

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062220\
 Data File : BG045824.D
 Acq On : 22 Jun 2020 12:37
 Operator : CG/JU
 Sample : L3033-10DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 22 13:24:31 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	7.92	152	50674	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	185876	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	135702	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	323536	20.00	ng	0.00
76) Chrysene-d12	21.57	240	339029	20.00	ng	0.00
86) Perylene-d12	24.70	264	354091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	13665	4.56	ng	-0.01
7) Phenol-d6	7.15	99	16377	3.59	ng	-0.01
23) Nitrobenzene-d5	9.08	82	30829	7.58	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	23422	11.43	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	74384	8.06	ng	0.00
79) Terphenyl-d14	19.93	244	148052	8.85	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	585296	426.000	ng	96
10) Phenol	7.17	94	73111	16.536	ng	94
11) bis(2-Chloroethyl)ether	7.33	93	110504	32.906	ng	95
13) 1,4-Dichlorobenzene	7.95	146	21862	5.720	ng	92
14) 1,2-Dichlorobenzene	8.27	146	105862	28.931	ng	99
17) 2-Methylphenol	8.40	107	107821	32.769	ng	97
20) 3+4-Methylphenols	8.74	107	701405	162.090	ng	# 73
27) 2,4-Dimethylphenol	9.97	122	288199m	104.441	ng	
31) Naphthalene	10.77	128	44663	4.395	ng	98

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

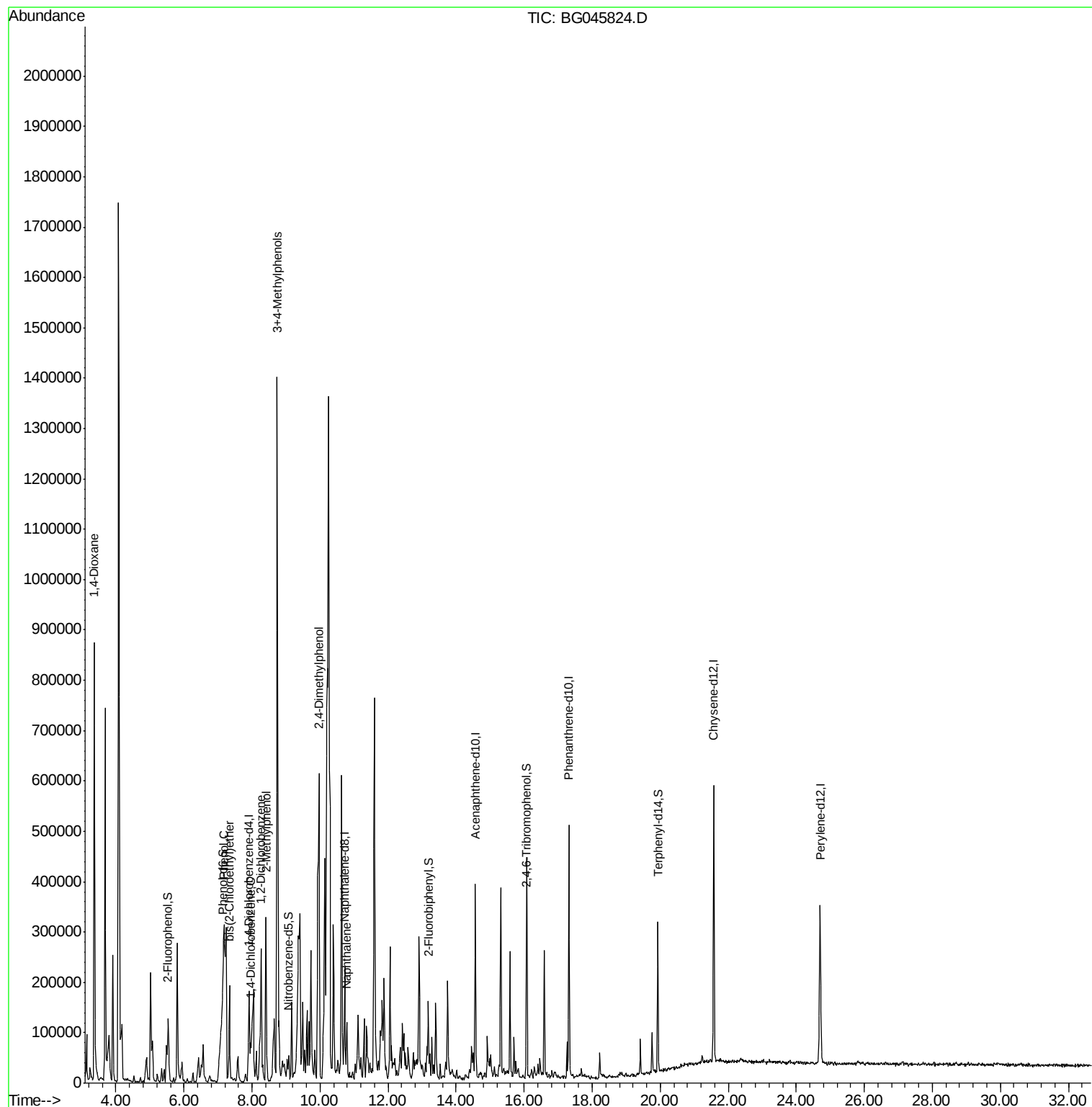
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062220\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

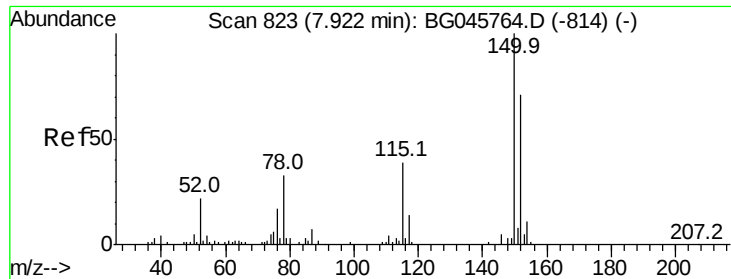
Instrument :
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ClientSampleId :
Z1-DUP-0572-200616DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

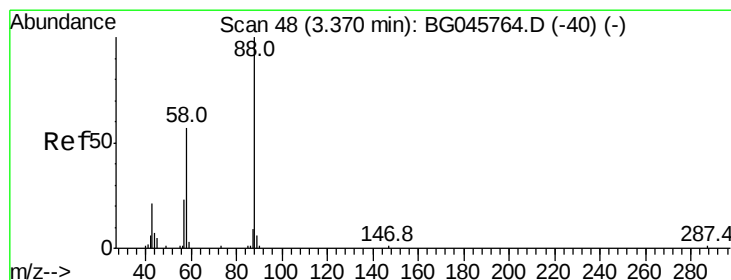
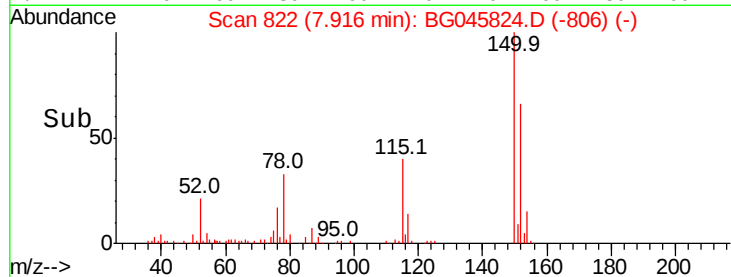
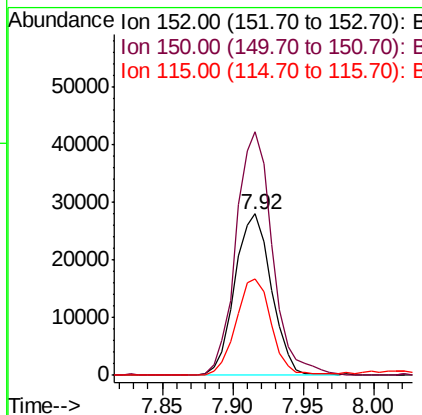
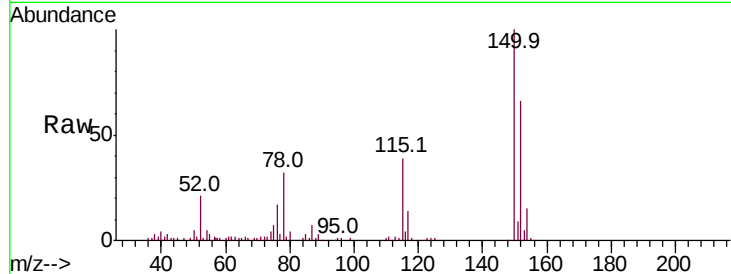
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	113.1	169.7
115	59.7	43.8	65.6

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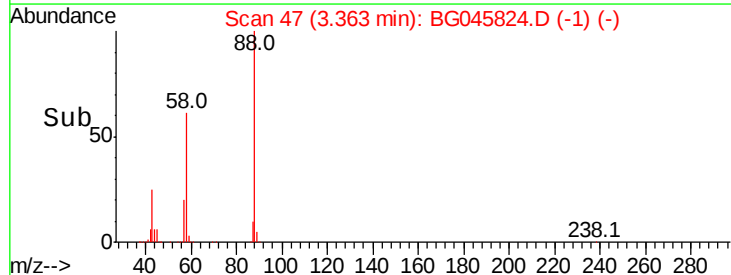
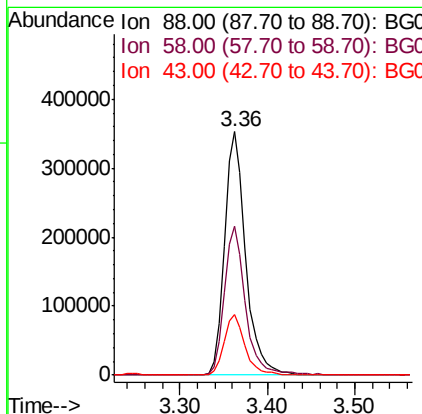
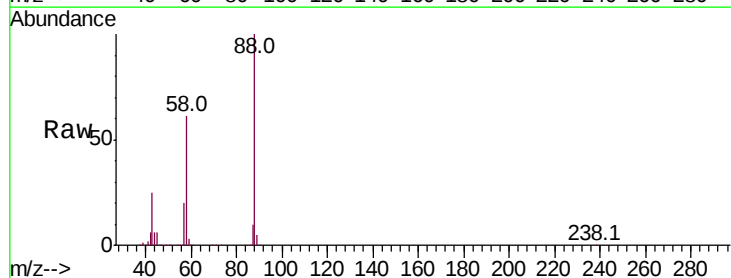
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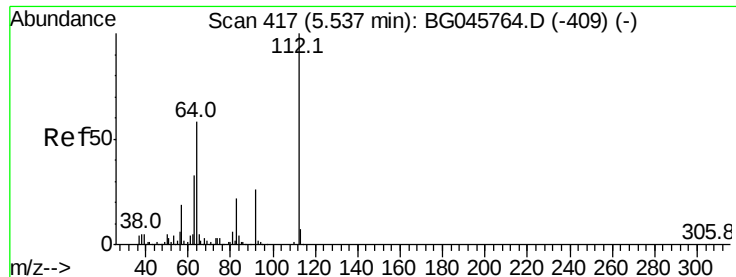


#2

1,4-Dioxane
Concen: 426.000 ng
RT: 3.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	46.1	69.1
43	24.8	19.2	28.8





#5

2-Fluorophenol

Concen: 4.555 ng

RT: 5.52 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045824.D

Acq: 22 Jun 2020 12:37

Instrument :

BNA_G

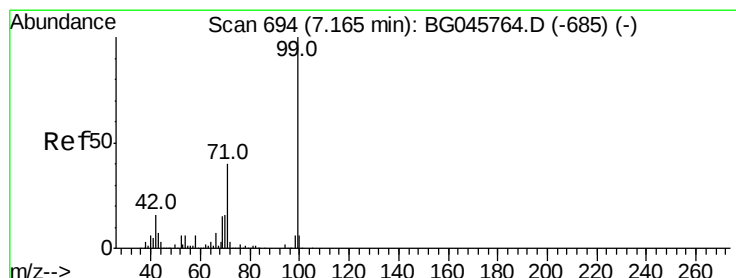
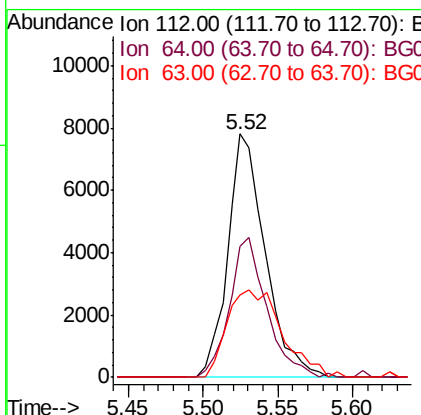
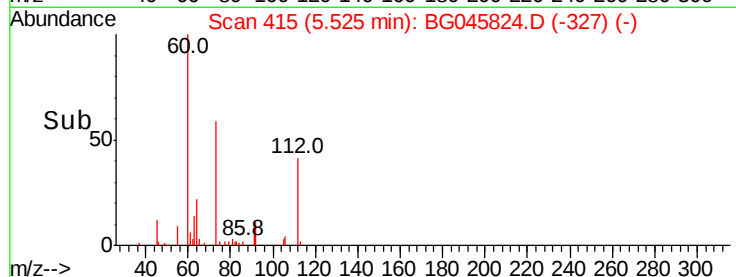
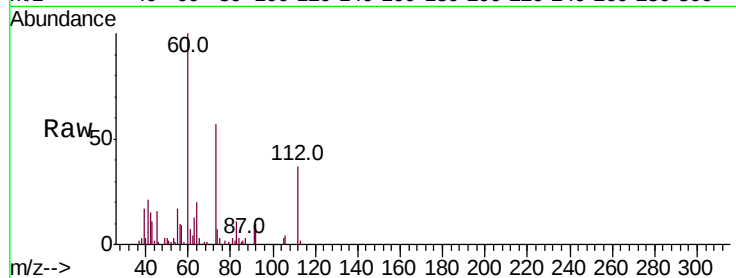
ClientSampleId :

Z1-DUP-0572-200616DL

Tot Ion:	112	Resp:	13665
Ion Ratio	Lower	Upper	
112	100		
64	53.9	46.6	69.8
63	33.9	26.3	39.5

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#7

Phenol-d6

Concen: 3.589 ng

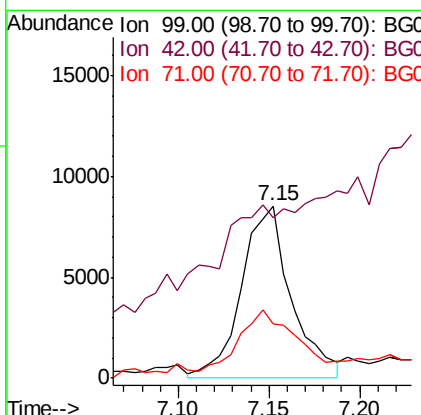
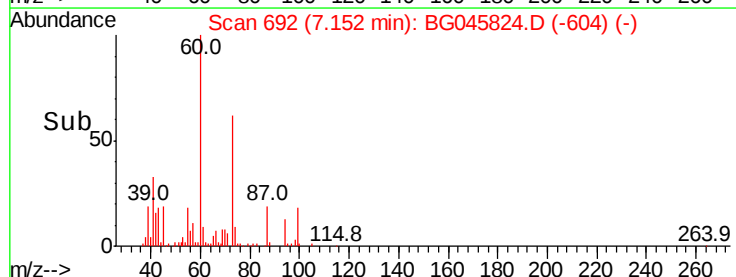
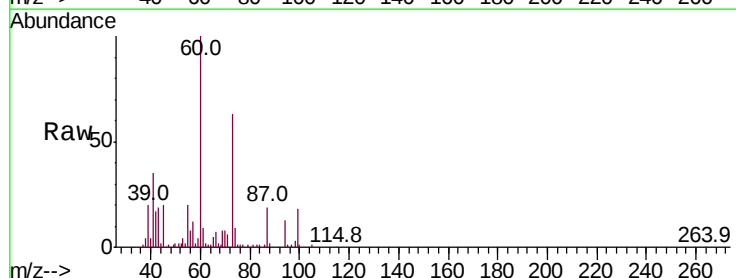
RT: 7.15 min Scan# 692

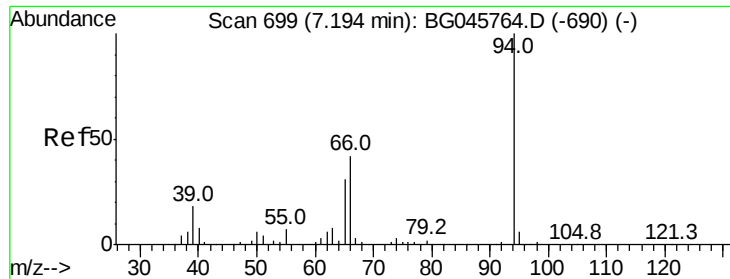
Delta R.T. -0.01 min

Lab File: BG045824.D

Acq: 22 Jun 2020 12:37

Tgt Ion:	99	Resp:	16377
Ion Ratio	Lower	Upper	
99	100		
42	93.4	12.4	18.6#
71	31.2	32.1	48.1#





#10

Phenol

Concen: 16.536 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG045824.D

Acq: 22 Jun 2020 12:37

Instrument :

BNA_G

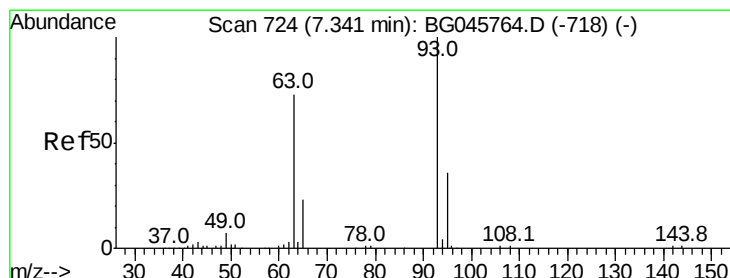
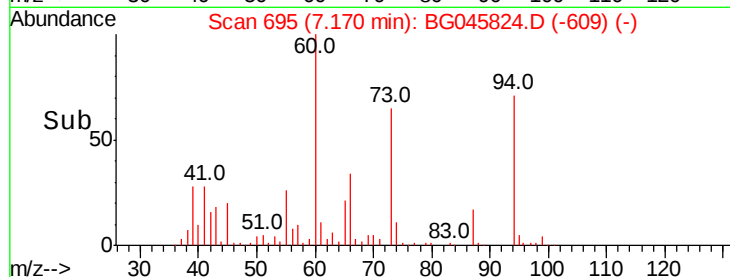
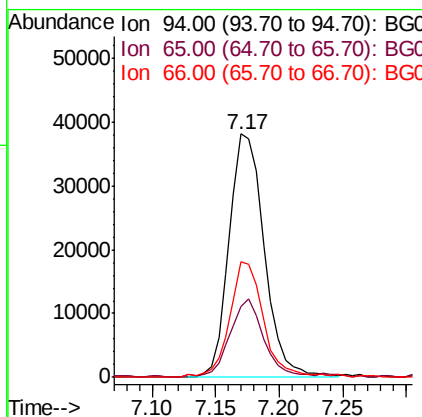
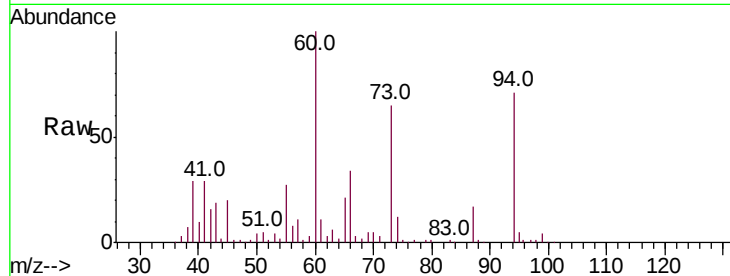
ClientSampleId :

Z1-DUP-0572-200616DL

Tot Ion:	94	Resp:	73111
Ion Ratio	Lower	Upper	
94	100		
65	28.9	10.7	50.7
66	47.7	22.5	62.5

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#11

bis(2-Chloroethyl)ether

Concen: 32.906 ng

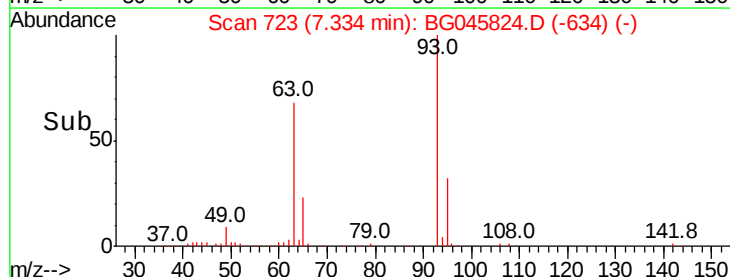
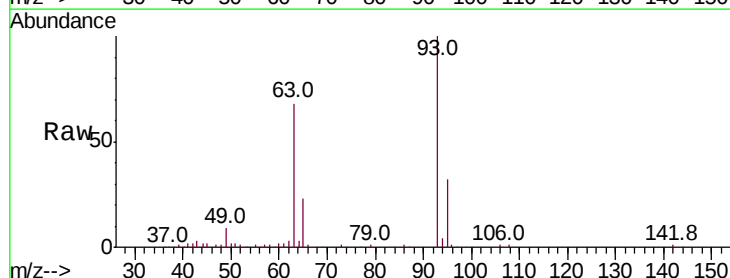
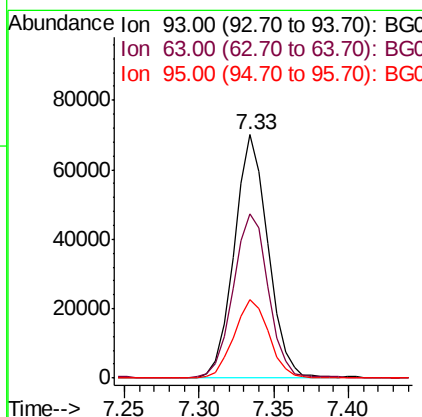
RT: 7.33 min Scan# 723

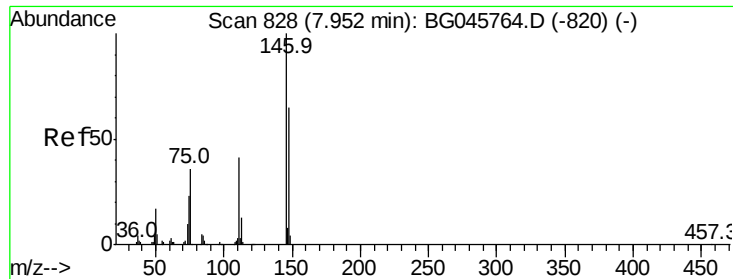
Delta R.T. -0.01 min

Lab File: BG045824.D

Acq: 22 Jun 2020 12:37

Tgt Ion:	93	Resp:	110504
Ion Ratio	Lower	Upper	
93	100		
63	67.7	52.0	92.0
95	32.1	15.6	55.6





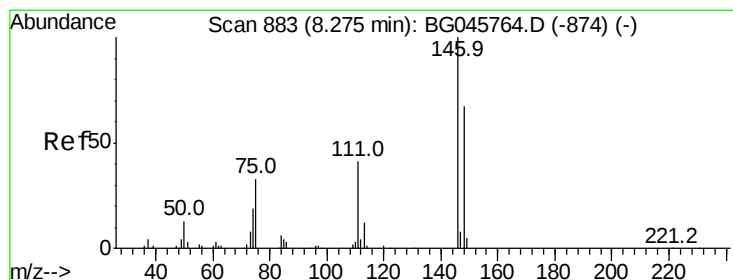
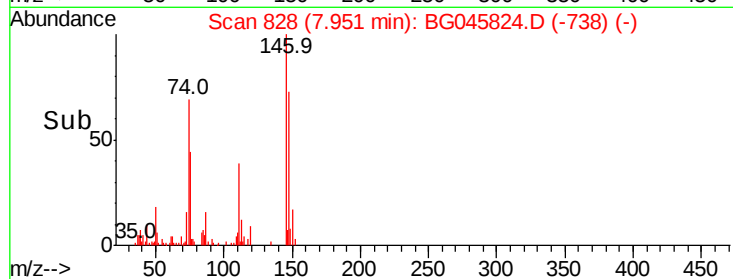
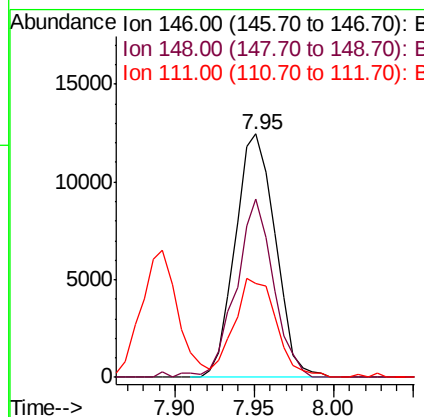
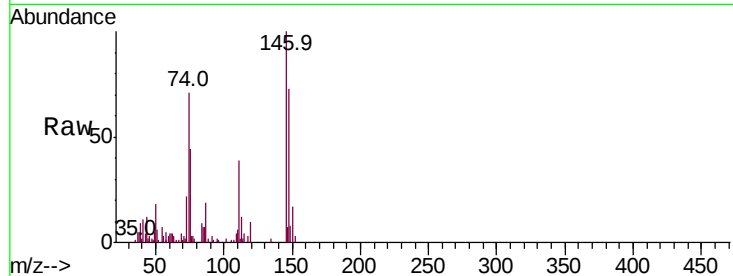
#13
 1,4-Dichlorobenzene
 Concen: 5.720 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG045824.D
 Acq: 22 Jun 2020 12:37

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	73.0	51.8	77.6
111	38.7	32.8	49.2

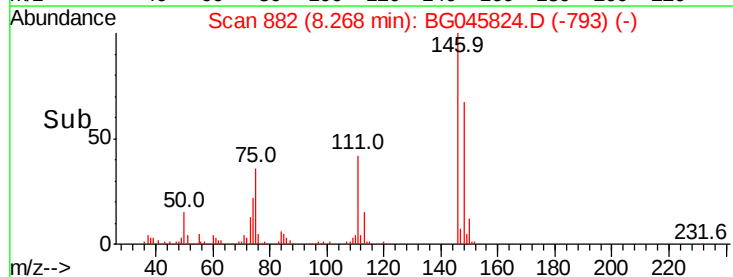
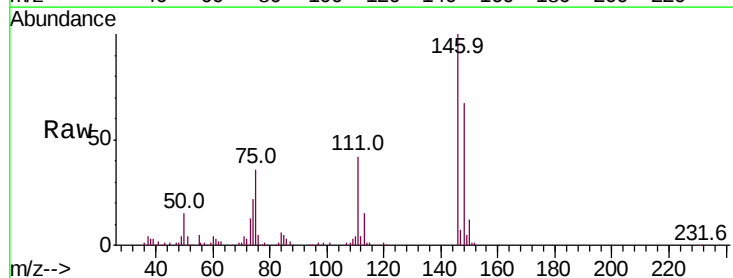
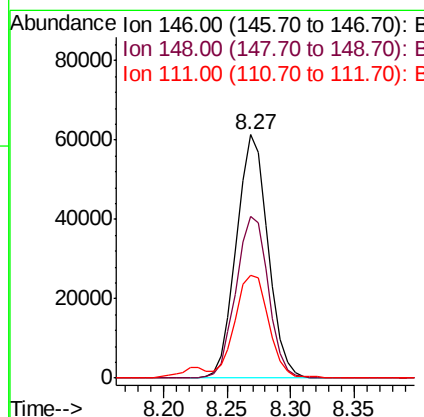
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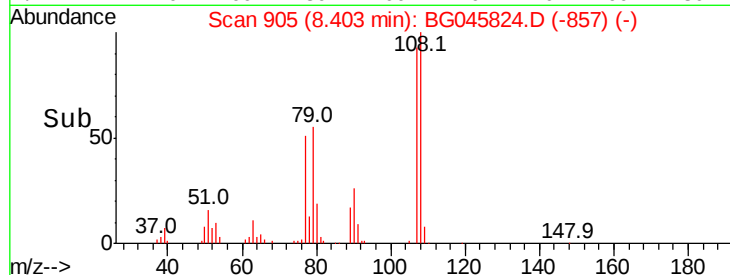
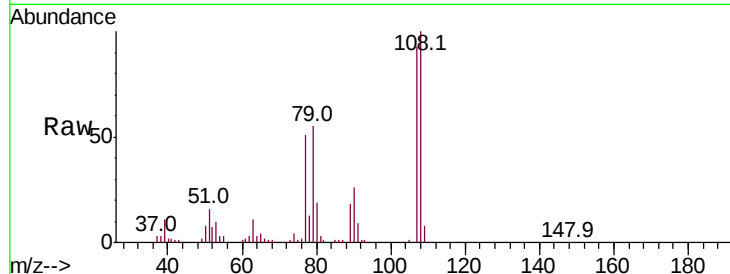
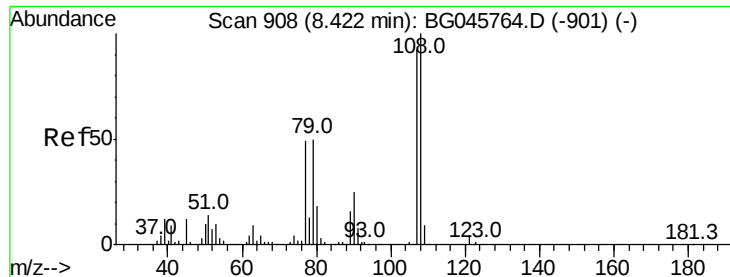
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#14
 1,2-Dichlorobenzene
 Concen: 28.931 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG045824.D
 Acq: 22 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	54.1	81.1
111	42.0	32.9	49.3





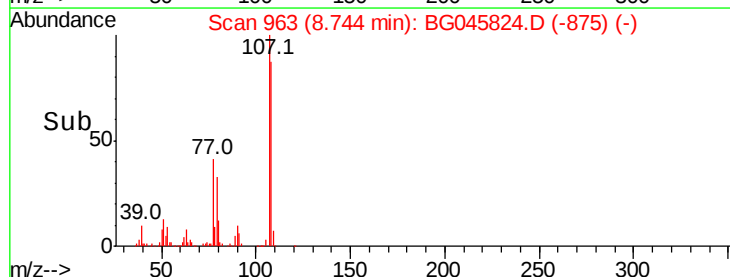
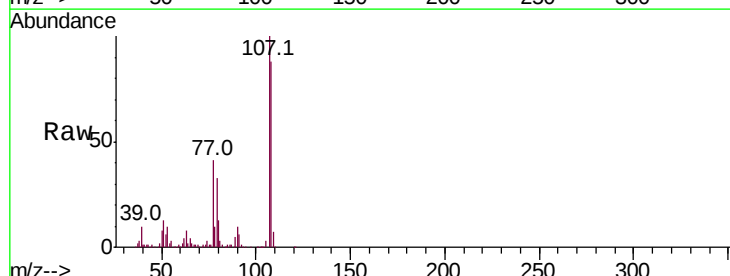
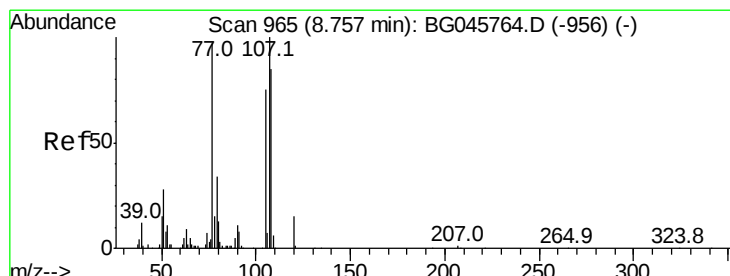
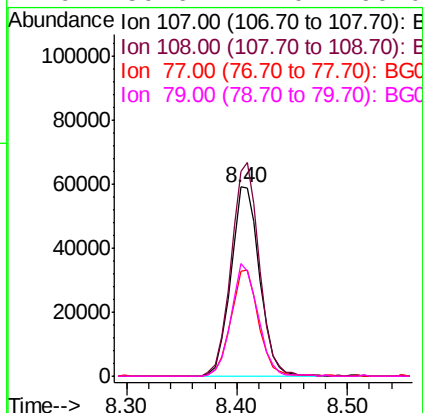
#17
2-Methylphenol
Concen: 32.769 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.9	87.4	131.0	
77	55.5	42.5	63.7	
79	59.6	44.0	66.0	

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

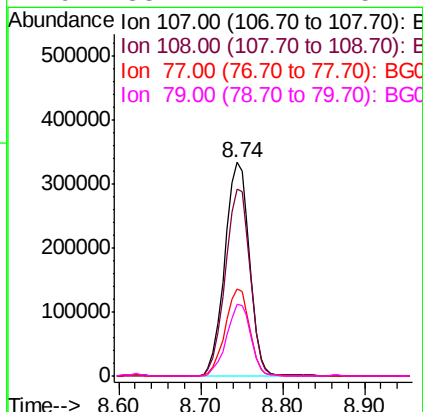
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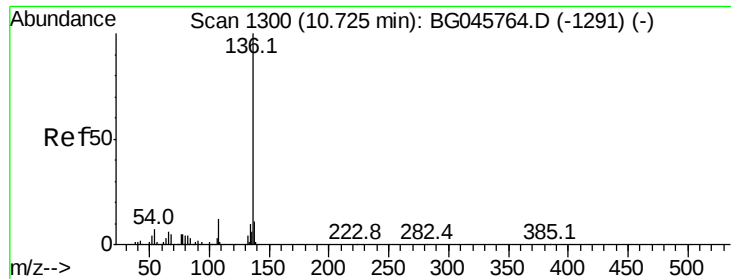
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#20
3+4-Methylphenols
Concen: 162.090 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.7	65.4	105.4	
77	40.7	77.2	117.2#	
79	33.4	14.2	54.2	





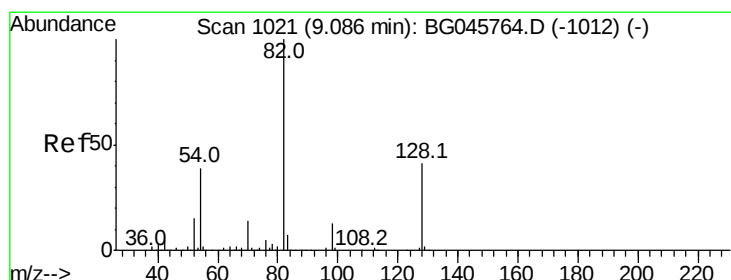
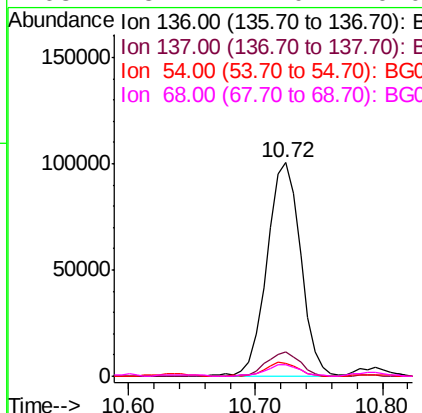
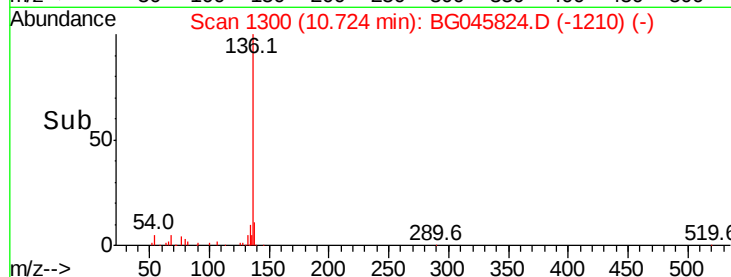
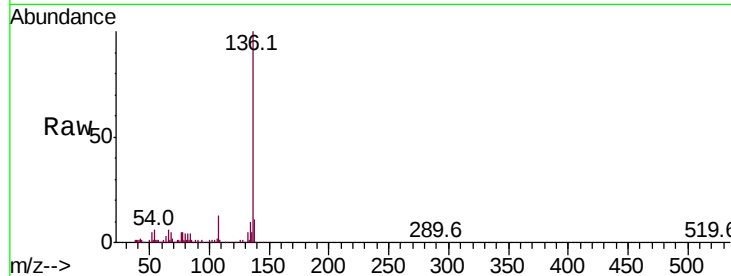
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Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	6.3	5.8	8.6	
68	5.4	4.0	6.0	

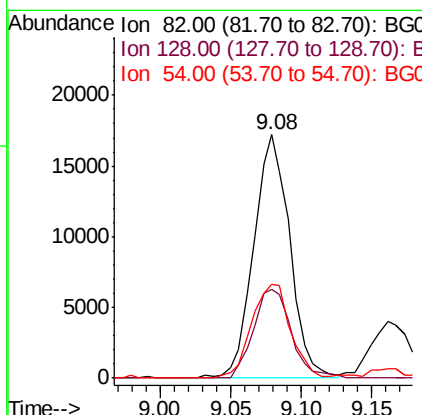
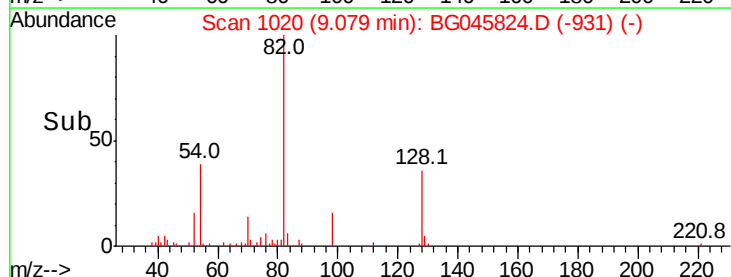
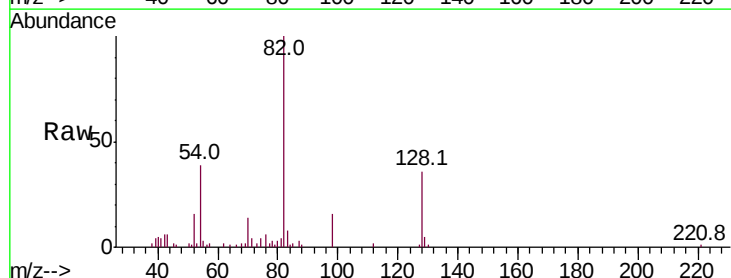
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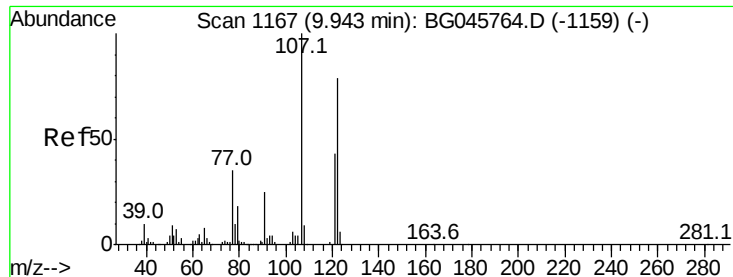
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#23
Nitrobenzene-d5
Concen: 7.577 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.2	32.5	48.7	
54	38.5	31.2	46.8	





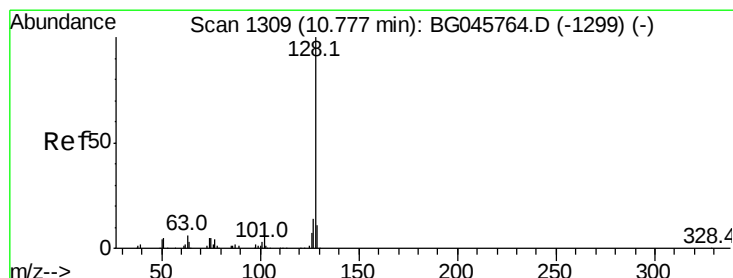
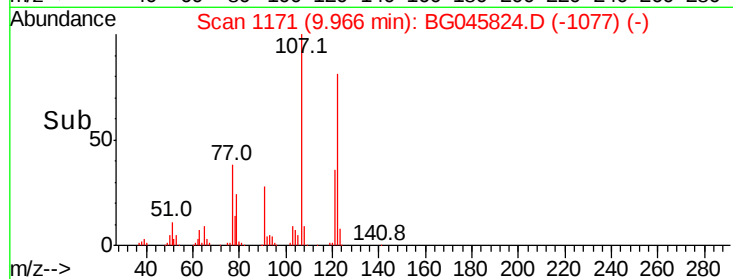
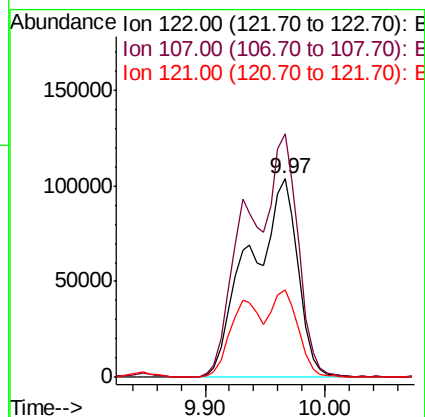
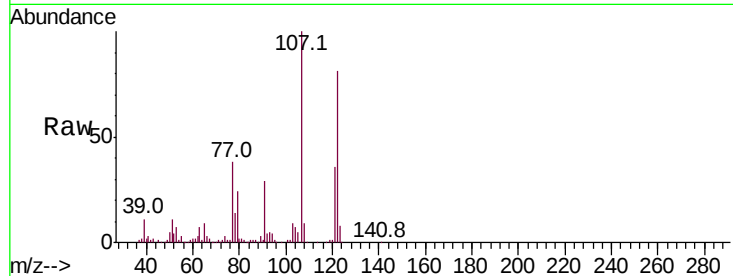
#27
2,4-Dimethylphenol
Concen: 104.441 ng/mL
RT: 9.97 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.8	101.3	151.9
121	44.1	43.9	65.9

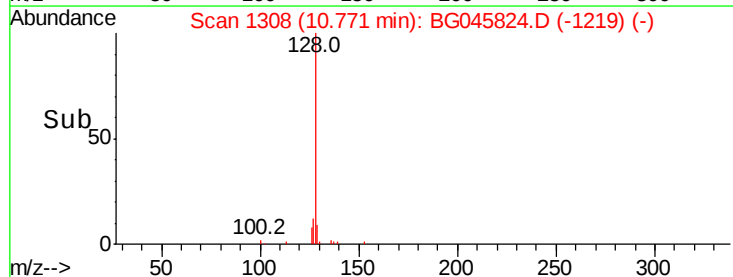
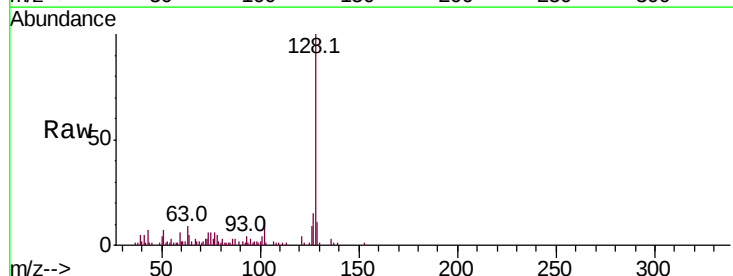
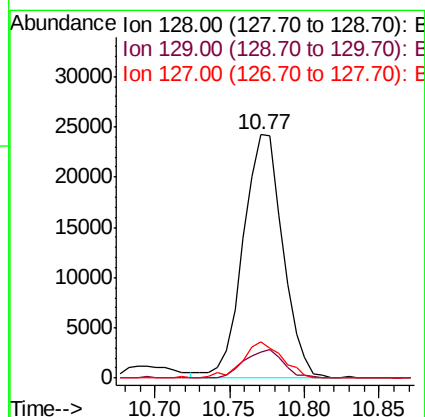
Manual Integrations
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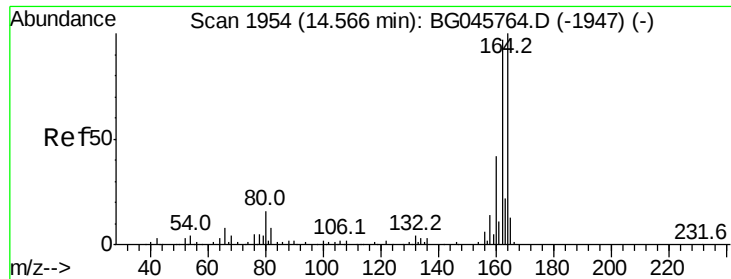
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#31
Naphthalene
Concen: 4.395 ng/mL
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	14.9	10.9	16.3





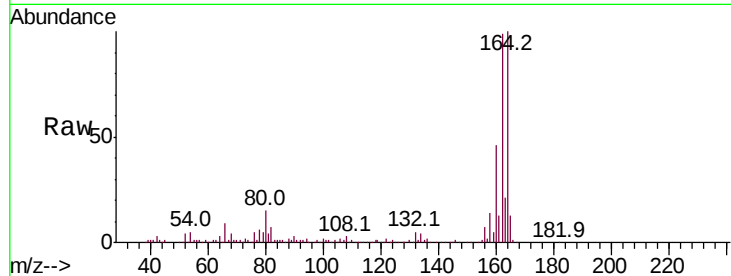
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.4	116.0
160	45.7	33.3	49.9

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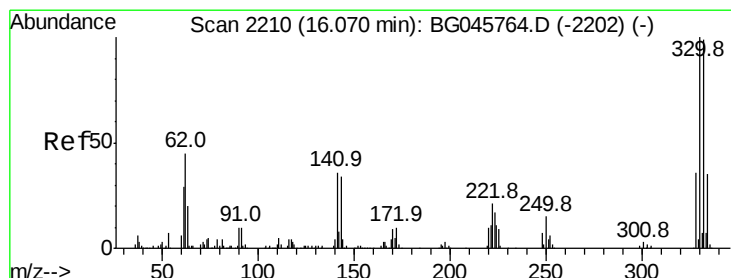
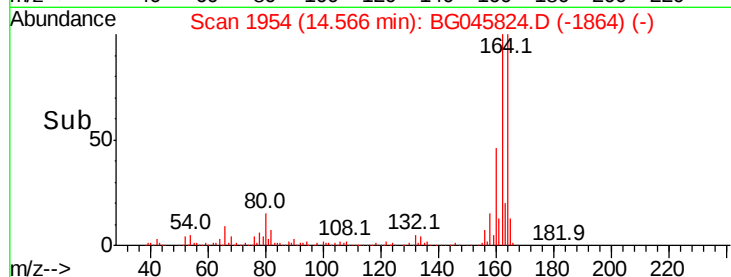
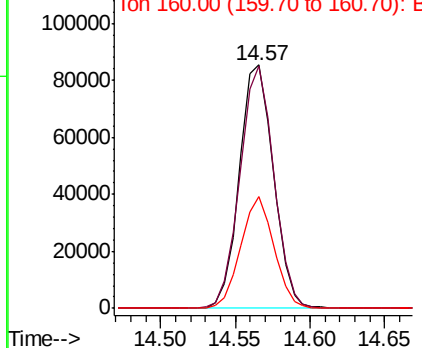


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 11.432 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

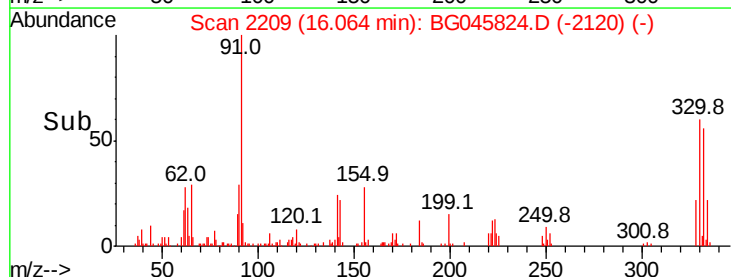
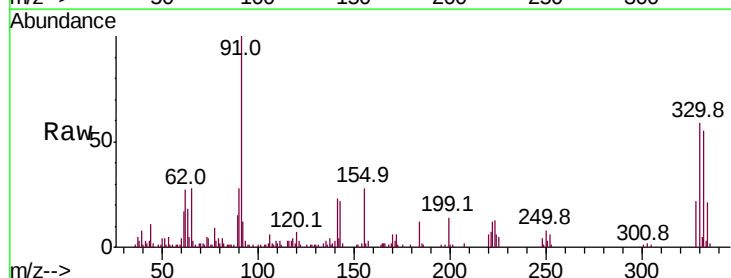
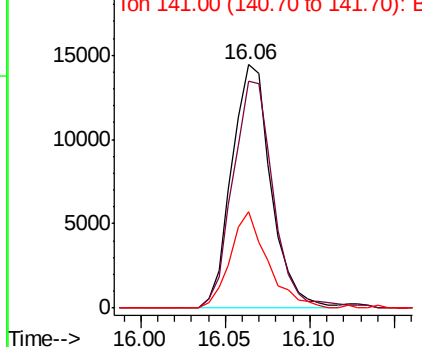
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.6	117.8
141	37.2	28.2	42.4

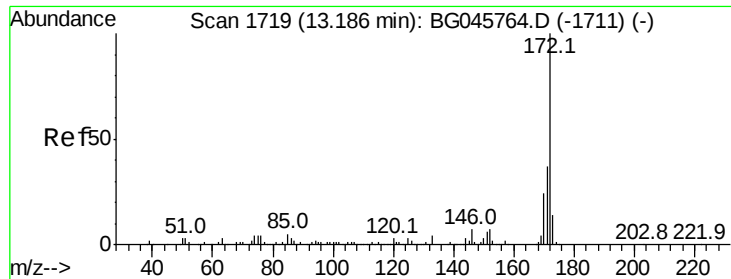
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





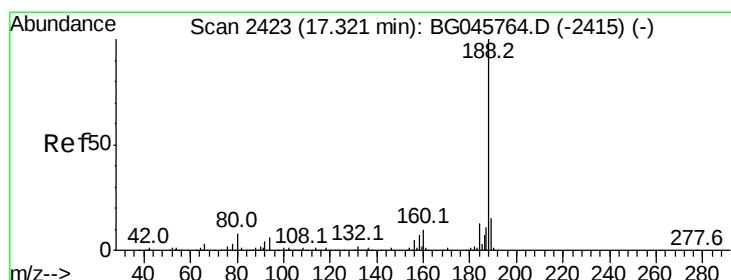
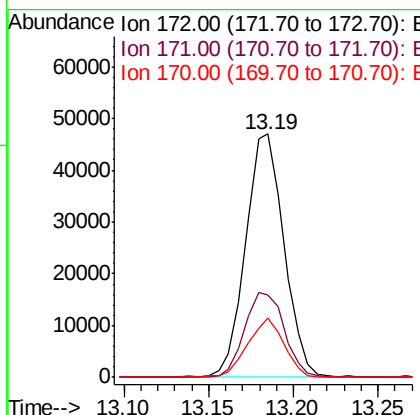
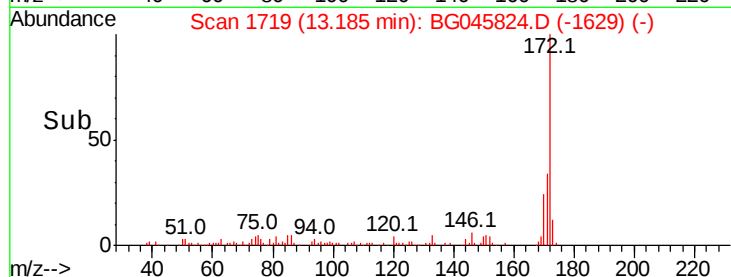
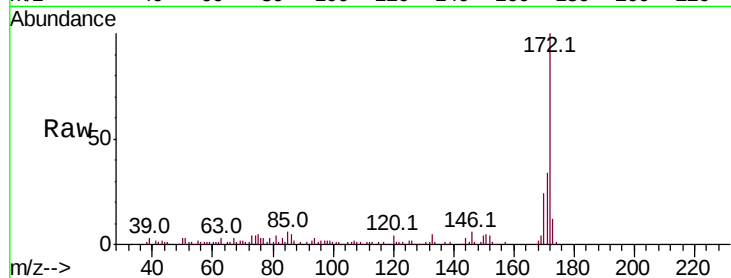
#45
2-Fluorobiphenyl
Concen: 8.055 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.9	44.9
170	24.4	19.3	28.9

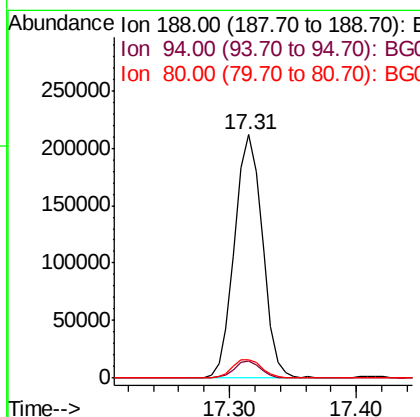
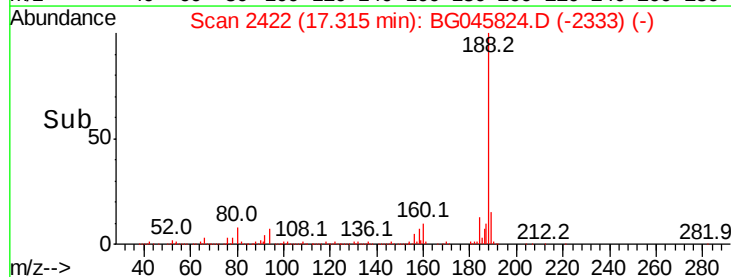
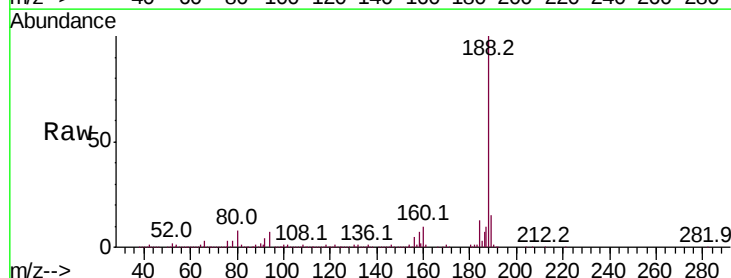
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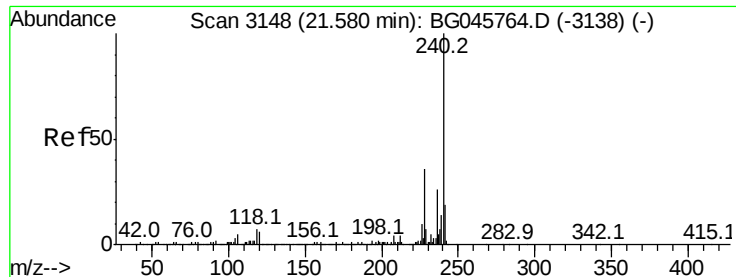
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045824.D
Acq: 22 Jun 2020 12:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.1	7.7
80	7.5	6.2	9.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045824.D

Acq: 22 Jun 2020 12:37

Instrument :

BNA_G

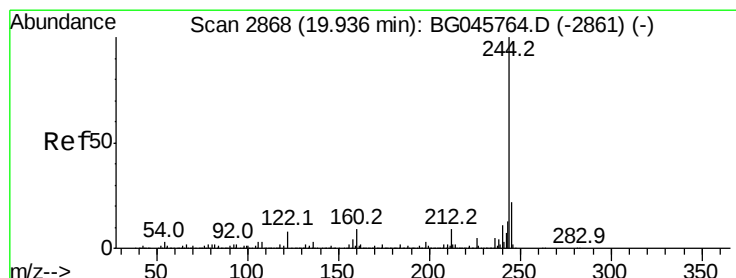
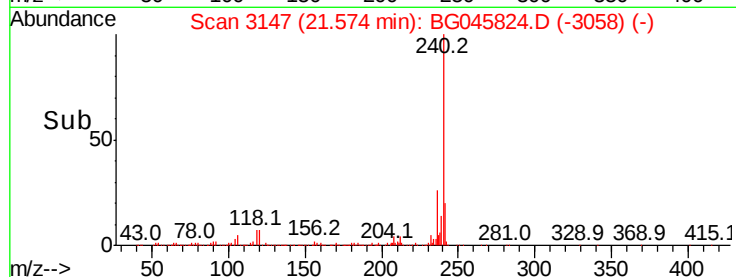
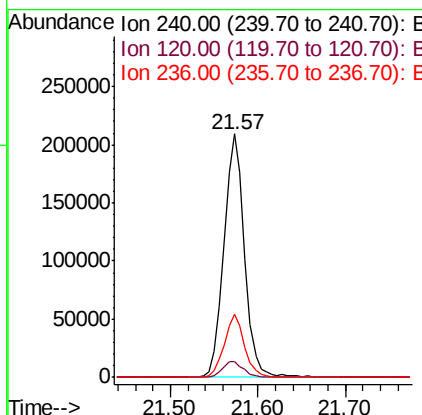
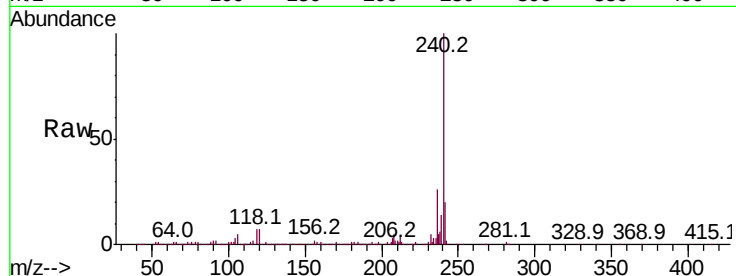
ClientSampleId :

Z1-DUP-0572-200616DL

Tot Ion:	240	Resp:	339029
Ion Ratio	Lower	Upper	
240	100		
120	6.7	5.0	7.4
236	25.8	20.6	30.8

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#79

Terphenyl-d14

Concen: 8.850 ng

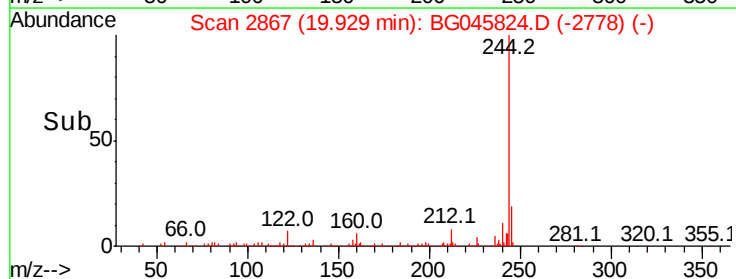
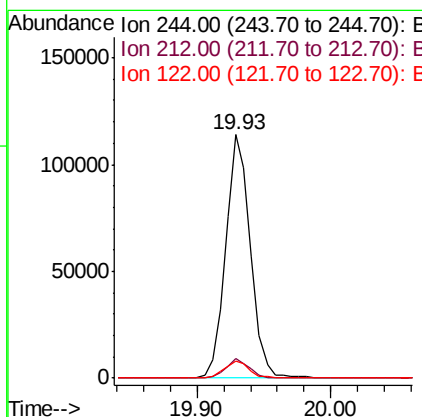
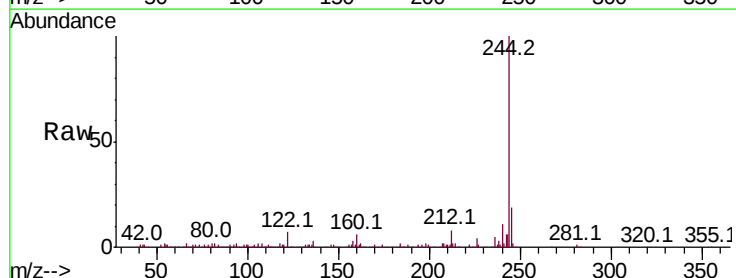
RT: 19.93 min Scan# 2867

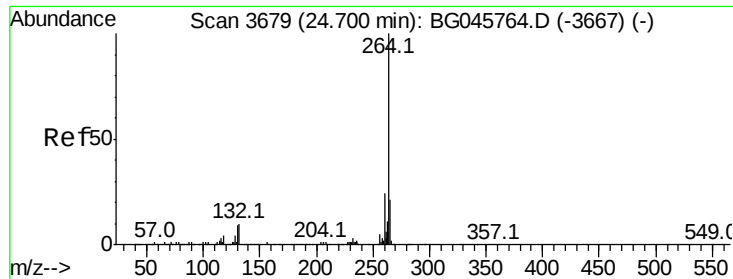
Delta R.T. -0.01 min

Lab File: BG045824.D

Acq: 22 Jun 2020 12:37

Tgt Ion:	244	Resp:	148052
Ion Ratio	Lower	Upper	
244	100		
212	7.9	7.2	10.8
122	6.8	6.4	9.6





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.70 min Scan# 3680
 Delta R.T. 0.01 min
 Lab File: BG045824.D
 Acq: 22 Jun 2020 12:37

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.6	17.4	26.0

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