

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062220\
 Data File : BG045827.D
 Acq On : 22 Jun 2020 14:36
 Operator : CG/JU
 Sample : L3033-06DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KY032MW006-200616DL

Manual Integrations
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Quant Time: Jun 22 15:25:26 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	52222	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	193537	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	142931	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	326528	20.00	ng	0.00
76) Chrysene-d12	21.57	240	357760	20.00	ng	0.00
86) Perylene-d12	24.70	264	375958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	17109	5.53	ng	-0.01
7) Phenol-d6	7.15	99	19926	4.24	ng	-0.02
23) Nitrobenzene-d5	9.08	82	36797	8.69	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	27358	12.68	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	89660	9.22	ng	0.00
79) Terphenyl-d14	19.93	244	165814	9.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	709633	501.186	ng	96
10) Phenol	7.17	94	82400	18.085	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	134545	38.877	ng	96
13) 1,4-Dichlorobenzene	7.95	146	26965	6.846	ng	93
14) 1,2-Dichlorobenzene	8.27	146	127537	33.822	ng	98
17) 2-Methylphenol	8.40	107	116336	34.309	ng	97
20) 3+4-Methylphenols	8.74	107	764578	171.451	ng	# 73
27) 2,4-Dimethylphenol	9.97	122	313064m	108.961	ng	
31) Naphthalene	10.77	128	50821	4.803	ng	98

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

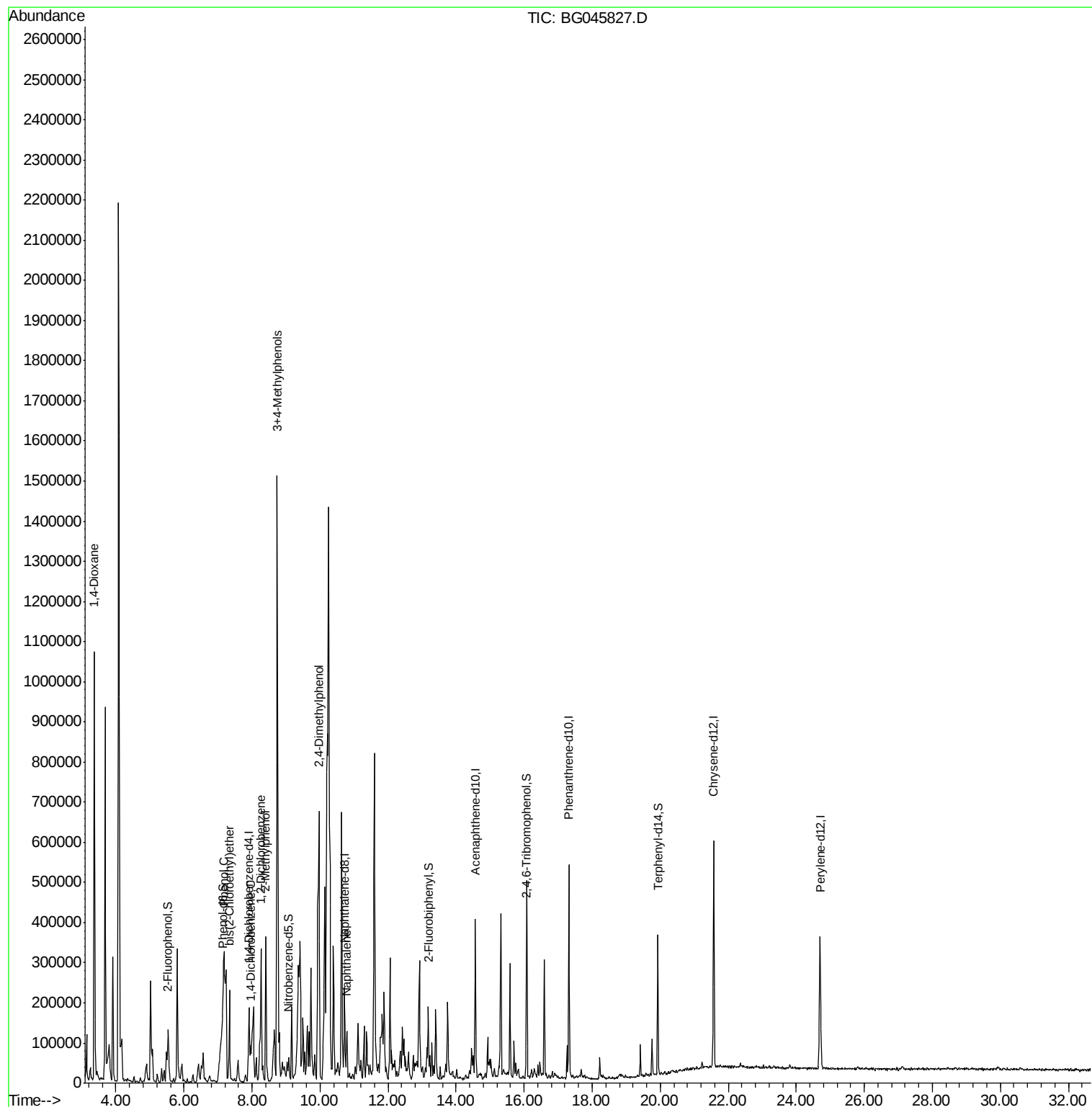
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062220\
Data File : BG045827.D
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Sample : L3033-06DL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

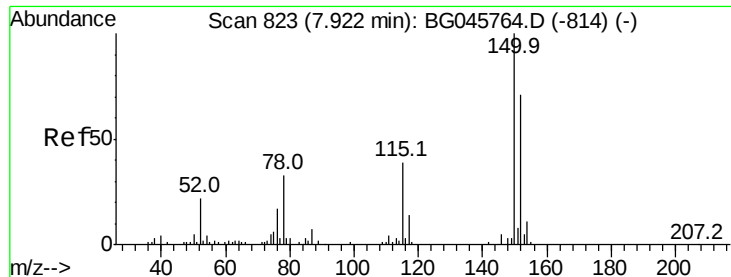
Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616DL

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#1

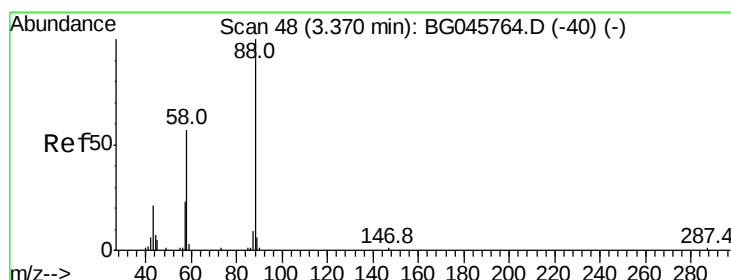
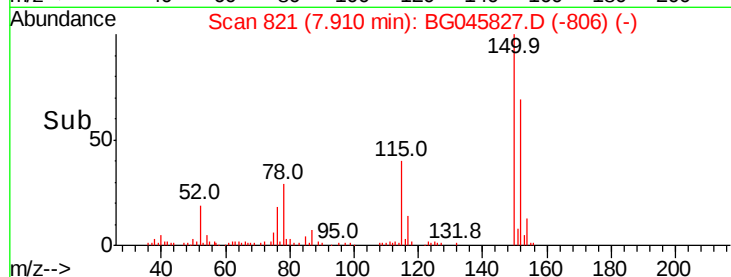
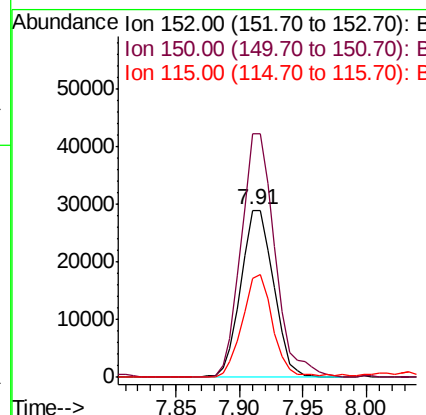
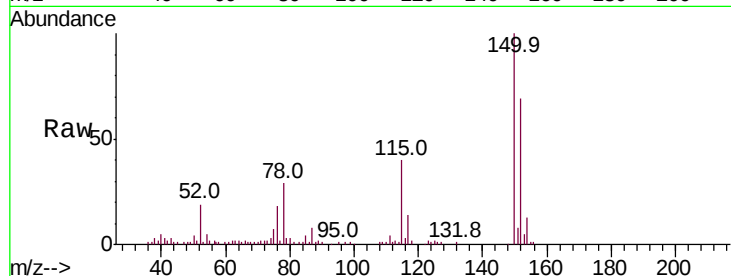
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.5	113.1	169.7
115	58.8	43.8	65.6

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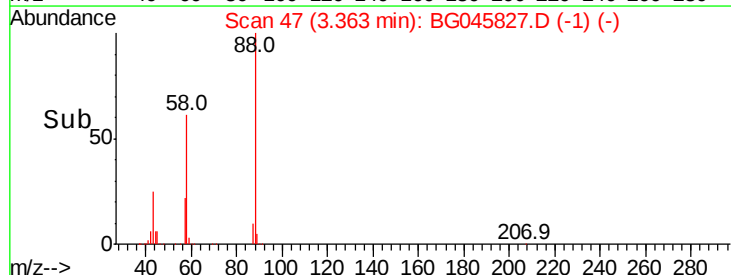
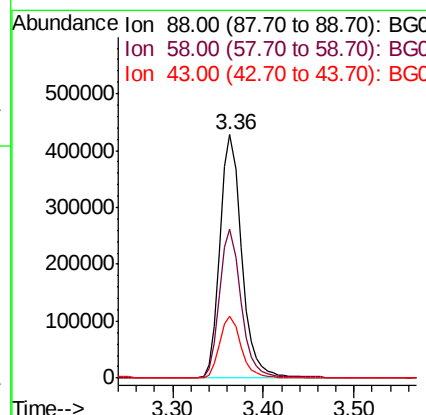
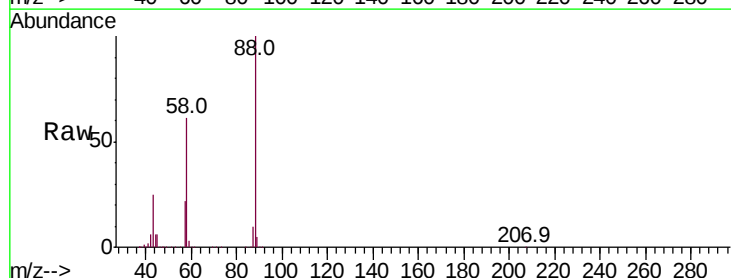
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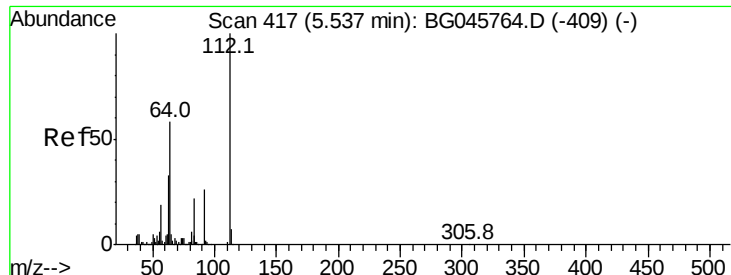


#2

1,4-Dioxane
Concen: 501.186 ng
RT: 3.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.8	46.1	69.1
43	25.2	19.2	28.8





#5

2-Fluorophenol

Concen: 5.534 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG045827.D

Acq: 22 Jun 2020 14:36

Instrument :

BNA_G

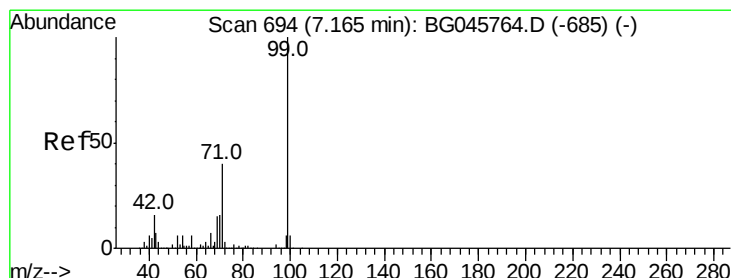
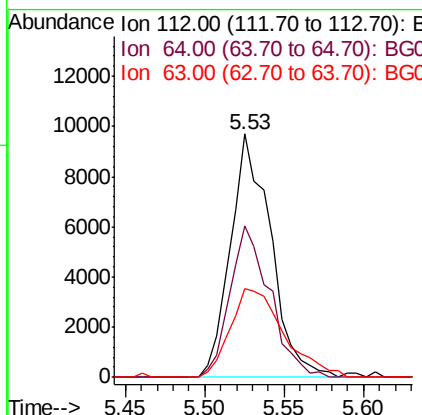
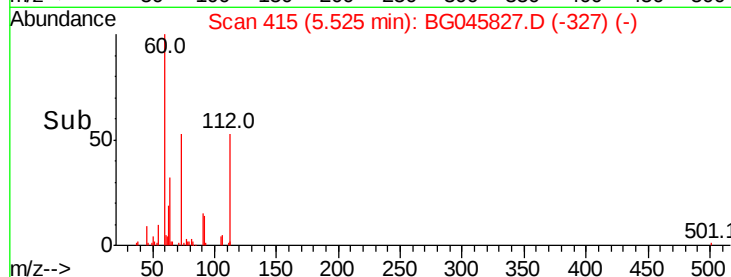
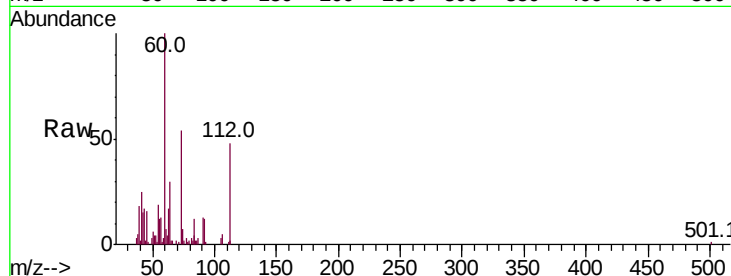
ClientSampleId :

KY032MW006-200616DL

Tot Ion:	112	Resp:	17109
Ion Ratio	Lower	Upper	
112	100		
64	62.3	46.6	69.8
63	36.2	26.3	39.5

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#7

Phenol-d6

Concen: 4.237 ng

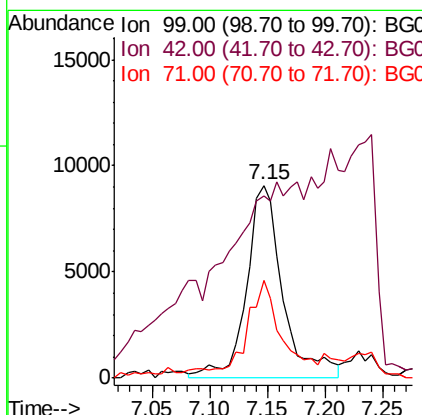
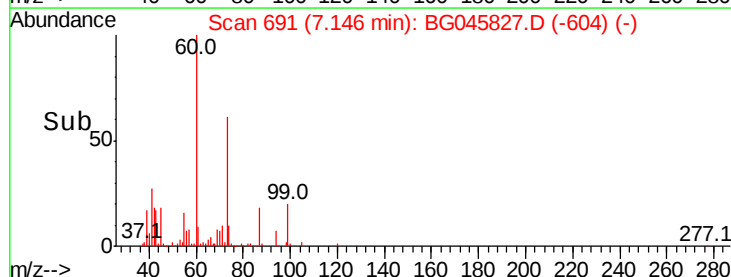
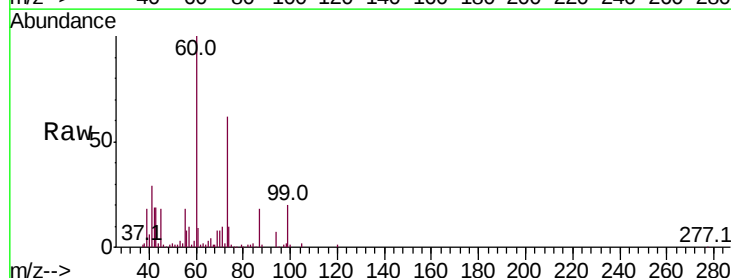
RT: 7.15 min Scan# 691

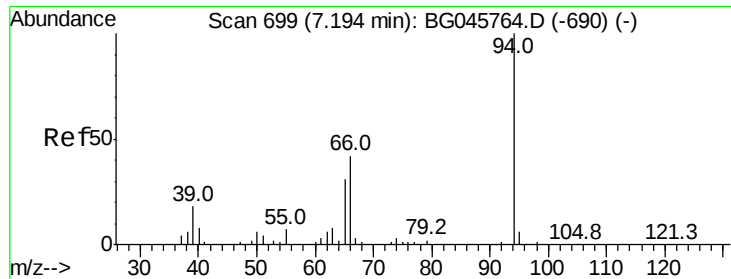
Delta R.T. -0.02 min

Lab File: BG045827.D

Acq: 22 Jun 2020 14:36

Tgt Ion:	99	Resp:	19926
Ion Ratio	Lower	Upper	
99	100		
42	94.5	12.4	18.6#
71	50.9	32.1	48.1#





#10

Phenol

Concen: 18.085 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG045827.D

Acq: 22 Jun 2020 14:36

Instrument :

BNA_G

ClientSampleId :

KY032MW006-200616DL

Tot Ion: 94 Resp: 82400

Ion Ratio Lower Upper

94 100

65 31.3 10.7 50.7

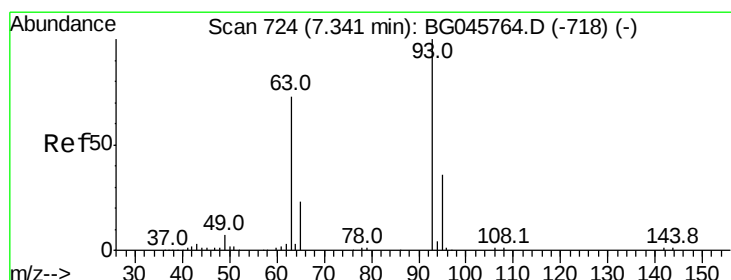
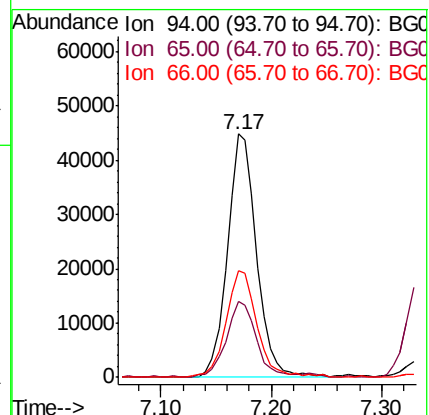
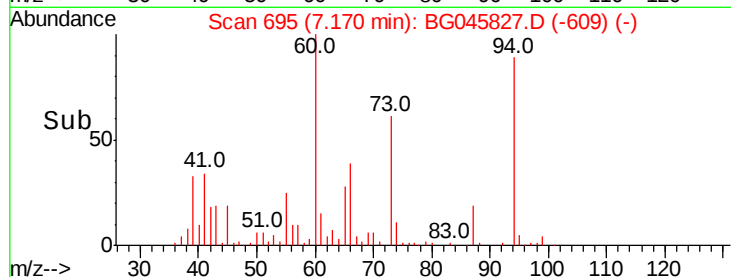
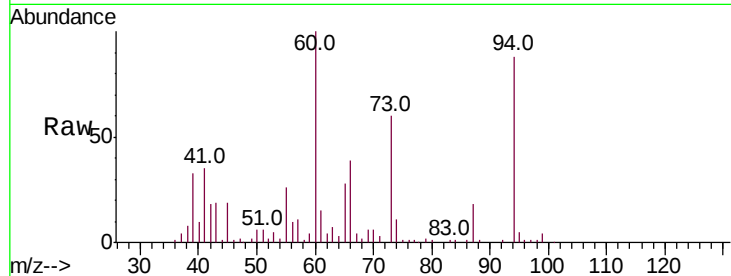
66 43.6 22.5 62.5

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#11

bis(2-Chloroethyl)ether

Concen: 38.877 ng

RT: 7.33 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG045827.D

Acq: 22 Jun 2020 14:36

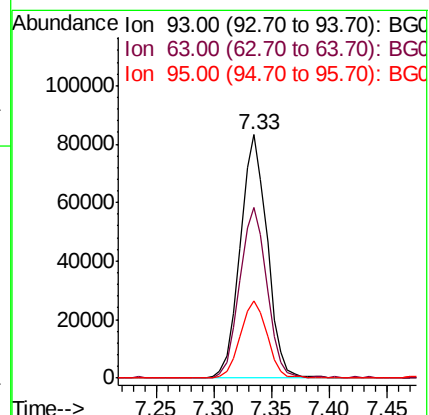
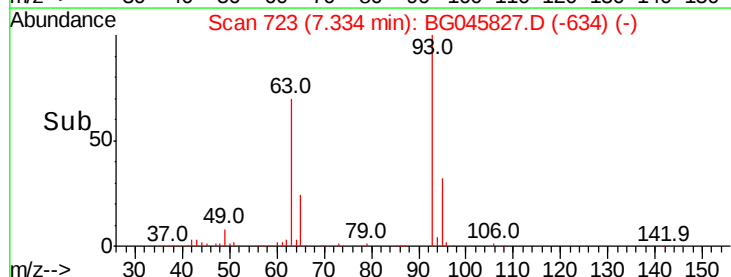
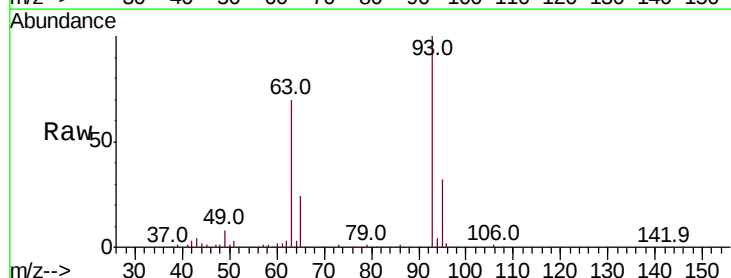
Tgt Ion: 93 Resp: 134545

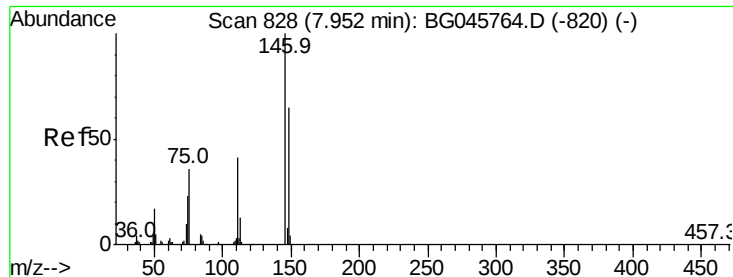
Ion Ratio Lower Upper

93 100

63 70.2 52.0 92.0

95 31.5 15.6 55.6





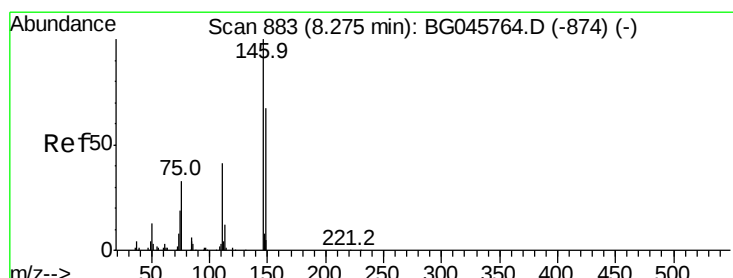
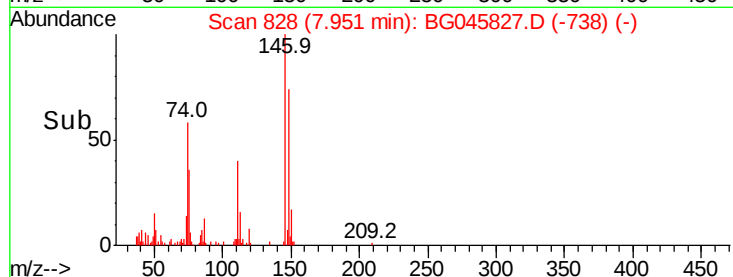
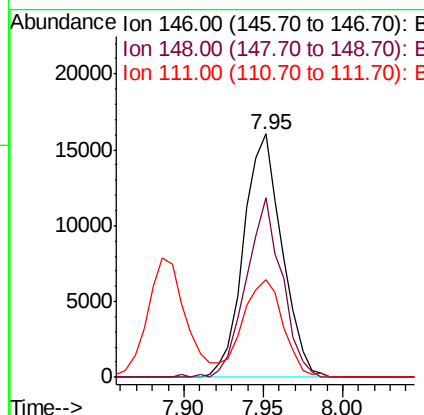
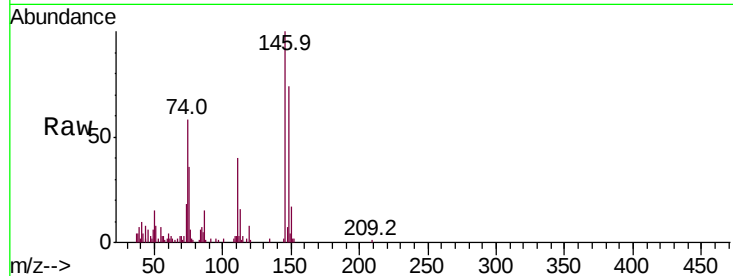
#13
 1,4-Dichlorobenzene
 Concen: 6.846 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG045827.D
 Acq: 22 Jun 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 KY032MW006-200616DL

Tot Ion	Ratio	Lower	Upper
146	100		
148	73.8	51.8	77.6
111	40.4	32.8	49.2

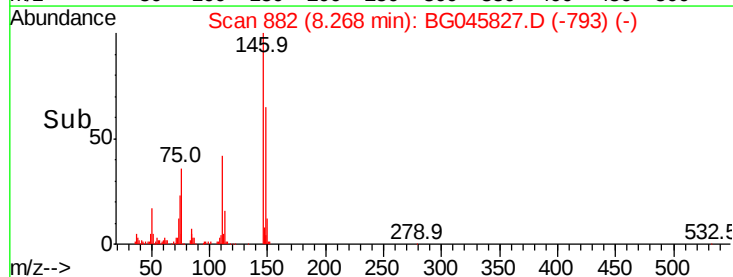
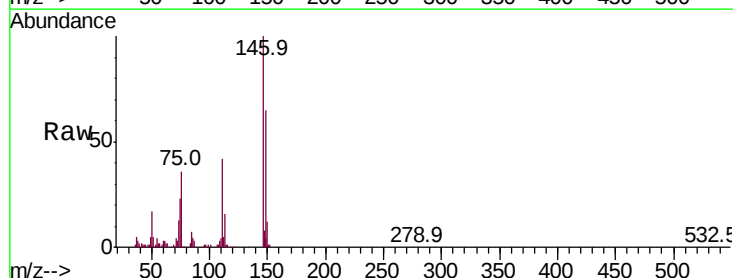
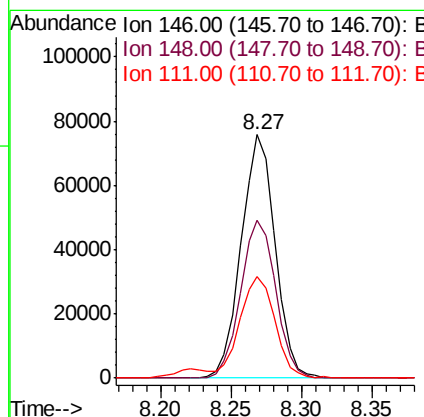
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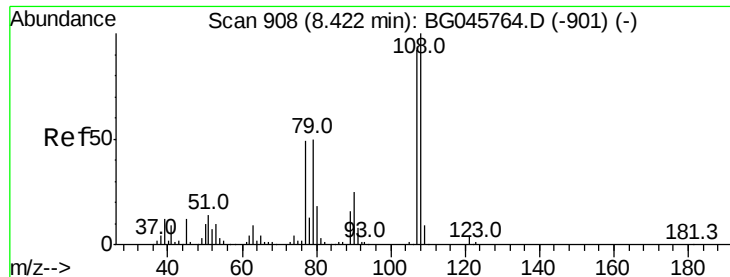
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#14
 1,2-Dichlorobenzene
 Concen: 33.822 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG045827.D
 Acq: 22 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	54.1	81.1
111	41.7	32.9	49.3





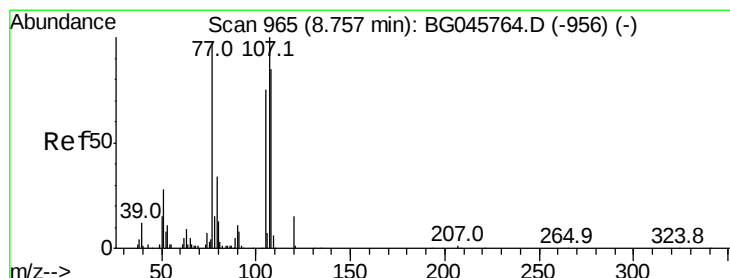
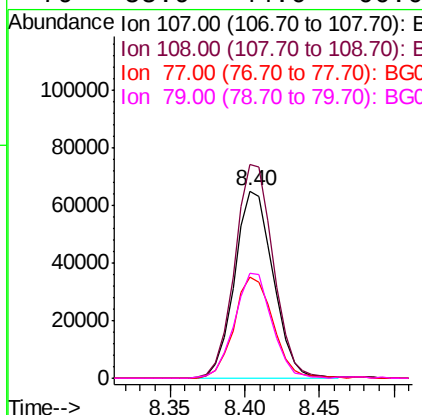
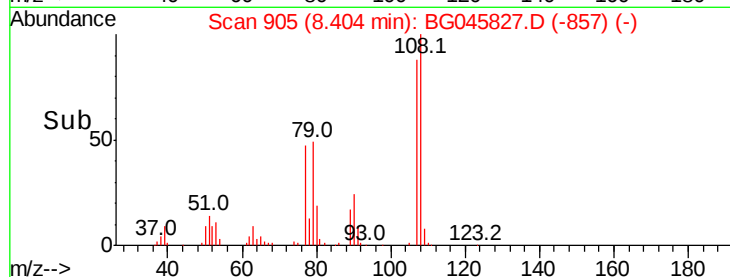
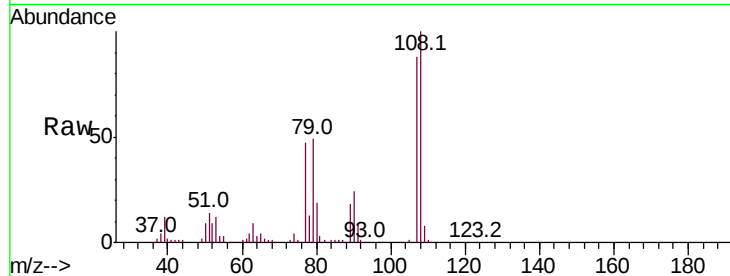
#17
2-Methylphenol
Concen: 34.309 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616DL

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	87.4	131.0	
77	54.1	42.5	63.7	
79	55.9	44.0	66.0	

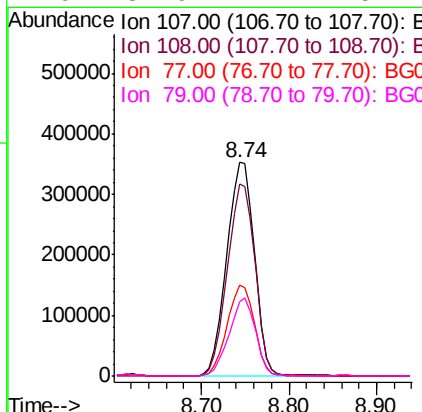
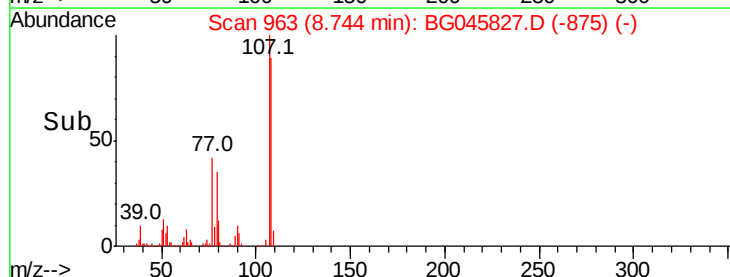
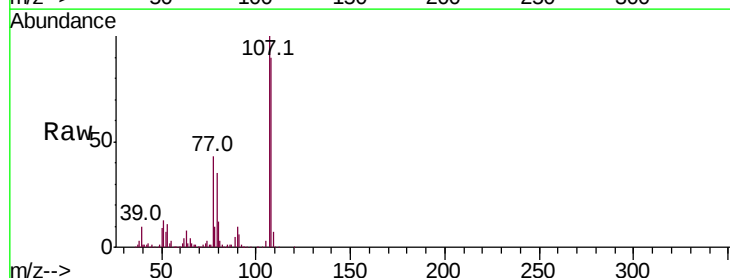
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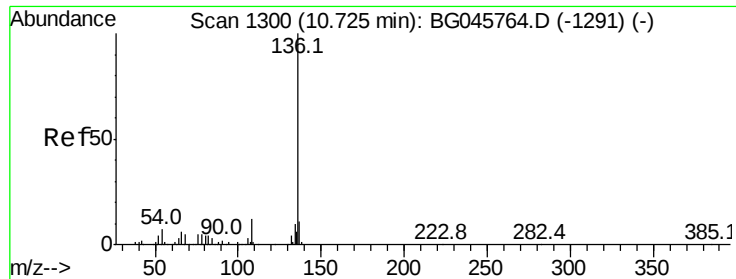
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#20
3+4-Methylphenols
Concen: 171.451 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	90.2	65.4	105.4	
77	42.6	77.2	117.2#	
79	34.9	14.2	54.2	





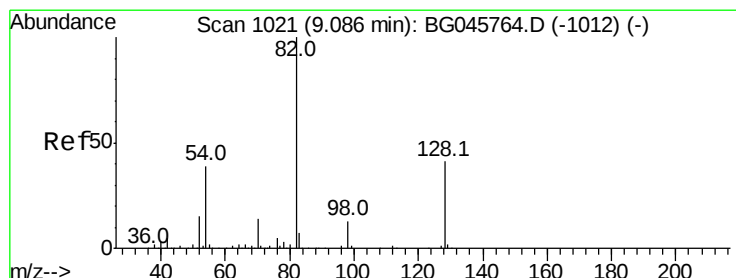
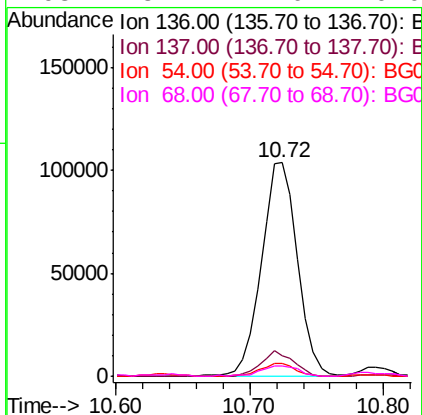
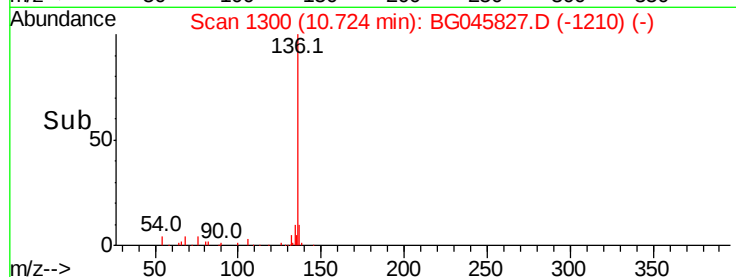
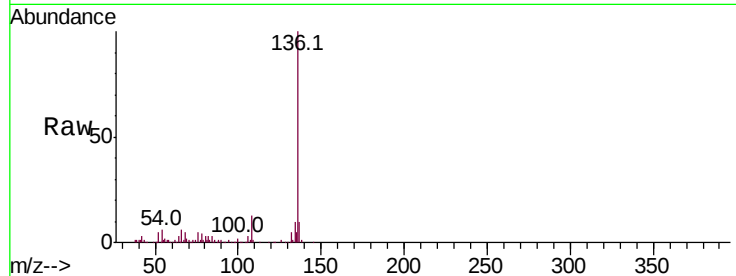
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616DL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	9.7	8.7	13.1
54	5.7	5.8	8.6#
68	5.1	4.0	6.0

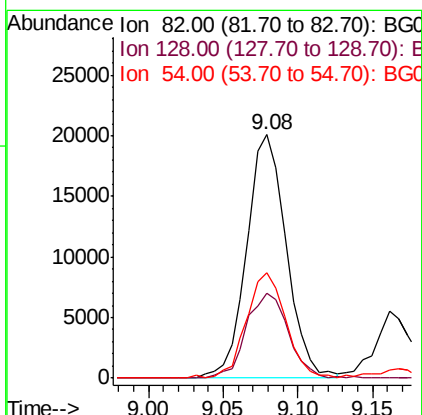
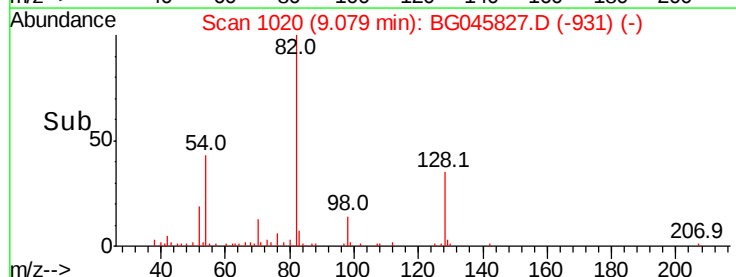
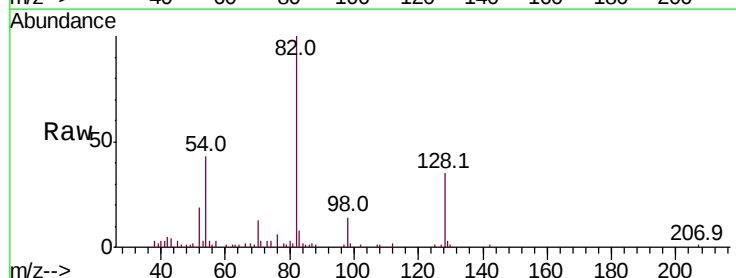
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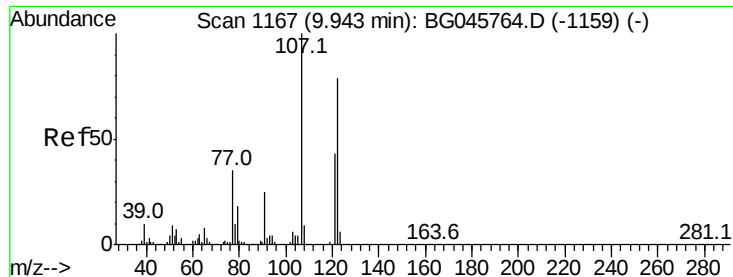
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#23
Nitrobenzene-d5
Concen: 8.686 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	35.0	32.5	48.7
54	43.2	31.2	46.8





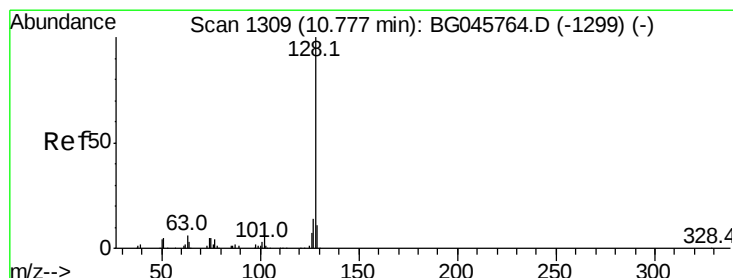
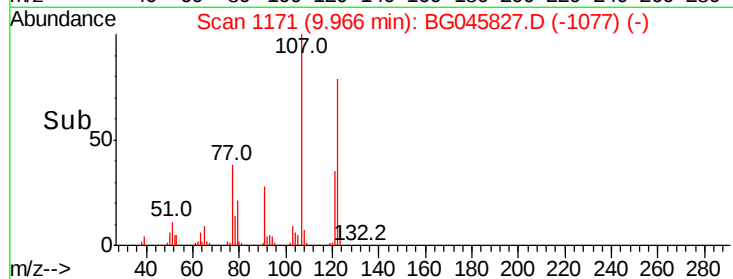
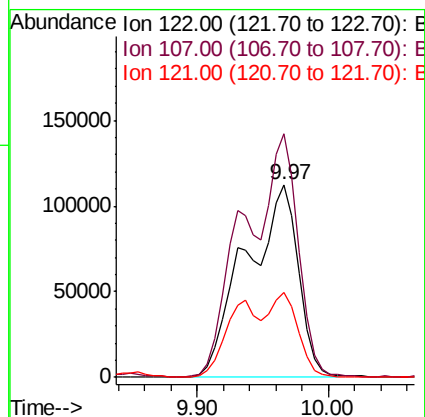
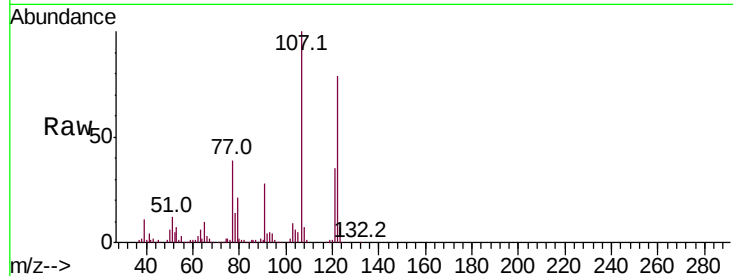
#27
2,4-Dimethylphenol
Concen: 108.961 ng/ml
RT: 9.97 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616DL

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.1	101.3	151.9
121	44.2	43.9	65.9

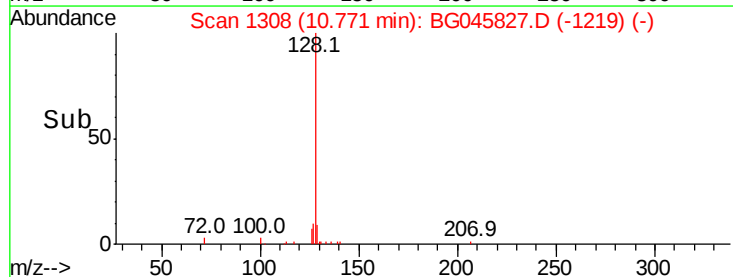
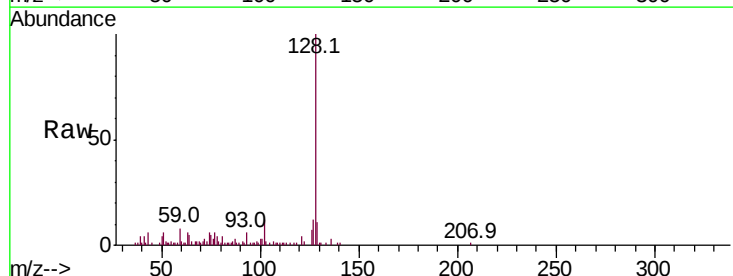
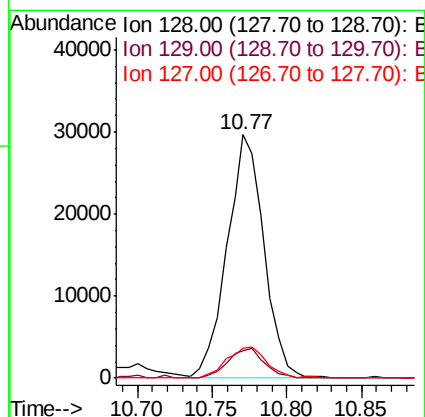
Manual Integrations
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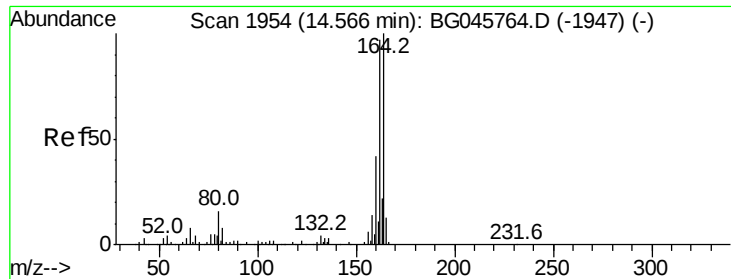
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#31
Naphthalene
Concen: 4.803 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.4	10.9	16.3





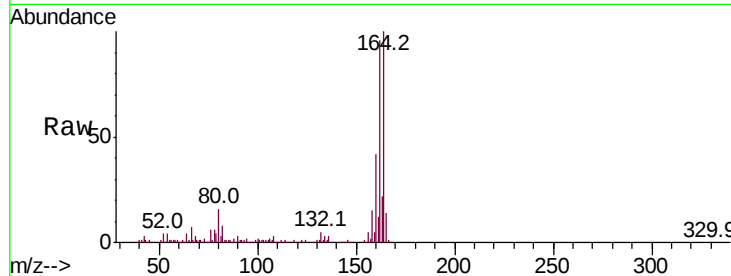
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	77.4	116.0
160	41.9	33.3	49.9

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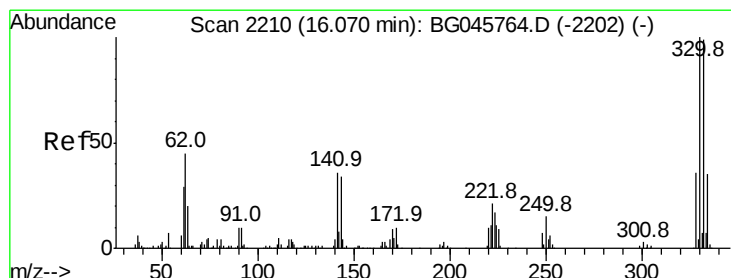
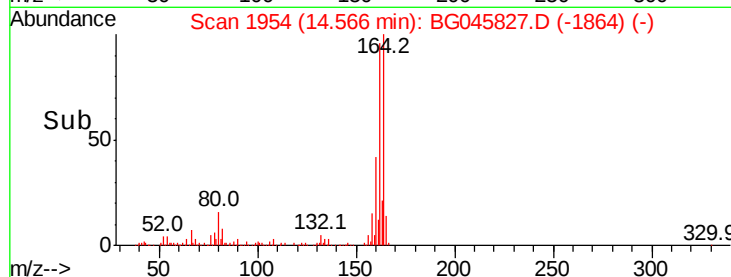
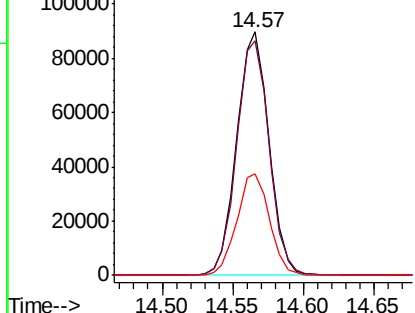


Abundance

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: 12.678 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

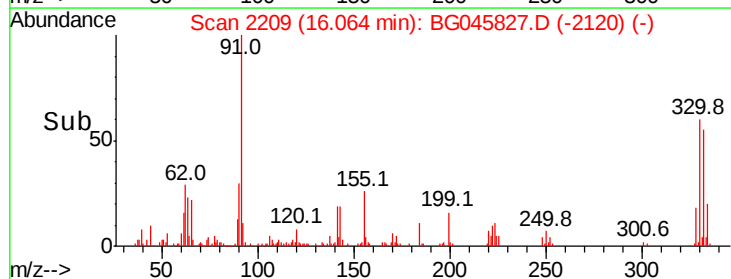
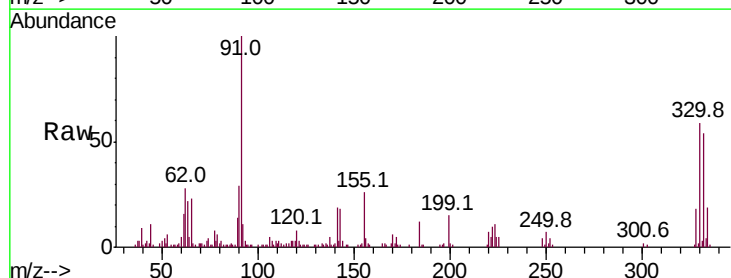
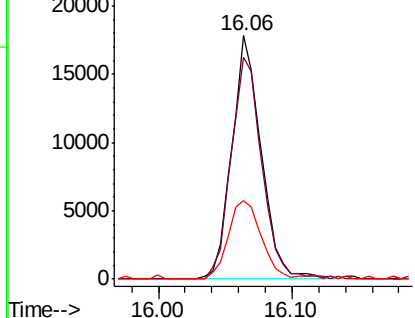
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.6	117.8
141	37.0	28.2	42.4

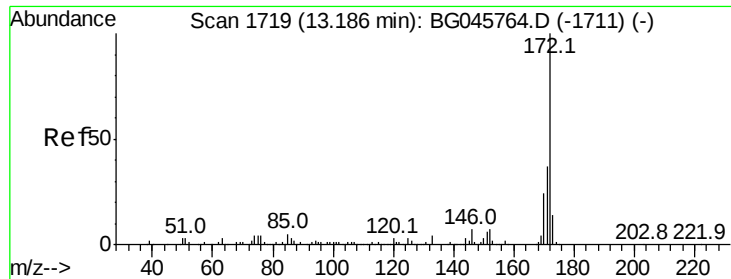
Abundance

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





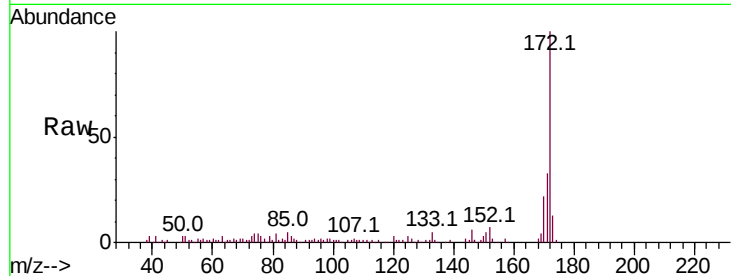
#45
 2-Fluorobiphenyl
 Concen: 9.218 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG045827.D
 Acq: 22 Jun 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 KY032MW006-200616DL

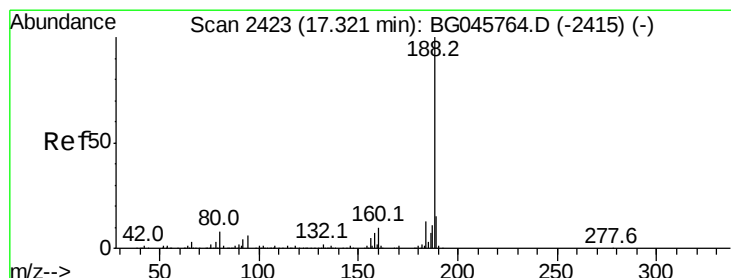
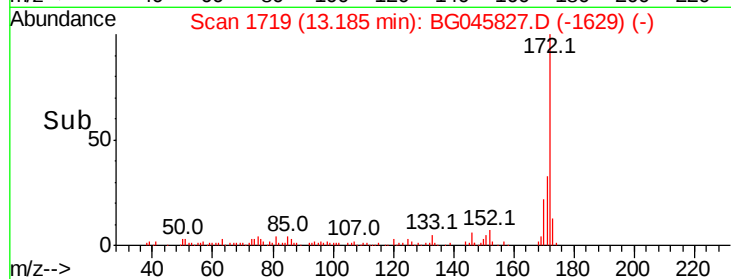
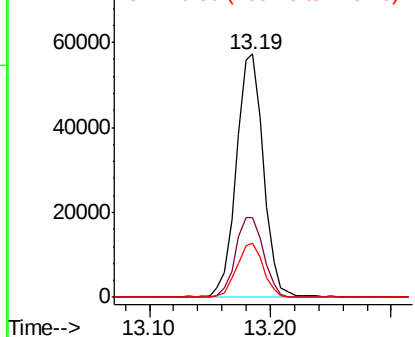
Tot Ion:	172	Resp:	89660
Ion Ratio	Lower	Upper	
172	100		
171	32.8	29.9	44.9
170	22.2	19.3	28.9

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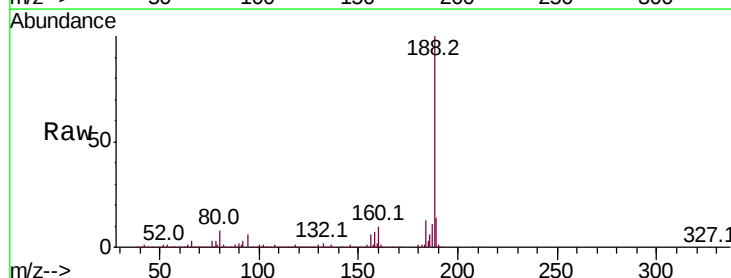


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

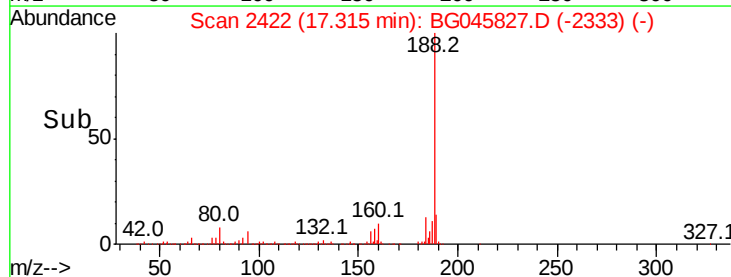
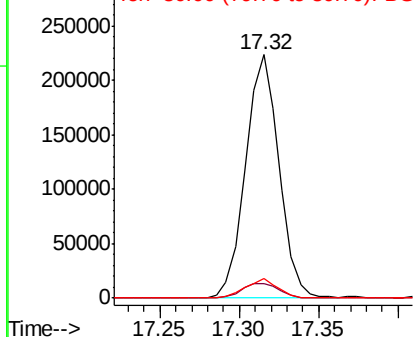


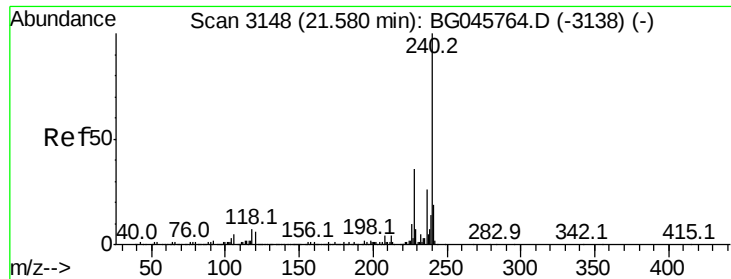
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG045827.D
 Acq: 22 Jun 2020 14:36

Tgt Ion:	188	Resp:	326528
Ion Ratio	Lower	Upper	
188	100		
94	6.1	5.1	7.7
80	8.0	6.2	9.4



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045827.D

Acq: 22 Jun 2020 14:36

Instrument :

BNA_G

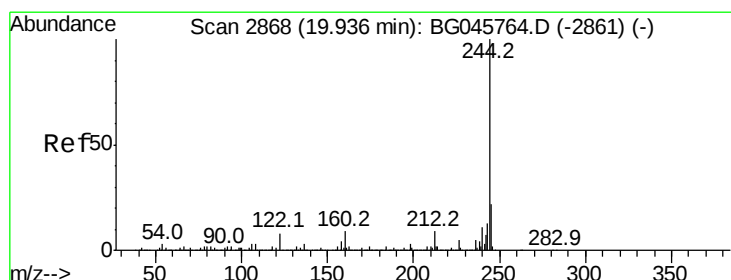
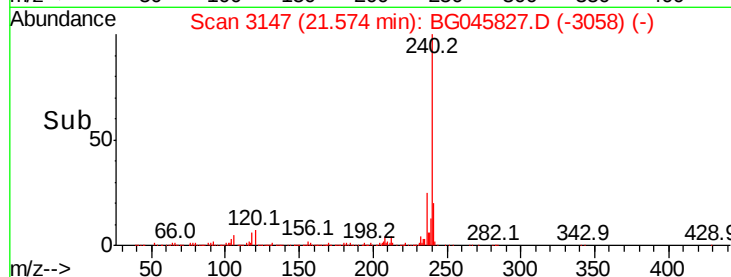
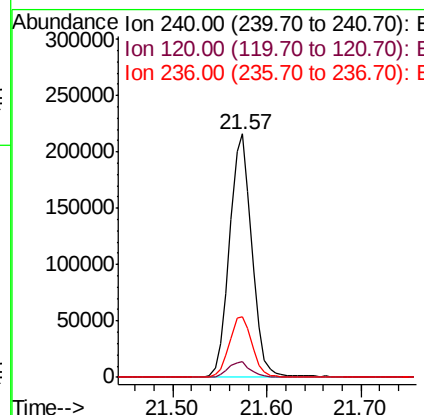
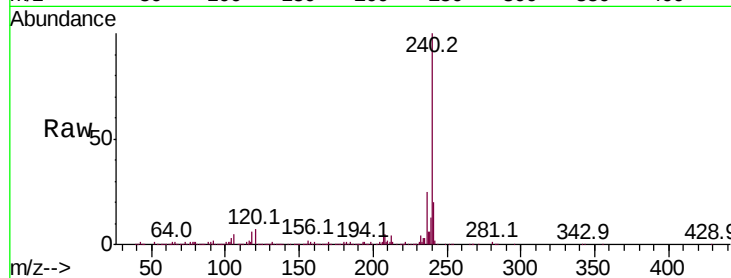
ClientSampleId :

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Tot Ion:	240	Resp:	357760
Ion Ratio	Lower	Upper	
240	100		
120	6.5	5.0	7.4
236	25.1	20.6	30.8

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#79

Terphenyl-d14

Concen: 9.393 ng

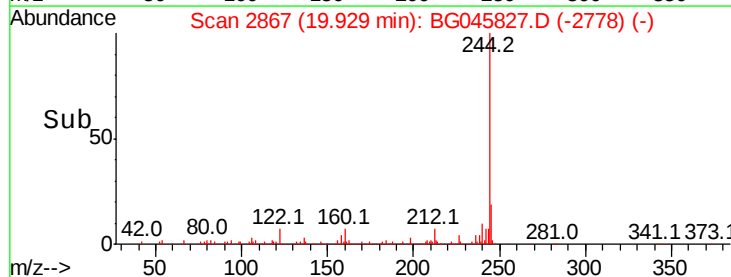
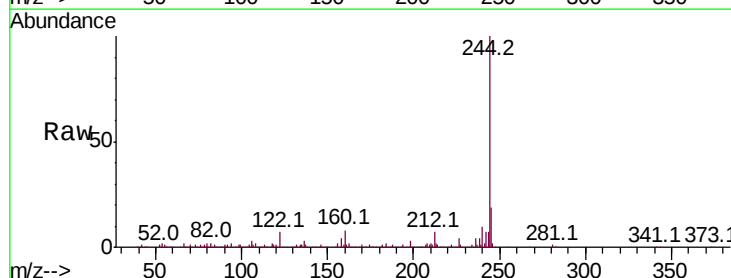
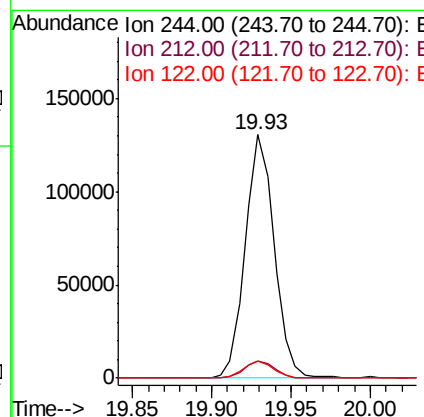
RT: 19.93 min Scan# 2867

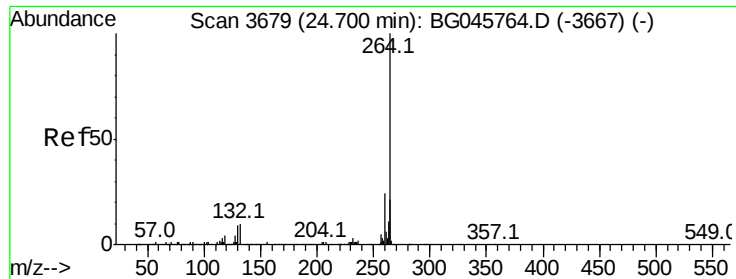
Delta R.T. -0.01 min

Lab File: BG045827.D

Acq: 22 Jun 2020 14:36

Tgt Ion:	244	Resp:	165814
Ion Ratio	Lower	Upper	
244	100		
212	7.2	7.2	10.8
122	7.1	6.4	9.6





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BG045827.D
Acq: 22 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
KY032MW006-200616DL

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.6	19.0	28.4
265	23.7	17.4	26.0

Manual Integrations
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