

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044261.D
 Acq On : 31 Jan 2020 15:49
 Operator : CG/JU
 Sample : L1319-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAINEY-PARK-BH-02-B

Quant Time: Feb 01 00:06:26 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

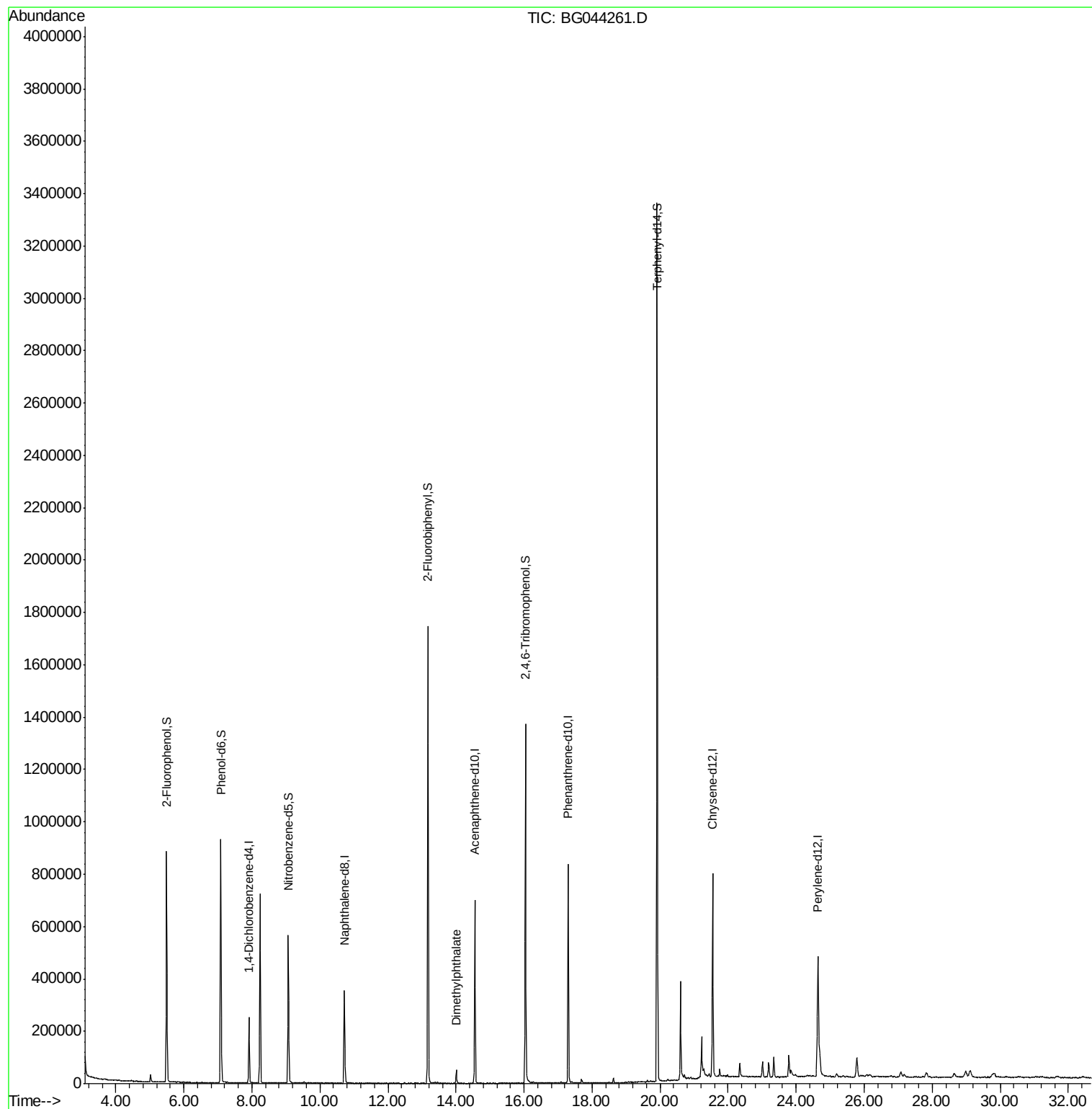
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	74668	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	329972	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	242924	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	529449	20.00	ng	0.00
76) Chrysene-d12	21.54	240	465903	20.00	ng	0.00
87) Perylene-d12	24.64	264	517840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	432615	102.25	ng	0.00
7) Phenol-d6	7.09	99	603909	106.30	ng	0.00
23) Nitrobenzene-d5	9.07	82	363765	62.24	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	259960	91.16	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	957973	66.04	ng	0.00
79) Terphenyl-d14	19.91	244	1547059	68.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	39428	2.258	ng	Qvalue # 95

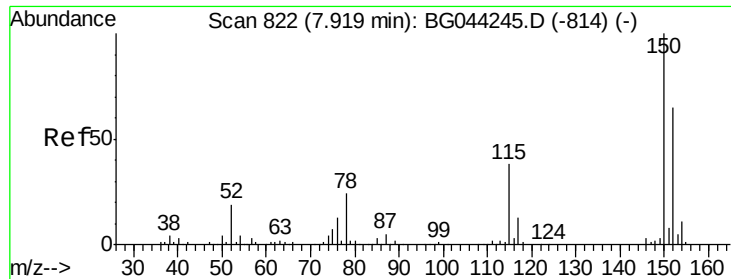
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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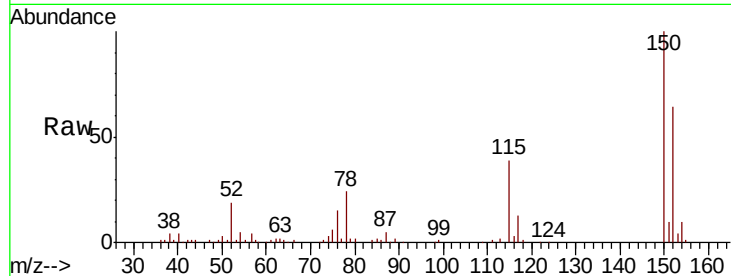


#1

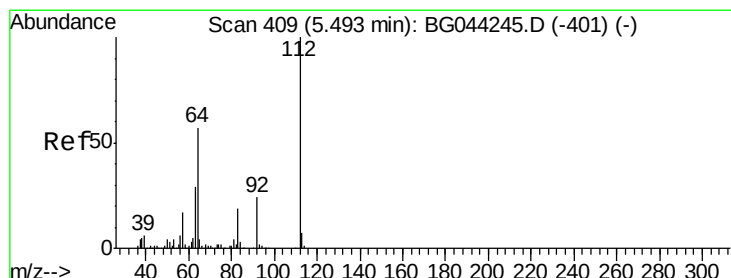
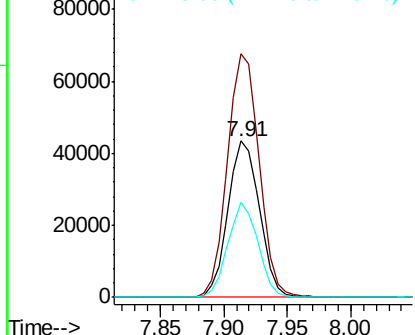
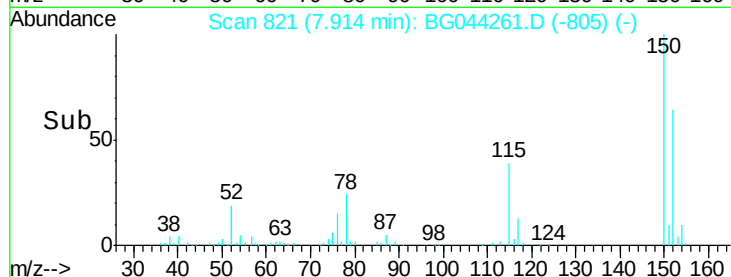
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044261.D
 Acq: 31 Jan 2020 15:49

Instrument :
 BNA_G
 ClientSampleId :
 RAINEY-PARK-BH-02-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.6	183.8
115	60.8	46.0	69.0



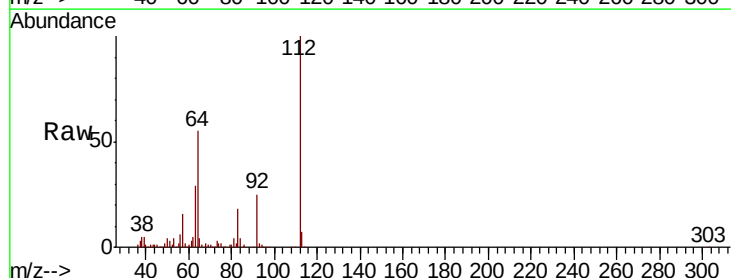
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



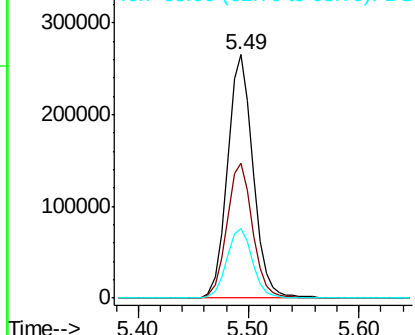
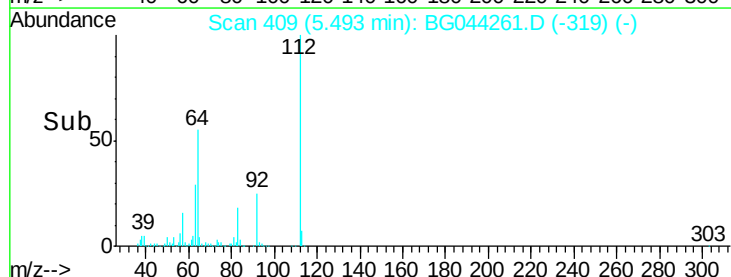
#5

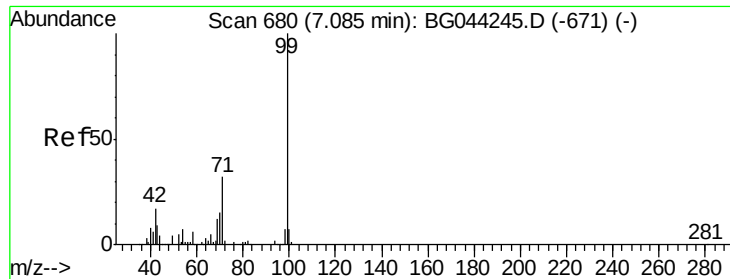
2-Fluorophenol
 Concen: 102.252 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044261.D
 Acq: 31 Jan 2020 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.4	68.2
63	28.6	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: 106.296 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044261.D

Acq: 31 Jan 2020 15:49

Instrument :

BNA_G

ClientSampleId :

RAINEY-PARK-BH-02-B

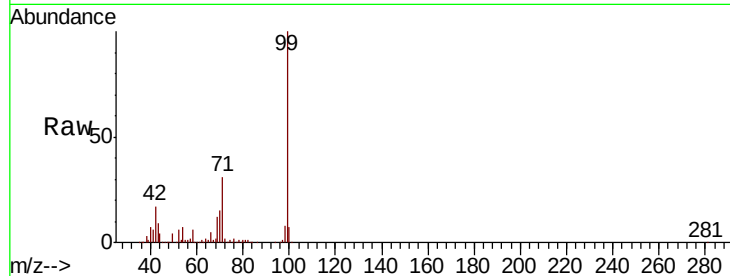
Tot Ion: 99 Resp: 603909

Ion Ratio Lower Upper

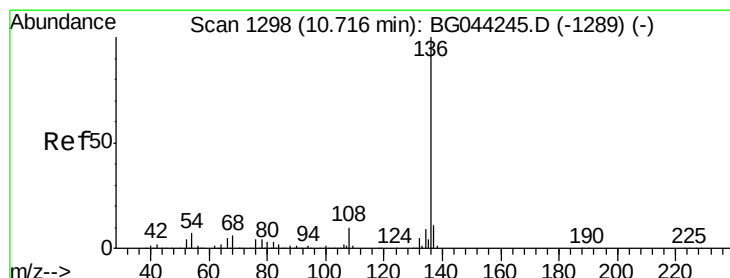
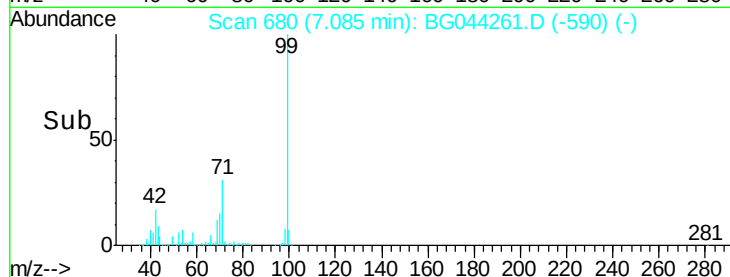
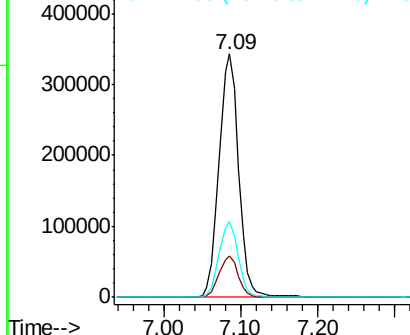
99 100

42 17.0 13.8 20.6

71 31.0 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: BG044261.D

Acq: 31 Jan 2020 15:49

Tgt Ion: 136 Resp: 329972

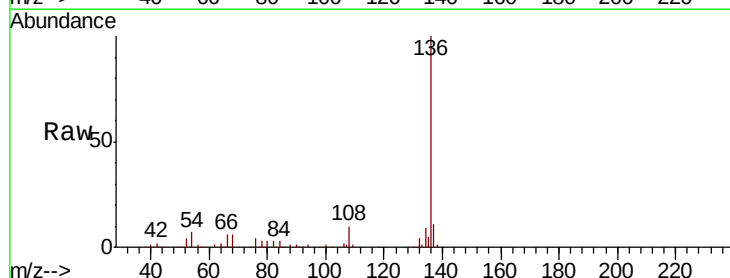
Ion Ratio Lower Upper

136 100

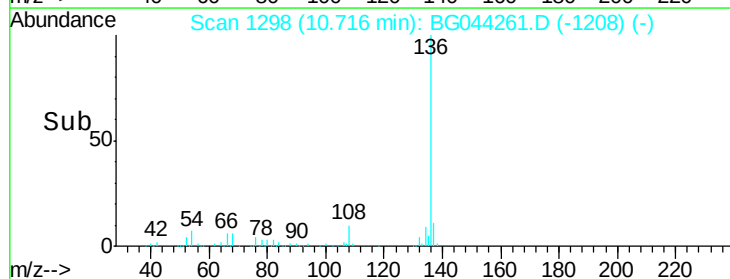
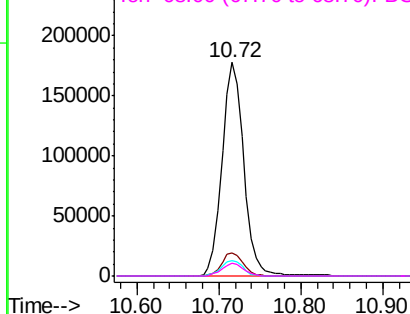
137 11.1 8.8 13.2

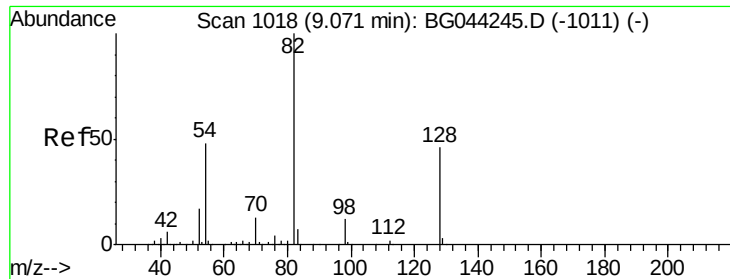
54 7.5 5.8 8.8

68 5.7 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

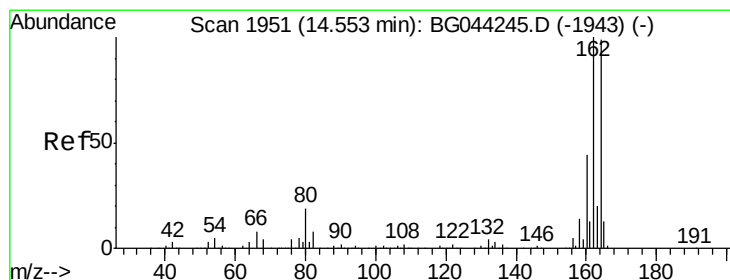
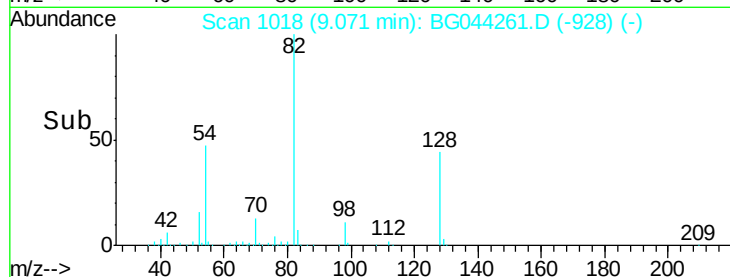
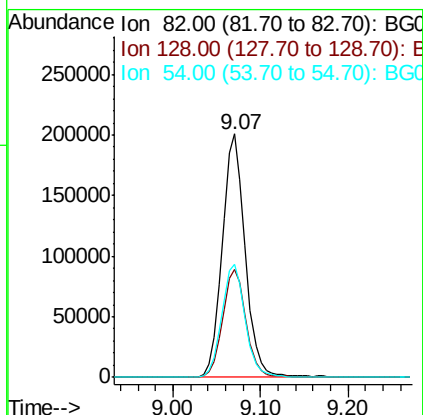
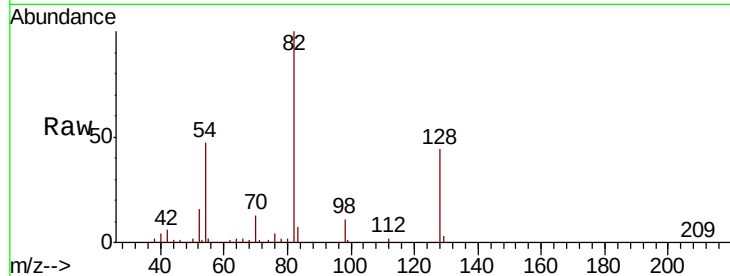




#23
Nitrobenzene-d5
Concen: 62.238 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044261.D
Acq: 31 Jan 2020 15:49

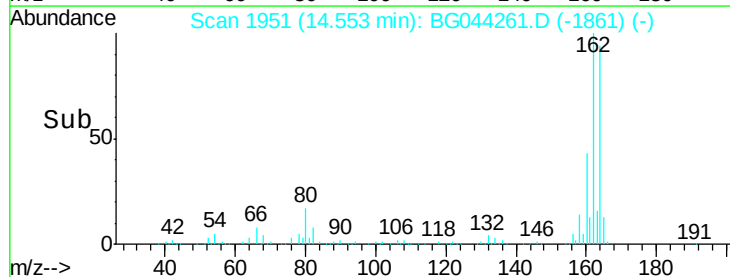
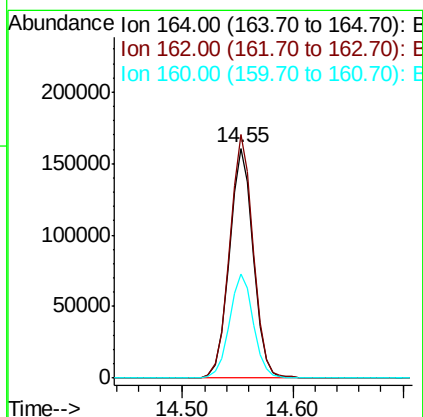
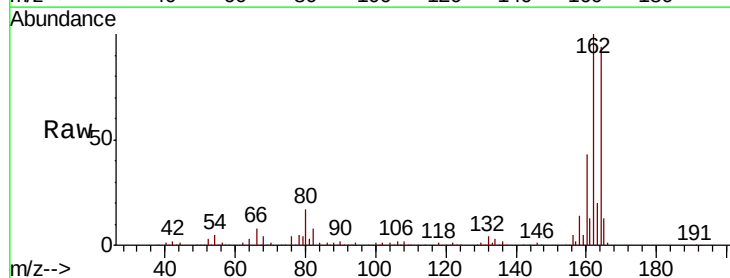
Instrument :
BNA_G
ClientSampleId :
RAINEY-PARK-BH-02-B

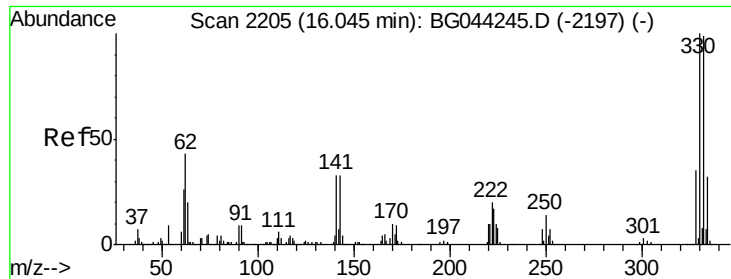
Tot Ion	82	Resp	363765
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.5	54.7
54	46.6	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044261.D
Acq: 31 Jan 2020 15:49

Tgt Ion	164	Resp	242924
Ion Ratio	Lower	Upper	
164	100		
162	106.0	80.7	121.1
160	45.5	35.3	52.9

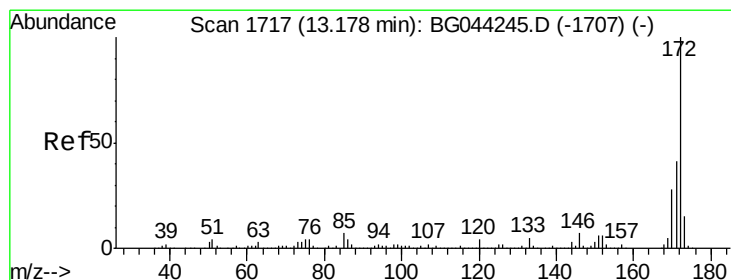
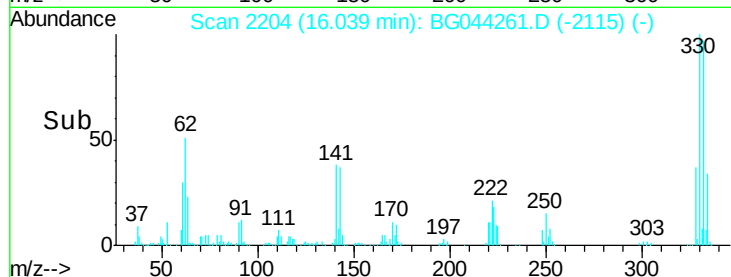
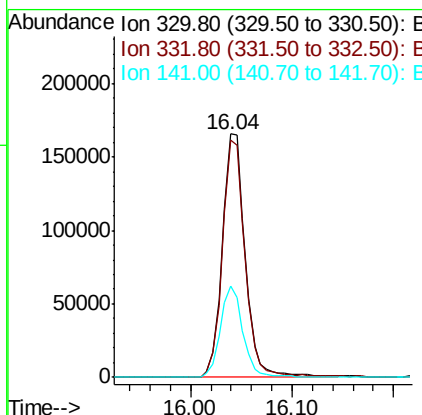
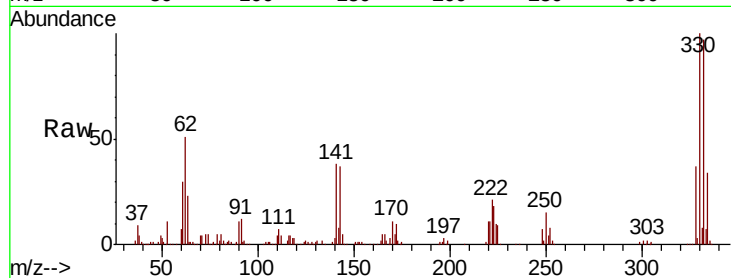




#42
 2,4,6-Tribromophenol
 Concen: 91.157 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044261.D
 Acq: 31 Jan 2020 15:49

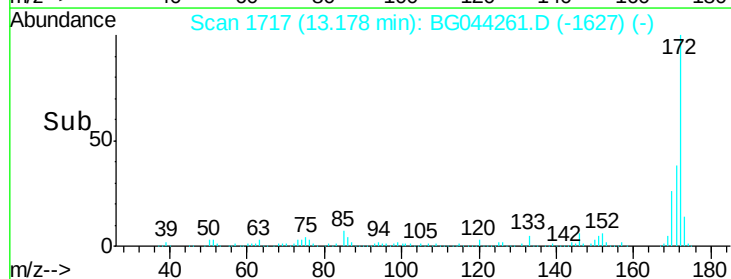
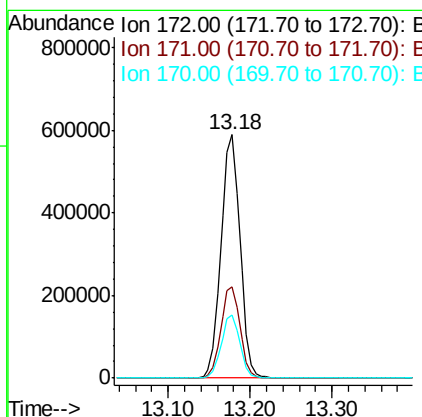
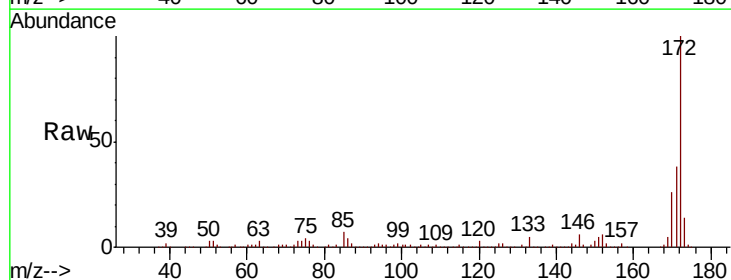
Instrument :
 BNA_G
 ClientSampleId :
 RAINEY-PARK-BH-02-B

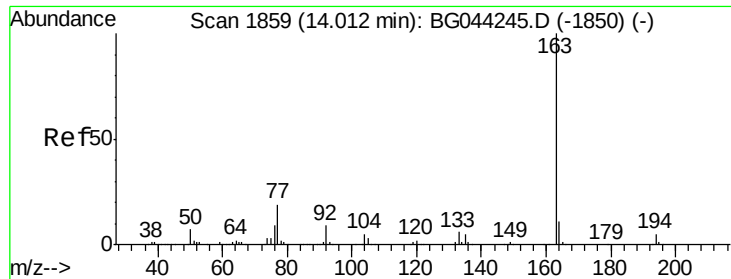
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	37.1	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 66.036 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044261.D
 Acq: 31 Jan 2020 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.9	49.3
170	26.0	22.0	33.0





#50

Dimethylphthalate

Concen: 2.258 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044261.D

Acq: 31 Jan 2020 15:49

Instrument :

BNA_G

ClientSampleId :

RAINEY-PARK-BH-02-B

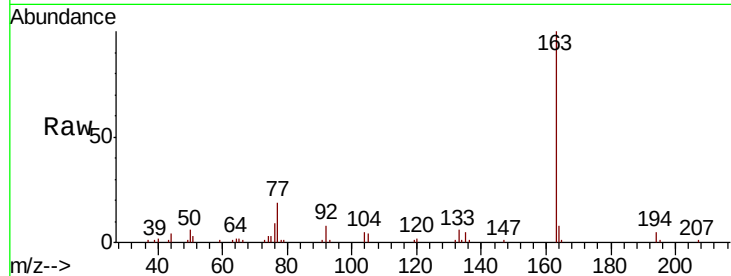
Tot Ion:163 Resp: 39428

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

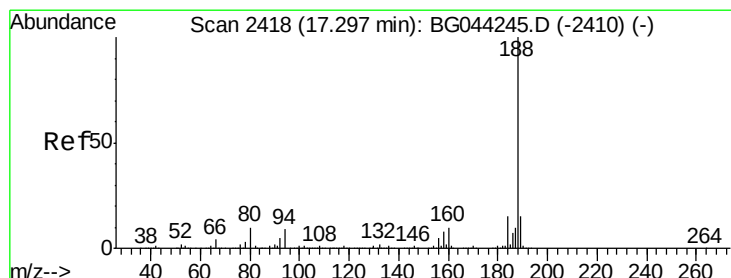
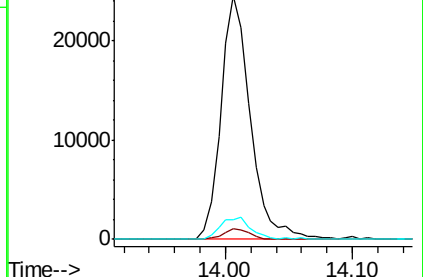
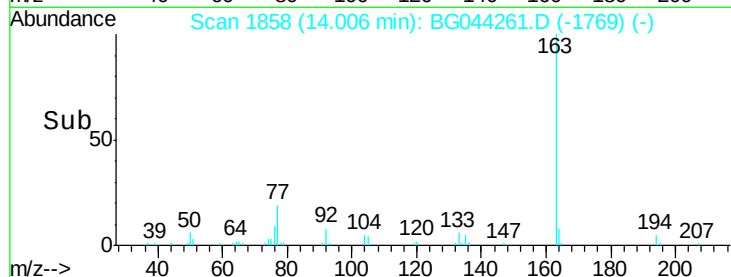
164 8.1 8.7 13.1#



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: BG044261.D

Acq: 31 Jan 2020 15:49

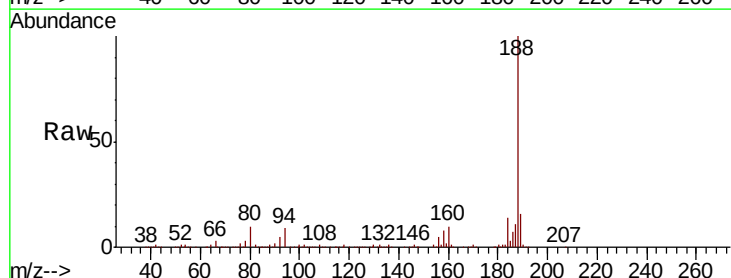
Tgt Ion:188 Resp: 529449

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

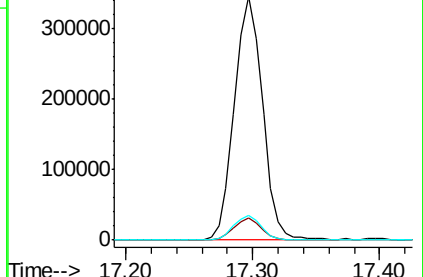
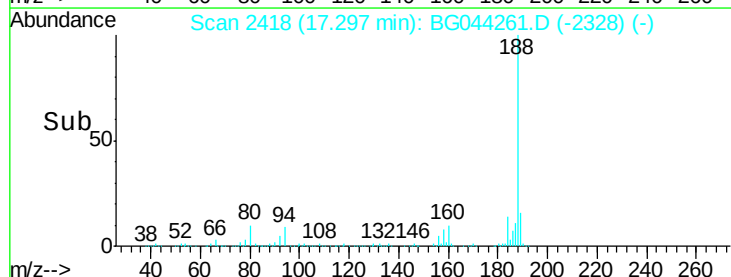
80 9.9 7.7 11.5

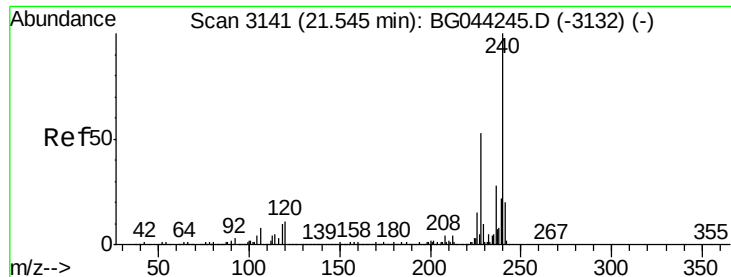


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

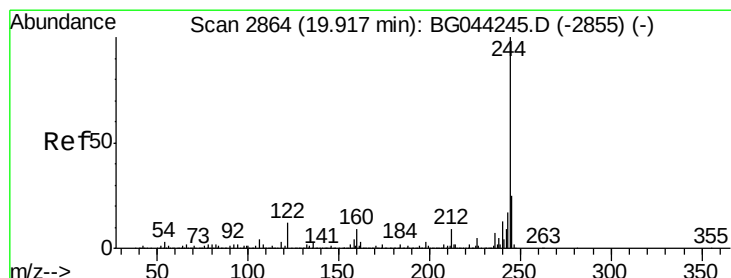
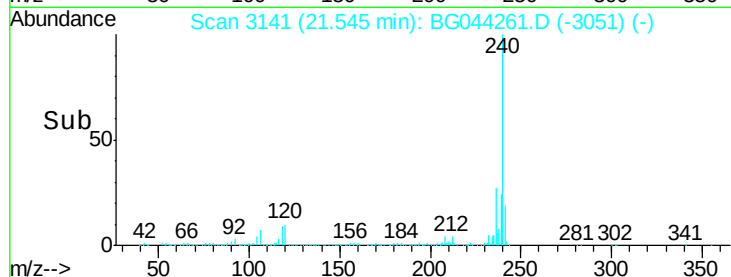
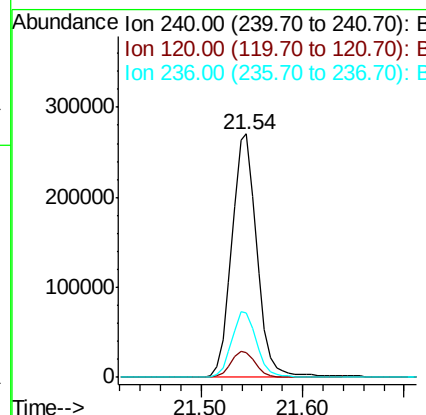
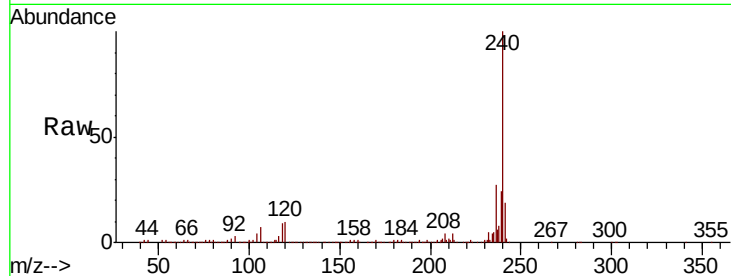




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG044261.D
Acq: 31 Jan 2020 15:49

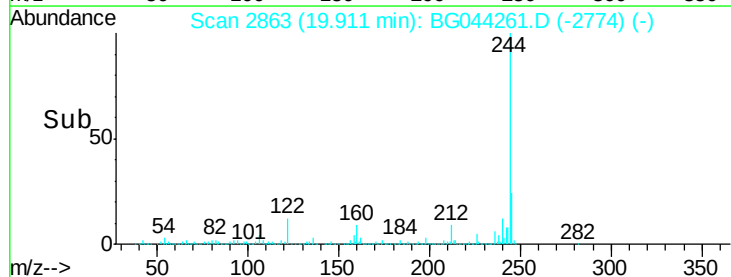
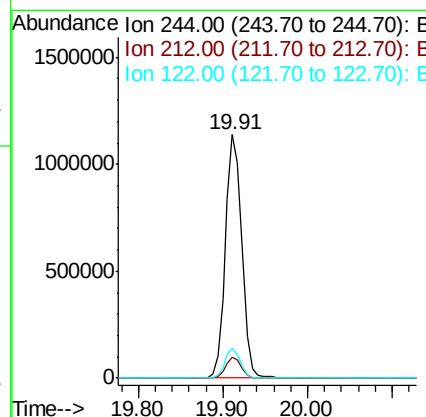
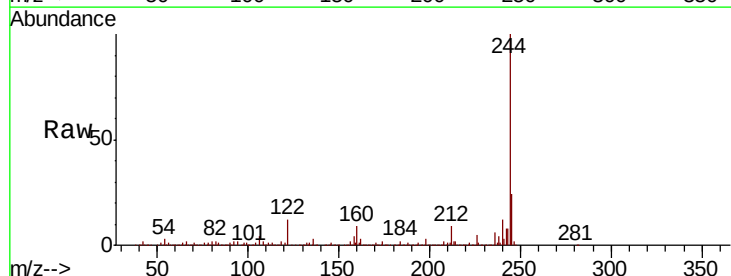
Instrument :
BNA_G
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RAINEY-PARK-BH-02-B

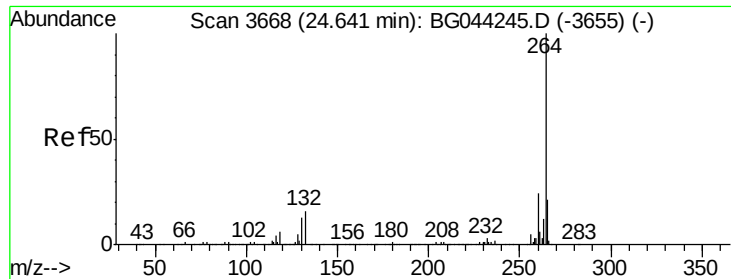
Tot Ion:240 Resp: 465903
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.6 22.1 33.1



#79
Terphenyl-d14
Concen: 68.300 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG044261.D
Acq: 31 Jan 2020 15:49

Tgt Ion:244 Resp: 1547059
Ion Ratio Lower Upper
244 100
212 8.6 7.4 11.2
122 12.2 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044261.D
Acq: 31 Jan 2020 15:49

Instrument :
BNA_G
ClientSampleId :
RAINEY-PARK-BH-02-B

Tot Ion: 264 Resp: 517840

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.6	16.7	25.1

