

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044260.D
 Acq On : 31 Jan 2020 15:10
 Operator : CG/JU
 Sample : L1319-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Feb 01 00:03:59 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	73079	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	331182	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	244589	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	537684	20.00	ng	0.00
76) Chrysene-d12	21.54	240	469306	20.00	ng	0.00
87) Perylene-d12	24.64	264	532518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	443677	107.15	ng	0.00
7) Phenol-d6	7.08	99	626961	112.75	ng	0.00
23) Nitrobenzene-d5	9.07	82	378582	64.54	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	265618	92.51	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	959183	65.67	ng	0.00
79) Terphenyl-d14	19.91	244	1446415	63.39	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.00	163	36788	2.092	ng	98
71) Phenanthrene	17.34	178	134078	5.150	ng	97
75) Fluoranthene	19.35	202	226412	7.517	ng	96
78) Pyrene	19.71	202	209683	6.957	ng	93
81) Benzo(a)anthracene	21.52	228	99462	3.439	ng	94
83) Chrysene	21.59	228	93143	3.332	ng	95
88) Benzo(b)fluoranthene	23.66	252	123722	4.032	ng	99
90) Benzo(a)pyrene	24.49	252	91152	3.142	ng	96
92) Benzo(g,h,i)perylene	29.23	276	62059	2.159	ng	95

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

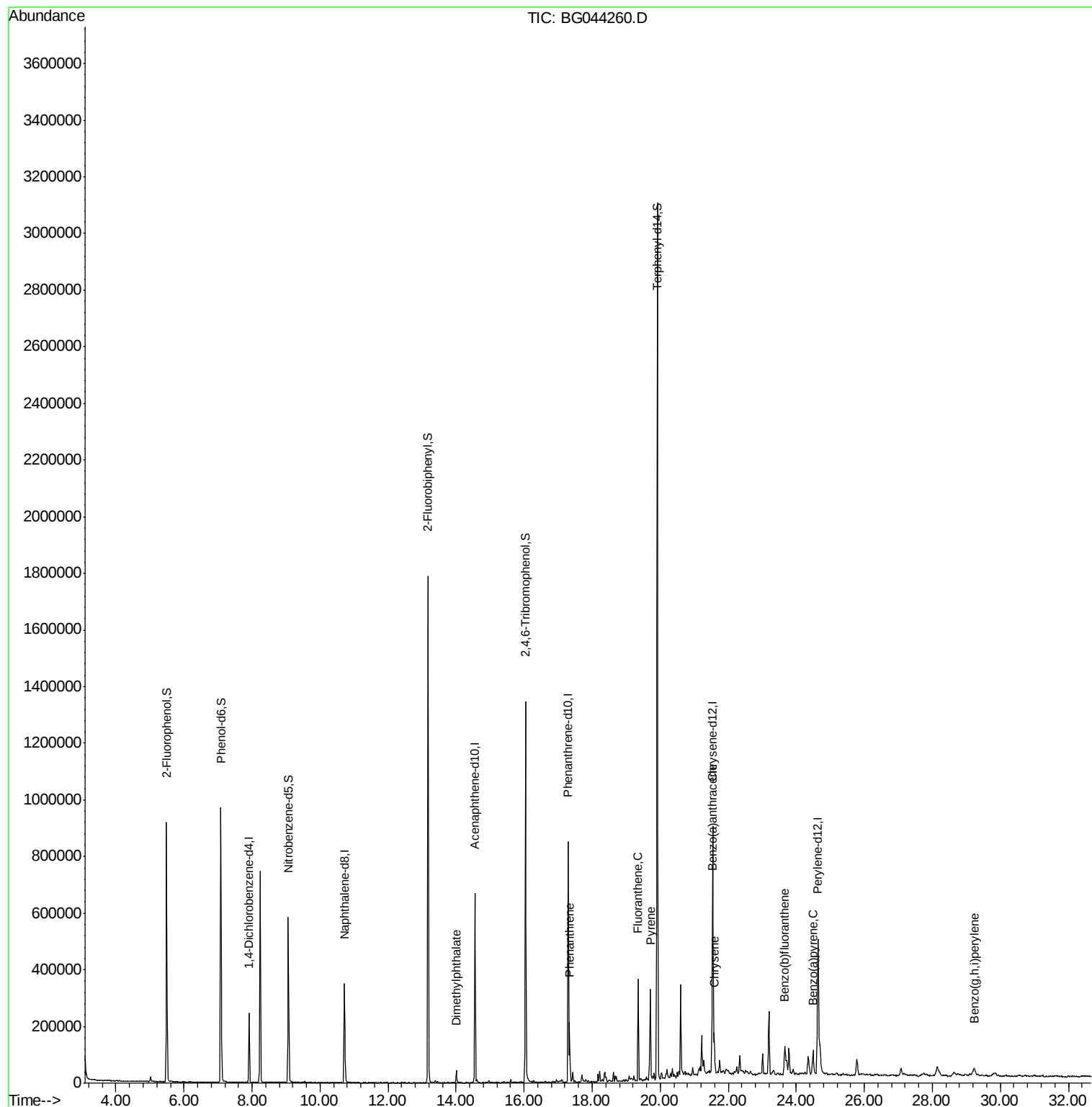
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
Data File : BG044260.D
Acq On : 31 Jan 2020 15:10
Operator : CG/JU
Sample : L1319-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

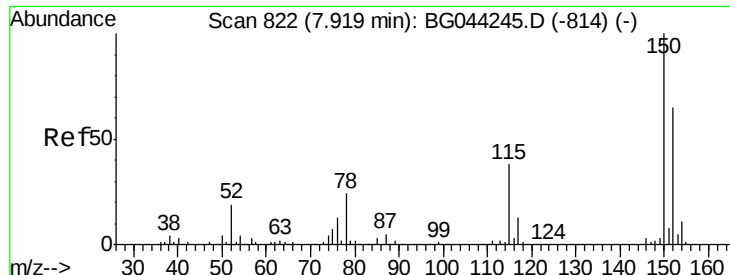
Instrument :
BNA_G
ClientSampleId :
RAINEY-PARK-BH-01-B

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Quant Time: Feb 01 00:03:59 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





#1

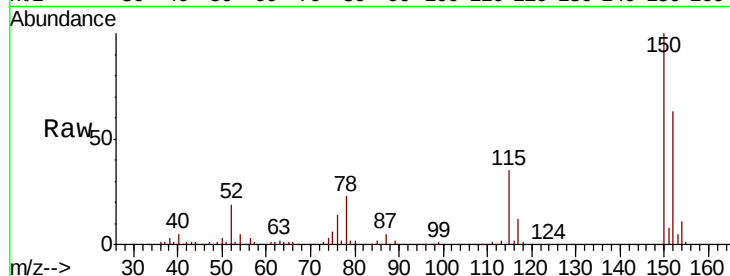
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044260.D
Acq: 31 Jan 2020 15:10

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.6	183.8
115	55.0	46.0	69.0

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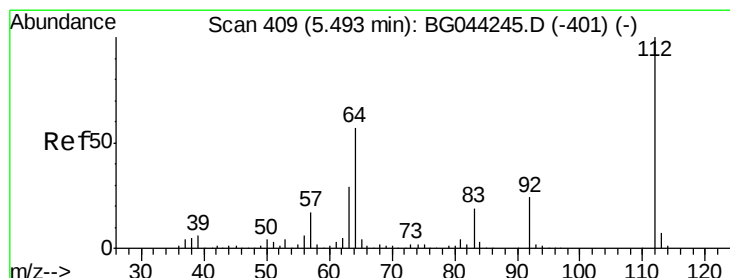
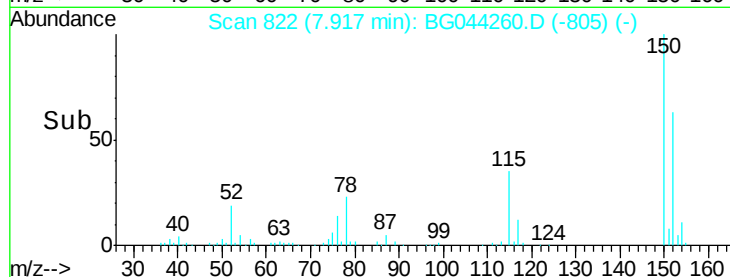
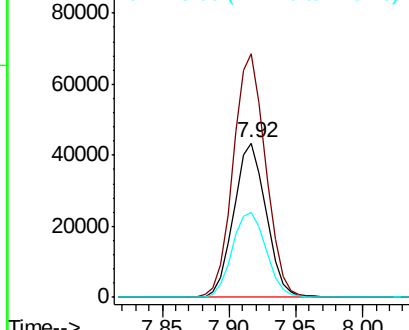


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

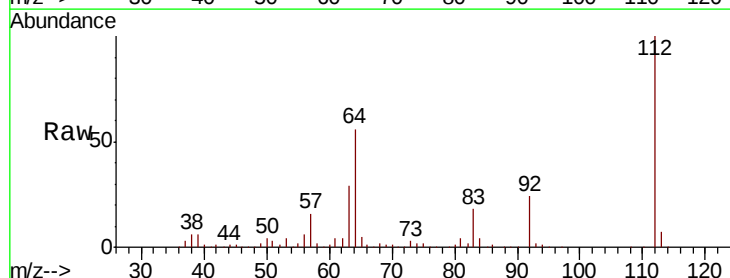
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.147 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044260.D
Acq: 31 Jan 2020 15:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.4	68.2
63	29.0	22.9	34.3

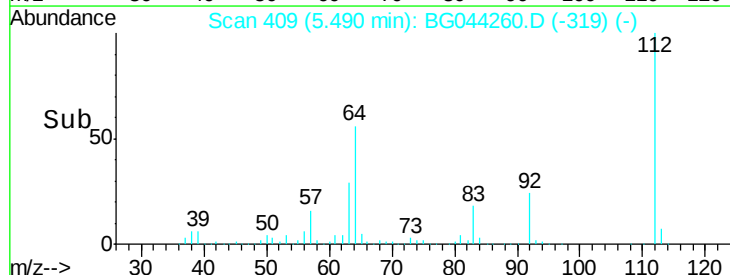
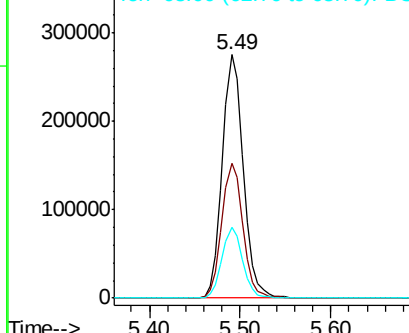


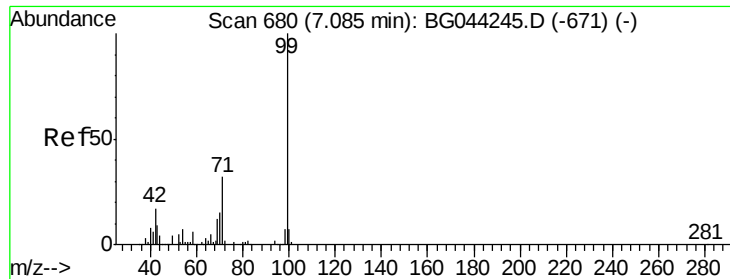
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.753 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044260.D

Acq: 31 Jan 2020 15:10

Instrument :

BNA_G

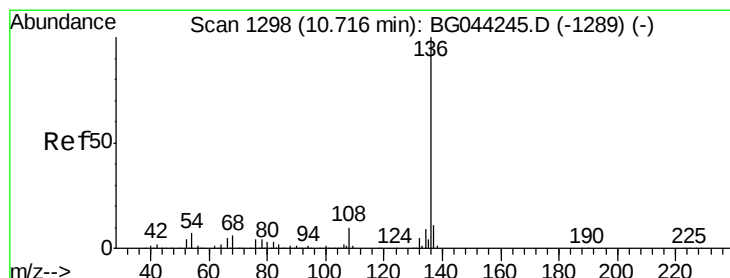
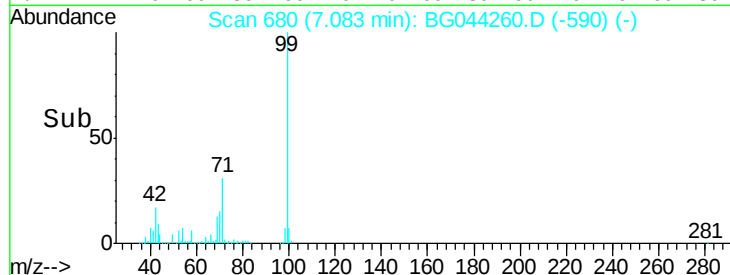
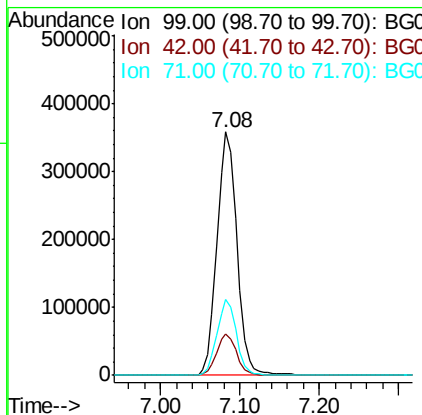
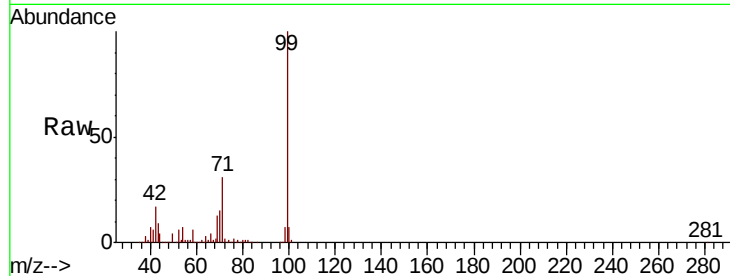
ClientSampleId :

RAINEY-PARK-BH-01-B

Tot Ion:	99	Resp:	626961
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.8	20.6
71	31.1	25.5	38.3

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#21

Naphthalene-d8

Concen: 20.000 ng

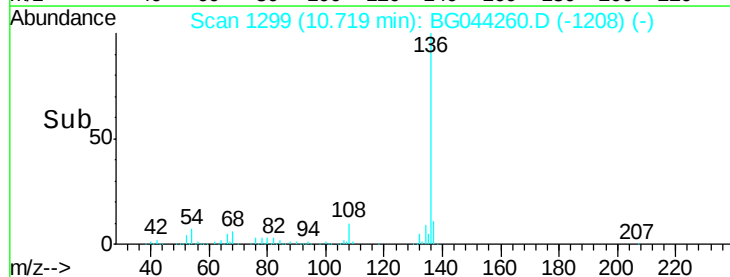
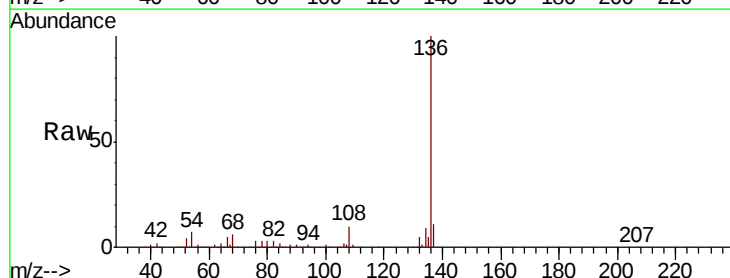
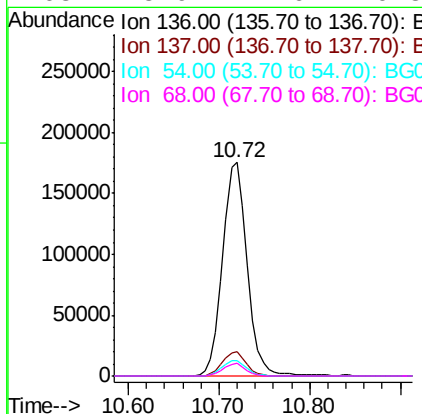
RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG044260.D

Acq: 31 Jan 2020 15:10

Tgt Ion:	136	Resp:	331182
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	7.1	5.8	8.8
68	5.9	4.6	6.8





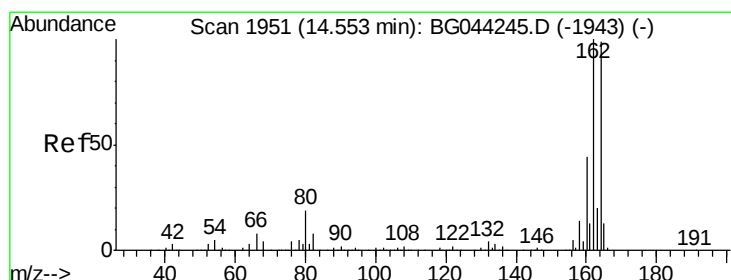
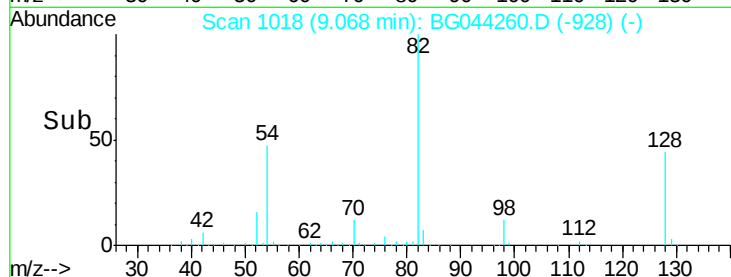
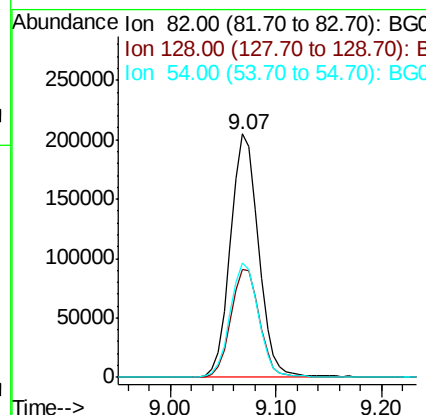
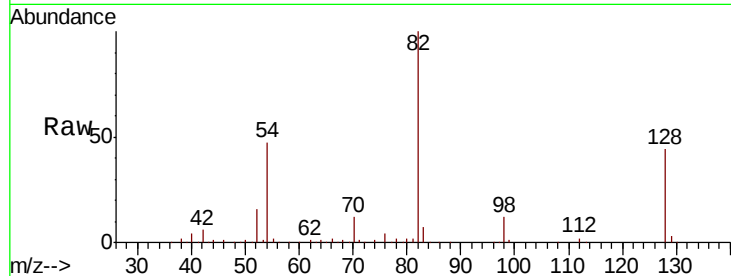
#23
Nitrobenzene-d5
Concen: 64.537 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044260.D
Acq: 31 Jan 2020 15:10

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.5	54.7
54	46.8	38.6	58.0

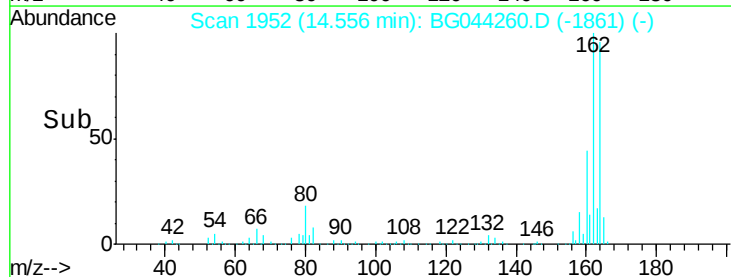
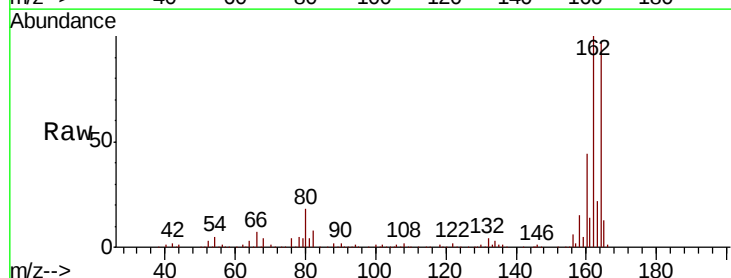
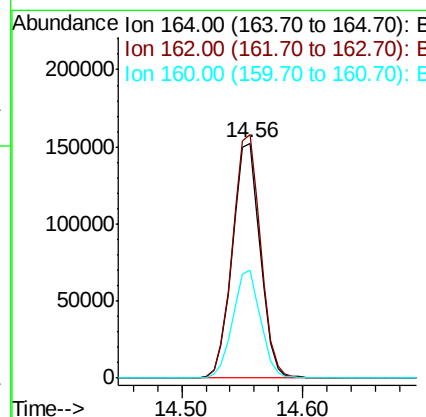
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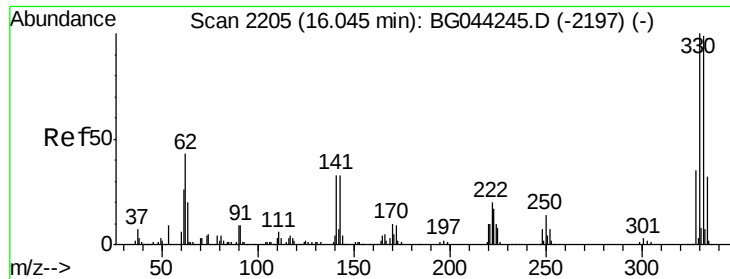
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG044260.D
Acq: 31 Jan 2020 15:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.7	121.1
160	45.7	35.3	52.9





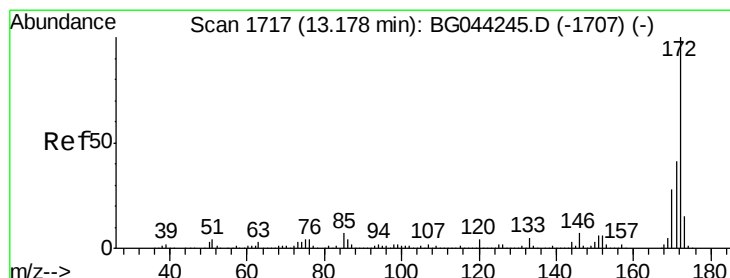
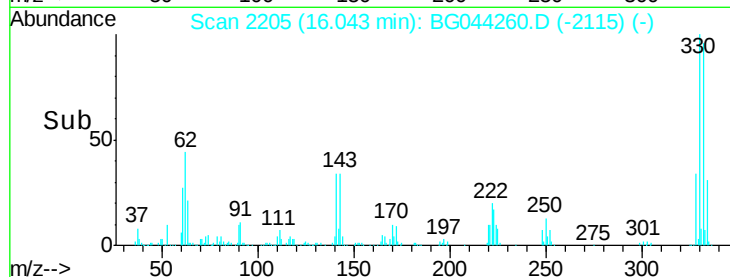
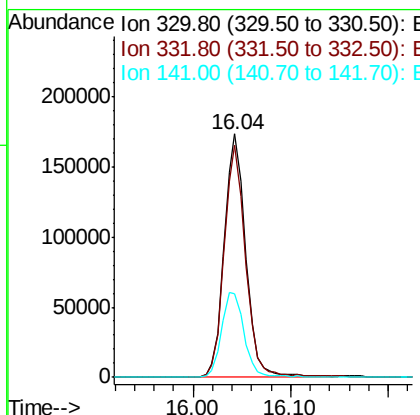
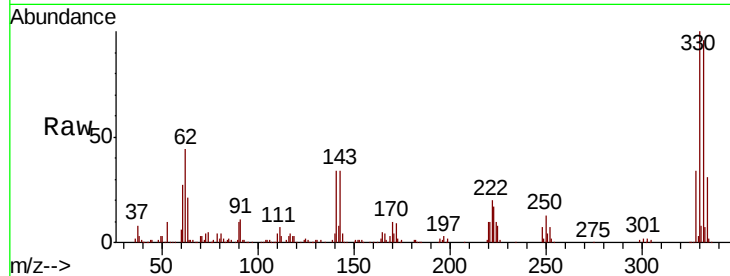
#42
 2,4,6-Tribromophenol
 Concen: 92.507 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG044260.D
 Acq: 31 Jan 2020 15:10

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	265618		
332	95.5	77.2	115.8	
141	36.5	28.3	42.5	

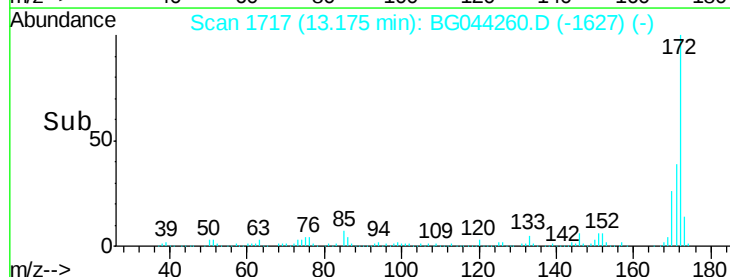
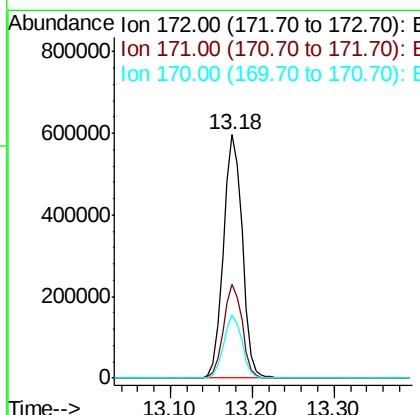
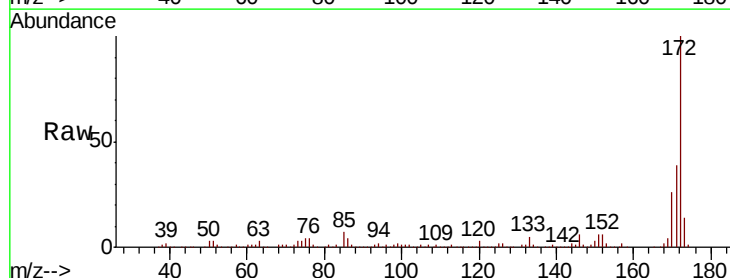
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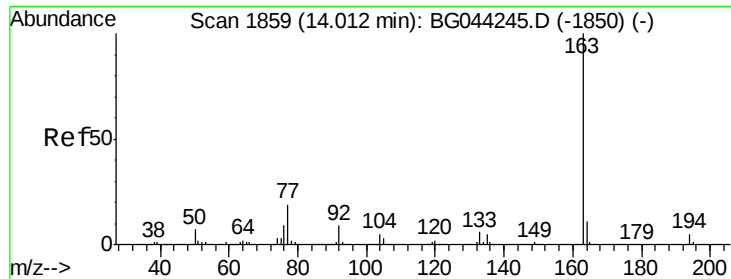
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#45
 2-Fluorobiphenyl
 Concen: 65.670 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044260.D
 Acq: 31 Jan 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	959183		
171	38.8	32.9	49.3	
170	25.8	22.0	33.0	





#50

Dimethylphthalate

Concen: 2.092 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044260.D

Acq: 31 Jan 2020 15:10

Instrument :

BNA_G

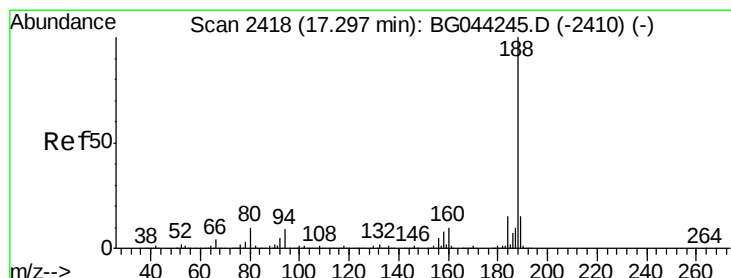
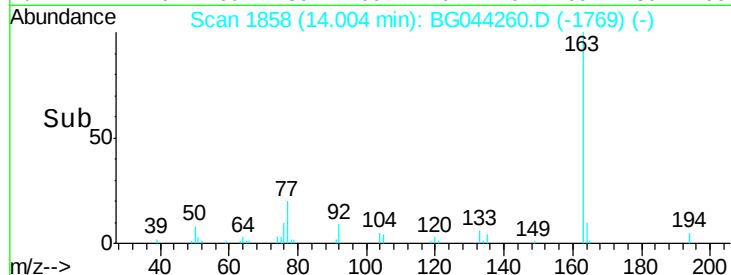
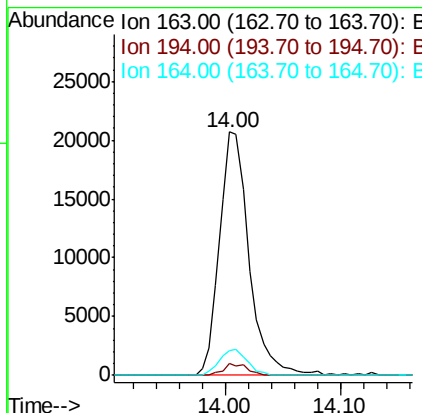
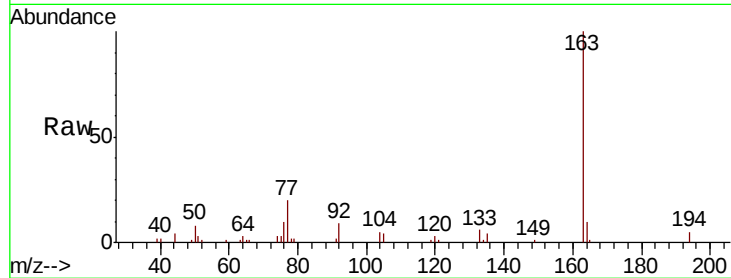
ClientSampleId :

RAINEY-PARK-BH-01-B

Tot Ion:	163	Resp:	36788
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.6	5.4
164	10.2	8.7	13.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

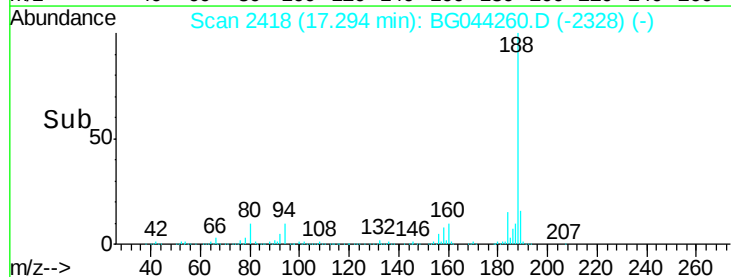
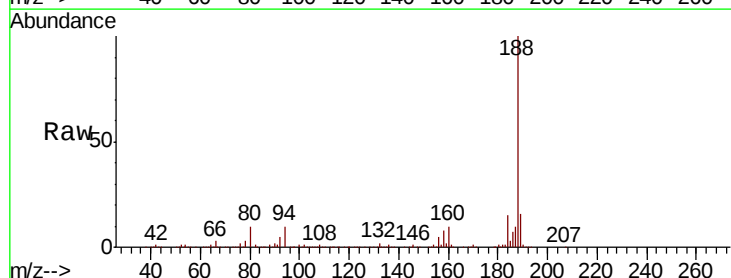
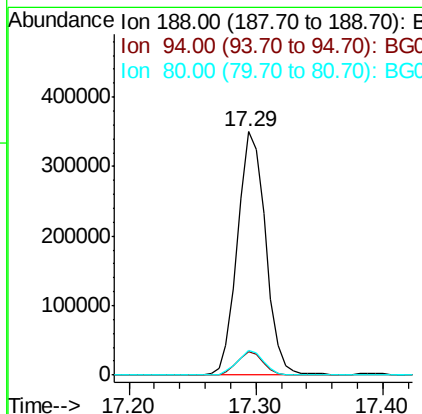
RT: 17.29 min Scan# 2418

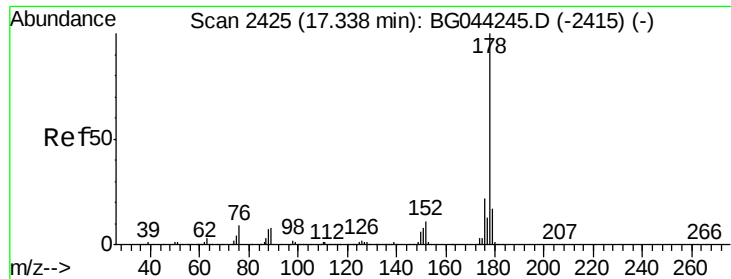
Delta R.T. -0.00 min

Lab File: BG044260.D

Acq: 31 Jan 2020 15:10

Tgt Ion:	188	Resp:	537684
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.4	11.2
80	10.2	7.7	11.5





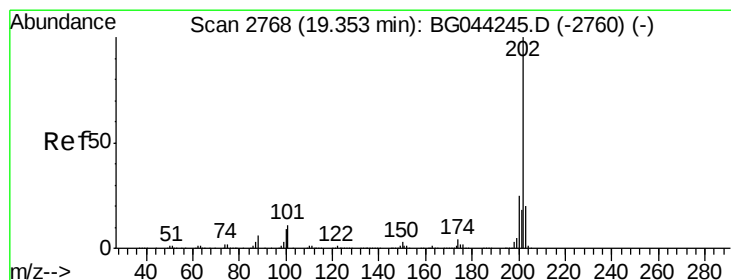
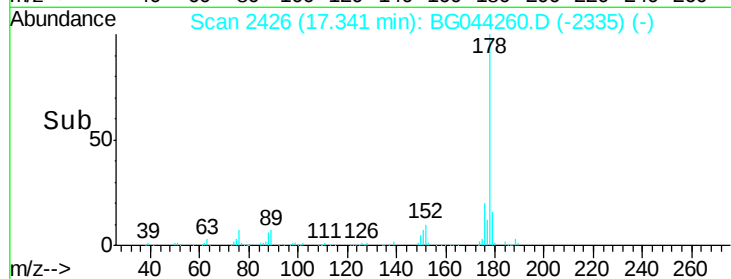
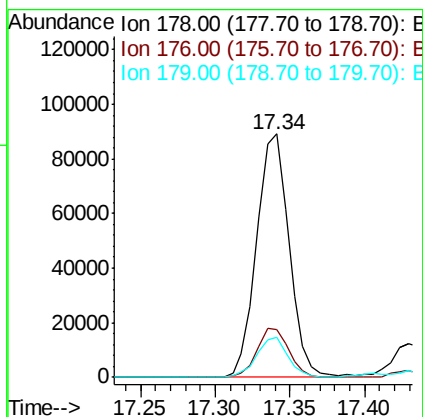
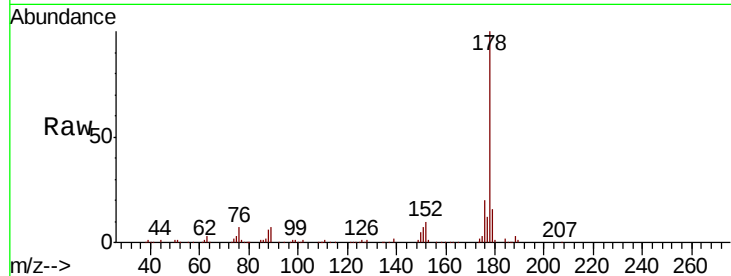
#71
Phenanthrene
Concen: 5.150 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044260.D
Acq: 31 Jan 2020 15:10

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.7	26.5
179	16.5	13.7	20.5

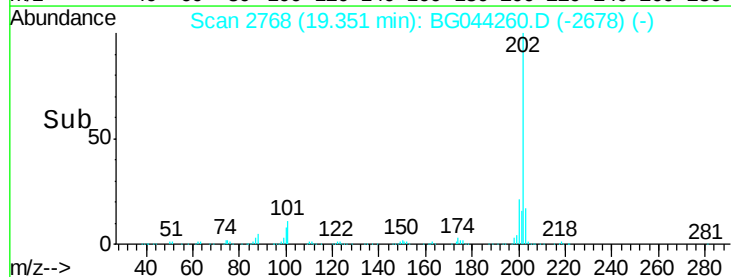
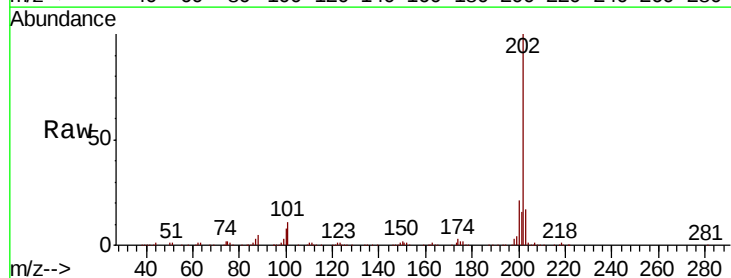
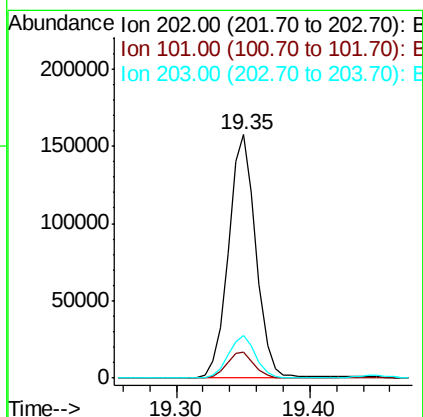
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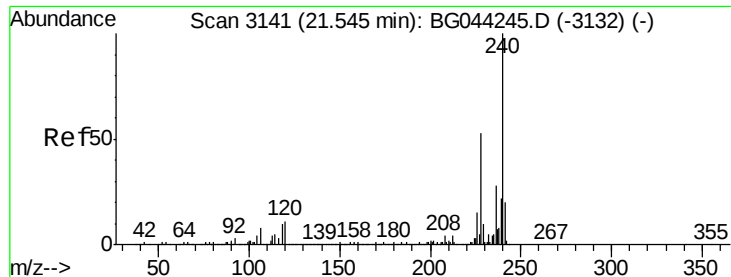
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#75
Fluoranthene
Concen: 7.517 ng
RT: 19.35 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BG044260.D
Acq: 31 Jan 2020 15:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.3
203	17.3	0.0	39.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044260.D

Acq: 31 Jan 2020 15:10

Instrument :

BNA_G

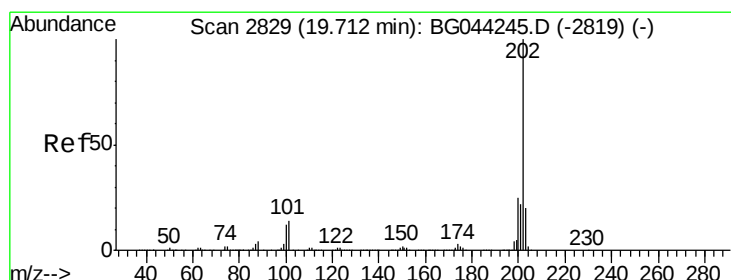
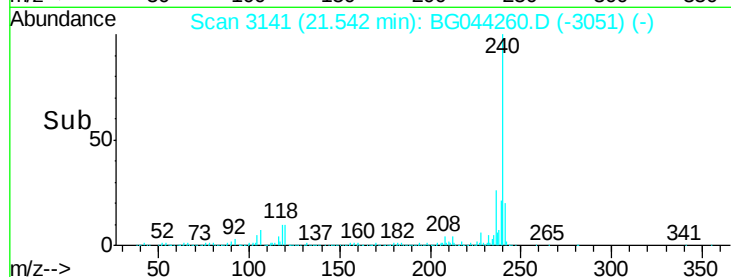
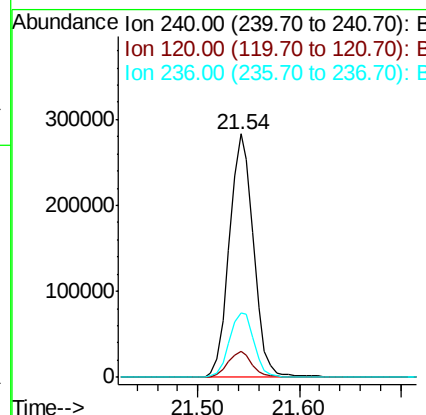
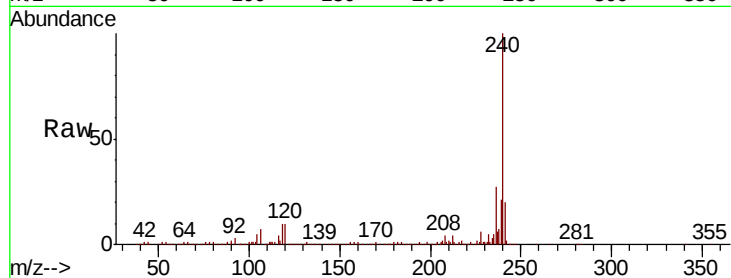
ClientSampleId :

RAINEY-PARK-BH-01-B

Tot Ion:	240	Resp:	469306
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.4	12.6
236	26.5	22.1	33.1

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#78

Pyrene

Concen: 6.957 ng

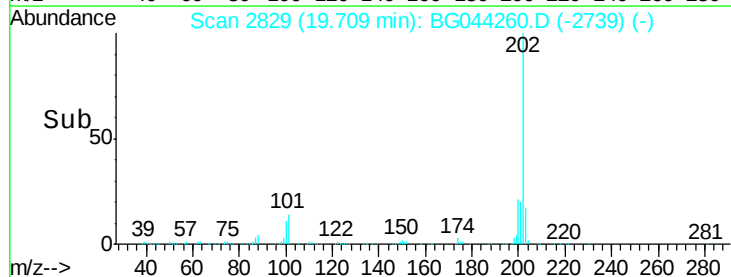
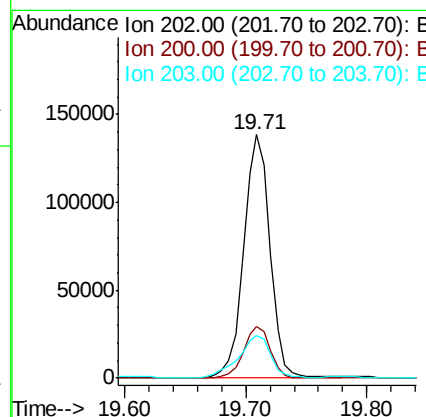
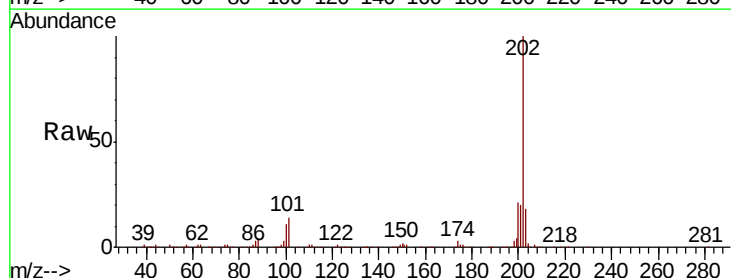
RT: 19.71 min Scan# 2829

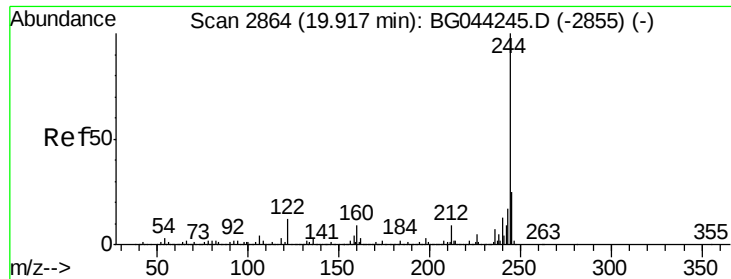
Delta R.T. -0.00 min

Lab File: BG044260.D

Acq: 31 Jan 2020 15:10

Tgt Ion:	202	Resp:	209683
Ion Ratio	Lower	Upper	
202	100		
200	21.1	20.0	30.0
203	17.6	16.2	24.2





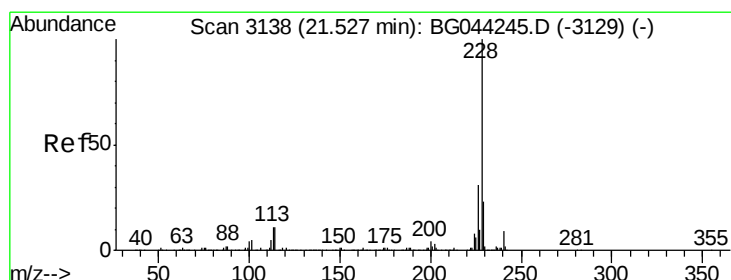
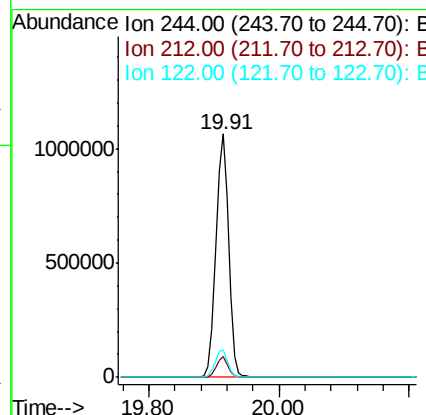
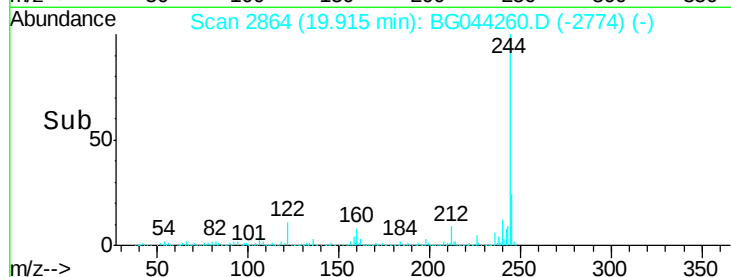
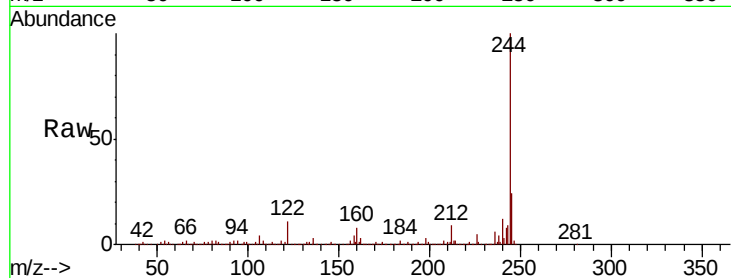
#79
 Terphenyl-d14
 Concen: 63.393 ng
 RT: 19.91 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG044260.D
 Acq: 31 Jan 2020 15:10

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	11.3	9.8	14.6

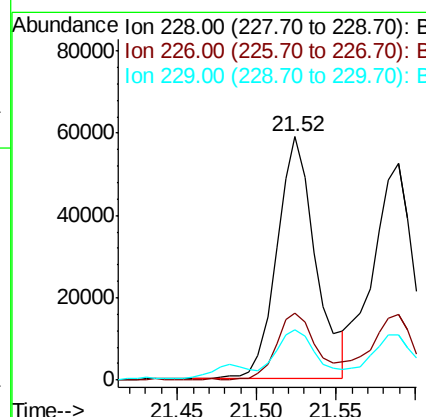
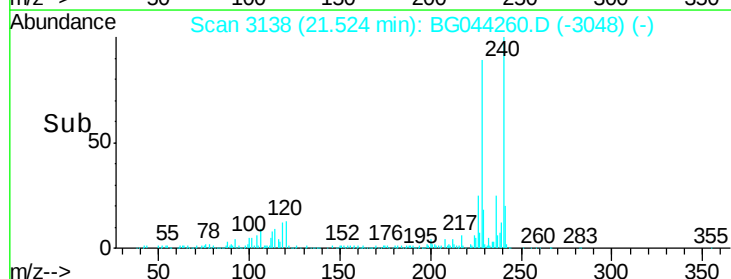
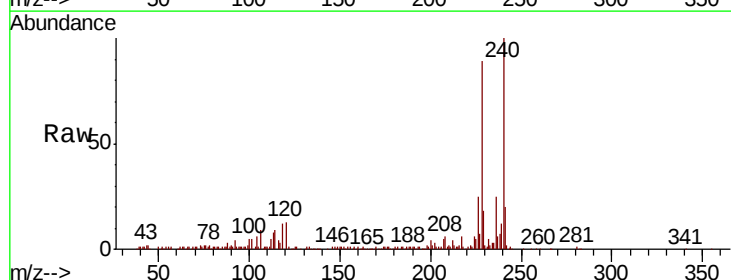
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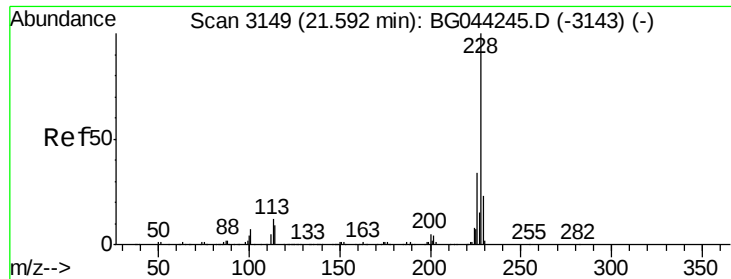
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.439 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG044260.D
 Acq: 31 Jan 2020 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.7	37.1
229	20.4	18.2	27.4





#83

Chrysene

Concen: 3.332 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG044260.D

Acq: 31 Jan 2020 15:10

Instrument :

BNA_G

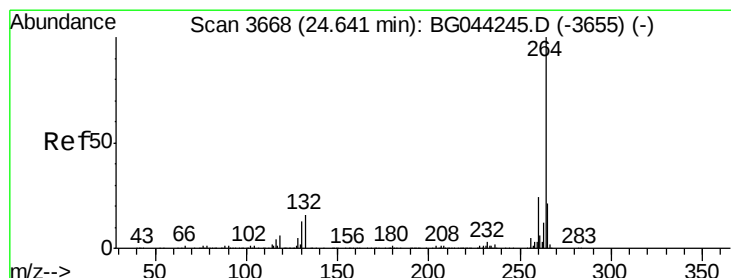
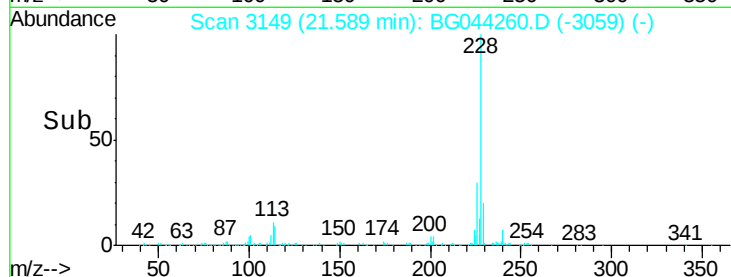
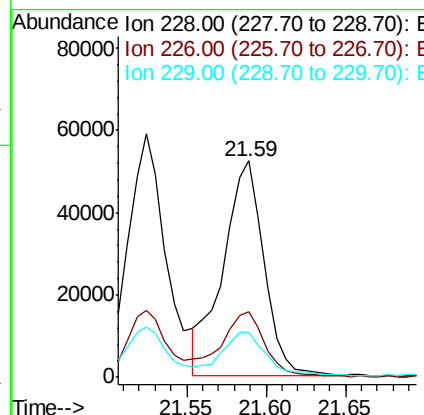
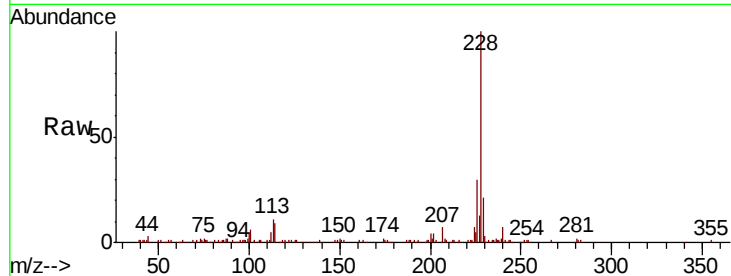
ClientSampleId :

RAINEY-PARK-BH-01-B

Tot Ion:	228	Resp:	93143
Ion Ratio	Lower	Upper	
228	100		
226	30.3	27.1	40.7
229	20.6	17.9	26.9

Manual Integrations
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#87

Perylene-d12

Concen: 20.000 ng

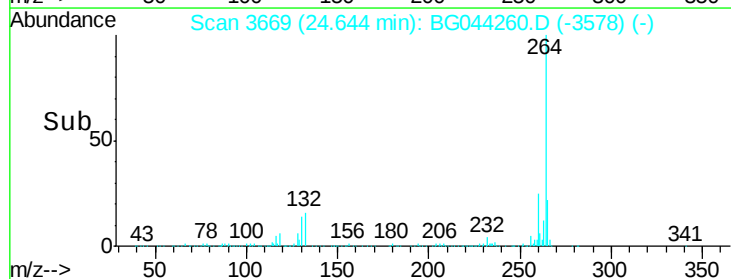
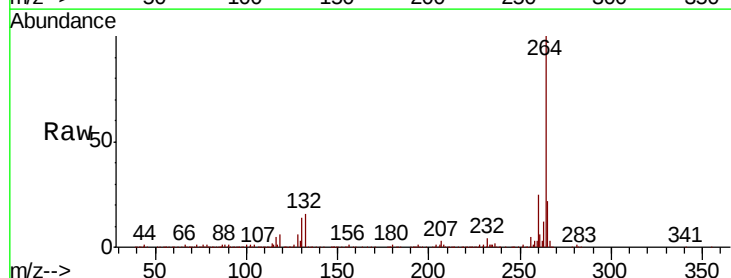
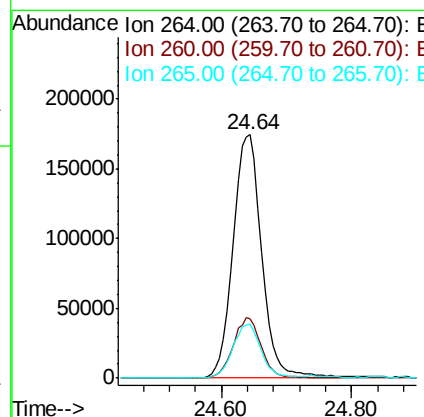
RT: 24.64 min Scan# 3669

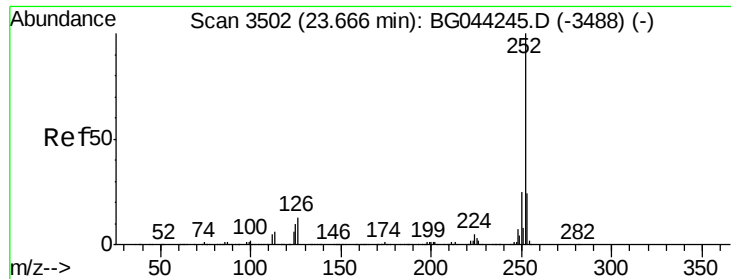
Delta R.T. 0.00 min

Lab File: BG044260.D

Acq: 31 Jan 2020 15:10

Tgt Ion:	264	Resp:	532518
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.4	29.2
265	22.5	16.7	25.1





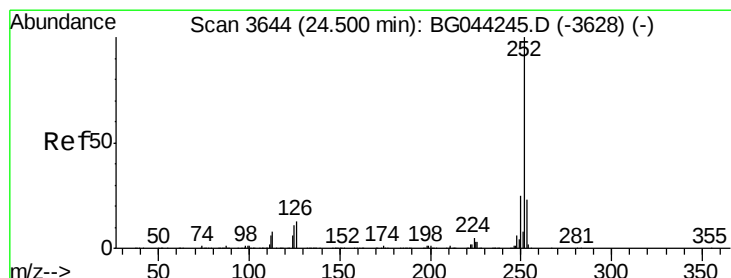
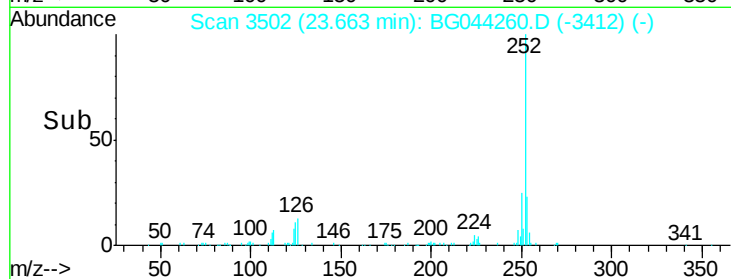
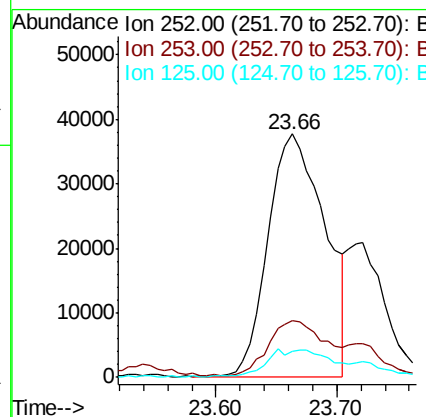
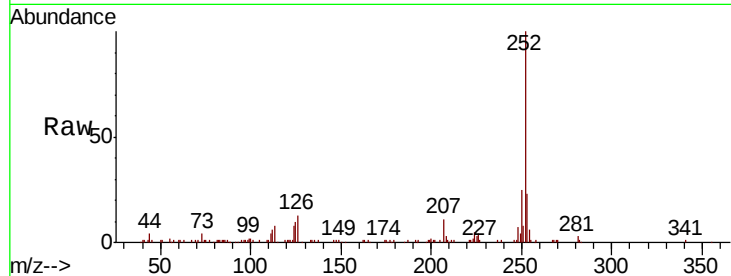
#88
Benzo(b)fluoranthene
Concen: 4.032 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044260.D
Acq: 31 Jan 2020 15:10

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	10.5	8.4	12.6

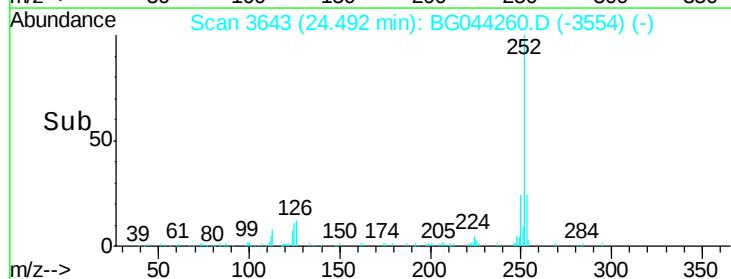
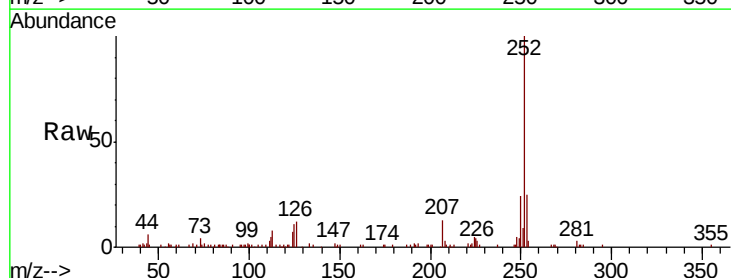
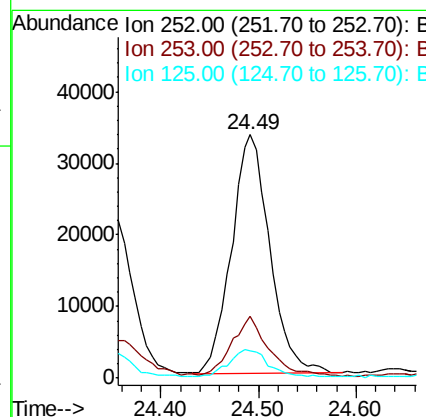
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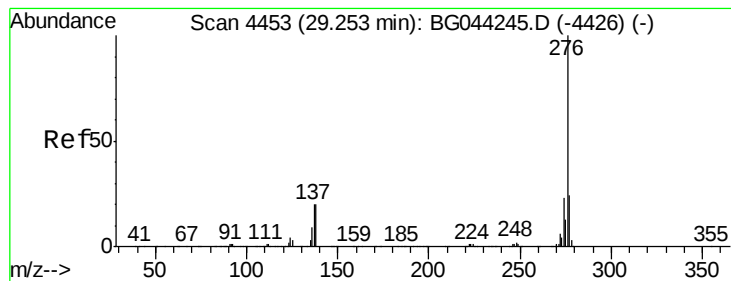
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#90
Benzo(a)pyrene
Concen: 3.142 ng
RT: 24.49 min Scan# 3643
Delta R.T. -0.01 min
Lab File: BG044260.D
Acq: 31 Jan 2020 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	11.3	8.6	13.0





#92

Benzo(a,h,i)perylene

Concen: 2.159 ng

RT: 29.23 min Scan# 4449

Delta R.T. -0.03 min

Lab File: BG044260.D

Acq: 31 Jan 2020 15:10

Instrument :

BNA_G

ClientSampleId :

RAINEY-PARK-BH-01-B

Tot Ion:	276	Resp:	62059
Ion Ratio	Lower	Upper	
276	100		
277	21.5	18.8	28.2
138	17.8	16.2	24.2

Manual Integrations
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