

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
 Data File : BG044963.D
 Acq On : 7 Apr 2020 20:20
 Operator : CG/JU
 Sample : L2161-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RECLAIM-SYSTEM-SEDIMENT-PIT

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:14:17 AM

Quant Time: Apr 08 07:18:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86611	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	326619	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	217784	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	503756	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	511108	20.00	ng	-0.02
87) Perylene-d12	24.90	264	554627	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	549252	98.72	ng	0.00
7) Phenol-d6	7.20	99	728817	90.16	ng	0.00
23) Nitrobenzene-d5	9.19	82	585109	78.61	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	493184	172.95	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1331552	87.56	ng	0.00
79) Terphenyl-d14	20.03	244	2180374	79.80	ng	0.00
Target Compounds						
10) Phenol	7.23	94	59959	7.492	ng	91
20) 3+4-Methylphenols	8.80	107	367986	49.241	ng	90
32) Benzoic acid	10.10	122	8188m	11.444	ng	
50) Dimethylphthalate	14.12	163	64331	3.709	ng	# 98

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

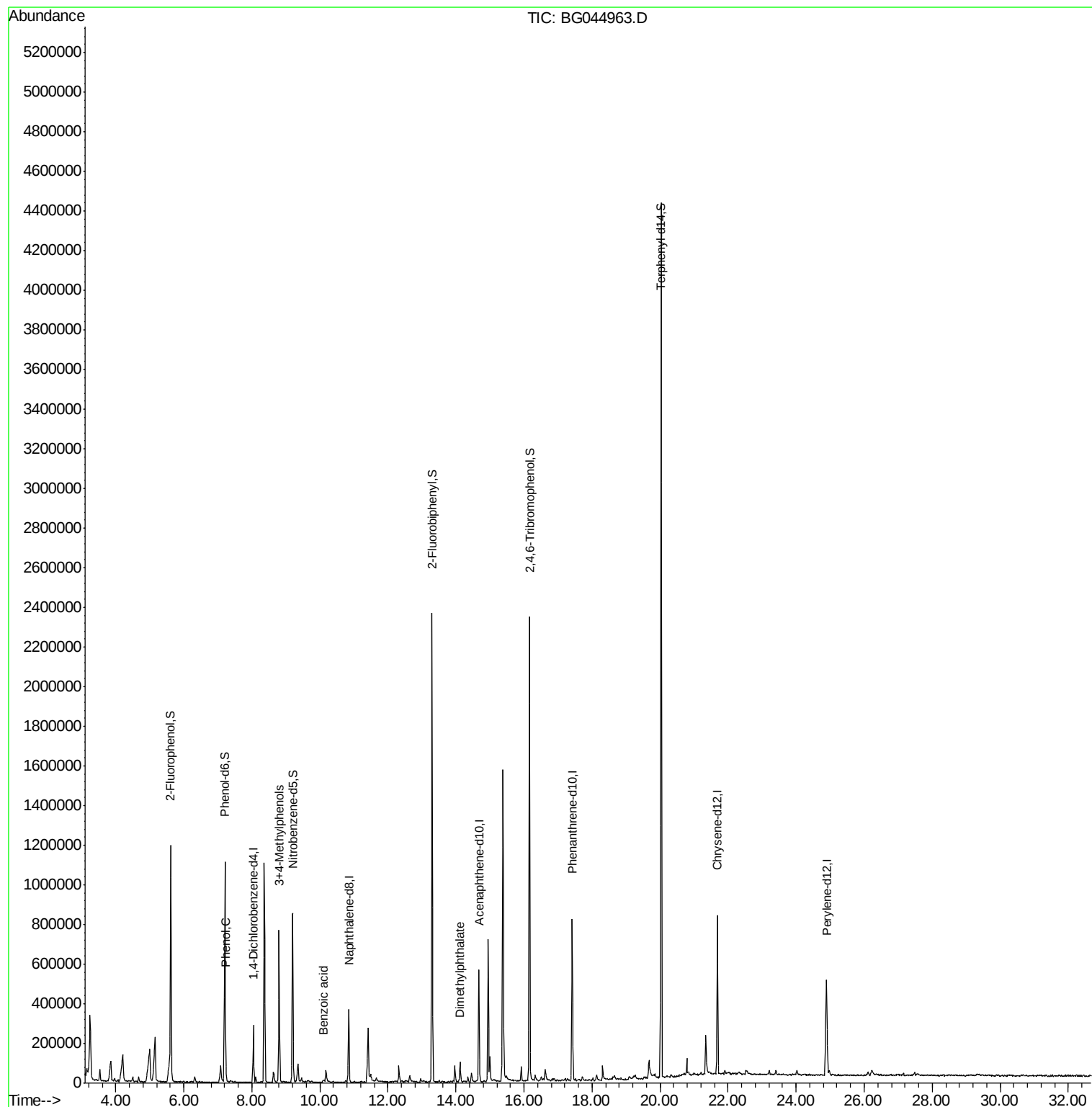
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
Data File : BG044963.D
Acq On : 7 Apr 2020 20:20
Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

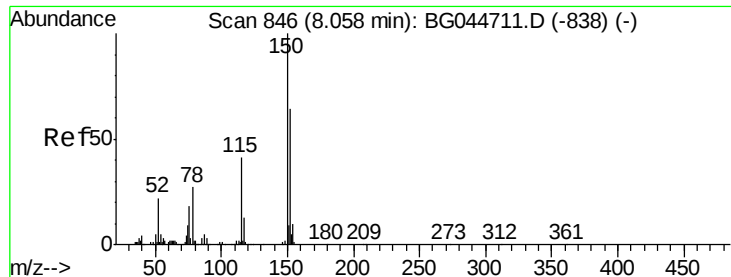
Instrument :
BNA_G
ClientSampleId :
RECLAIM-SYSTEM-SEDIMENT-PIT

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Quant Time: Apr 08 07:18:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

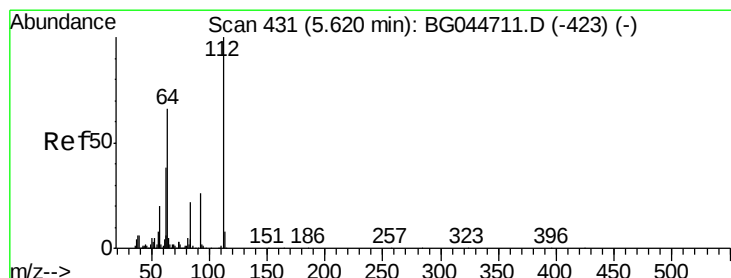
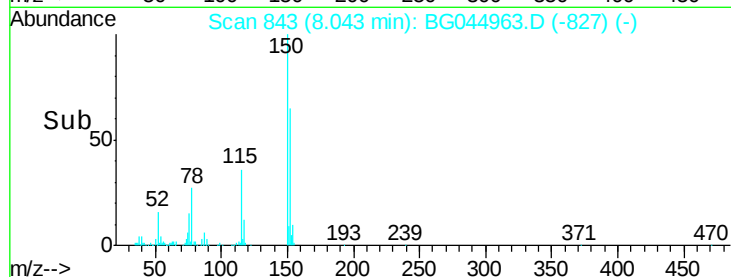
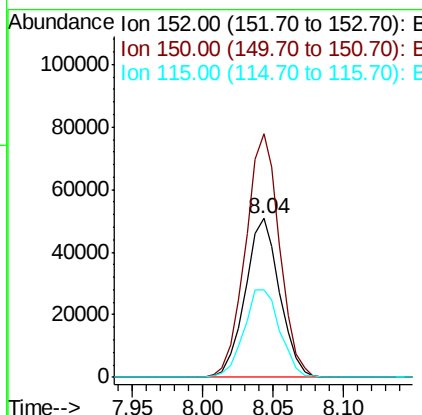
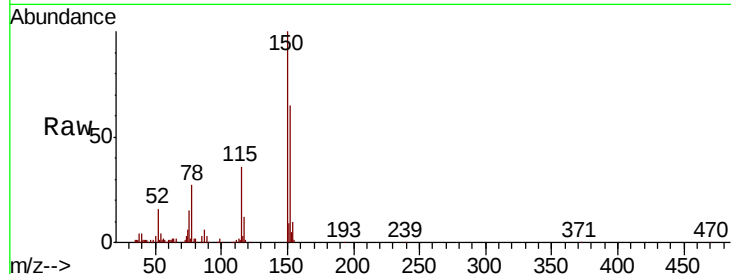
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044963.D
Acq: 7 Apr 2020 20:20

Instrument :
BNA_G
ClientSampleId :
RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	128.8	193.2
115	55.0	52.6	79.0

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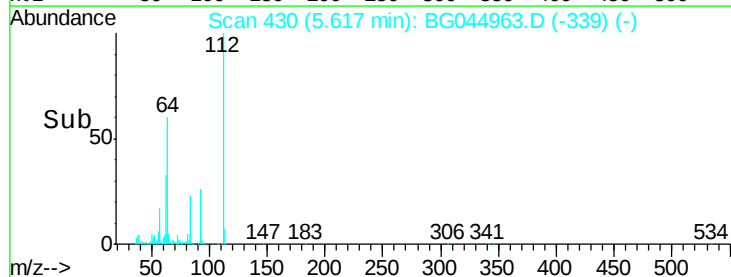
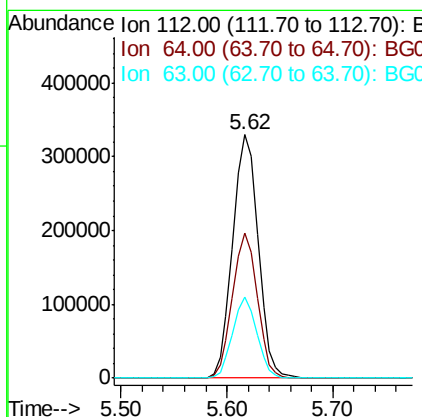
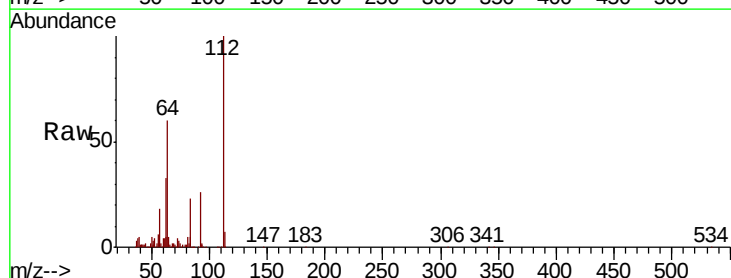
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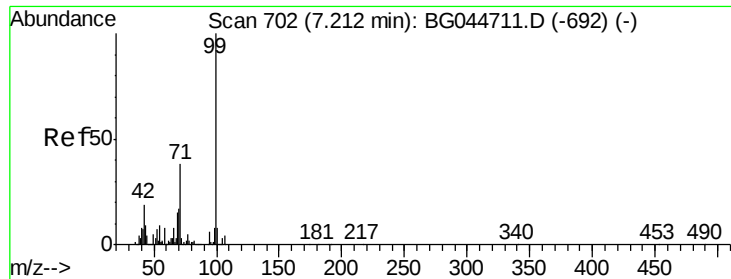


#5

2-Fluorophenol
Concen: 98.719 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044963.D
Acq: 7 Apr 2020 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	53.4	80.2
63	33.1	29.4	44.2





#7

Phenol-d6

Concen: 90.158 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044963.D

Acq: 7 Apr 2020 20:20

Instrument :

BNA_G

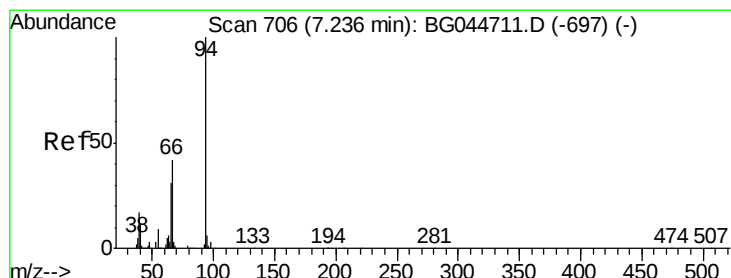
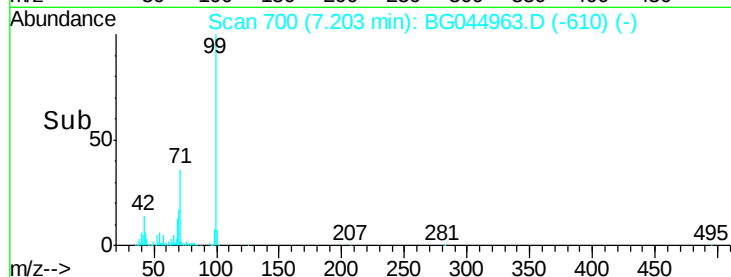
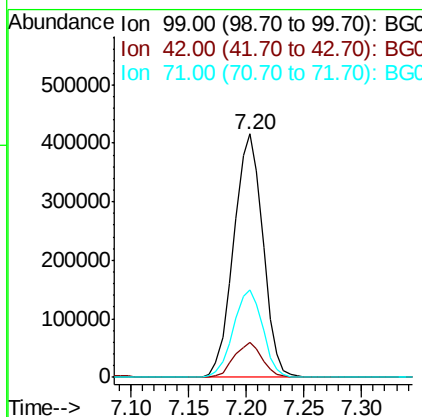
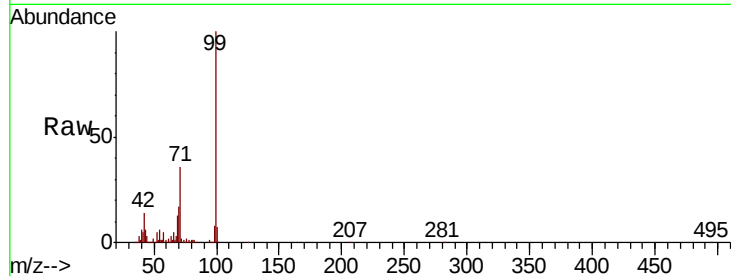
ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion:	99	Resp:	728817
Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.6	19.0
71	35.8	29.0	43.4

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#10

Phenol

Concen: 7.492 ng

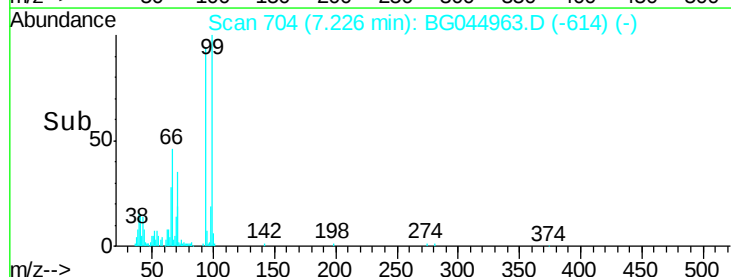
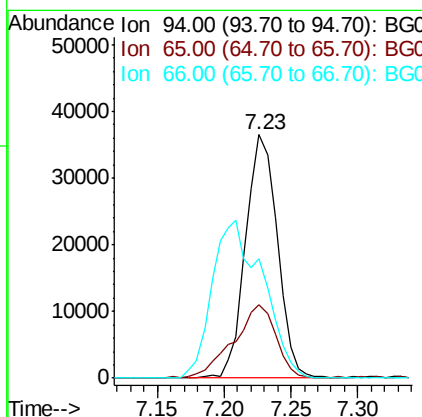
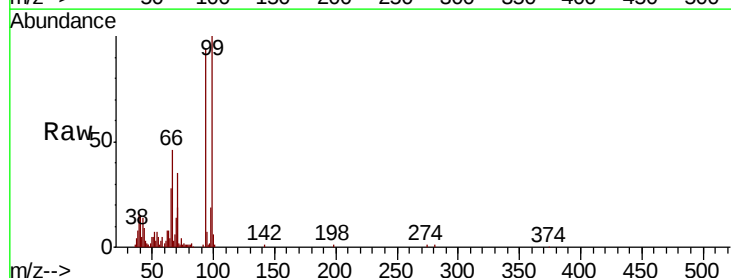
RT: 7.23 min Scan# 704

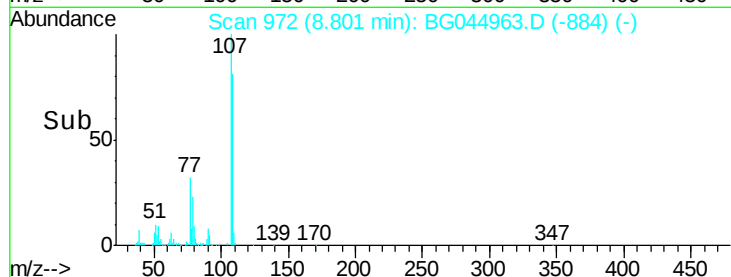
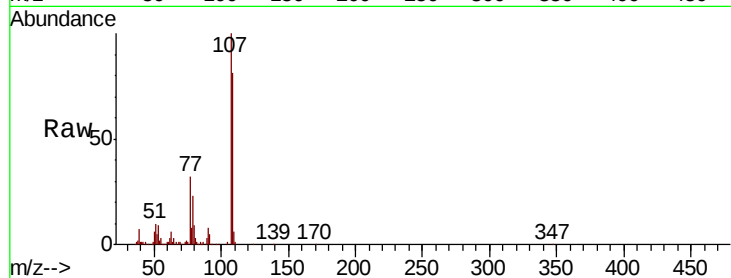
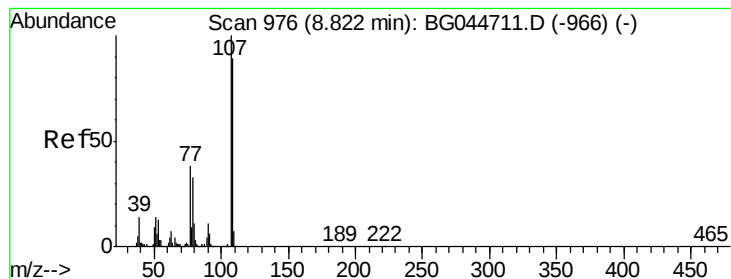
Delta R.T. -0.00 min

Lab File: BG044963.D

Acq: 7 Apr 2020 20:20

Tgt Ion:	94	Resp:	59959
Ion	Ratio	Lower	Upper
94	100		
65	30.1	11.0	51.0
66	49.1	20.1	60.1





#20

3+4-Methylphenols

Concen: 49.241 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG044963.D

Acq: 7 Apr 2020 20:20

Tot Ion	107	Resp	367986
Ion Ratio	Lower	Upper	
107	100		
108	81.2	71.3	111.3
77	32.4	16.9	56.9
79	23.3	9.7	49.7

Instrument :

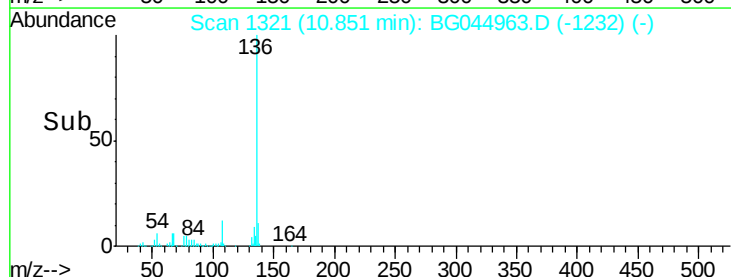
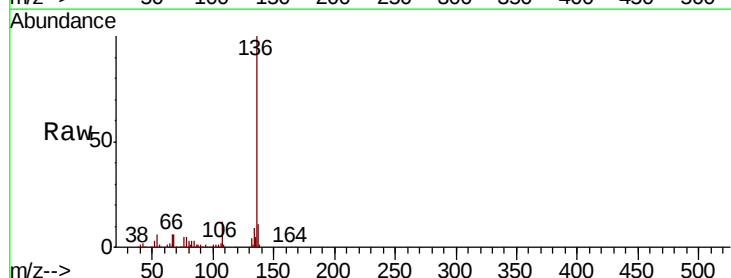
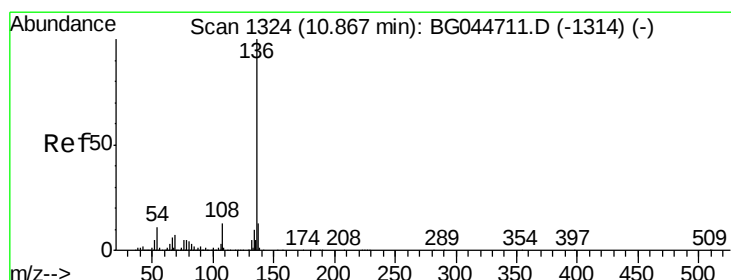
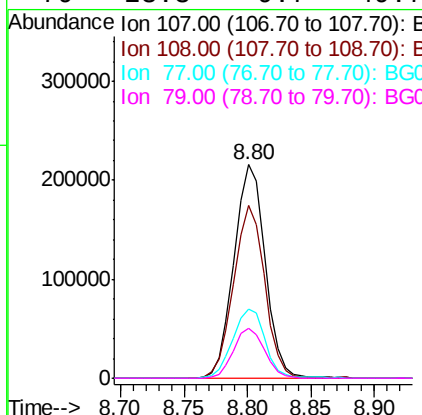
BNA_G

ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

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#21

Naphthalene-d8

Concen: 20.000 ng

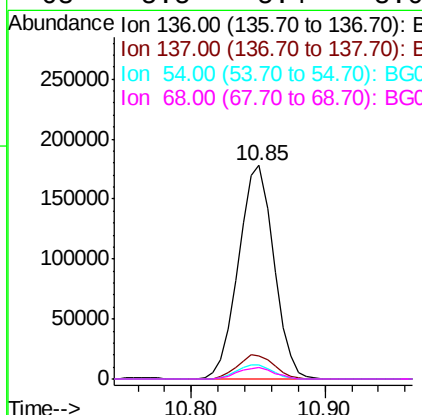
RT: 10.85 min Scan# 1321

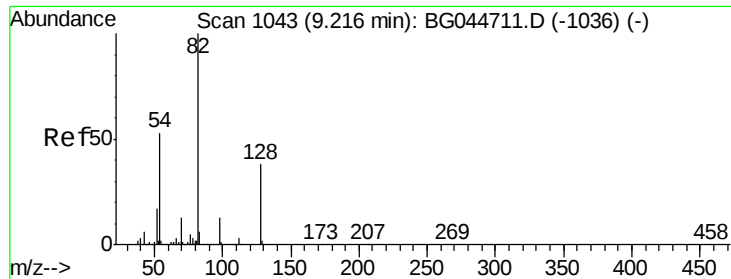
Delta R.T. -0.01 min

Lab File: BG044963.D

Acq: 7 Apr 2020 20:20

Tgt Ion	136	Resp	326619
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.6
54	6.5	7.9	11.9#
68	5.5	5.4	8.0





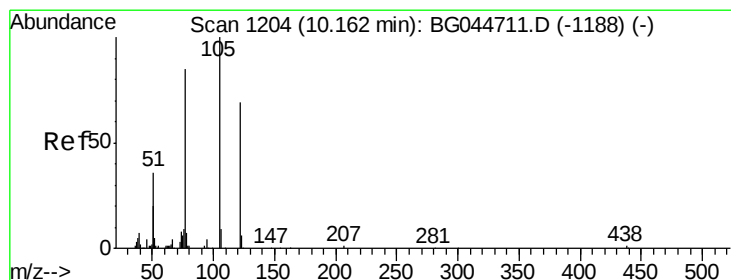
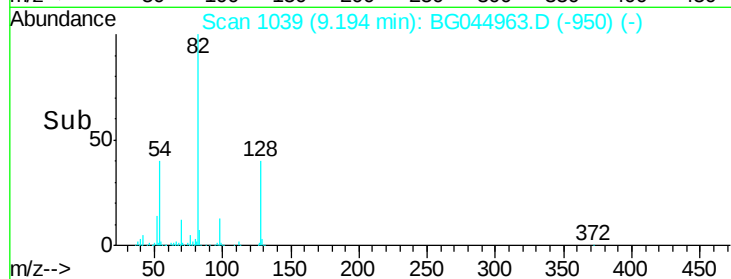
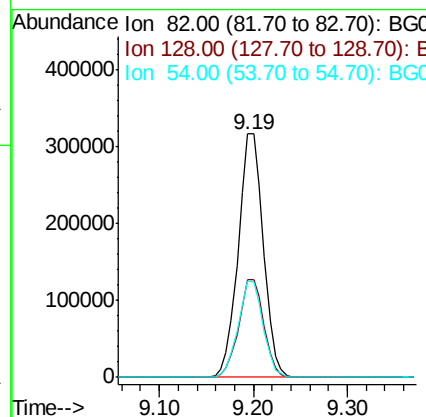
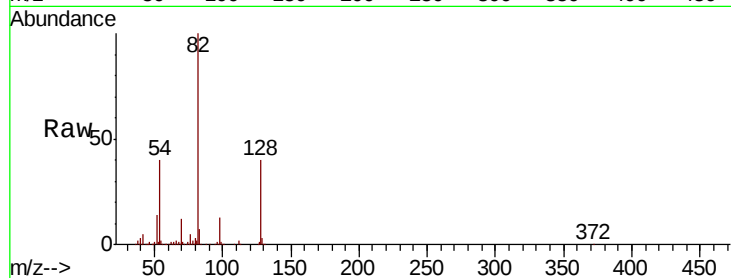
#23
 Nitrobenzene-d5
 Concen: 78.610 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG044963.D
 Acq: 7 Apr 2020 20:20

Instrument :
 BNA_G
 ClientSampleId :
 RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion	Ratio	Resp	Lower	Upper
82	100	585109		
128	40.0		30.6	46.0
54	39.6		37.1	55.7

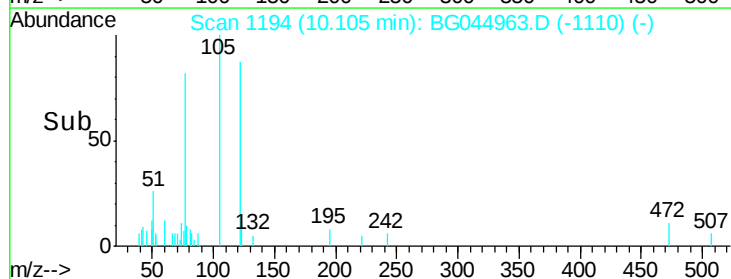
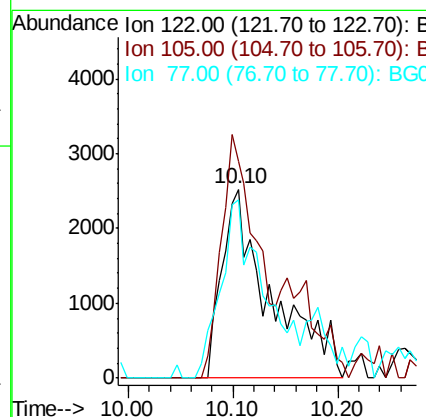
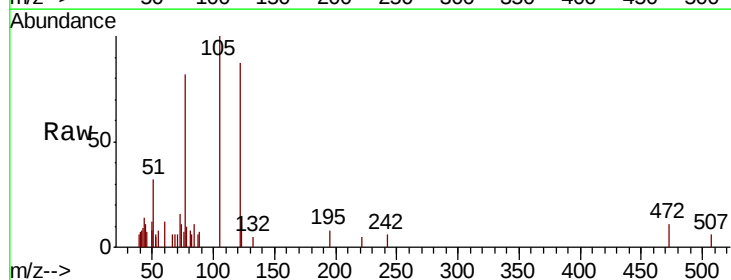
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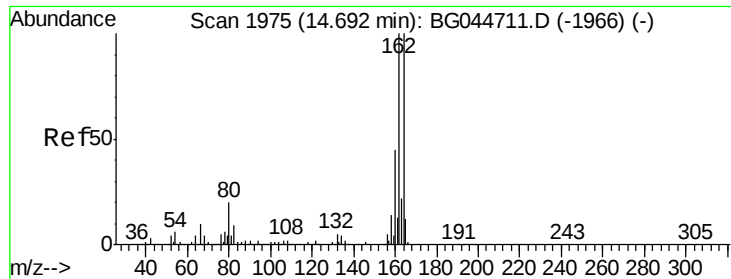
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#32
 Benzoic acid
 Concen: 11.444 ng m
 RT: 10.10 min Scan# 1194
 Delta R.T. -0.04 min
 Lab File: BG044963.D
 Acq: 7 Apr 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	8188		
105	115.0		109.1	149.1
77	94.2		85.3	125.3





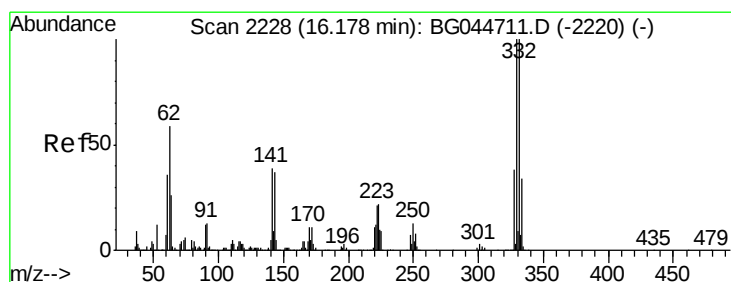
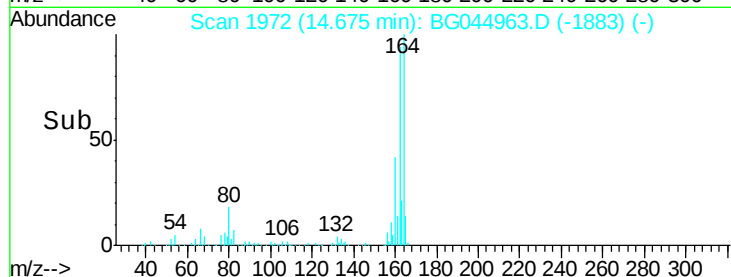
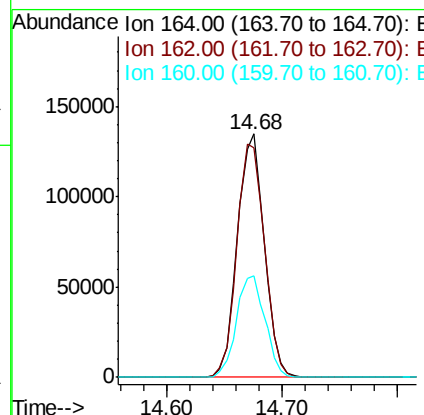
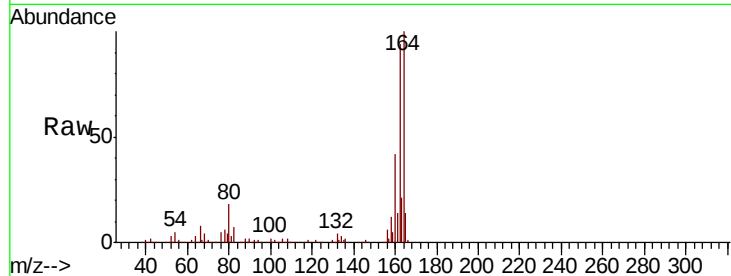
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044963.D
Acq: 7 Apr 2020 20:20

Instrument :
BNA_G
ClientSampleId :
RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion	Ratio	Resp	Lower	Upper
164	100	217784		
162	94.0	76.7	115.1	
160	41.7	35.0	52.4	

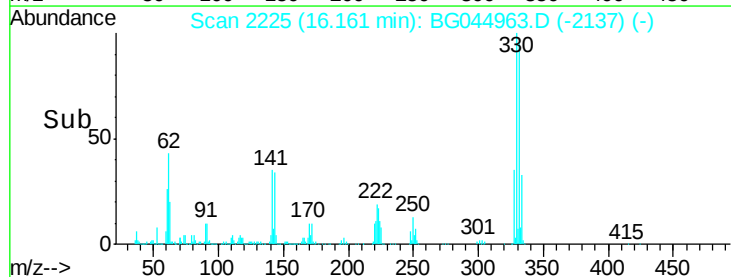
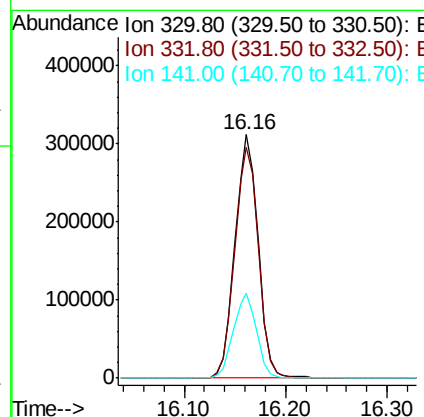
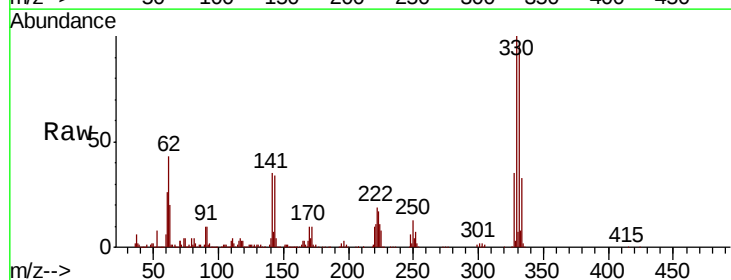
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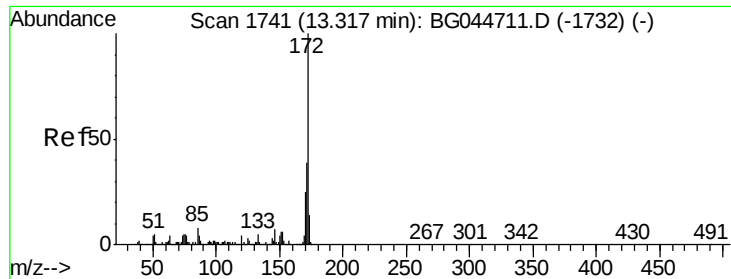
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#42
2,4,6-Tribromophenol
Concen: 172.953 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044963.D
Acq: 7 Apr 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	493184		
332	96.6	77.8	116.6	
141	34.7	29.5	44.3	





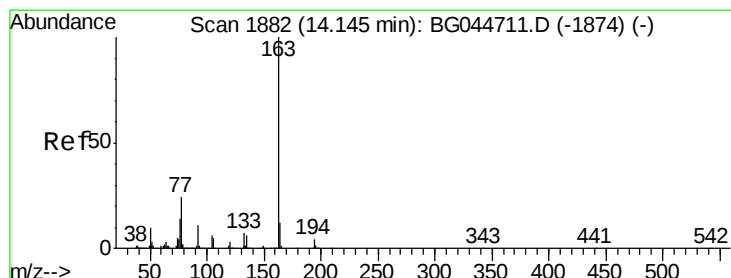
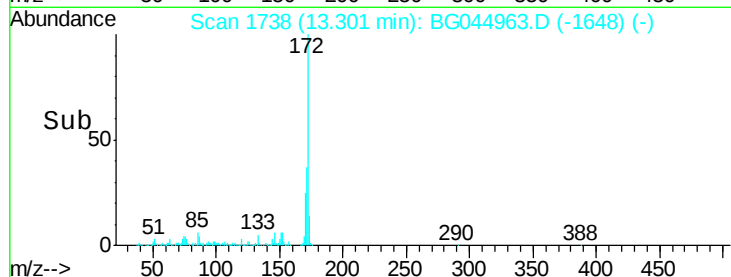
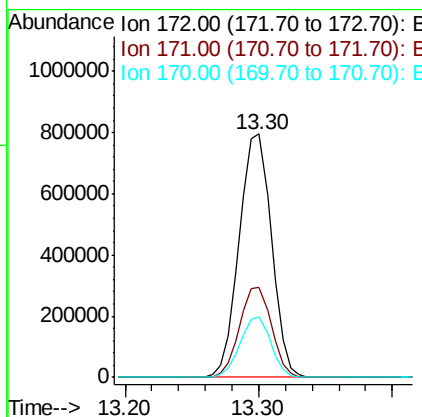
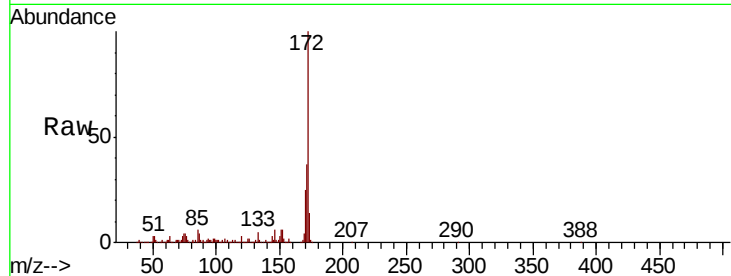
#45
2-Fluorobiphenyl
Concen: 87.556 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044963.D
Acq: 7 Apr 2020 20:20

Instrument :
BNA_G
ClientSampleId :
RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion:172 Resp: 1331552
Ion Ratio Lower Upper
172 100
171 37.2 28.7 43.1
170 24.7 19.0 28.6

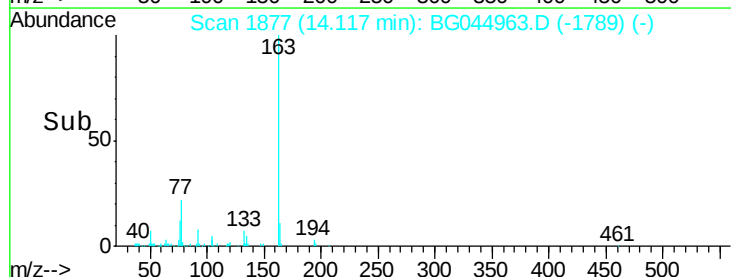
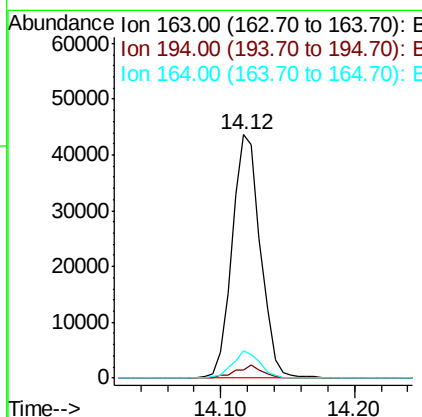
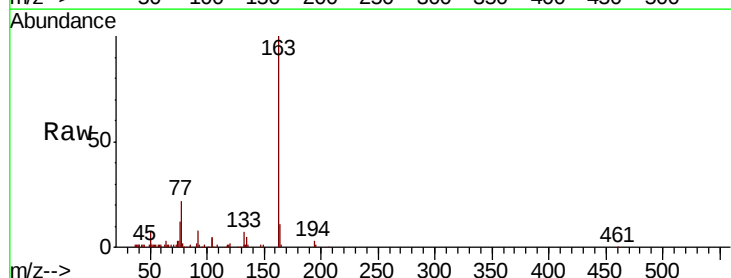
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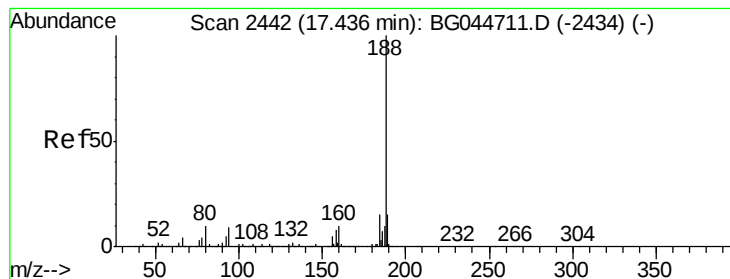
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#50
Dimethylphthalate
Concen: 3.709 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG044963.D
Acq: 7 Apr 2020 20:20

Tgt Ion:163 Resp: 64331
Ion Ratio Lower Upper
163 100
194 3.3 3.7 5.5#
164 11.0 9.1 13.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044963.D

Acq: 7 Apr 2020 20:20

Instrument :

BNA_G

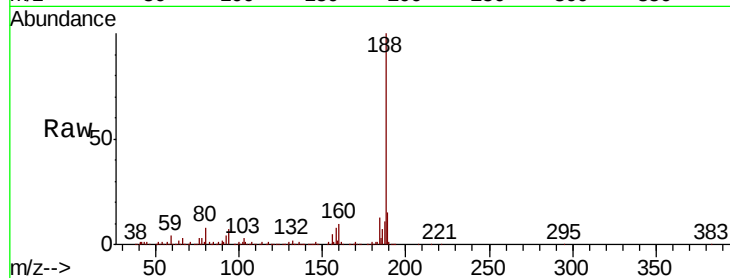
ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion:	188	Resp:	503756
Ion Ratio	Lower	Upper	
188	100		
94	7.0	7.3	10.9#
80	8.3	8.0	12.0

Manual Integrations
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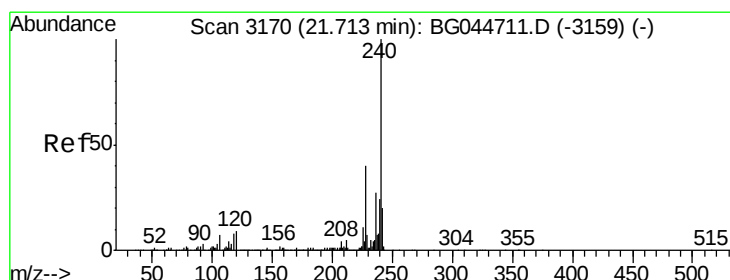
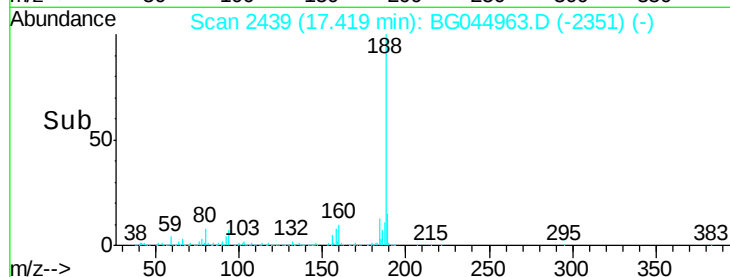
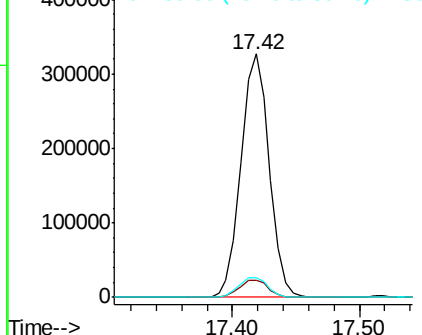
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044963.D

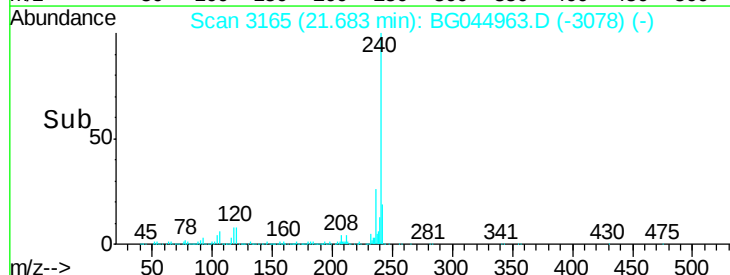
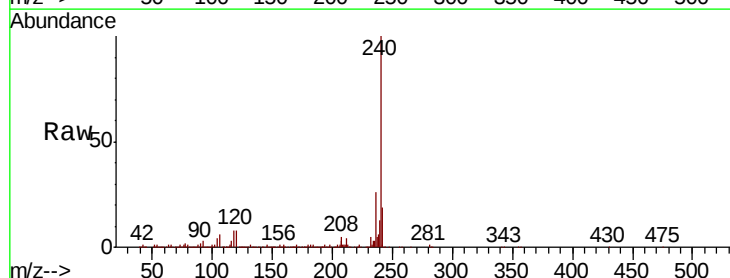
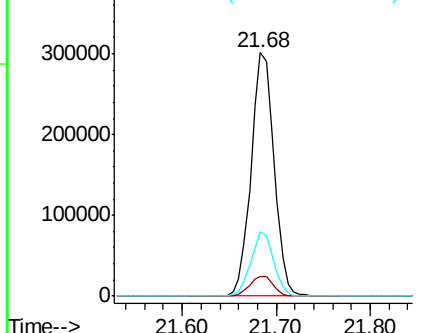
Acq: 7 Apr 2020 20:20

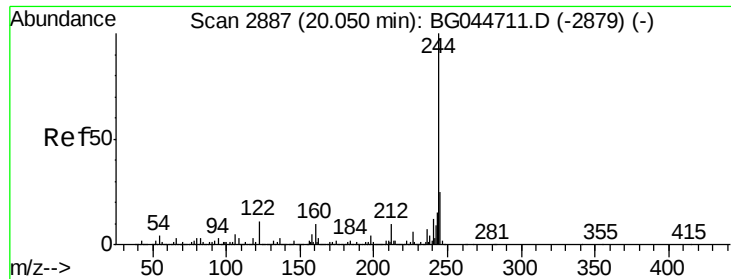
Tgt Ion:	240	Resp:	511108
Ion Ratio	Lower	Upper	
240	100		
120	8.3	6.7	10.1
236	26.2	21.5	32.3

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: 79.797 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044963.D

Acq: 7 Apr 2020 20:20

Instrument :

BNA_G

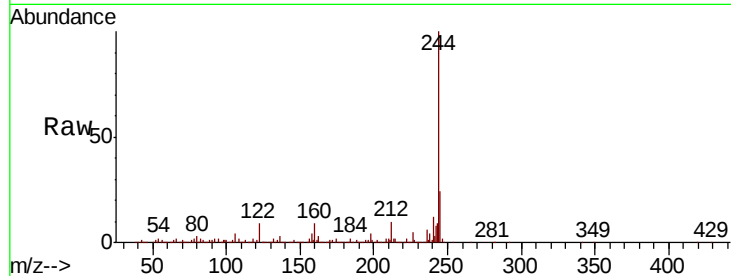
ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

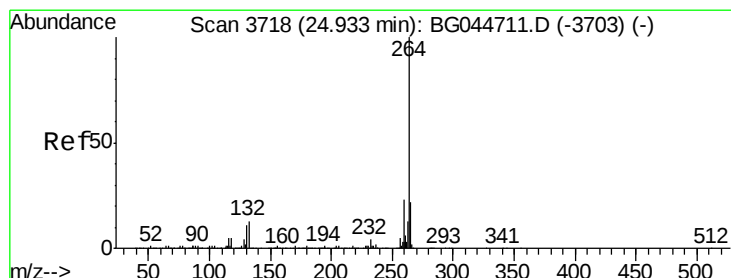
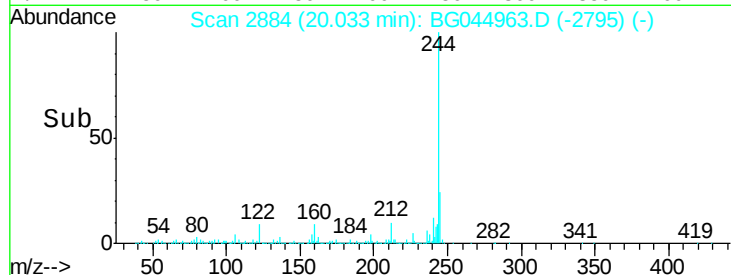
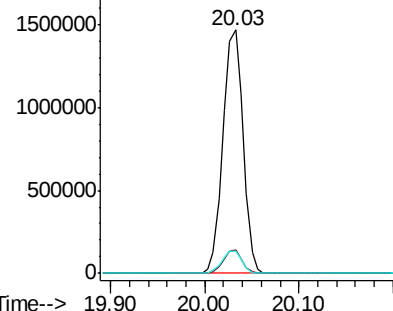
Tot Ion:	244	Resp:	2180374
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.7	11.5
122	9.2	8.6	12.8

Manual Integrations
APPROVED

mohammad
4/8/2020 8:14:17 AM



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 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

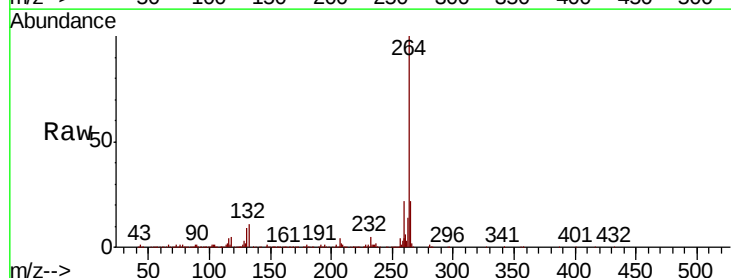
RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044963.D

Acq: 7 Apr 2020 20:20

Tgt Ion:	264	Resp:	554627
Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.1	27.1
265	22.4	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
250000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

