

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045112.D
 Acq On : 21 Apr 2020 15:18
 Operator : CG/JU
 Sample : L2340-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 4/24/2020 4:18:48 AM

Quant Time: Apr 21 16:49:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 14:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	55252	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	237998	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	176797	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	428932	20.00	ng	0.00
76) Chrysene-d12	21.66	240	437486	20.00	ng	0.00
87) Perylene-d12	24.85	264	476138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	398357	119.03	ng	0.00
7) Phenol-d6	7.19	99	583414	117.33	ng	0.00
23) Nitrobenzene-d5	9.18	82	522366	100.15	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	442083	161.86	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1235790	102.49	ng	0.00
79) Terphenyl-d14	20.01	244	2196155	109.41	ng	0.00
Target Compounds						
10) Phenol	7.21	94	28628	5.754	ng	91
20) 3+4-Methylphenols	8.78	107	223344	41.564	ng	90
32) Benzoic acid	10.08	122	7851m	8.680	ng	
50) Dimethylphthalate	14.10	163	38061	2.644	ng	99

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

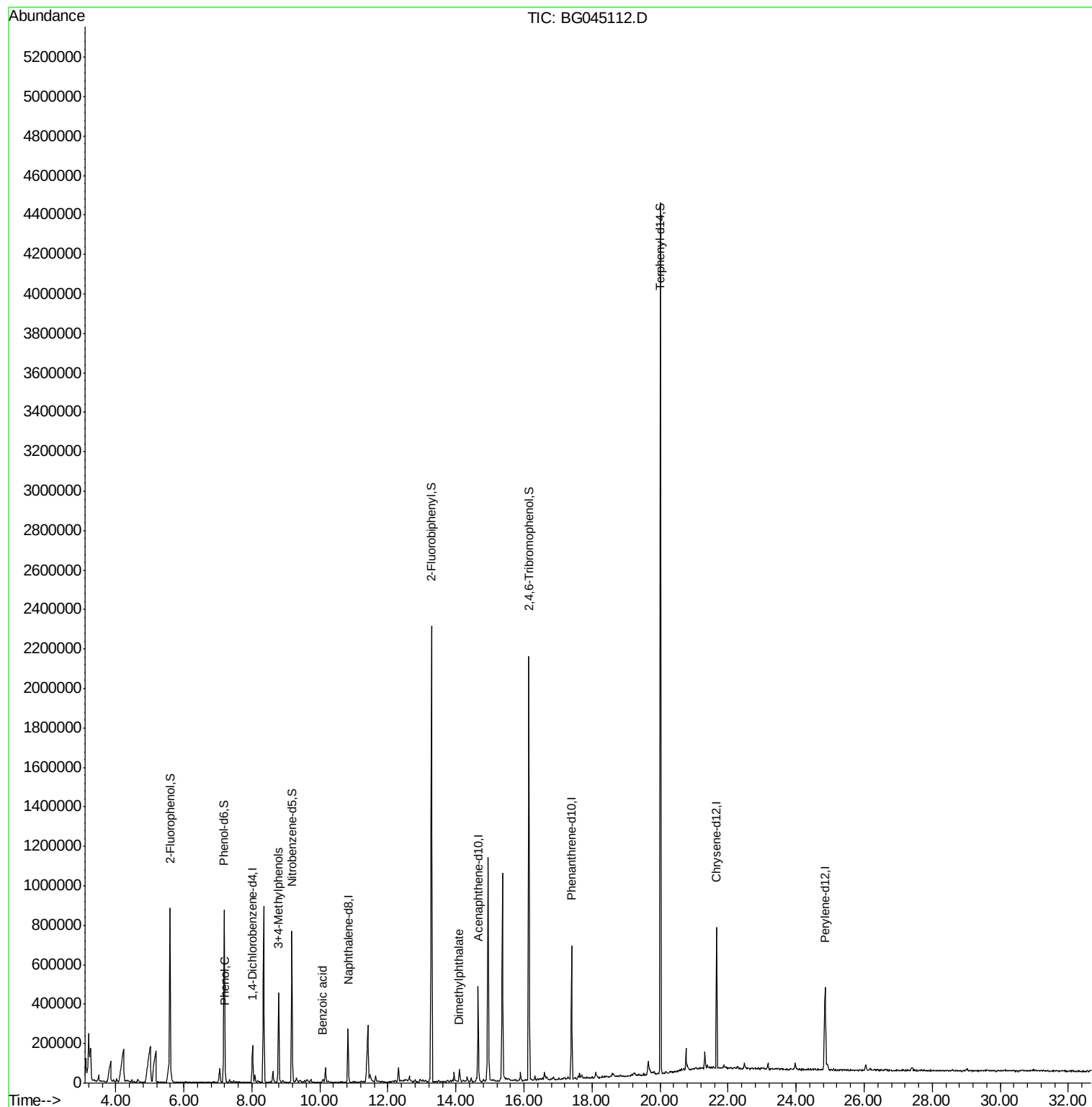
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
Data File : BG045112.D
Acq On : 21 Apr 2020 15:18
Operator : CG/JU
Sample : L2340-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

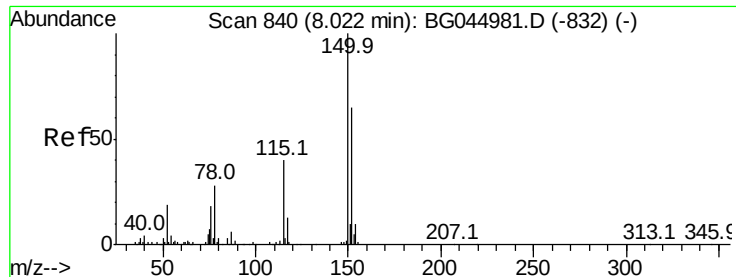
Instrument :
BNA_G
ClientSampleId :
RECLAIM-SYSTEM-SEDIMENT-PIT

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Quant Time: Apr 21 16:49:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 14:13:24 2020
Response via : Initial Calibration





#1

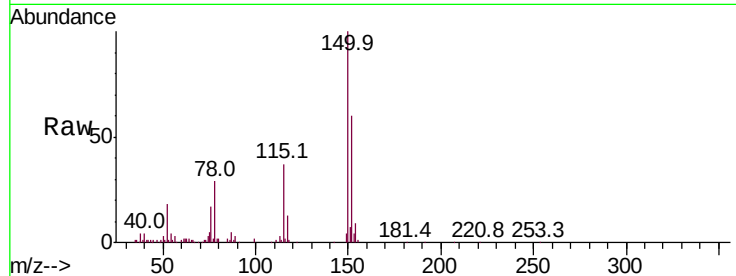
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG045112.D
Acq: 21 Apr 2020 15:18

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.7	123.6	185.4
115	61.9	49.1	73.7

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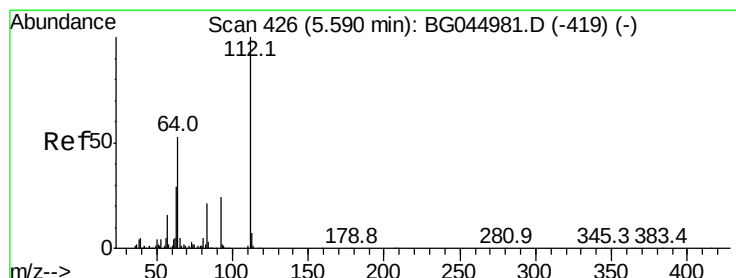
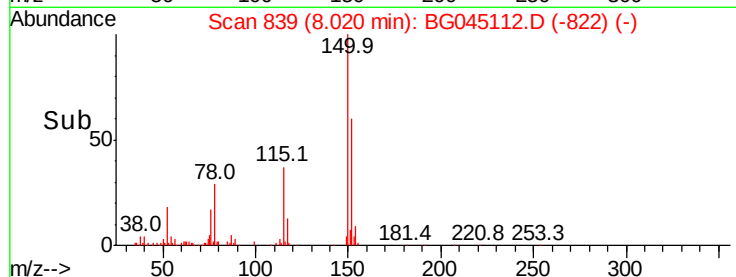
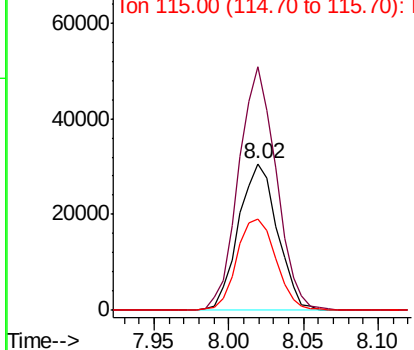


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

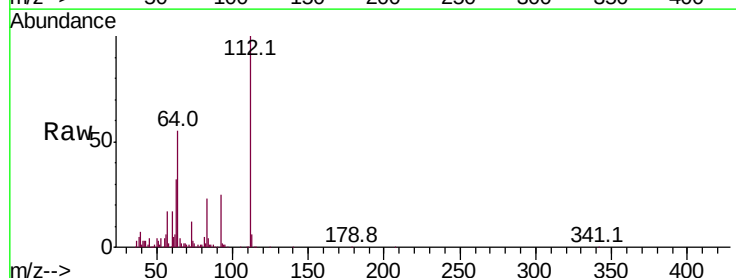
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.030 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045112.D
Acq: 21 Apr 2020 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.4	63.6
63	32.1	23.1	34.7

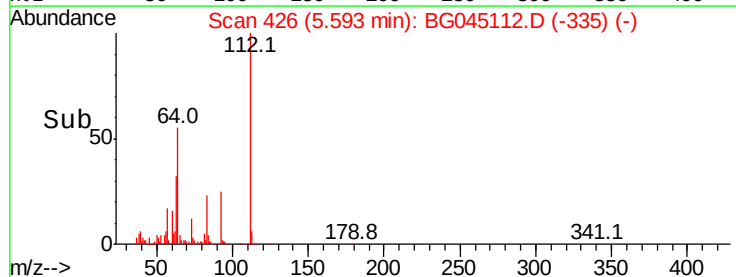
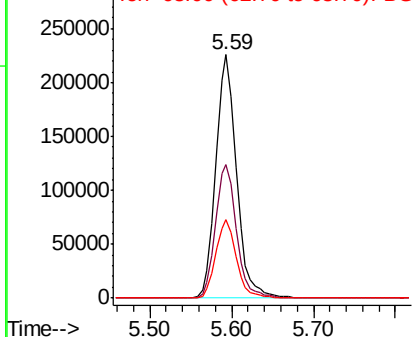


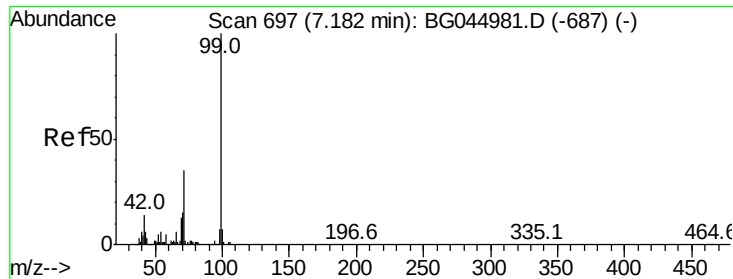
Abundance

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: 117.332 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045112.D

Acq: 21 Apr 2020 15:18

Instrument :

BNA_G

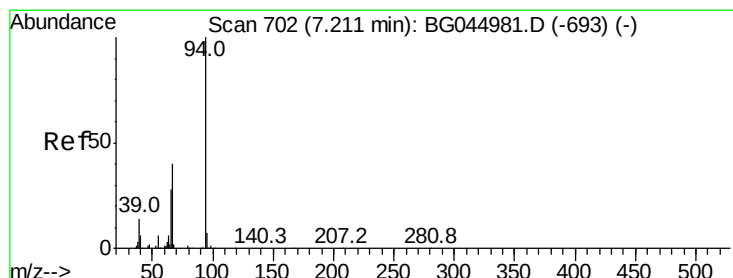
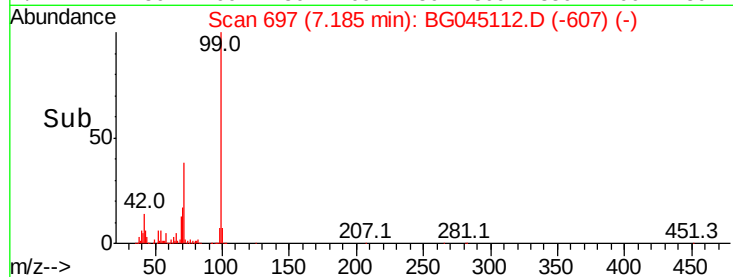
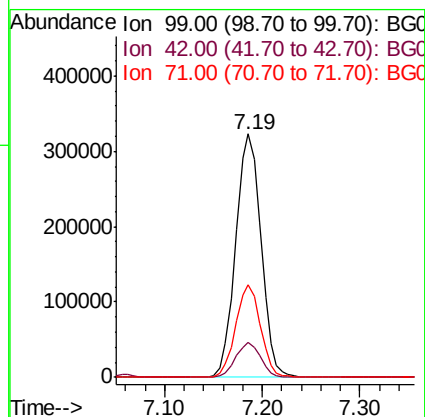
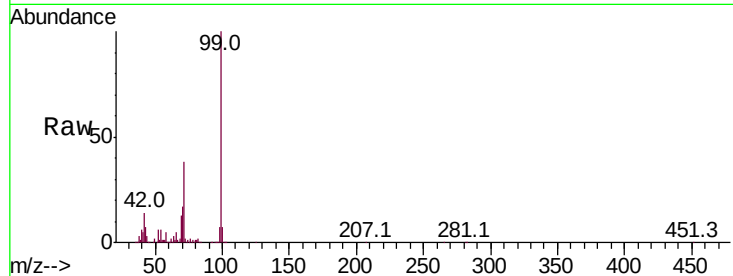
ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		583414		
42	14.2	11.3	16.9		
71	38.1	28.3	42.5		

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#10

Phenol

Concen: 5.754 ng

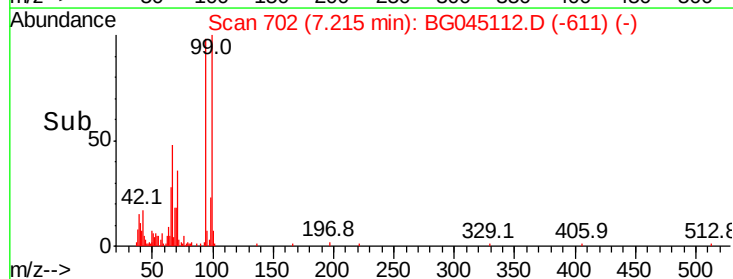
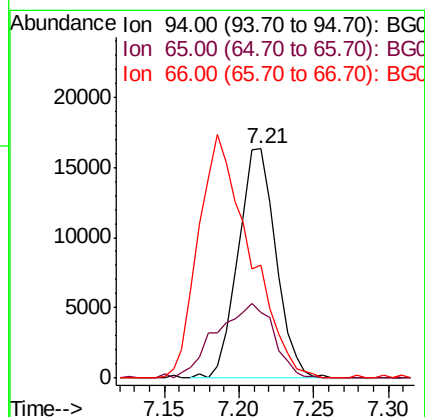
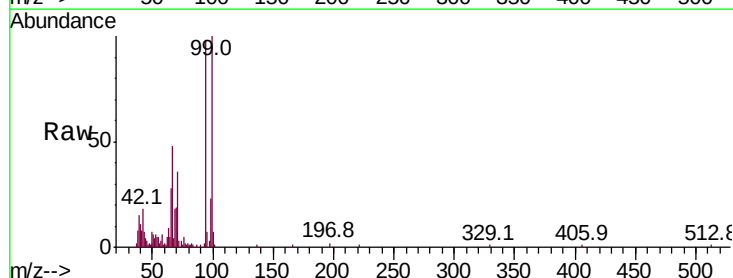
RT: 7.21 min Scan# 702

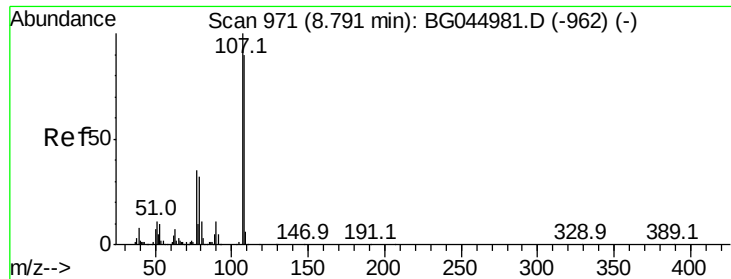
Delta R.T. 0.00 min

Lab File: BG045112.D

Acq: 21 Apr 2020 15:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		28628		
65	28.9	8.2	48.2		
66	49.2	20.4	60.4		





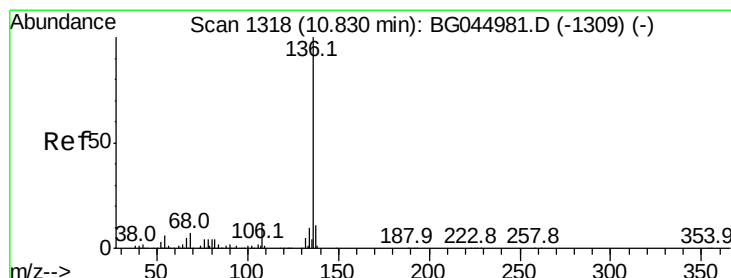
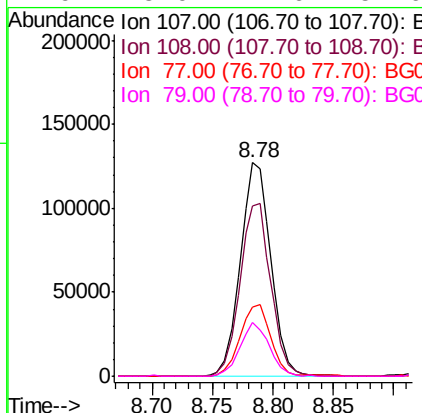
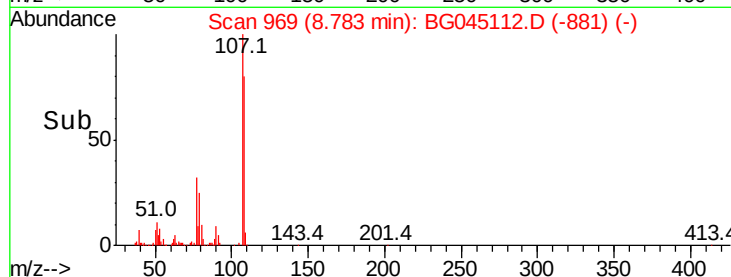
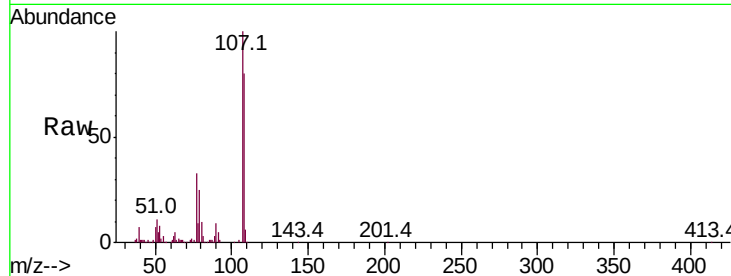
#20
3+4-Methylphenols
Concen: 41.564 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.02 min
Lab File: BG045112.D
Acq: 21 Apr 2020 15:18

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	223344		
108	79.8		69.9	109.9
77	32.5		15.2	55.2
79	25.0		11.6	51.6

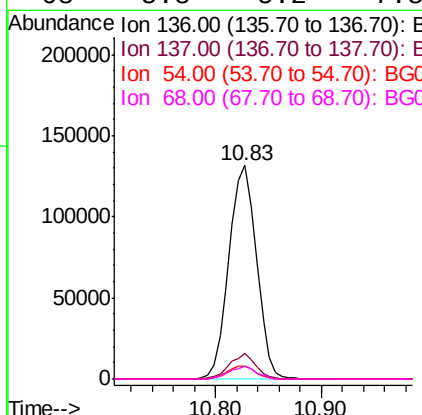
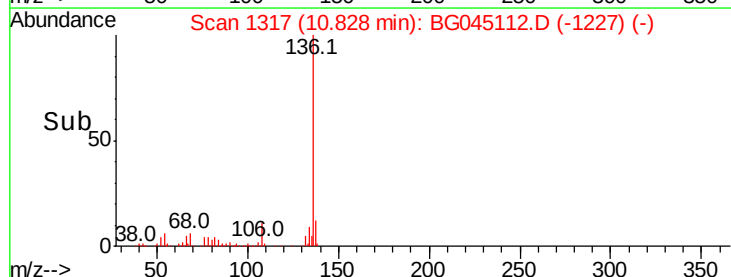
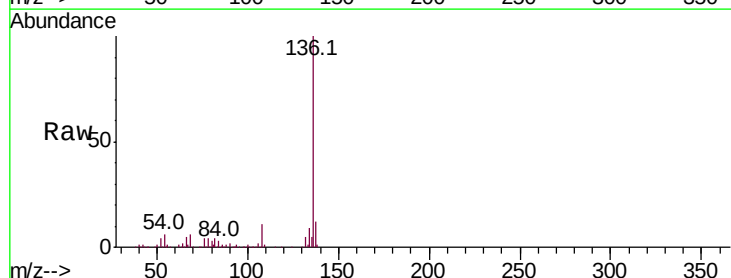
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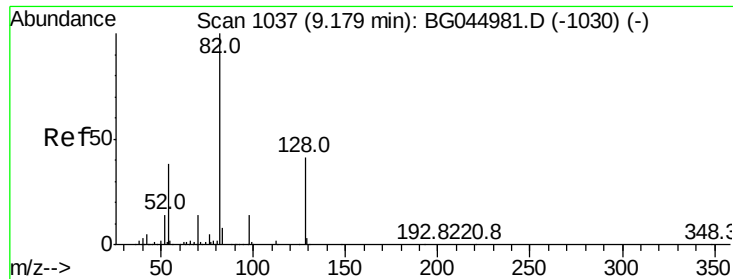
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG045112.D
Acq: 21 Apr 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	237998		
137	11.7		8.6	13.0
54	5.9		4.8	7.2
68	5.8		5.2	7.8





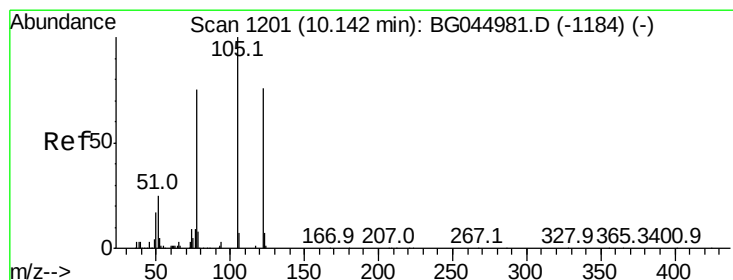
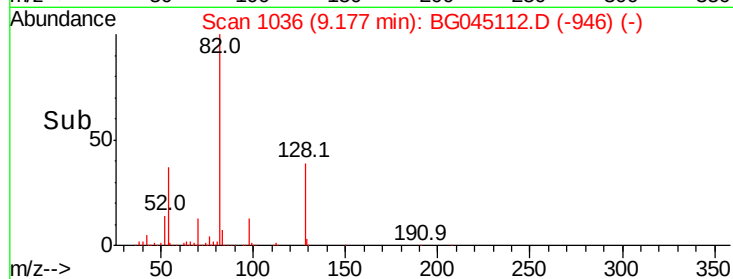
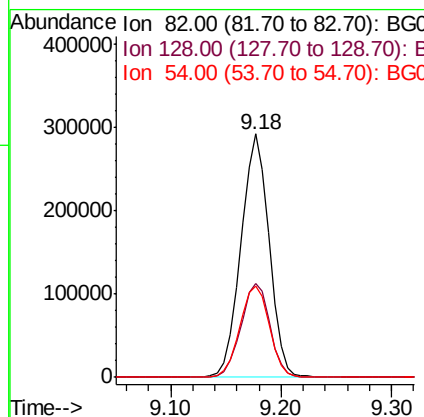
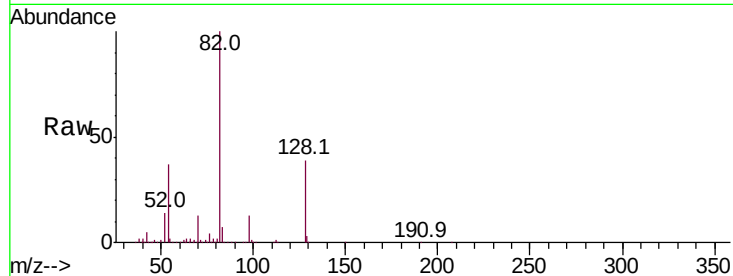
#23
Nitrobenzene-d5
Concen: 100.148 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045112.D
Acq: 21 Apr 2020 15:18

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

Tot Ion	82	Resp	522366
Ion Ratio	Lower	Upper	
82	100		
128	38.8	33.0	49.4
54	37.5	30.4	45.6

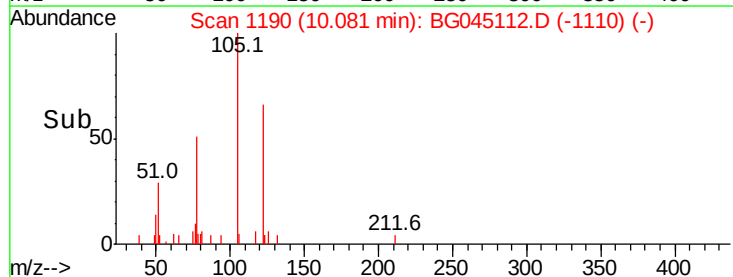
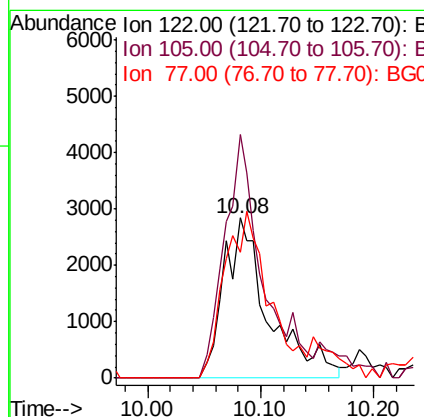
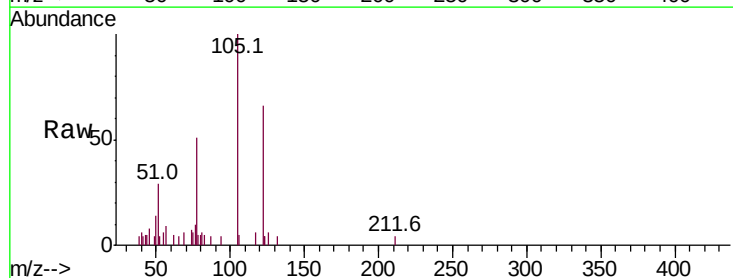
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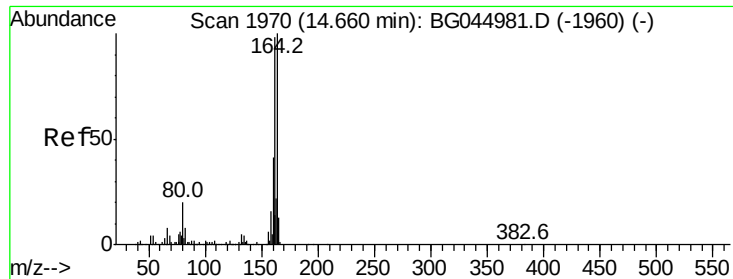
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#32
Benzoic acid
Concen: 8.680 ng m
RT: 10.08 min Scan# 1190
Delta R.T. -0.06 min
Lab File: BG045112.D
Acq: 21 Apr 2020 15:18

Tgt Ion	122	Resp	7851
Ion Ratio	Lower	Upper	
122	100		
105	152.1	108.4	148.4#
77	78.3	78.8	118.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG045112.D

Acq: 21 Apr 2020 15:18

Instrument :

BNA_G

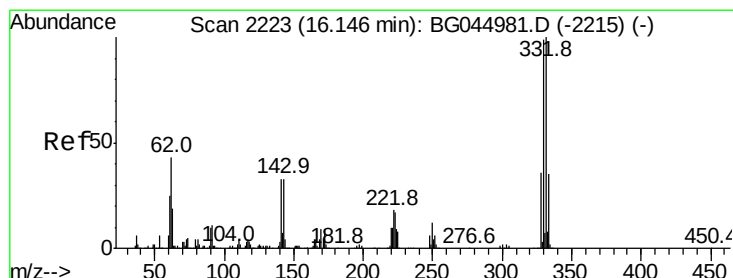
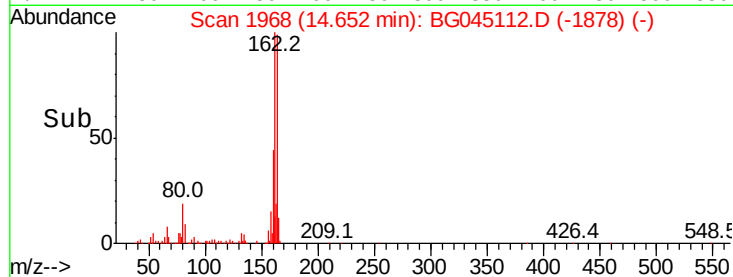
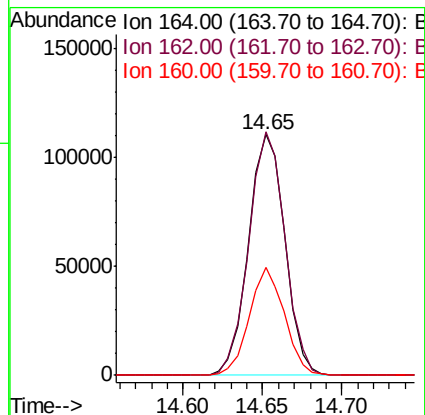
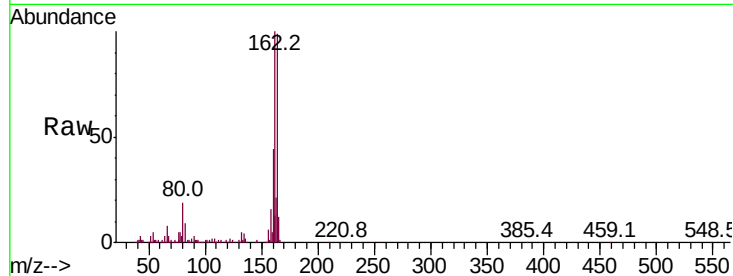
ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion:	164	Resp:	176797
Ion Ratio	Lower	Upper	
164	100		
162	101.2	78.7	118.1
160	44.6	32.8	49.2

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#42

2,4,6-Tribromophenol

Concen: 161.859 ng

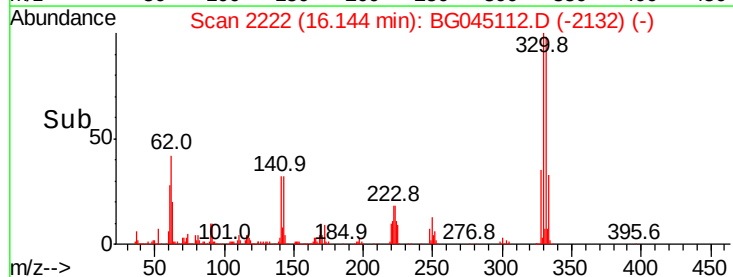
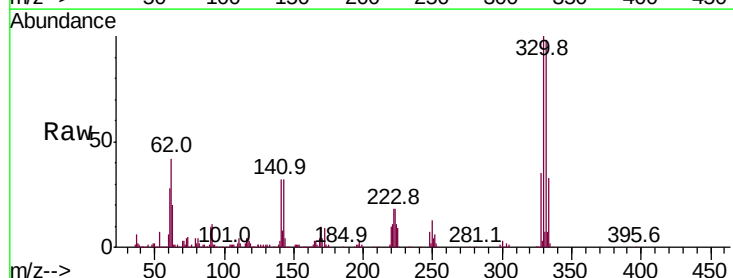
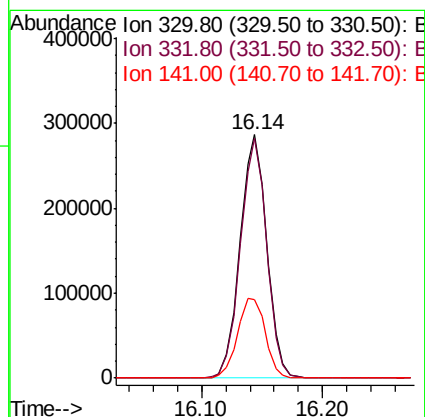
RT: 16.14 min Scan# 2222

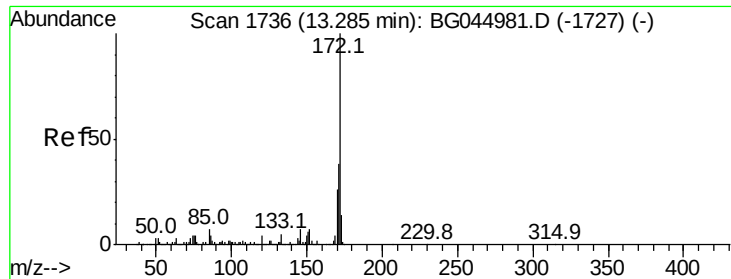
Delta R.T. -0.00 min

Lab File: BG045112.D

Acq: 21 Apr 2020 15:18

Tgt Ion:	330	Resp:	442083
Ion Ratio	Lower	Upper	
330	100		
332	97.2	79.1	118.7
141	34.1	27.1	40.7





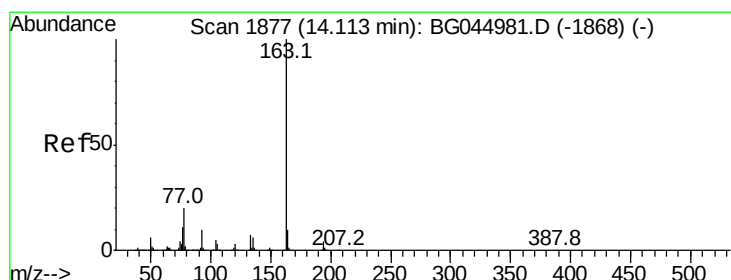
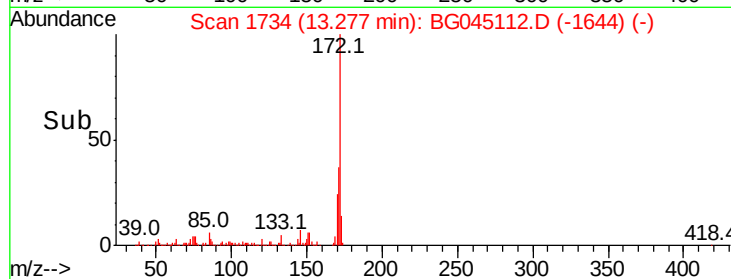
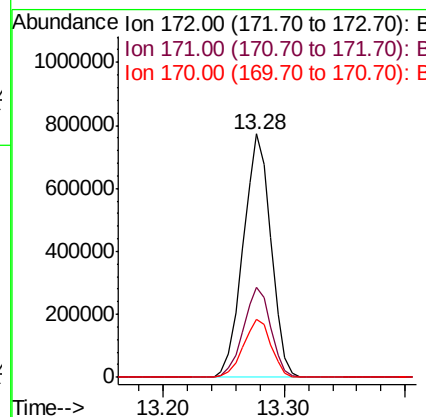
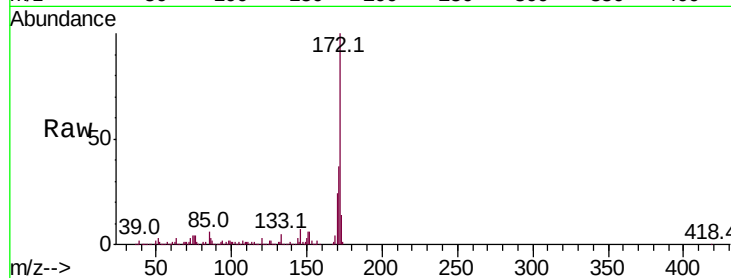
#45
2-Fluorobiphenyl
Concen: 102.494 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG045112.D
Acq: 21 Apr 2020 15:18

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	23.6	20.5	30.7

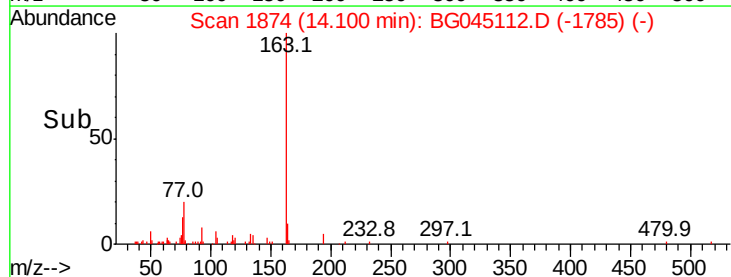
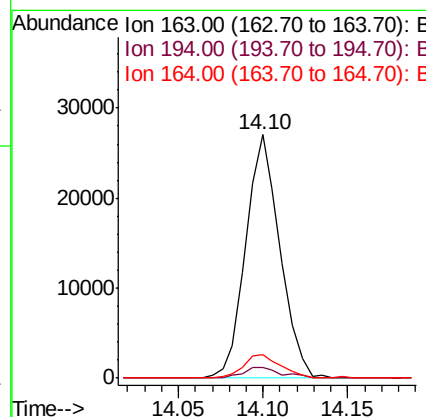
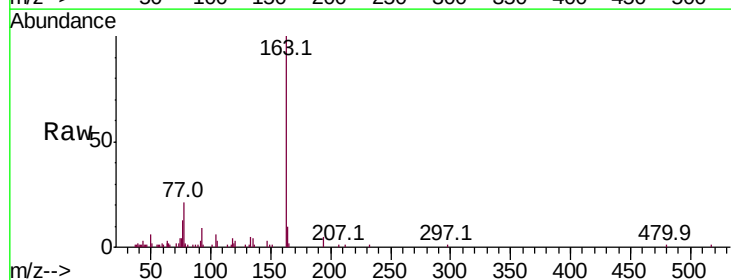
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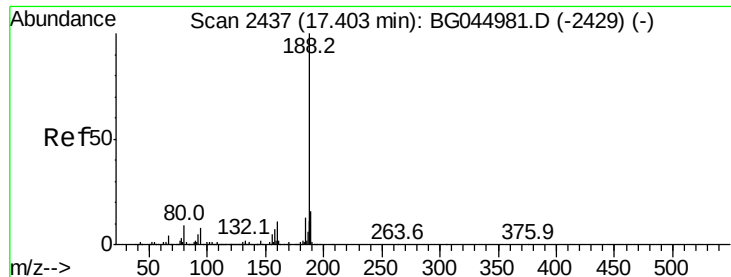
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#50
Dimethylphthalate
Concen: 2.644 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG045112.D
Acq: 21 Apr 2020 15:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.6	8.2	12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG045112.D

Acq: 21 Apr 2020 15:18

Instrument :

BNA_G

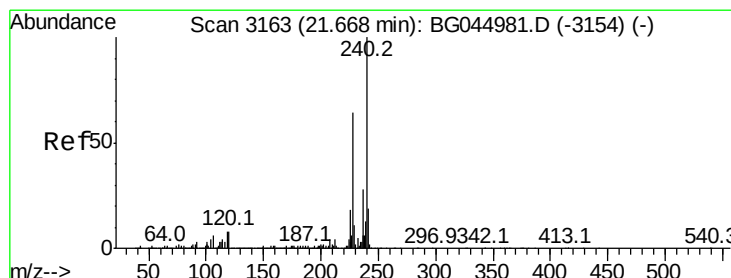
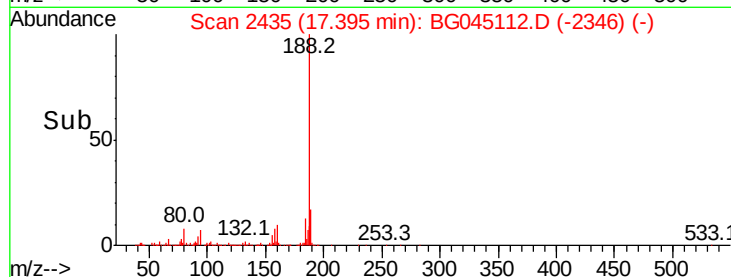
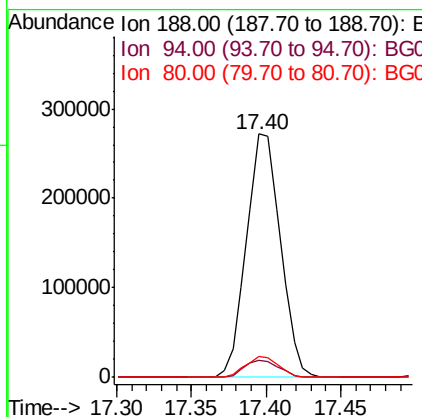
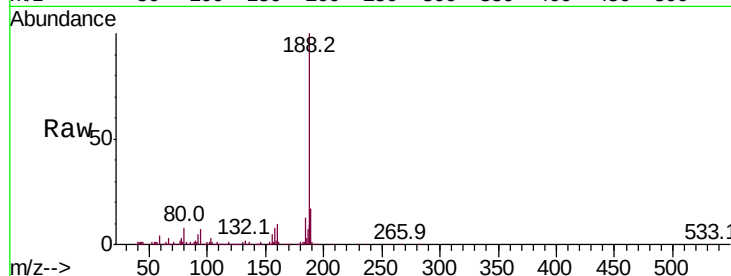
ClientSampleId :

RECLAIM-SYSTEM-SEDIMENT-PIT

Tot Ion:	188	Resp:	428932
Ion Ratio	Lower	Upper	
188	100		
94	6.8	6.2	9.4
80	8.4	7.0	10.6

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#76

Chrysene-d12

Concen: 20.000 ng

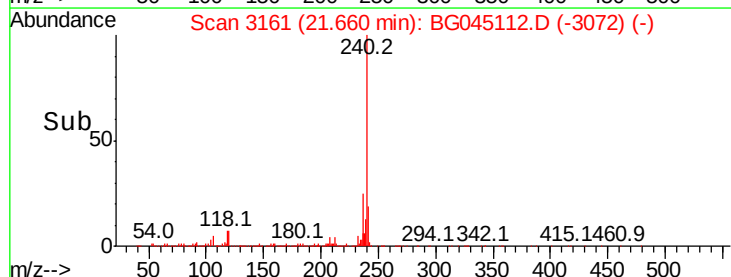
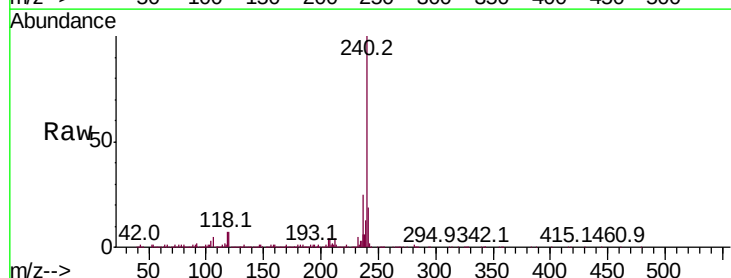
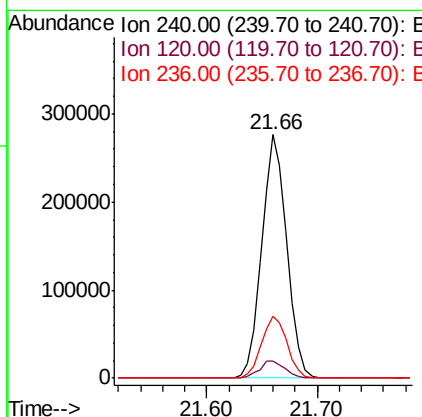
RT: 21.66 min Scan# 3161

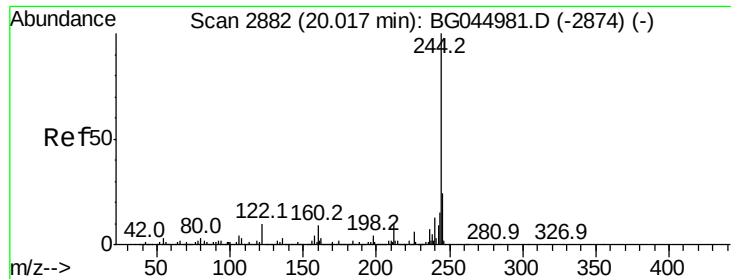
Delta R.T. -0.01 min

Lab File: BG045112.D

Acq: 21 Apr 2020 15:18

Tgt Ion:	240	Resp:	437486
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.6	10.0
236	25.2	22.2	33.2





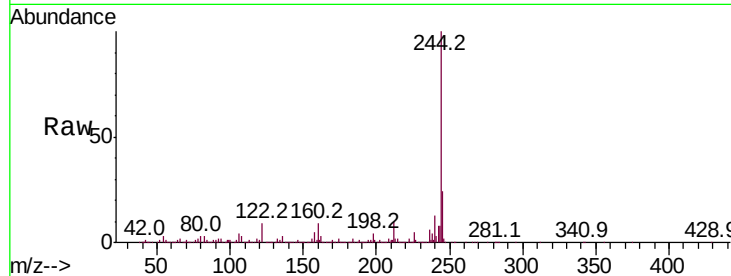
#79
 Terphenyl-d14
 Concen: 109.413 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG045112.D
 Acq: 21 Apr 2020 15:18

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.9	11.9
122	8.8	7.7	11.5

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:18:48 AM

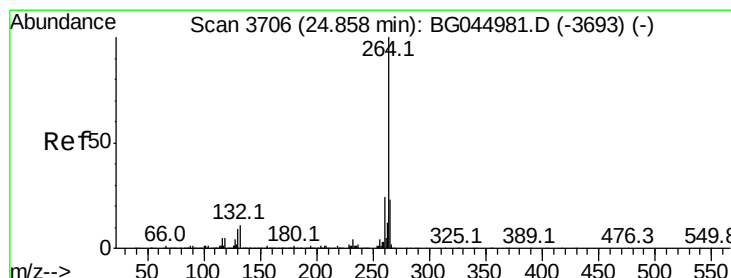
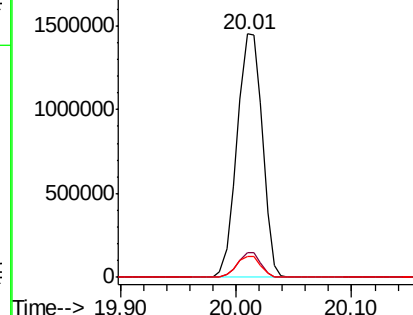
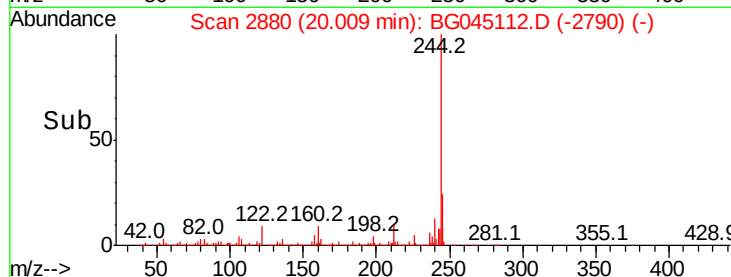


Abundance

Ion 244.00 (243.70 to 244.70): E

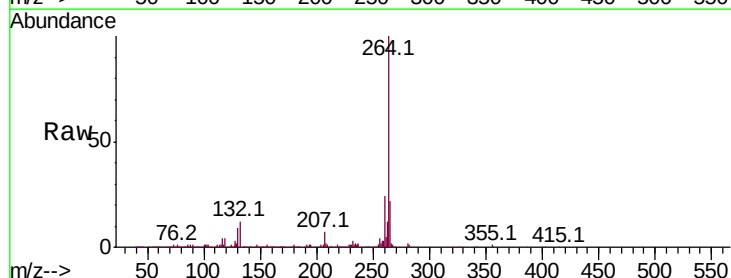
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.01 min
 Lab File: BG045112.D
 Acq: 21 Apr 2020 15:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	19.0	28.4



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

