

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062220\
 Data File : BG045826.D
 Acq On : 22 Jun 2020 13:56
 Operator : CG/JU
 Sample : L3033-10DL2 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-DUP-0572-200616DL2

Manual Integrations
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Quant Time: Jun 22 14:33:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	42568	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	169962	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	132155	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	320580	20.00	ng	0.00
76) Chrysene-d12	21.57	240	335967	20.00	ng	0.00
86) Perylene-d12	24.70	264	350073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2575	1.02	ng	0.00
7) Phenol-d6	7.15	99	2380	0.62	ng	-0.01
23) Nitrobenzene-d5	9.08	82	5388	1.45	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	4234	2.12	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	14762	1.64	ng	0.00
79) Terphenyl-d14	19.93	244	28652	1.73	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	123846	107.304	ng	99
10) Phenol	7.17	94	14308	3.852	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	21841	7.742	ng	95
14) 1,2-Dichlorobenzene	8.27	146	21589	7.024	ng	89
17) 2-Methylphenol	8.41	107	20977	7.589	ng	93
20) 3+4-Methylphenols	8.74	107	141331	38.880	ng	# 74
27) 2,4-Dimethylphenol	9.96	122	57610m	22.832	ng	

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

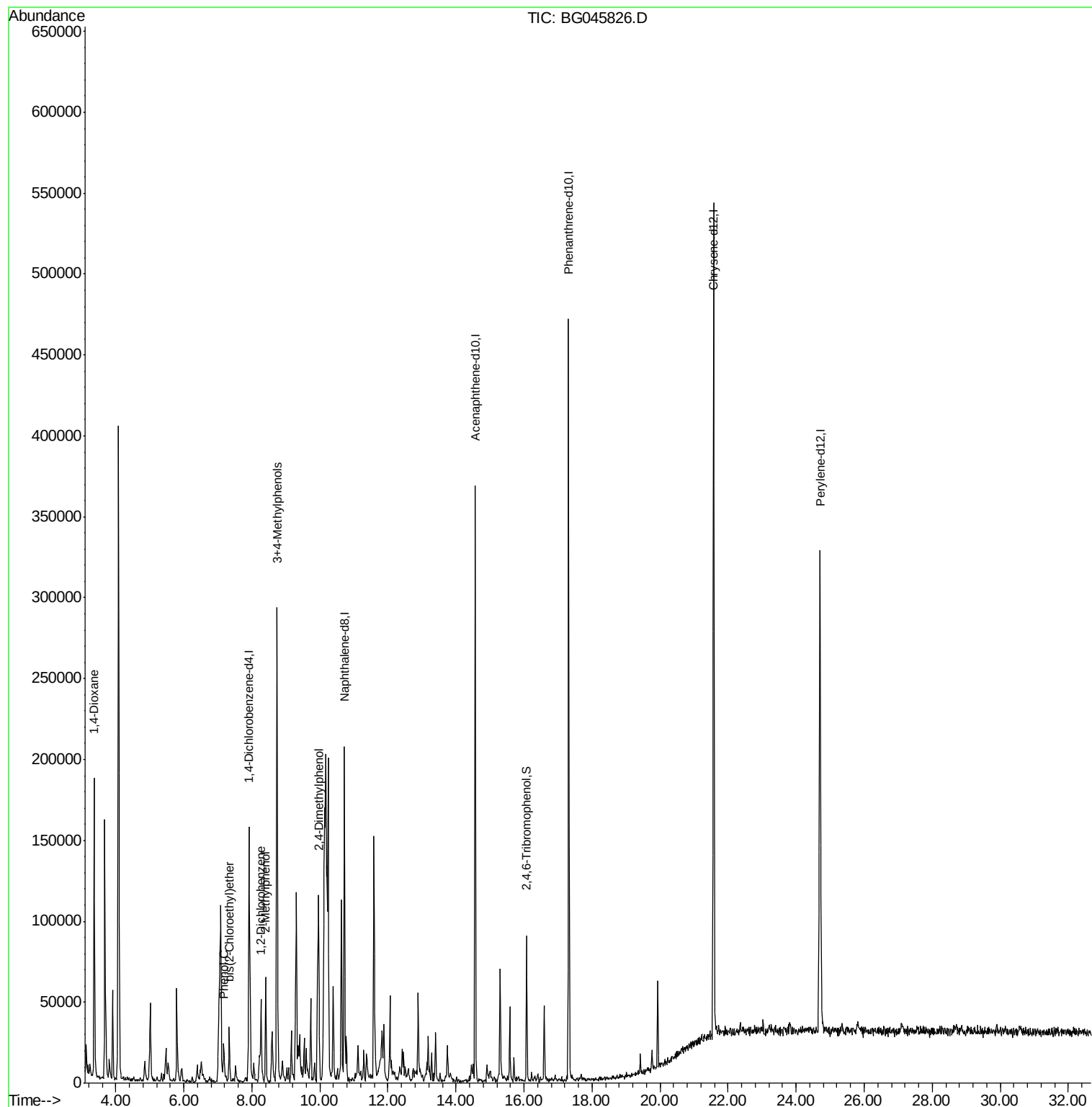
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062220\
Data File : BG045826.D
Acq On : 22 Jun 2020 13:56
Operator : CG/JU
Sample : L3033-10DL2 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

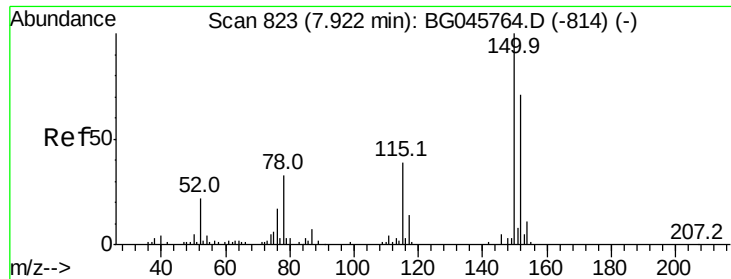
Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Manual Integrations
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Quant Time: Jun 22 14:33:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

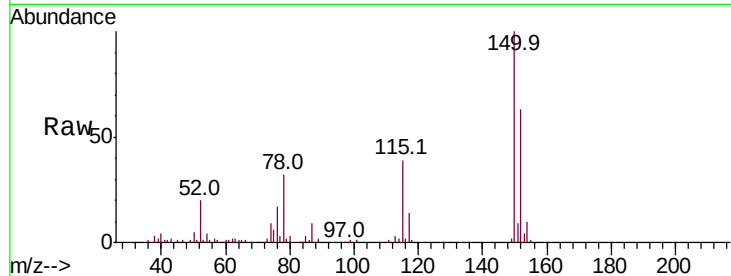
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	113.1	169.7
115	61.1	43.8	65.6

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Abundance

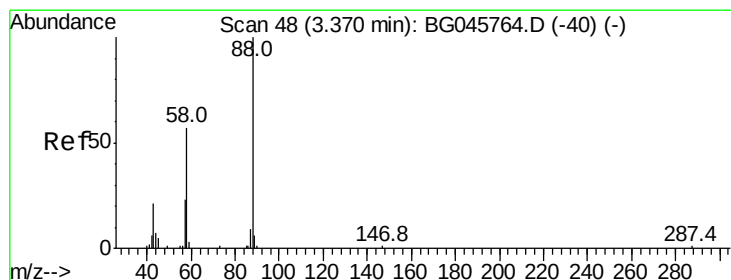
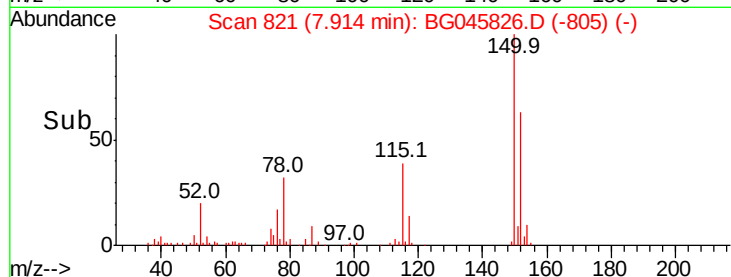
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.91

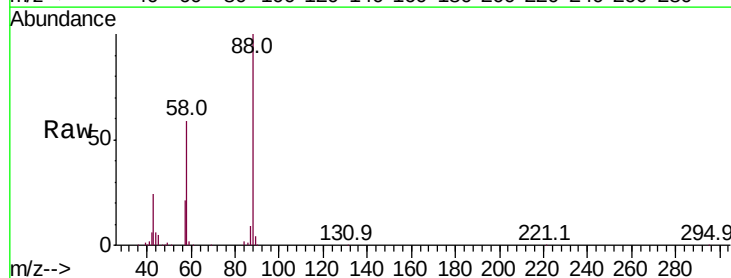
Time-->



#2

1,4-Dioxane
Concen: 107.304 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.4	46.1	69.1
43	23.9	19.2	28.8



Abundance

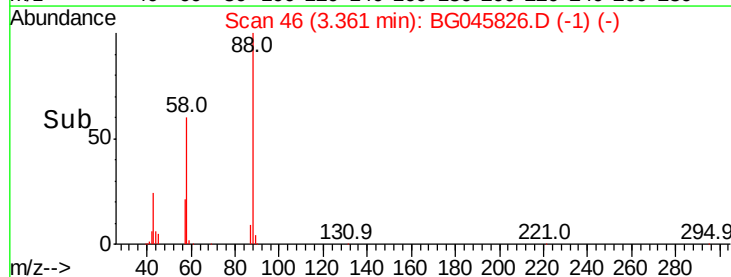
Ion 88.00 (87.70 to 88.70): BGC

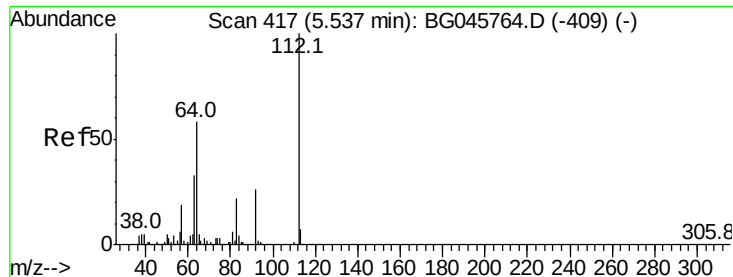
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

3.36

Time-->





#5

2-Fluorophenol

Concen: 1.022 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045826.D

Acq: 22 Jun 2020 13:56

Instrument :

BNA_G

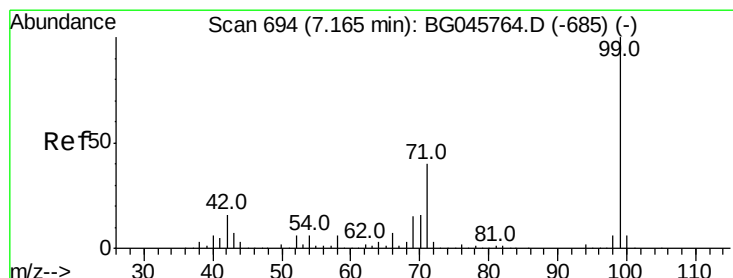
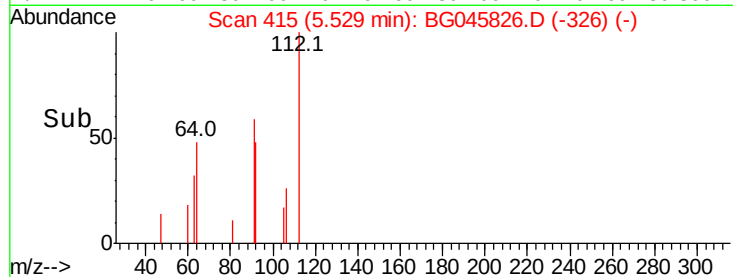
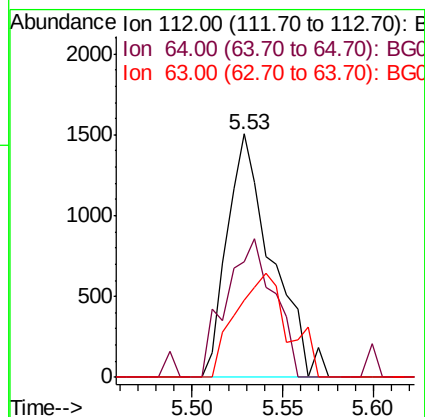
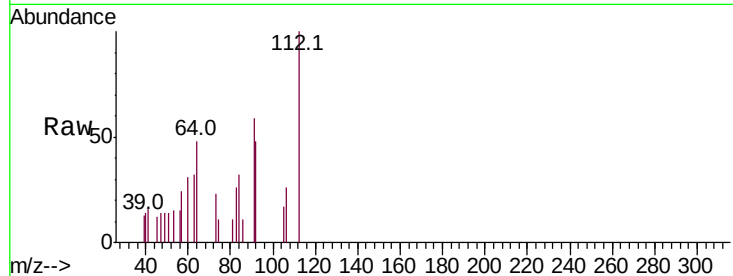
ClientSampleId :

Z1-DUP-0572-200616DL2

Tot Ion:	112	Resp:	2575
Ion Ratio	Lower	Upper	
112	100		
64	47.7	46.6	69.8
63	31.6	26.3	39.5

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#7

Phenol-d6

Concen: 0.621 ng

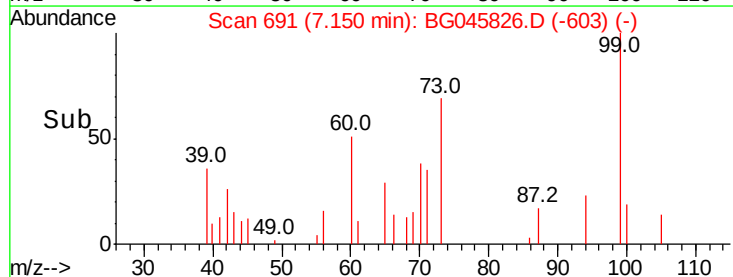
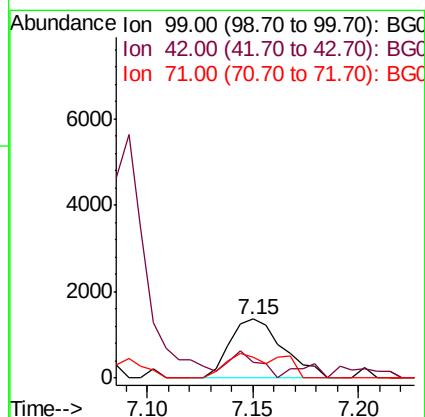
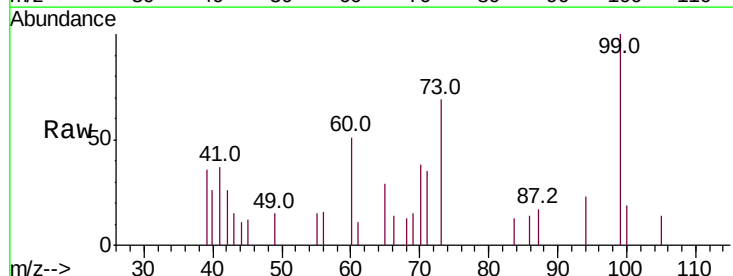
RT: 7.15 min Scan# 691

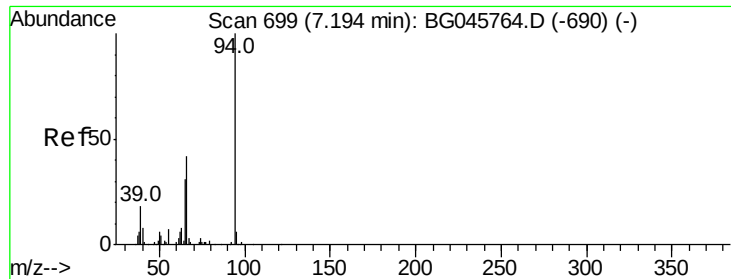
Delta R.T. -0.01 min

Lab File: BG045826.D

Acq: 22 Jun 2020 13:56

Tgt Ion:	99	Resp:	2380
Ion Ratio	Lower	Upper	
99	100		
42	25.9	12.4	18.6#
71	35.1	32.1	48.1





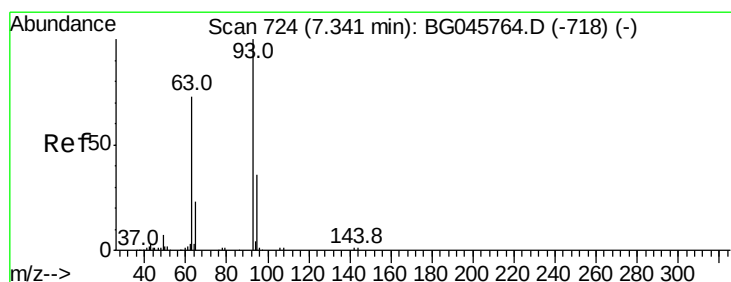
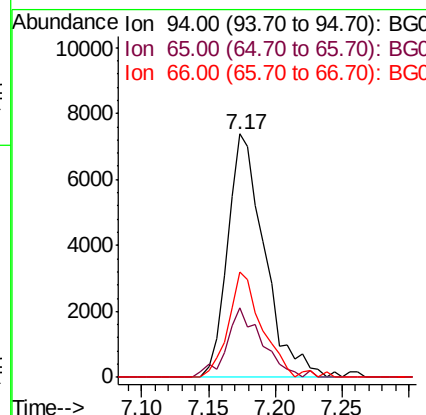
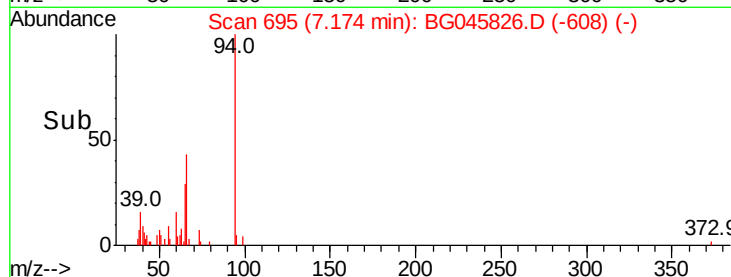
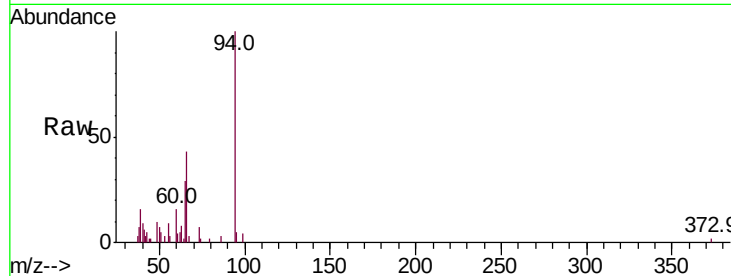
#10
Phenol
Concen: 3.852 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tot Ion	94	Resp	14308
Ion	Ratio	Lower	Upper
94	100		
65	28.7	10.7	50.7
66	43.5	22.5	62.5

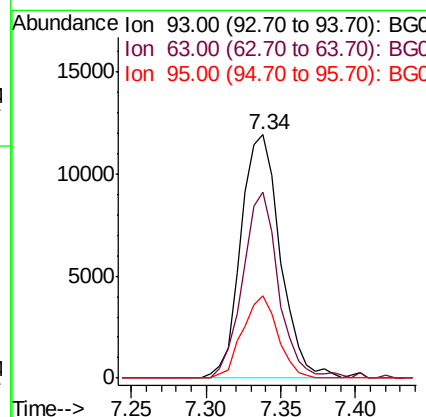
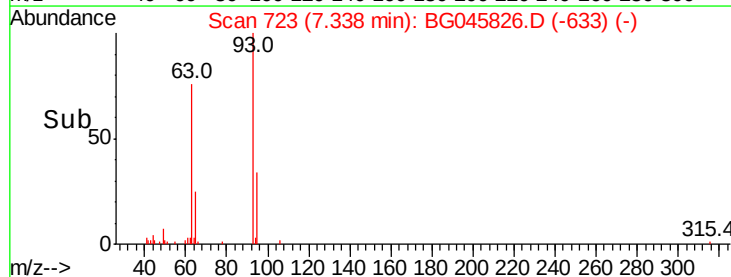
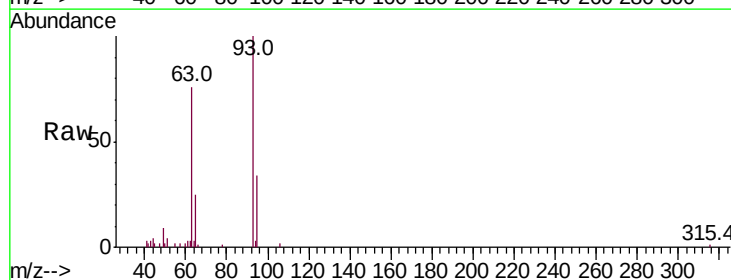
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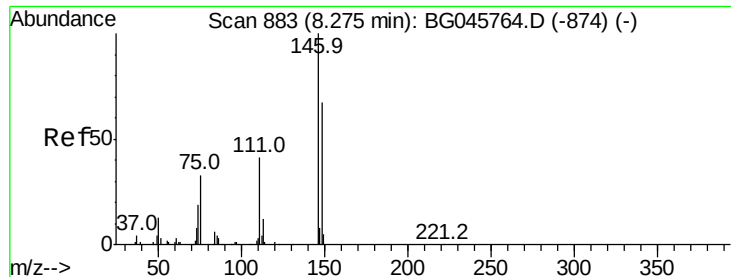
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#11
bis(2-Chloroethyl)ether
Concen: 7.742 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion	93	Resp	21841
Ion	Ratio	Lower	Upper
93	100		
63	76.4	52.0	92.0
95	34.0	15.6	55.6





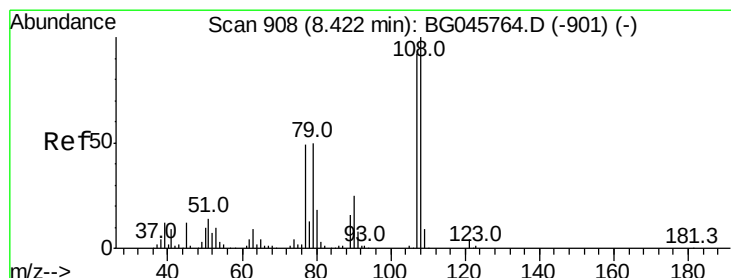
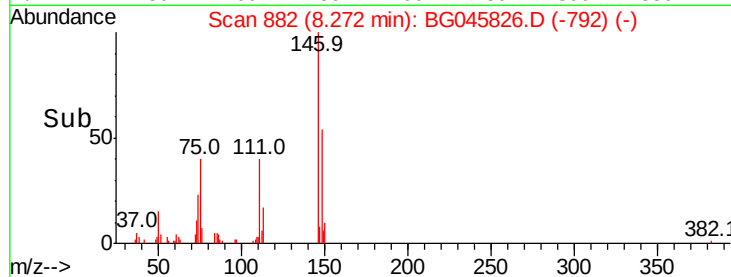
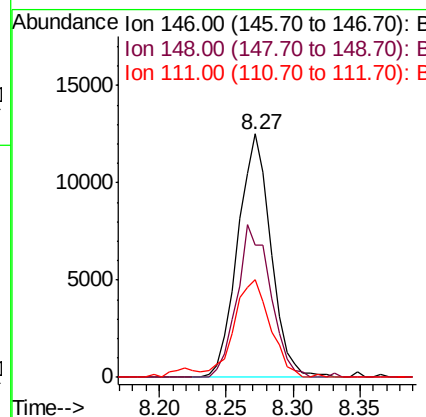
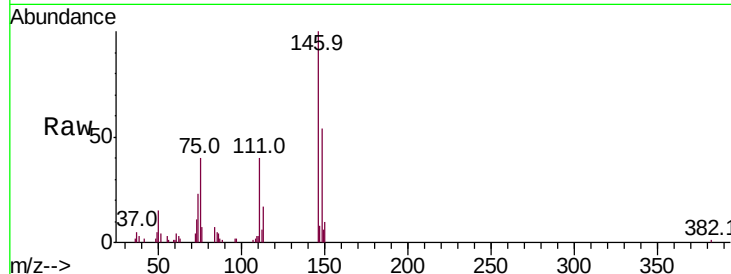
#14
1,2-Dichlorobenzene
Concen: 7.024 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tot Ion	Ratio	Lower	Upper
146	100		
148	54.3	54.1	81.1
111	40.4	32.9	49.3

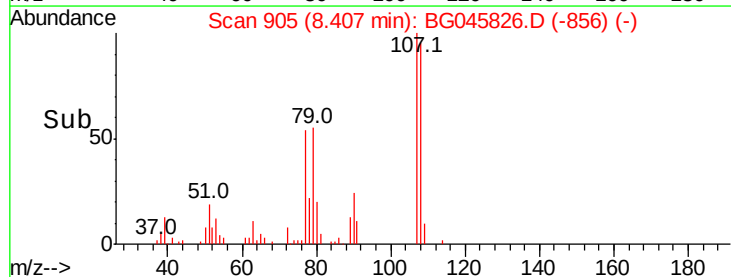
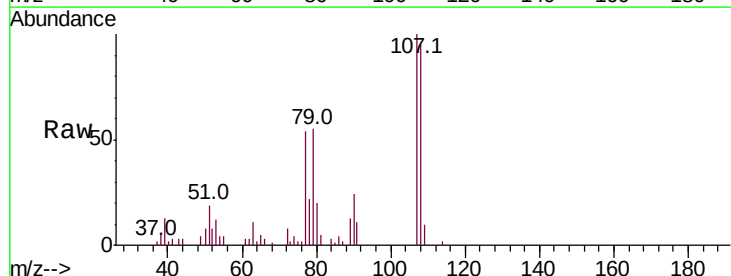
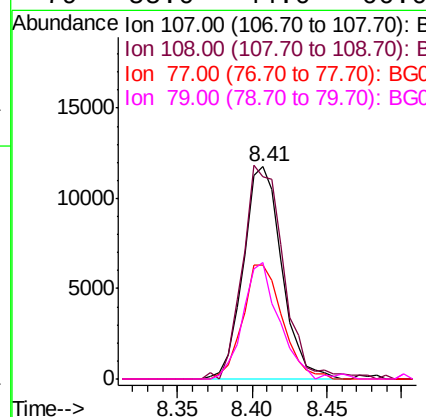
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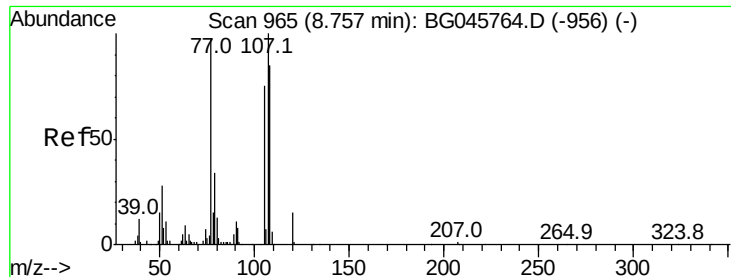
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#17
2-Methylphenol
Concen: 7.589 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.2	87.4	131.0
77	53.7	42.5	63.7
79	55.0	44.0	66.0





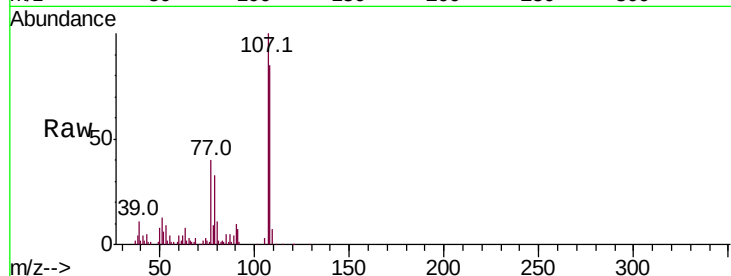
#20
3+4-Methylphenols
Concen: 38.880 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	85.0	65.4	105.4	
77	40.3	77.2	117.2	
79	33.2	14.2	54.2	

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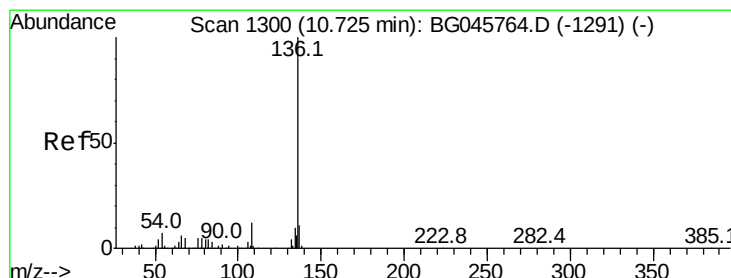
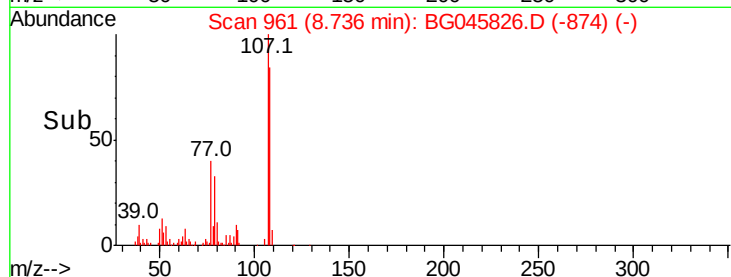
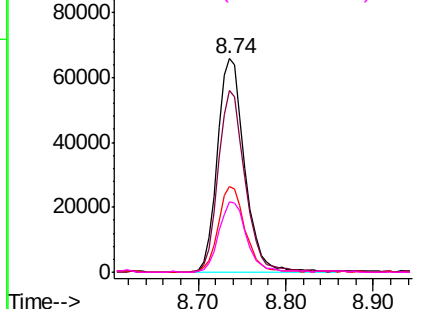
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	6.4	5.8	8.6	
68	5.2	4.0	6.0	

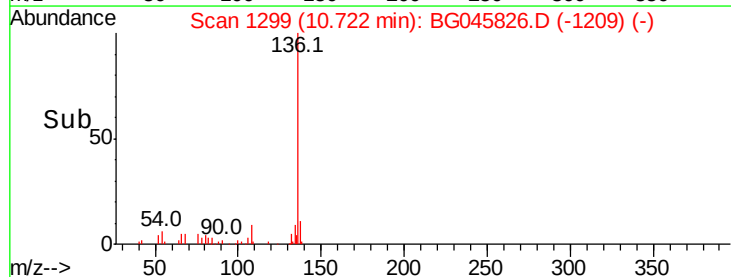
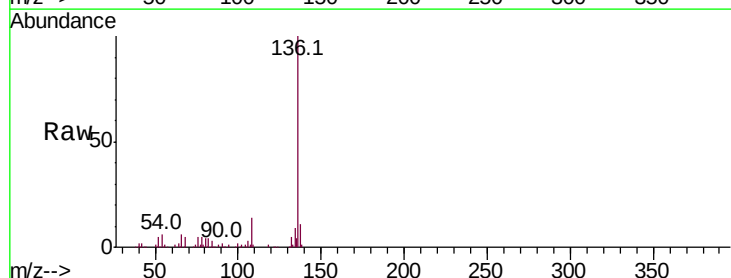
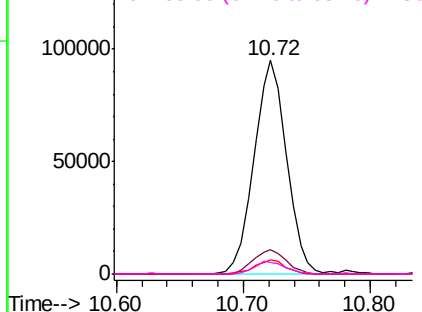
Abundance

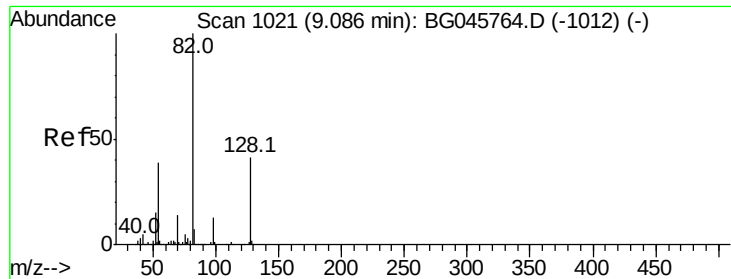
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





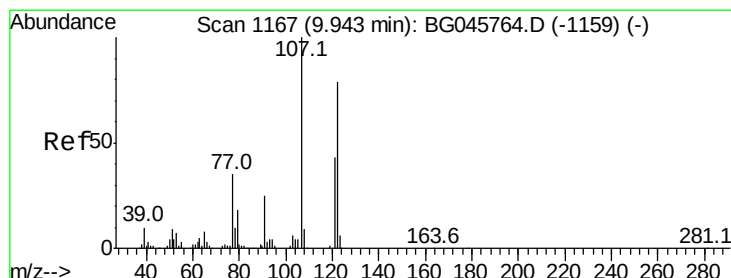
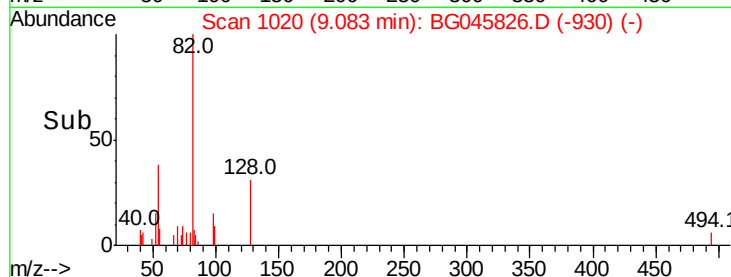
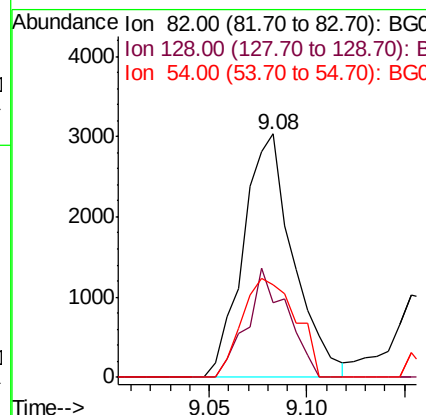
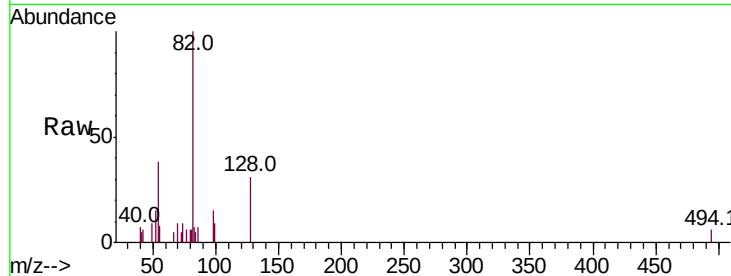
#23
 Nitrobenzene-d5
 Concen: 1.448 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045826.D
 Acq: 22 Jun 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 Z1-DUP-0572-200616DL2

Tot Ion	Ratio	Lower	Upper
82	100		
128	30.7	32.5	48.7#
54	37.9	31.2	46.8

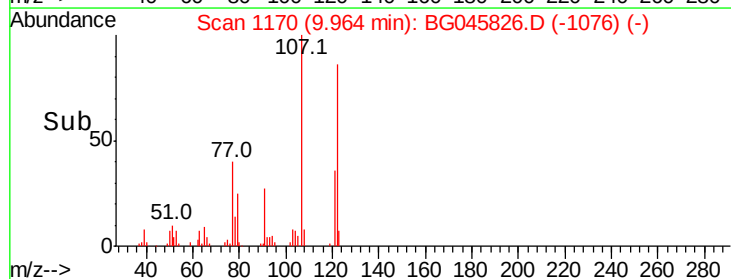
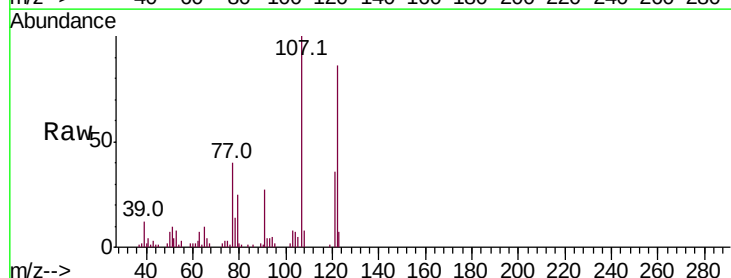
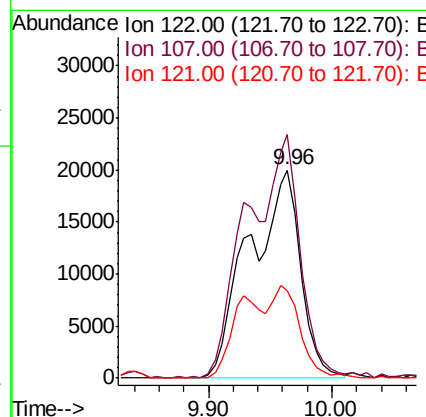
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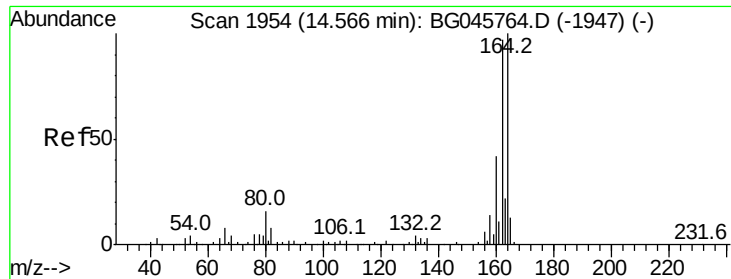
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#27
 2,4-Dimethylphenol
 Concen: 22.832 ng m
 RT: 9.96 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: BG045826.D
 Acq: 22 Jun 2020 13:56

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.9	101.3	151.9
121	42.3	43.9	65.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG045826.D

Acq: 22 Jun 2020 13:56

Instrument :

BNA_G

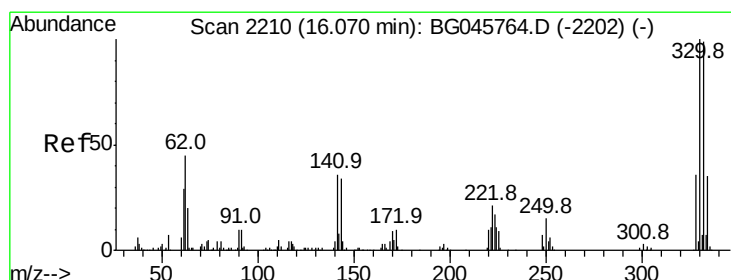
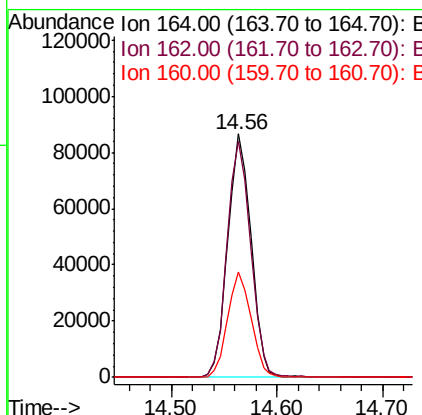
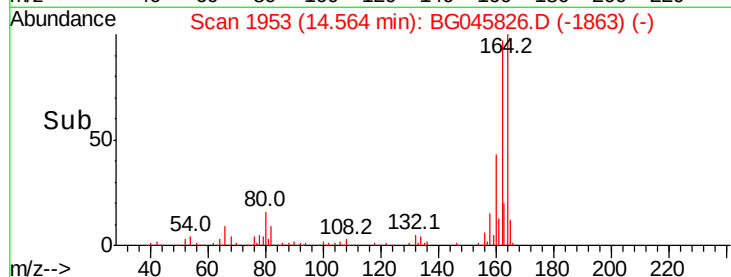
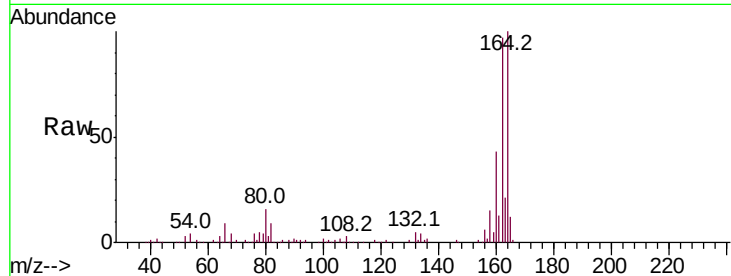
ClientSampleId :

Z1-DUP-0572-200616DL2

Tot Ion:	164	Resp:	132155
Ion Ratio	Lower	Upper	
164	100		
162	96.7	77.4	116.0
160	43.3	33.3	49.9

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 2.122 ng

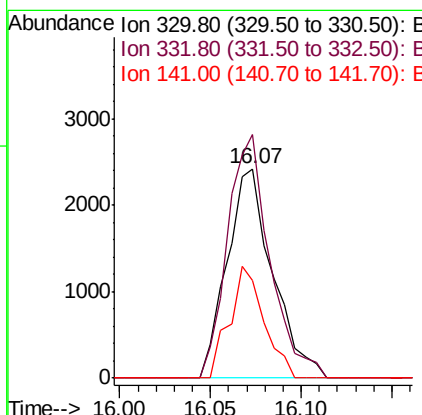
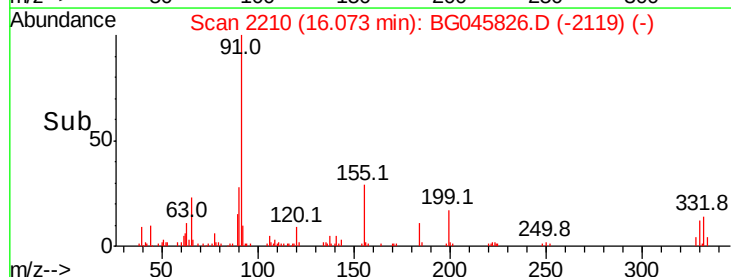
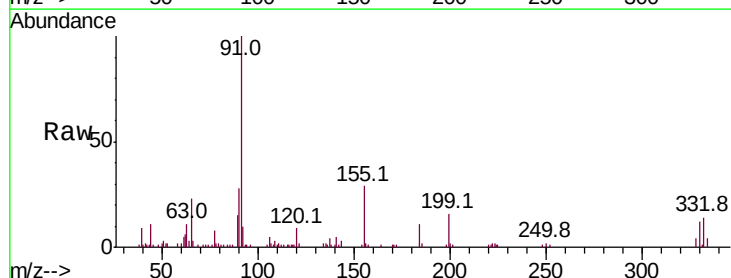
RT: 16.07 min Scan# 2210

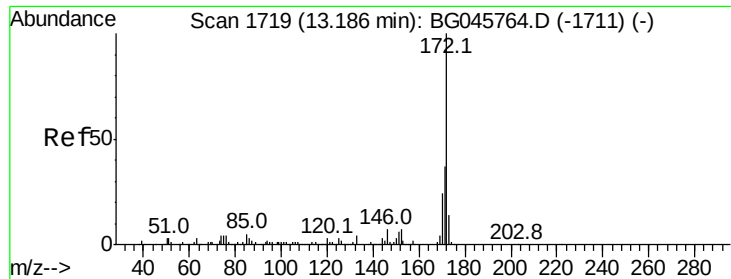
Delta R.T. 0.00 min

Lab File: BG045826.D

Acq: 22 Jun 2020 13:56

Tgt Ion:	330	Resp:	4234
Ion Ratio	Lower	Upper	
330	100		
332	108.1	78.6	117.8
141	40.2	28.2	42.4





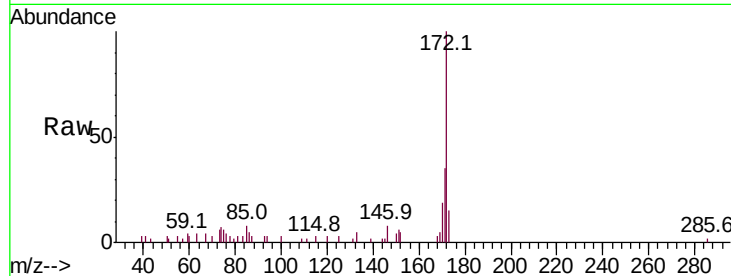
#45
2-Fluorobiphenyl
Concen: 1.642 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	19.0	19.3	28.9#

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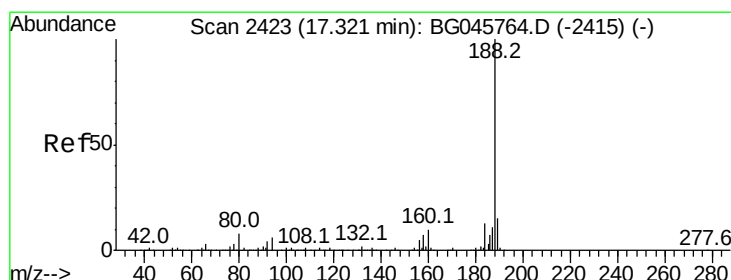
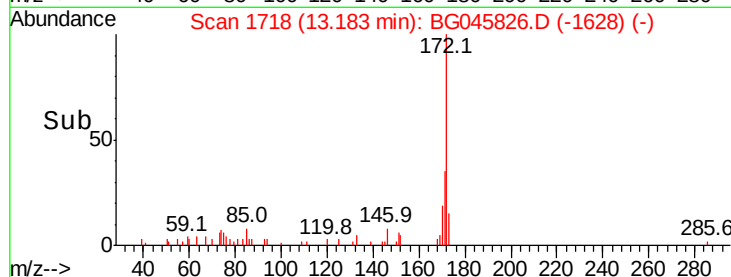
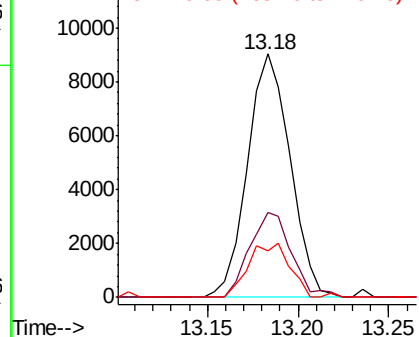


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

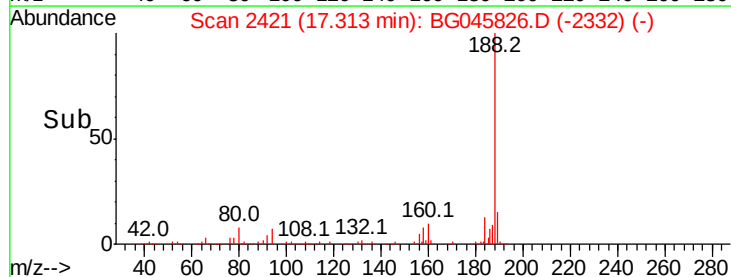
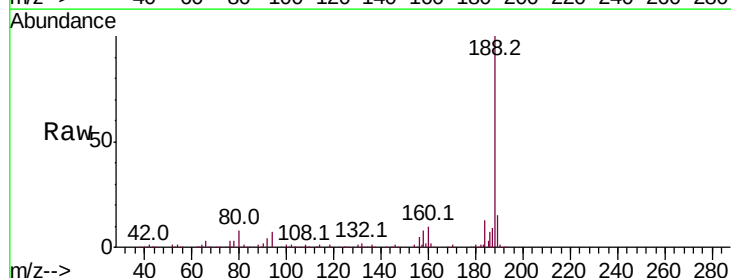
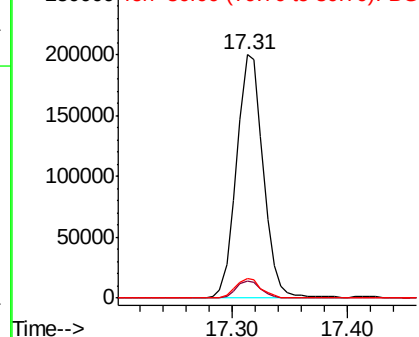
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	8.3	6.2	9.4

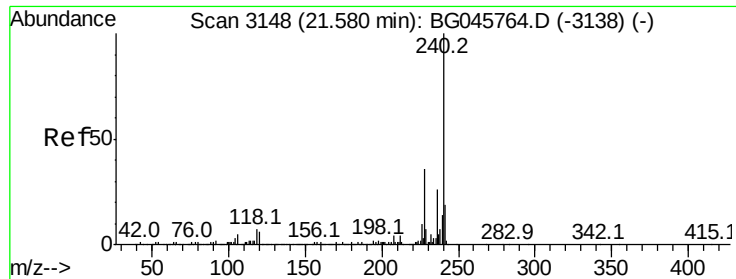
Abundance

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





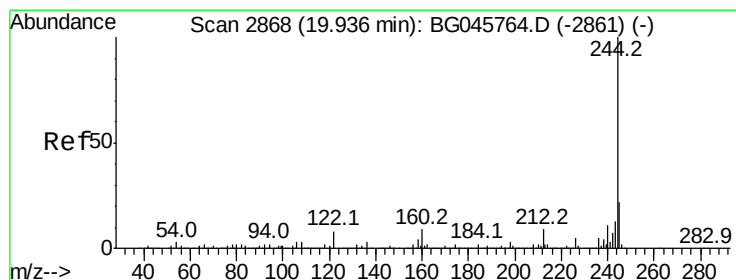
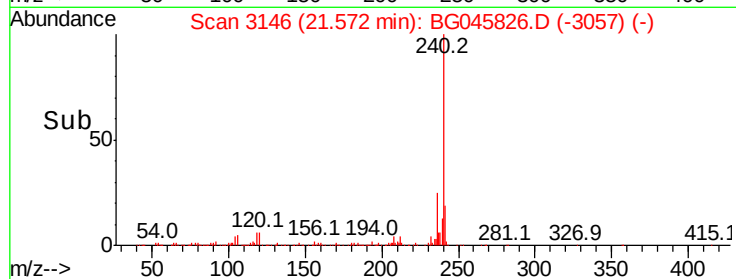
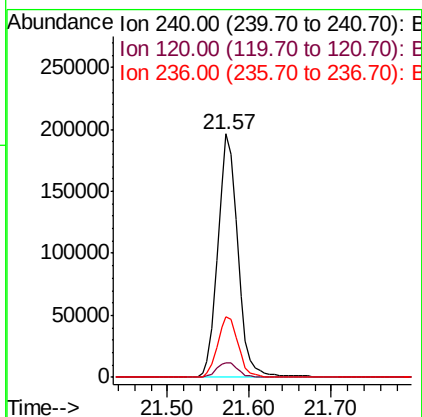
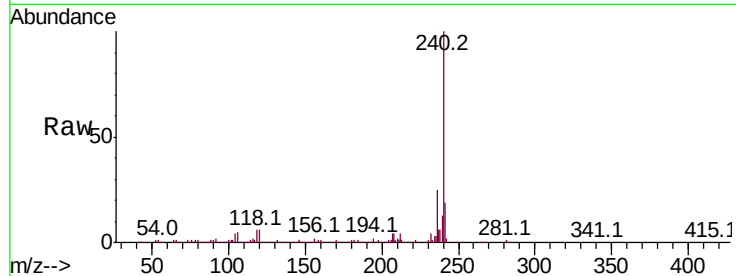
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.0	7.4
236	25.0	20.6	30.8

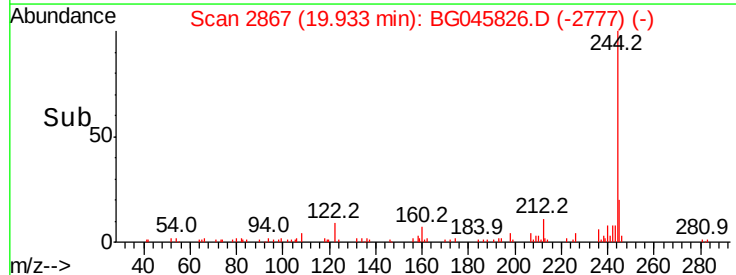
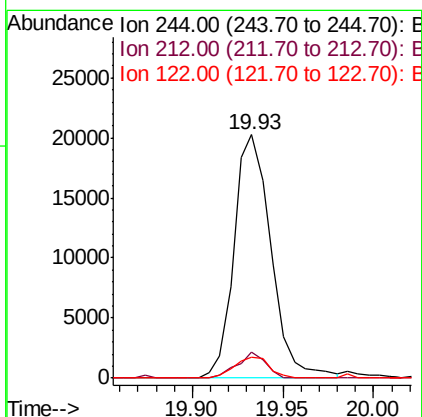
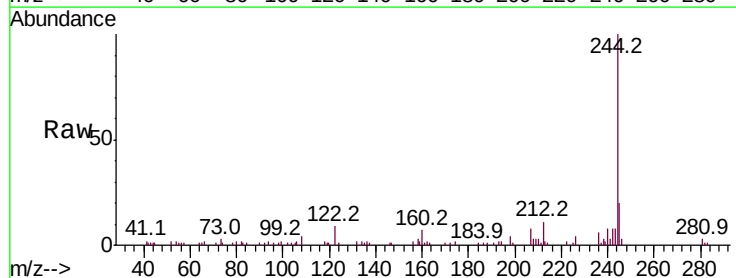
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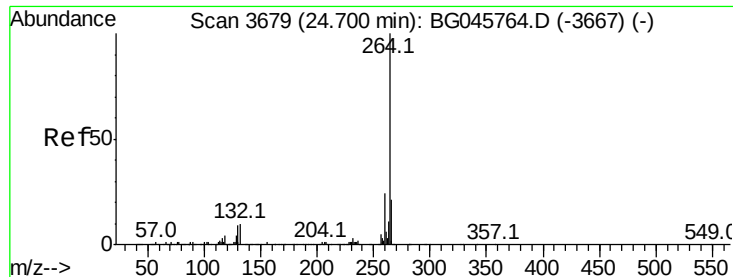
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#79
Terphenyl-d14
Concen: 1.728 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.2	10.8
122	8.8	6.4	9.6





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	20.7	17.4	26.0

Manual Integrations
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