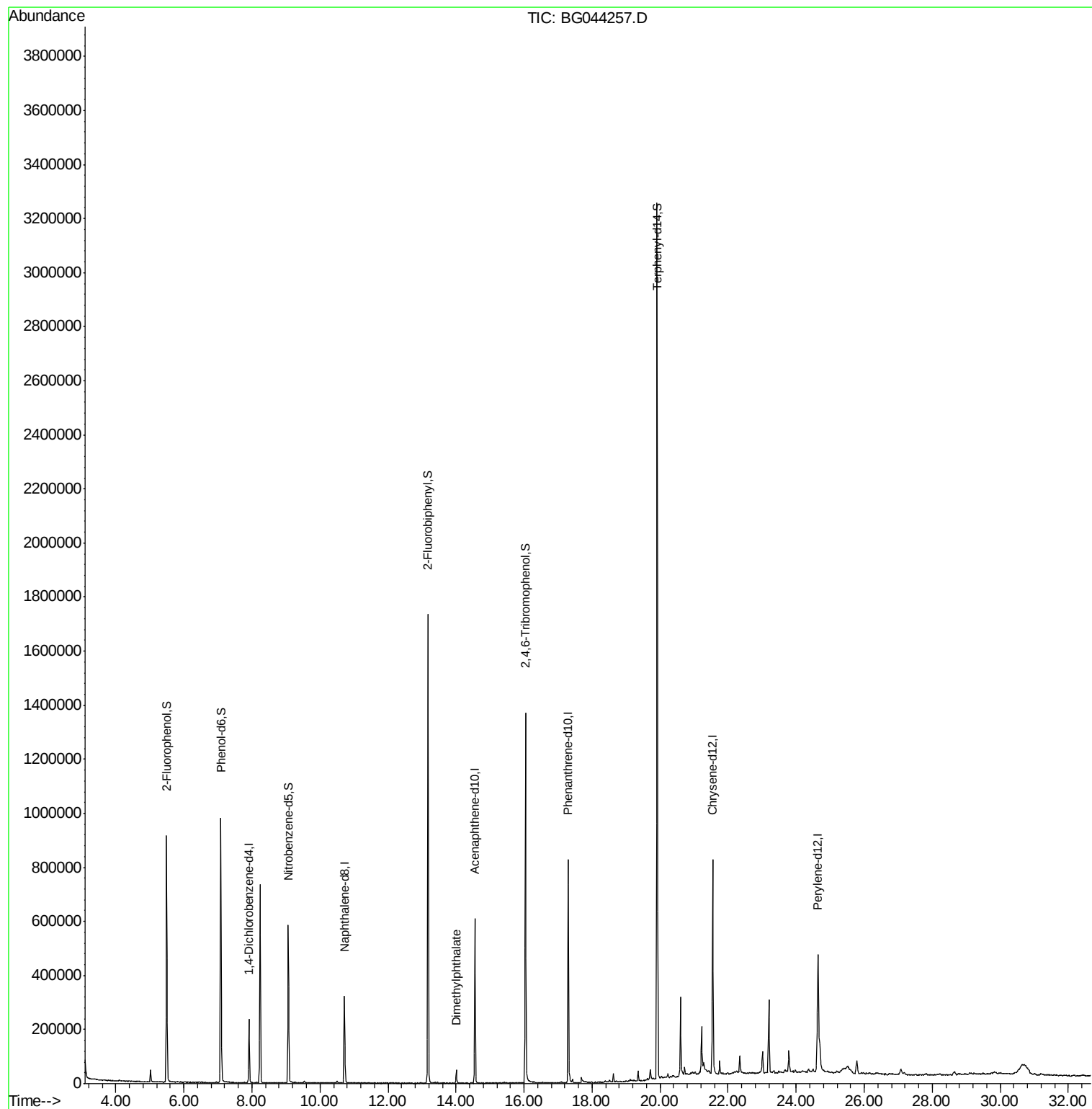
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69083	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	308795	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	227740	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	521628	20.00	ng	0.00
76) Chrysene-d12	21.54	240	455988	20.00	ng	0.00
87) Perylene-d12	24.64	264	515223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	450204	115.01	ng	0.00
7) Phenol-d6	7.08	99	633864	120.59	ng	0.00
23) Nitrobenzene-d5	9.07	82	380801	69.62	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	273768	102.40	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	932476	68.56	ng	0.00
79) Terphenyl-d14	19.91	244	1551333	69.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	39211	2.395	ng	Qvalue 99

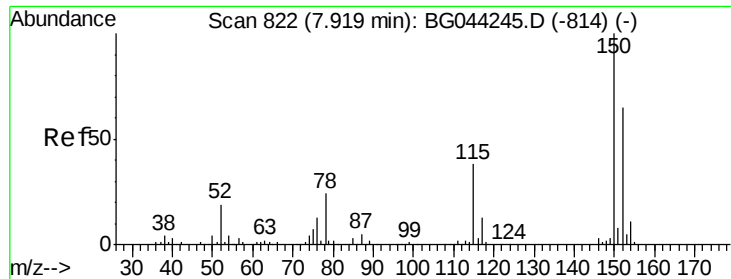
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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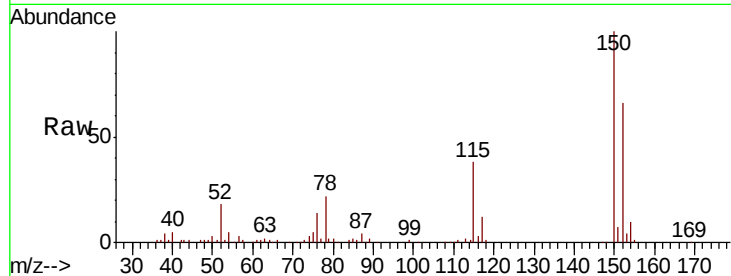


#1

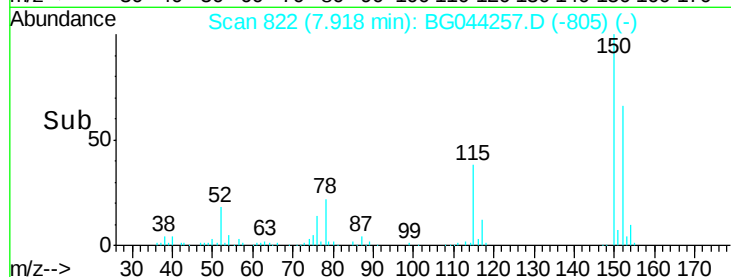
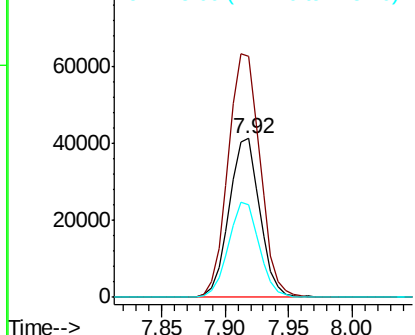
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044257.D
Acq: 31 Jan 2020 13:03

Instrument :
BNA_G
ClientSampleId :
RAINEY-PARK-BH-01-C

Tot Ion:152 Resp: 69083
Ion Ratio Lower Upper
152 100
150 152.2 122.6 183.8
115 58.5 46.0 69.0



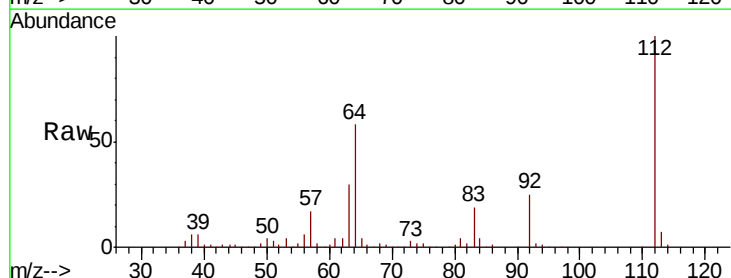
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



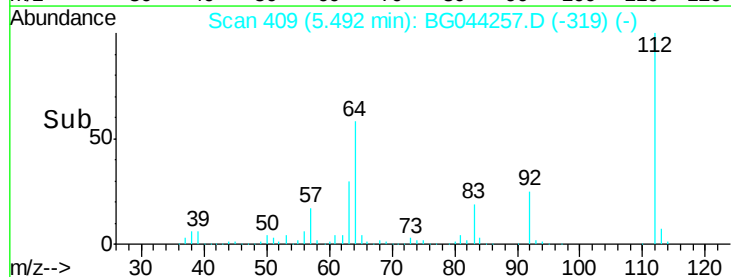
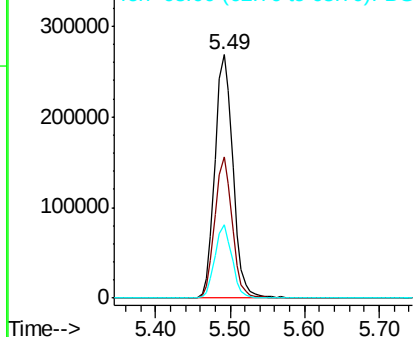
#5

2-Fluorophenol
Concen: 115.012 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044257.D
Acq: 31 Jan 2020 13:03

Tgt Ion:112 Resp: 450204
Ion Ratio Lower Upper
112 100
64 57.7 45.4 68.2
63 30.0 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 120.588 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044257.D

Acq: 31 Jan 2020 13:03

Instrument :

BNA_G

ClientSampleId :

RAINEY-PARK-BH-01-C

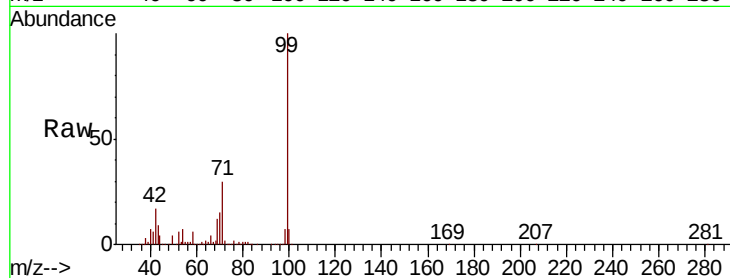
Tot Ion: 99 Resp: 633864

Ion Ratio Lower Upper

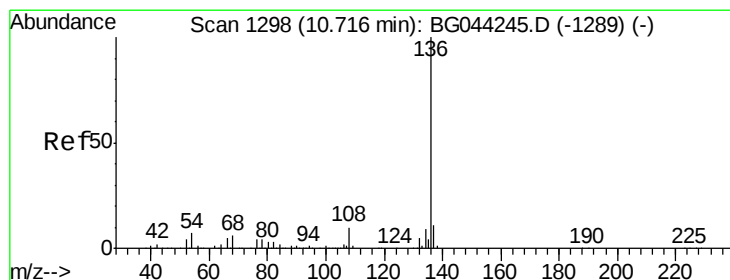
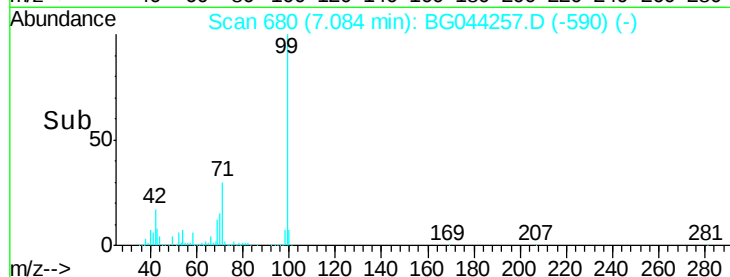
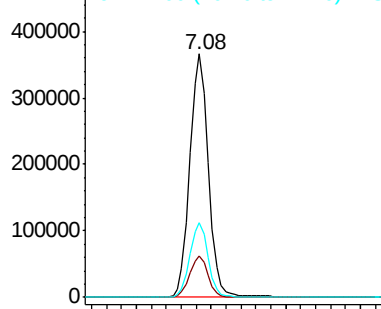
99 100

42 17.0 13.8 20.6

71 30.5 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044257.D

Acq: 31 Jan 2020 13:03

Tgt Ion: 136 Resp: 308795

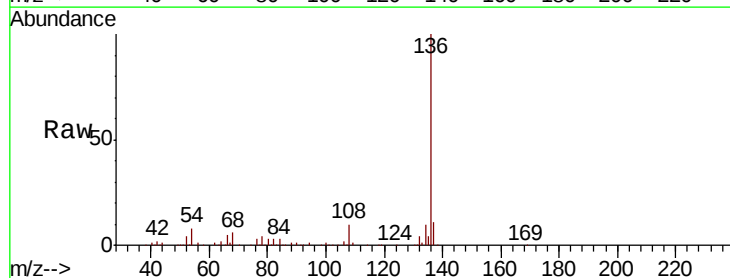
Ion Ratio Lower Upper

136 100

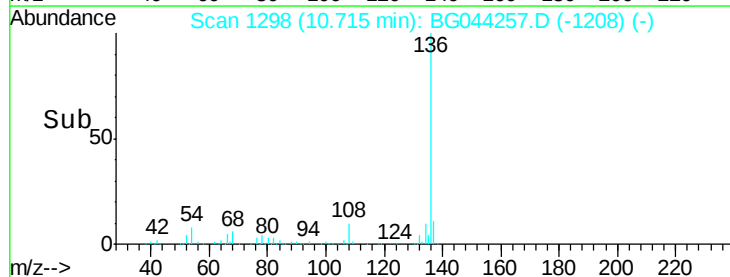
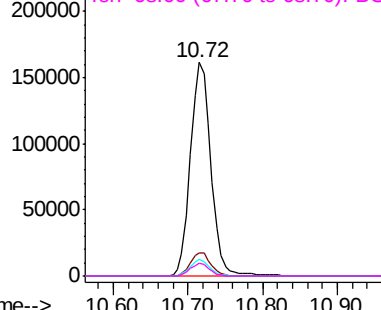
137 10.9 8.8 13.2

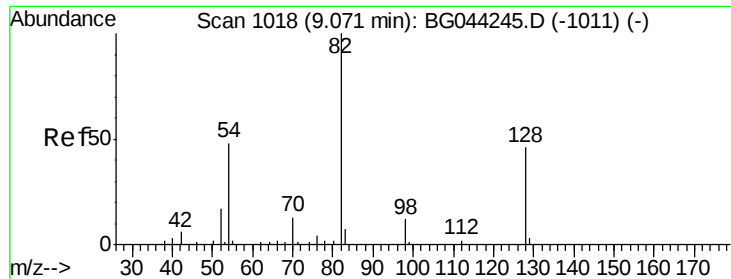
54 7.7 5.8 8.8

68 5.9 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

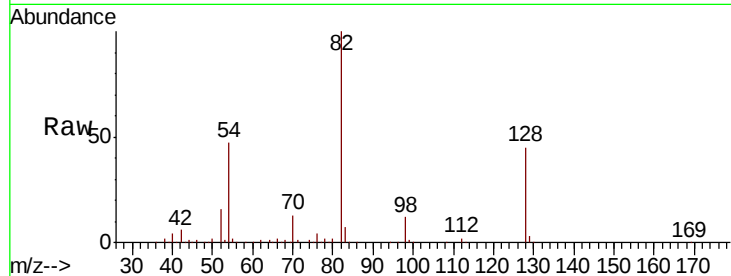




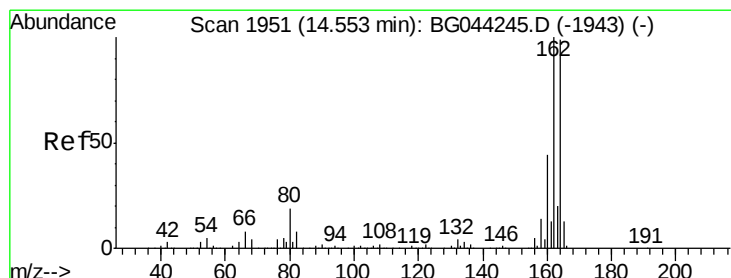
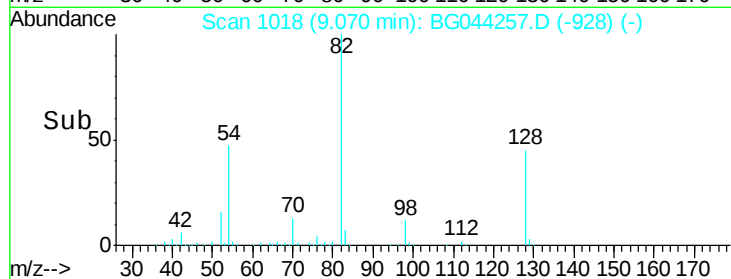
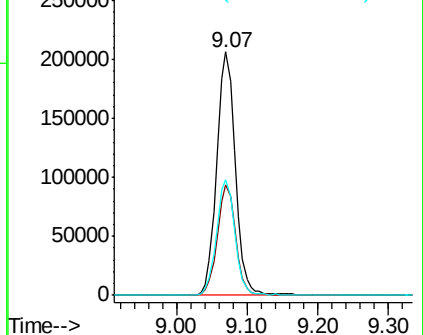
#23
 Nitrobenzene-d5
 Concen: 69.621 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044257.D
 Acq: 31 Jan 2020 13:03

Instrument :
 BNA_G
 ClientSampleId :
 RAINEY-PARK-BH-01-C

Tot Ion	82	Resp	380801
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.5	54.7
54	47.3	38.6	58.0

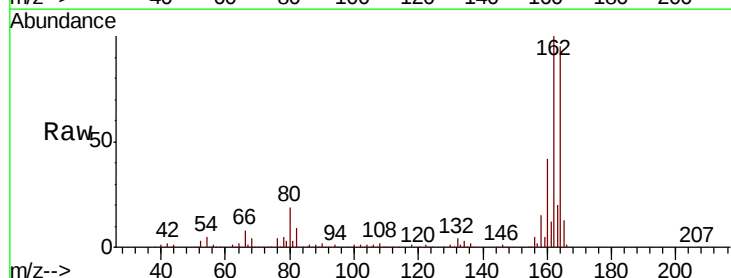


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

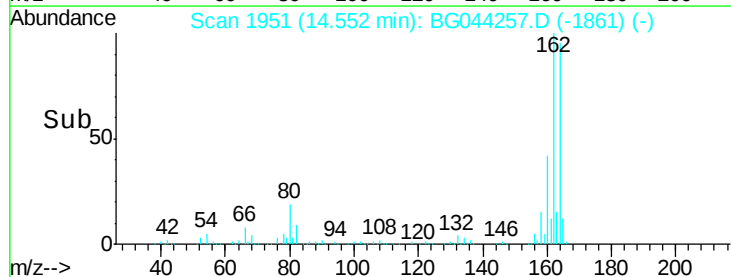
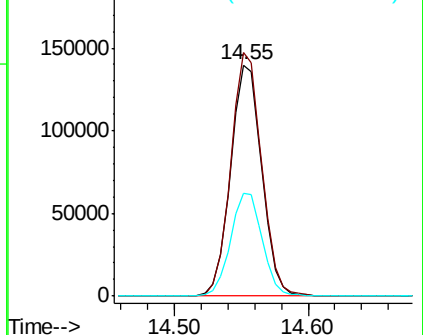


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG044257.D
 Acq: 31 Jan 2020 13:03

Tgt Ion	164	Resp	227740
Ion Ratio	Lower	Upper	
164	100		
162	105.2	80.7	121.1
160	44.3	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

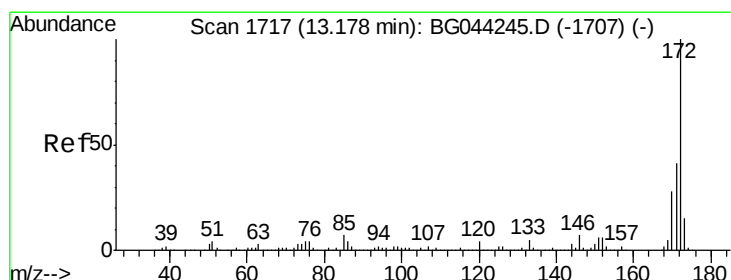
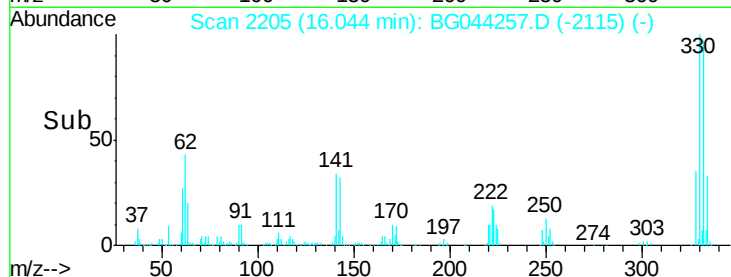
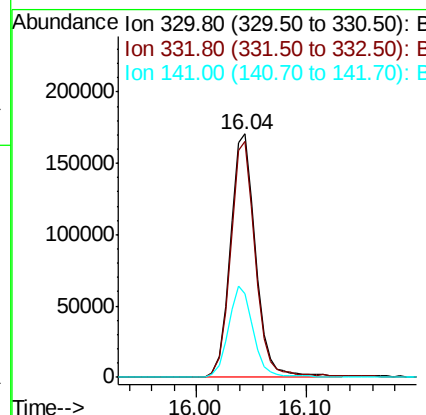
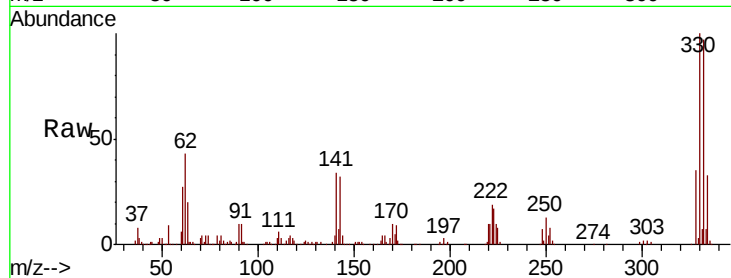




#42
 2,4,6-Tribromophenol
 Concen: 102.399 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG044257.D
 Acq: 31 Jan 2020 13:03

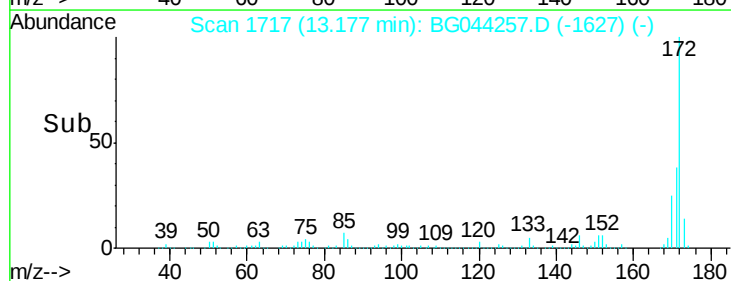
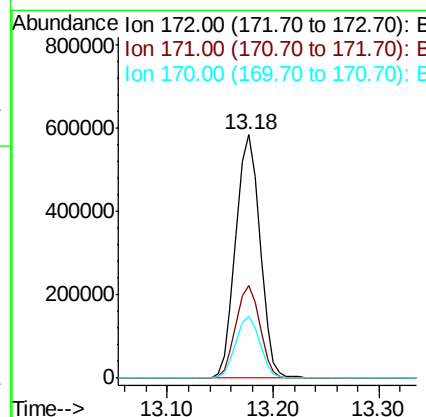
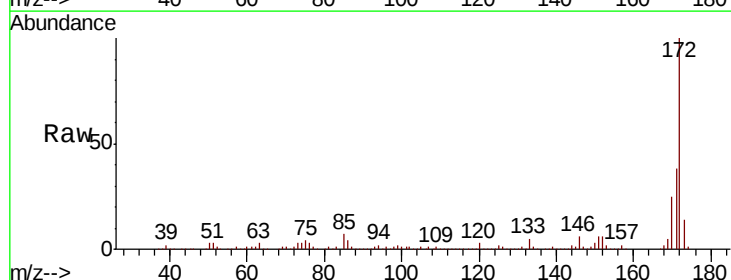
Instrument :
 BNA_G
 ClientSampleId :
 RAINEY-PARK-BH-01-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	36.9	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 68.564 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044257.D
 Acq: 31 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.9	49.3
170	25.5	22.0	33.0





#50

Dimethylphthalate

Concen: 2.395 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044257.D

Acq: 31 Jan 2020 13:03

Instrument :

BNA_G

ClientSampleId :

RAINEY-PARK-BH-01-C

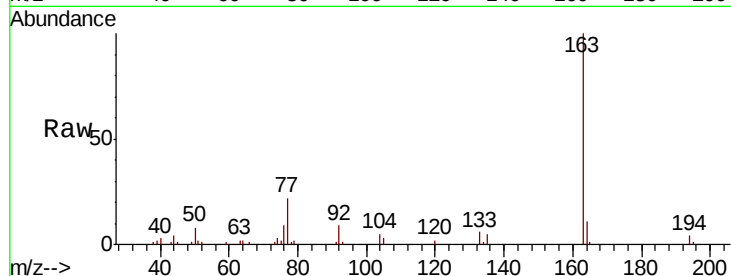
Tot Ion:163 Resp: 39211

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4

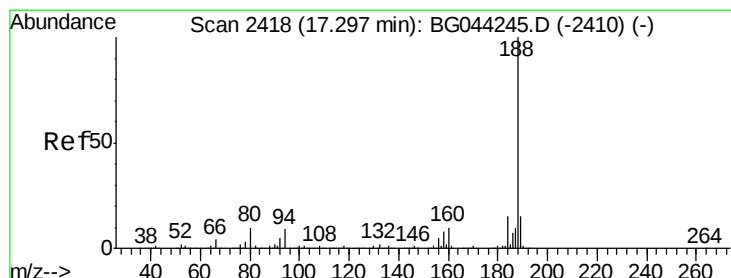
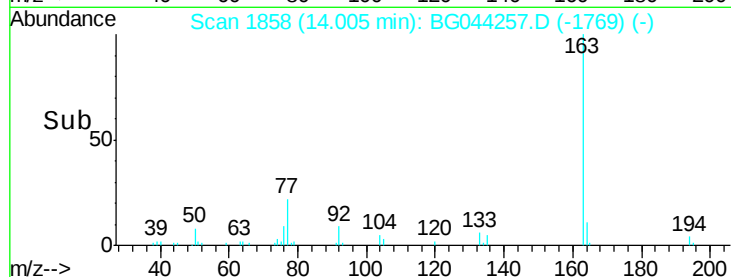
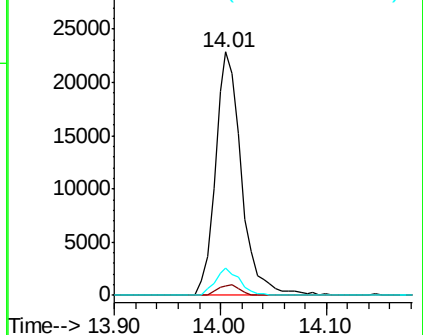
164 11.0 8.7 13.1



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: 17.30 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044257.D

Acq: 31 Jan 2020 13:03

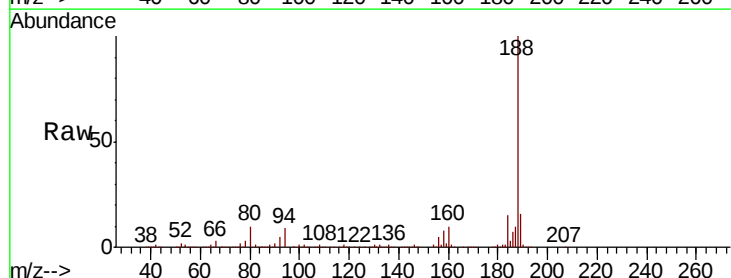
Tgt Ion:188 Resp: 521628

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

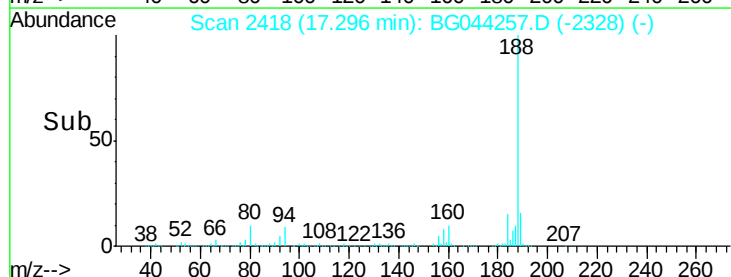
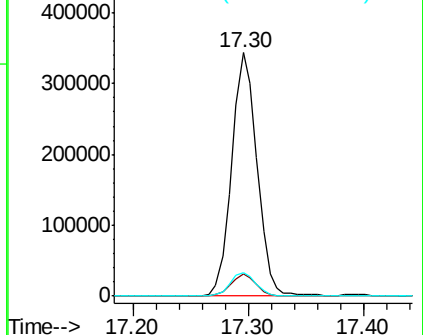
80 9.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044257.D

Acq: 31 Jan 2020 13:03

Instrument :

BNA_G

ClientSampleId :

RAINEY-PARK-BH-01-C

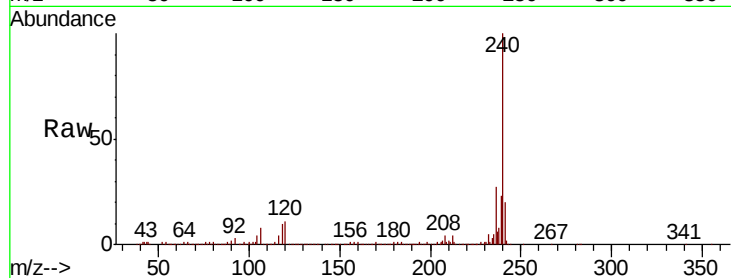
Tot Ion:240 Resp: 455988

Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

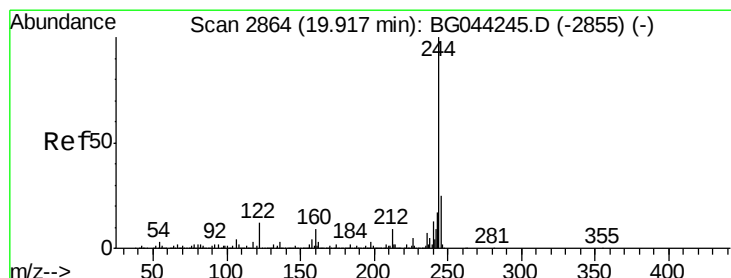
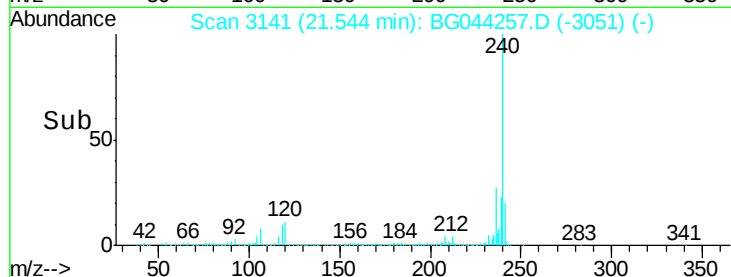
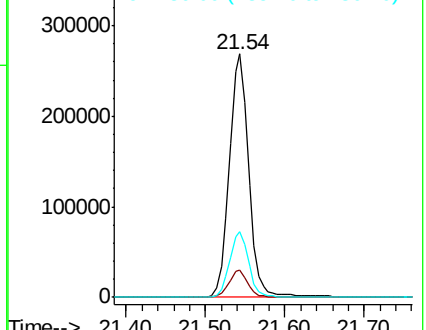
236 27.0 22.1 33.1



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: 69.978 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044257.D

Acq: 31 Jan 2020 13:03

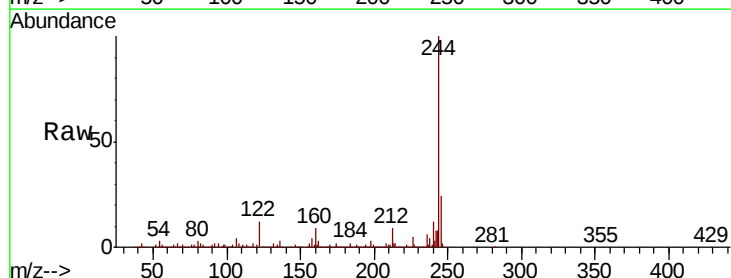
Tgt Ion:244 Resp: 1551333

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

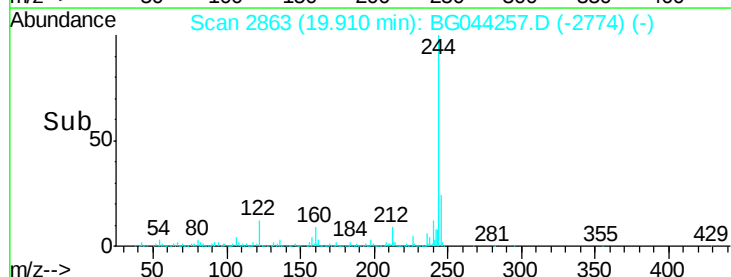
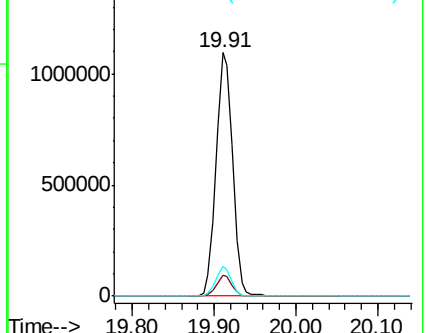
122 12.4 9.8 14.6

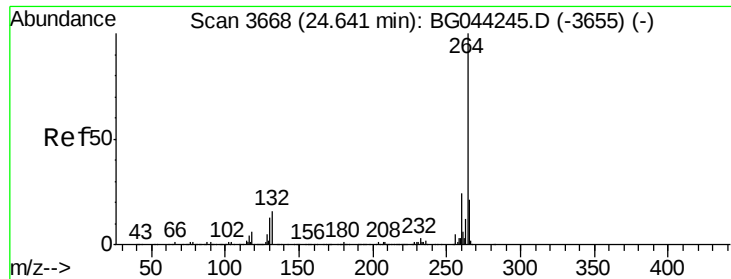


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044257.D
Acq: 31 Jan 2020 13:03

Instrument :
BNA_G
ClientSampleId :
RAINEY-PARK-BH-01-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.1	16.7	25.1

