

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045514.D
 Acq On : 29 May 2020 5:47
 Operator : CG/JU
 Sample : L2757-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP4

Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:27:18 PM

Quant Time: May 29 06:56:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	76025	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	321311	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	250832	20.00	ng	0.01
64) Phenanthrene-d10	17.36	188	413356	20.00	ng	0.00
76) Chrysene-d12	21.61	240	394301	20.00	ng	0.00
87) Perylene-d12	24.76	264	431033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	533093	137.04	ng	0.00
7) Phenol-d6	7.19	99	680061	122.82	ng	0.03
23) Nitrobenzene-d5	9.14	82	809394	137.37	ng	0.02
42) 2,4,6-Tribromophenol	16.11	330	423093	131.89	ng	0.01
45) 2-Fluorobiphenyl	13.24	172	1338474	90.51	ng	0.02
79) Terphenyl-d14	19.97	244	1891247	111.87	ng	0.00
Target Compounds						
10) Phenol	7.21	94	1255903	220.084	ng	97
17) 2-Methylphenol	8.47	107	1625104	380.475	ng	97
20) 3+4-Methylphenols	8.82	107	3281223	564.140	ng	89
27) 2,4-Dimethylphenol	10.03	122	2404332m	600.281	ng	
31) Naphthalene	10.83	128	195531	13.059	ng	98
37) 2-Methylnaphthalene	12.43	142	80275	7.193	ng	93
38) 1-Methylnaphthalene	12.65	142	51687	4.903	ng	# 91

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

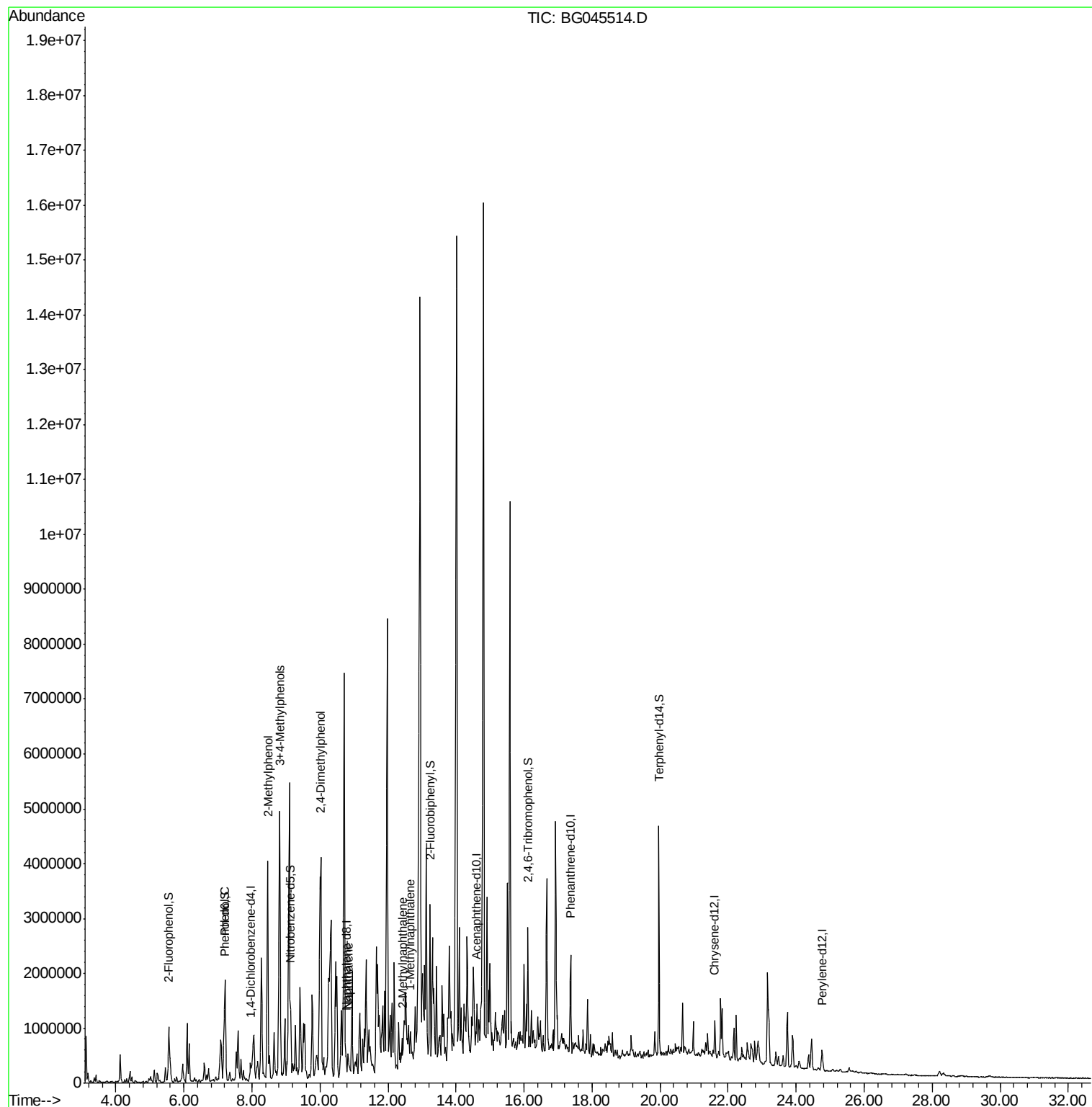
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045514.D
Acq On : 29 May 2020 5:47
Operator : CG/JU
Sample : L2757-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

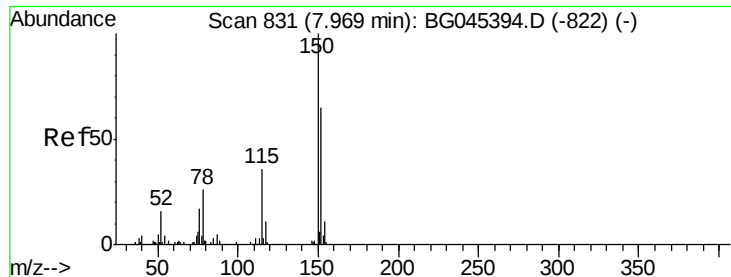
Instrument :
BNA_G
ClientSampleId :
C0AP4

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Quant Time: May 29 06:56:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration





#1

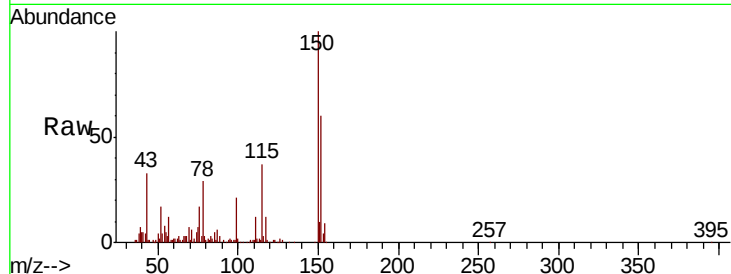
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.4	122.4	183.6
115	61.2	44.2	66.4

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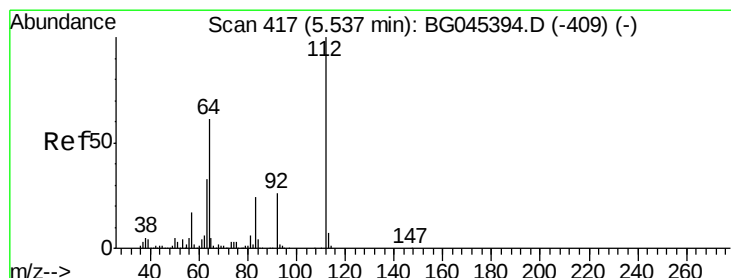
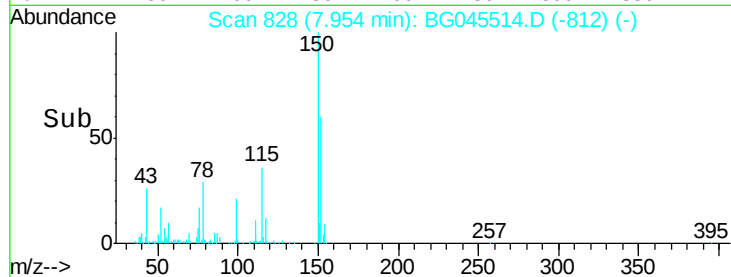
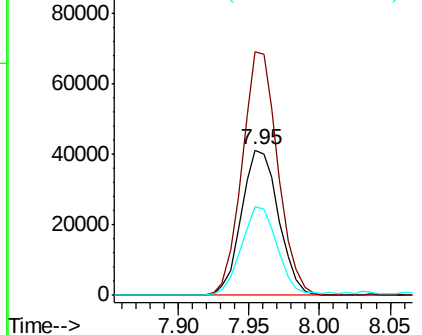


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

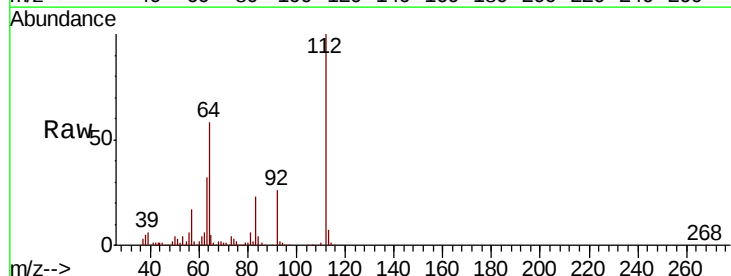
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.037 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.01 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	48.6	72.8
63	32.2	26.5	39.7

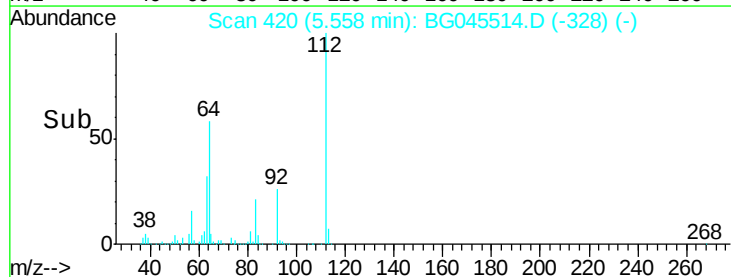
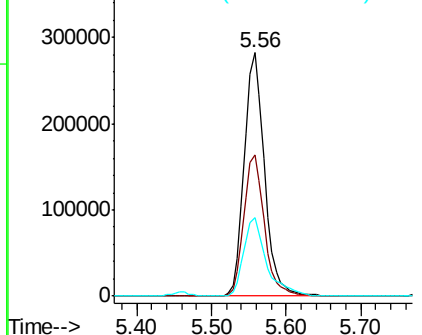


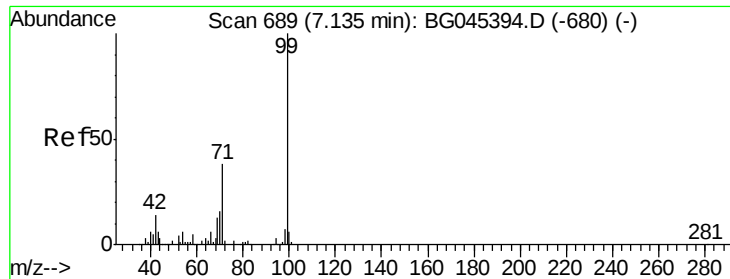
Abundance

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: 122.825 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.03 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

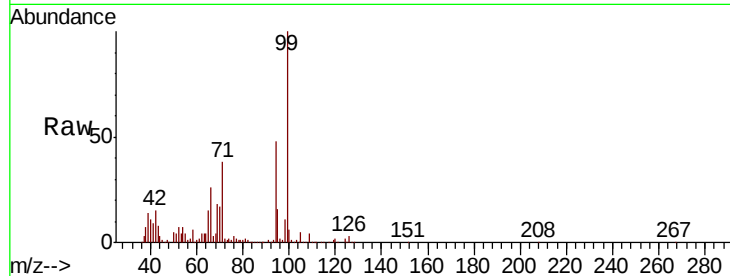
ClientSampleId :

C0AP4

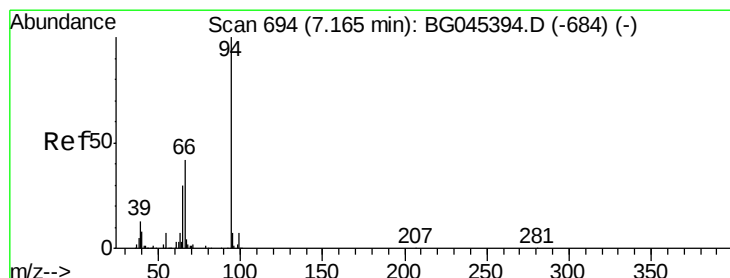
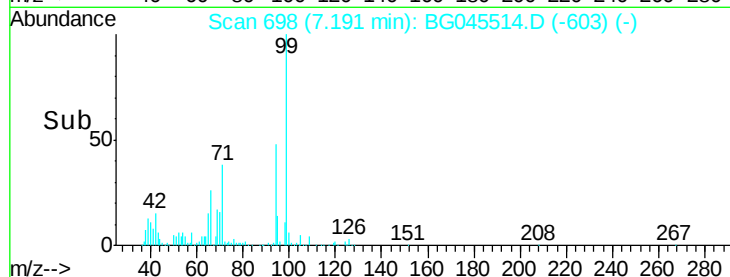
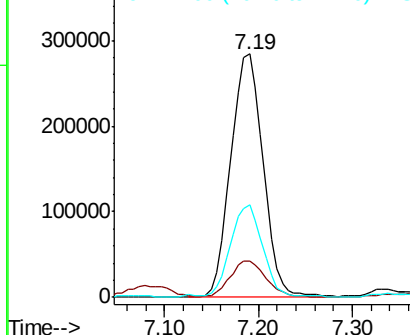
Tot Ion:	99	Resp:	680061
Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.3	16.9
71	37.9	30.8	46.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 220.084 ng

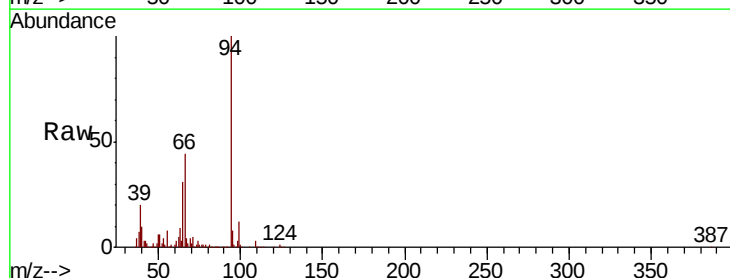
RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

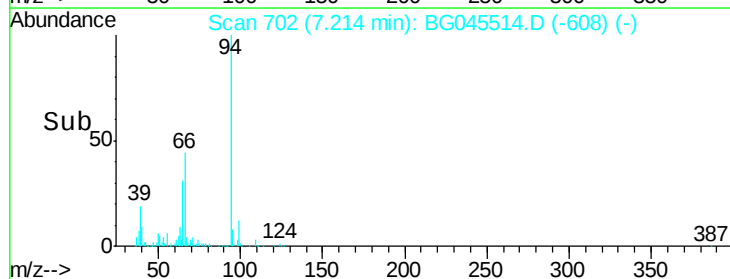
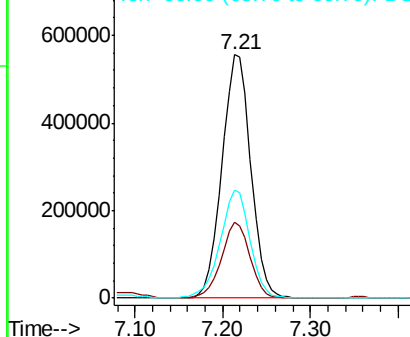
Lab File: BG045514.D

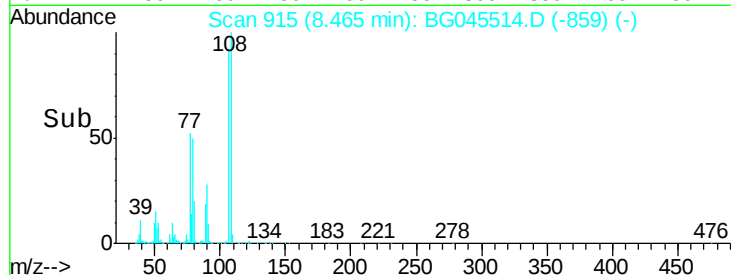
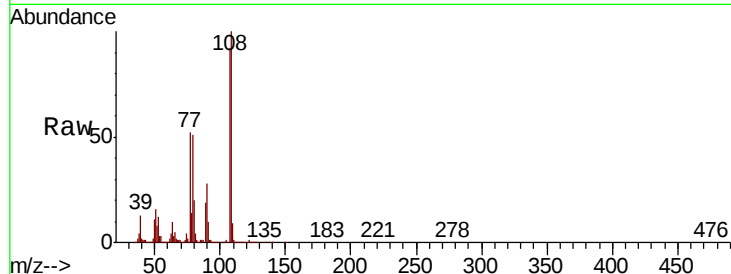
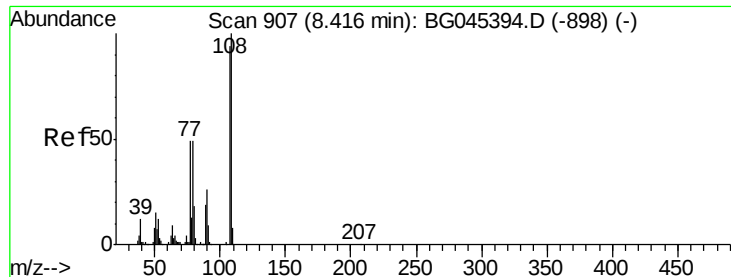
Acq: 29 May 2020 5:47

Tgt Ion:	94	Resp:	1255903
Ion	Ratio	Lower	Upper
94	100		
65	31.1	9.8	49.8
66	44.5	22.0	62.0



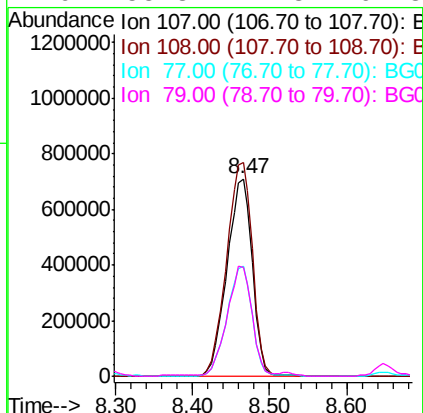
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#17
2-Methylphenol
Concen: 380.475 ng
RT: 8.47 min Scan# 915
Delta R.T. 0.03 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

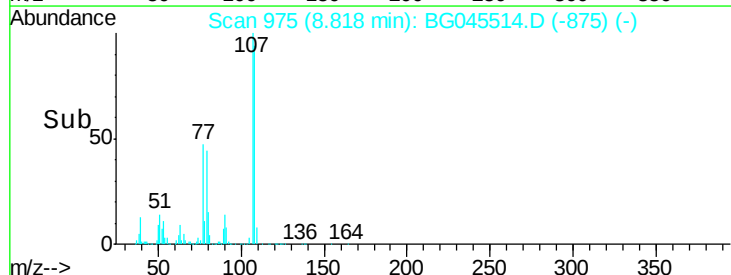
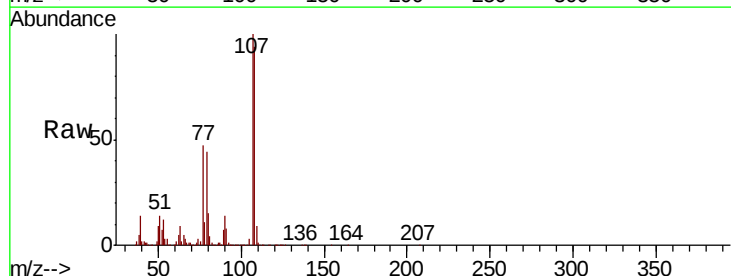
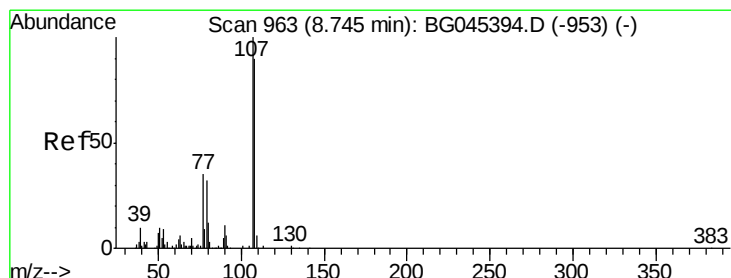
Tot Ion:	107	Resp:	1625104
Ion	Ratio	Lower	Upper
107	100		
108	108.2	85.2	127.8
77	56.1	41.6	62.4
79	55.3	41.8	62.8



Instrument :
BNA_G
ClientSampled :
C0AP4

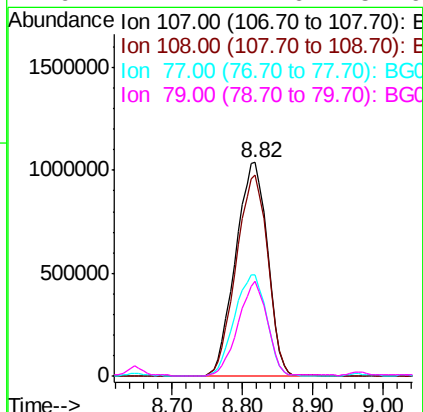
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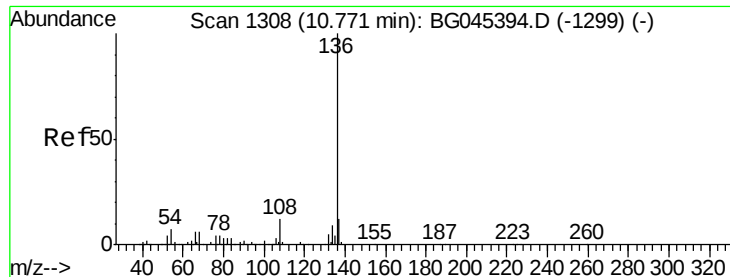
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#20
3+4-Methylphenols
Concen: 564.140 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.05 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion:	107	Resp:	3281223
Ion	Ratio	Lower	Upper
107	100		
108	94.4	70.3	110.3
77	47.1	15.4	55.4
79	44.4	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

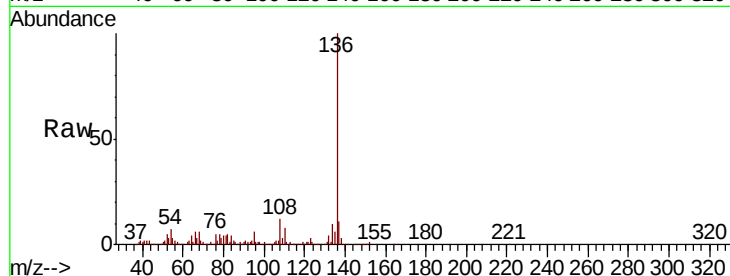
ClientSampled :

C0AP4

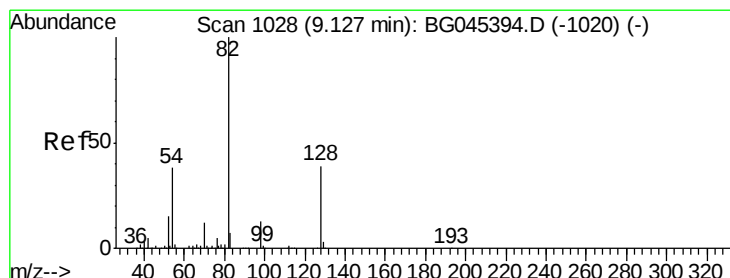
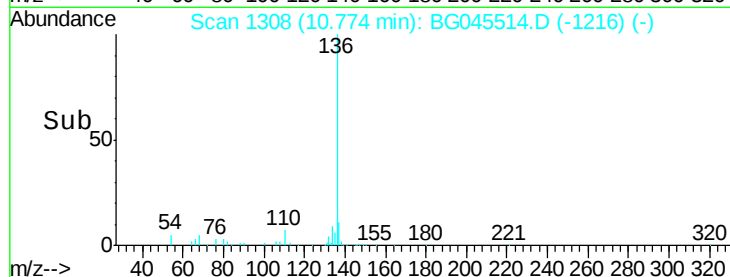
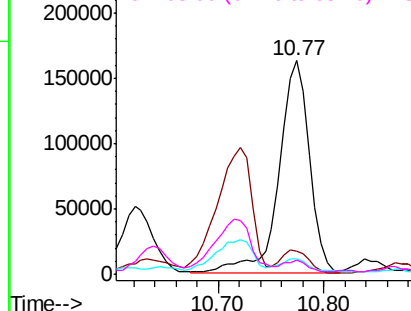
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		321311		
137	11.1	9.4	14.2		
54	7.0	5.8	8.6		
68	6.3	4.5	6.7		

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Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 137.367 ng

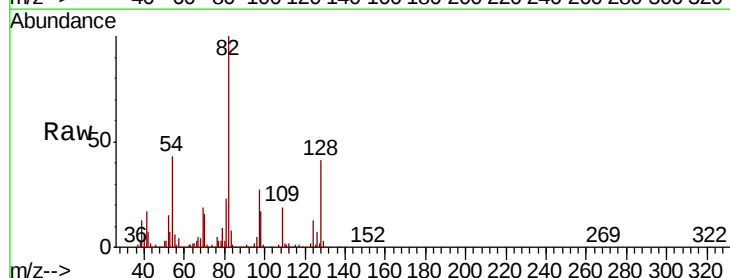
RT: 9.14 min Scan# 1029

Delta R.T. 0.02 min

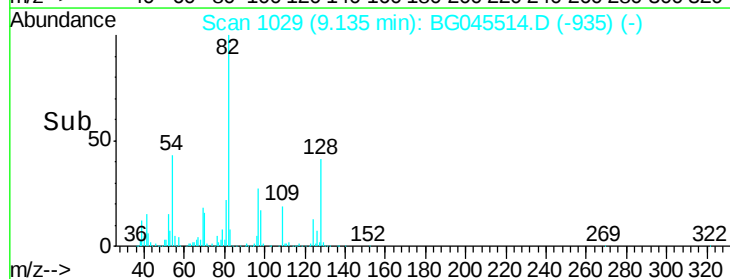
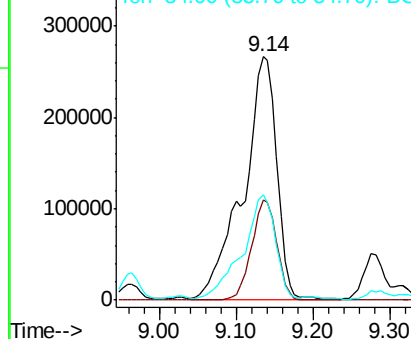
Lab File: BG045514.D

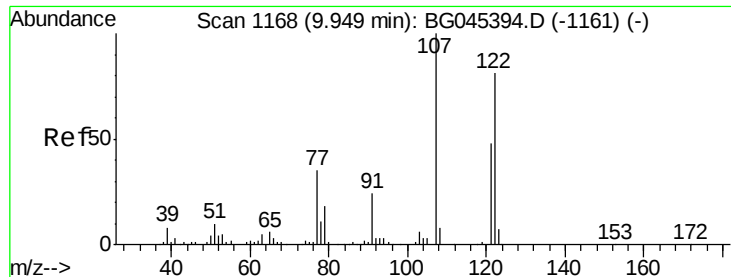
Acq: 29 May 2020 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		809394		
128	41.1	30.9	46.3		
54	43.2	30.3	45.5		



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





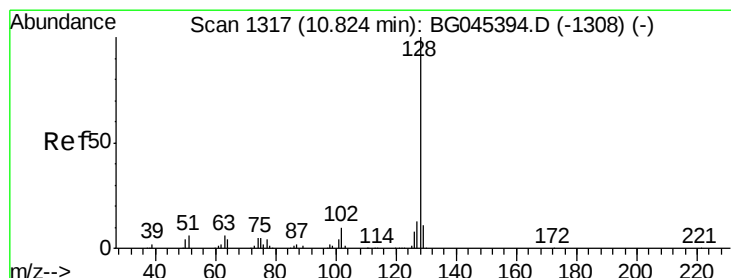
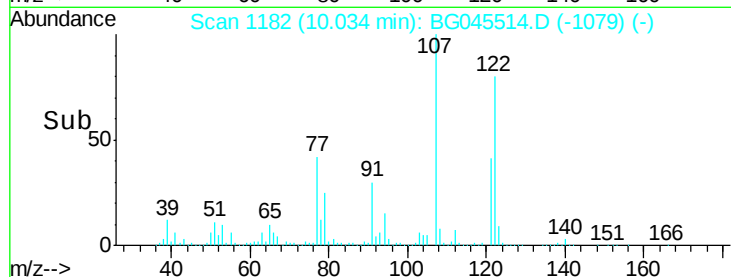
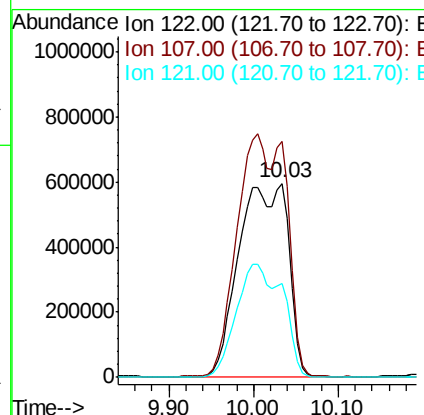
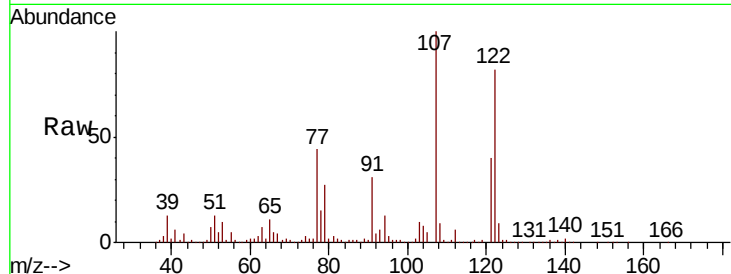
#27
2,4-Dimethylphenol
Concen: 600.281 ng/mL
RT: 10.03 min Scan# 1182
Delta R.T. 0.07 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Instrument :
BNA_G
ClientSampled :
C0AP4

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	99.0	148.4
121	48.6	47.7	71.5

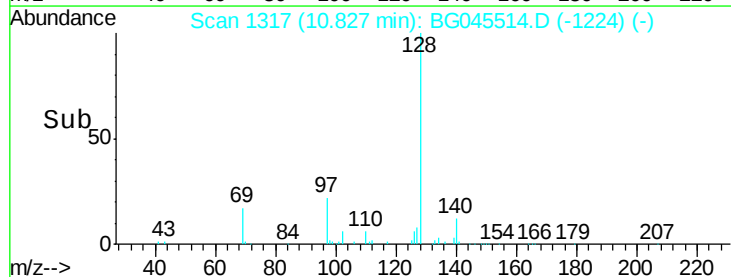
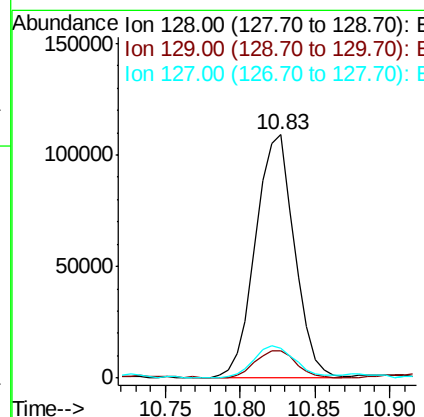
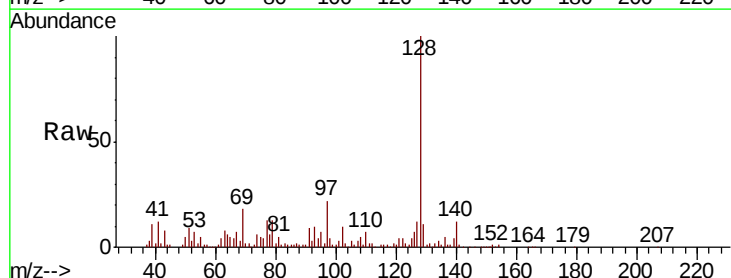
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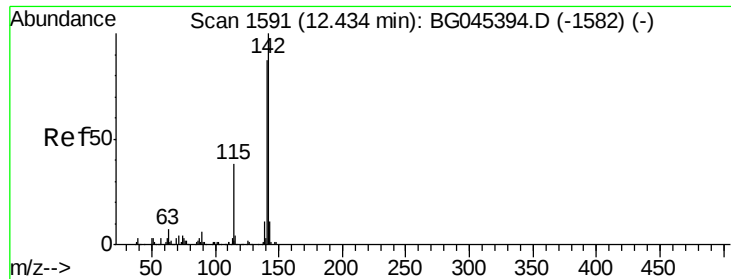
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#31
Naphthalene
Concen: 13.059 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	12.3	10.7	16.1





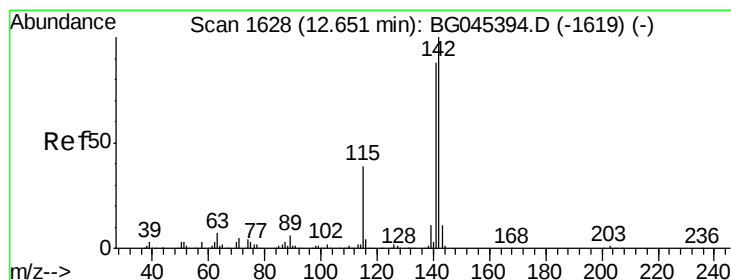
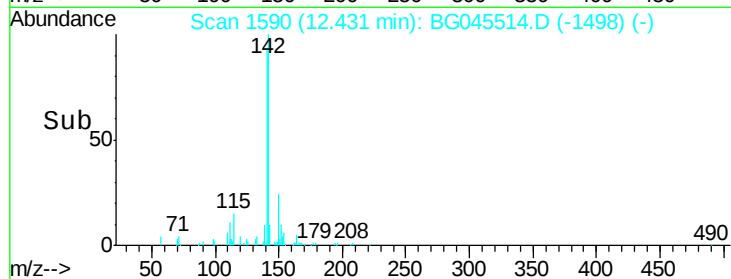
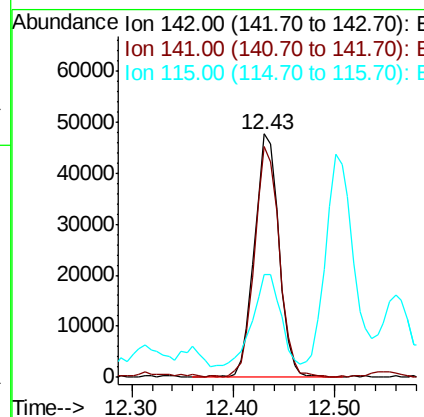
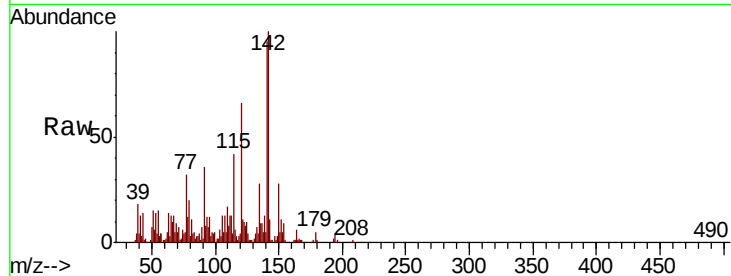
#37
2-Methylnaphthalene
Concen: 7.193 ng
RT: 12.43 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.5	70.0	105.0
115	42.2	30.8	46.2

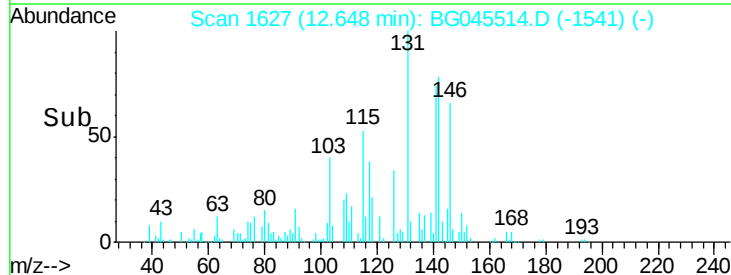
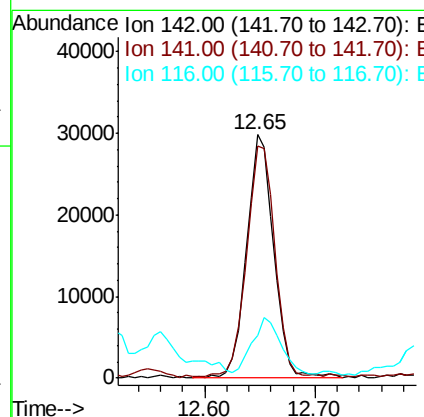
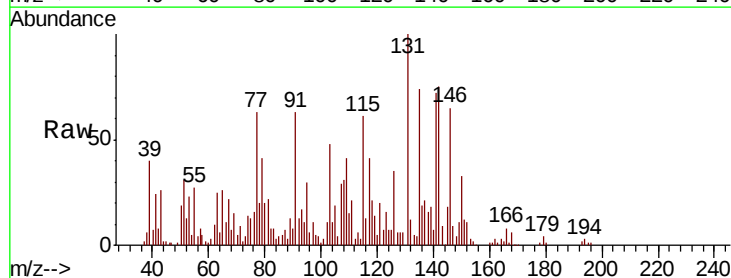
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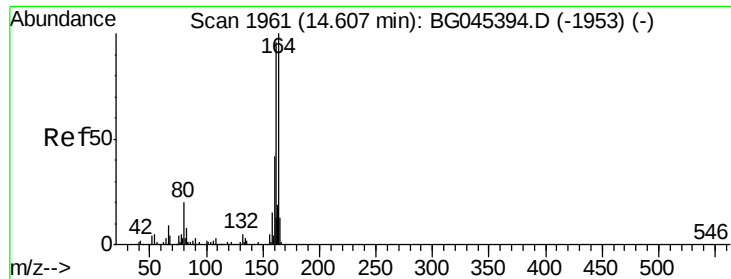
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#38
1-Methylnaphthalene
Concen: 4.903 ng
RT: 12.65 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	70.8	106.2
116	17.4	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Instrument :

BNA_G

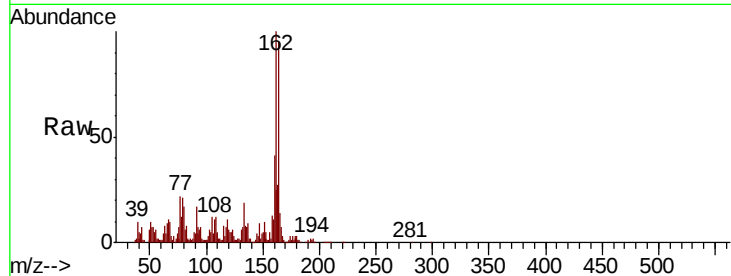
ClientSampleId :

C0AP4

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	76.9	115.3
160	43.1	33.8	50.8

Manual Integrations
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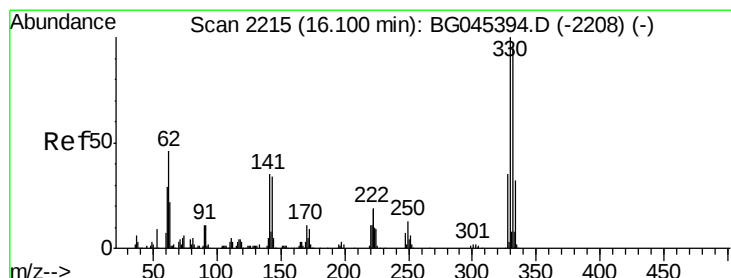
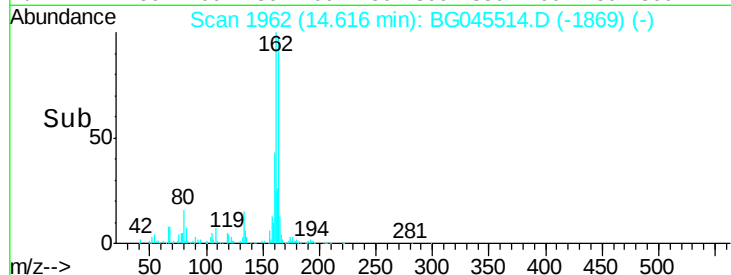
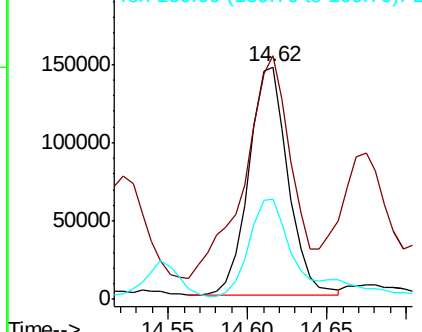


Abundance

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: 131.893 ng

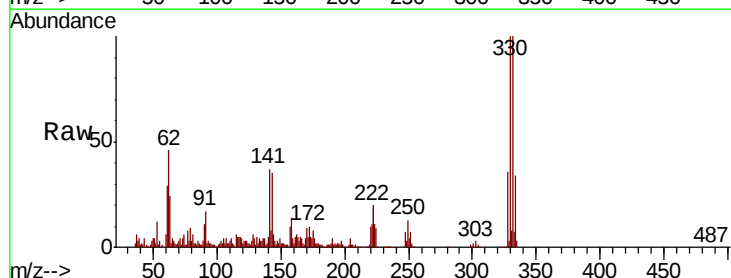
RT: 16.11 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BG045514.D

Acq: 29 May 2020 5:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.4
141	36.2	28.2	42.4

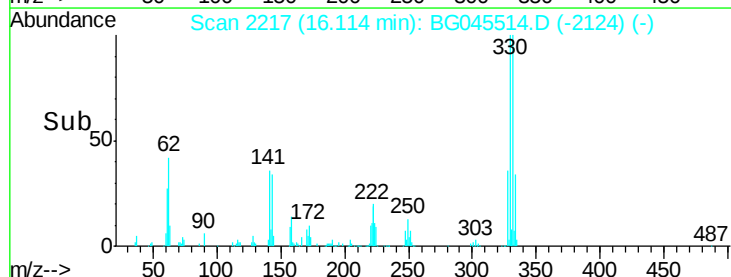
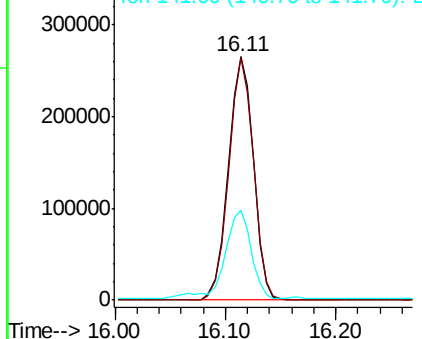


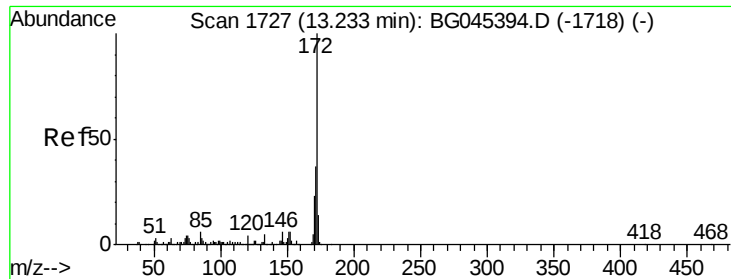
Abundance

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





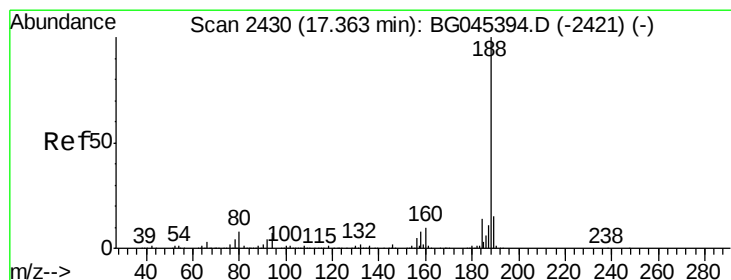
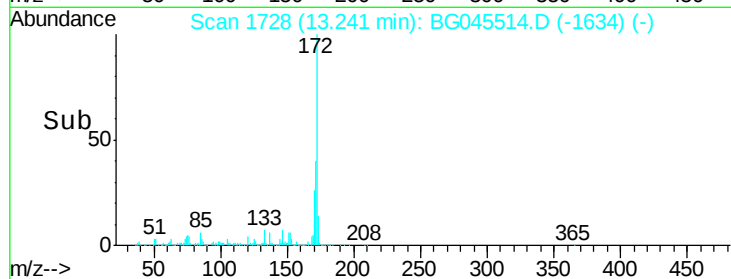
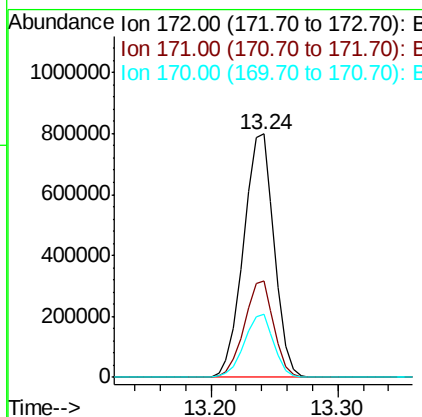
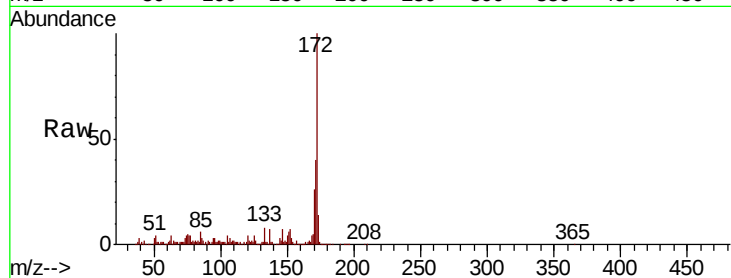
#45
 2-Fluorobiphenyl
 Concen: 90.512 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.02 min
 Lab File: BG045514.D
 Acq: 29 May 2020 5:47

Instrument :
 BNA_G
 ClientSampleID :
 C0AP4

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	29.5	44.3
170	25.8	18.5	27.7

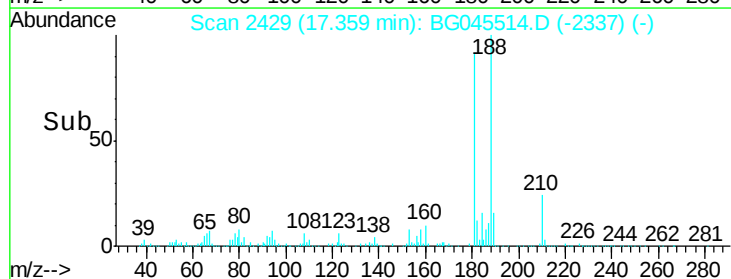
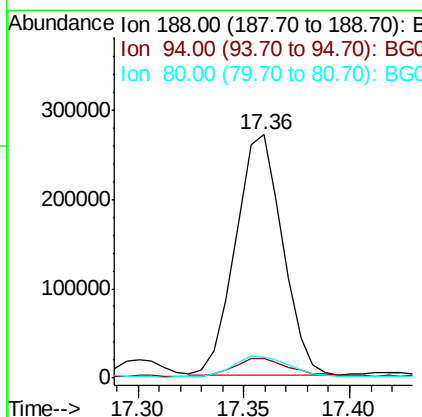
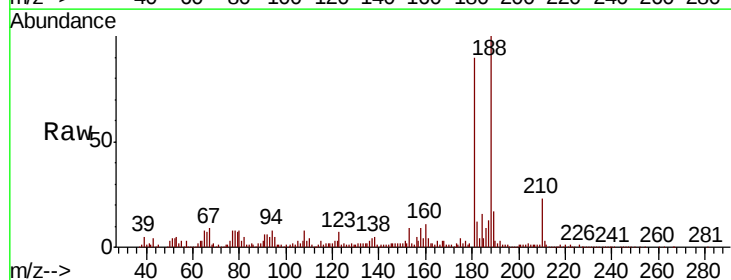
Manual Integrations
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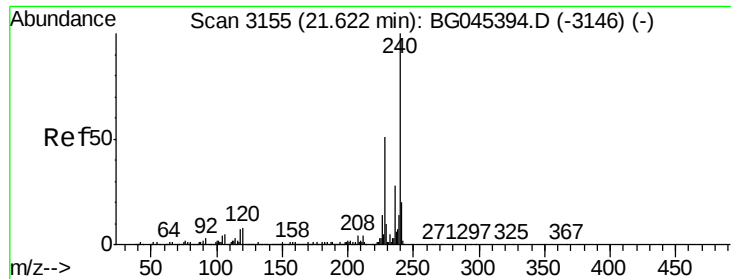
mohammad
 5/29/2020 10:27:18 PM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2429
 Delta R.T. 0.01 min
 Lab File: BG045514.D
 Acq: 29 May 2020 5:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.5	8.3
80	8.4	6.6	10.0





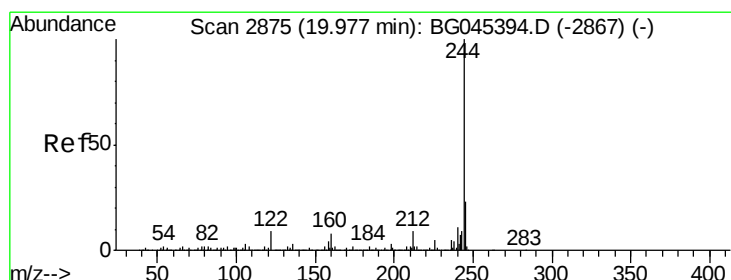
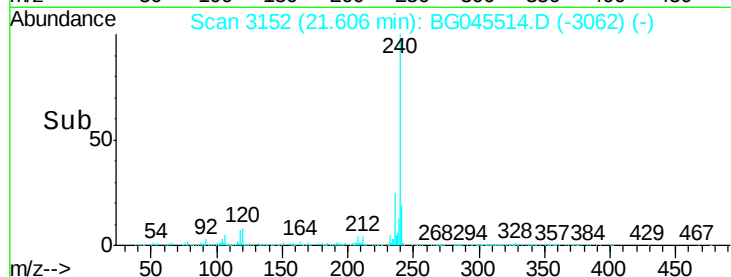
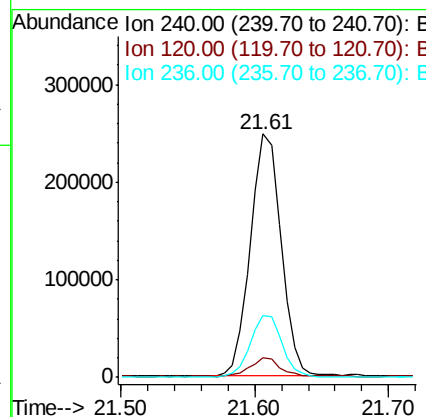
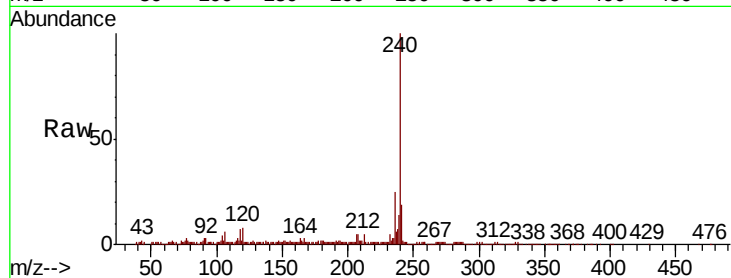
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Instrument :
BNA_G
ClientSampleId :
C0AP4

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.1	9.1
236	25.4	22.3	33.5

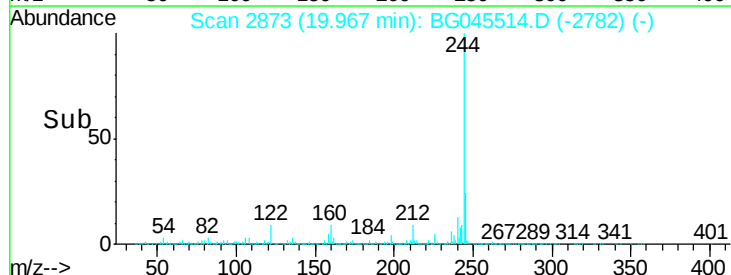
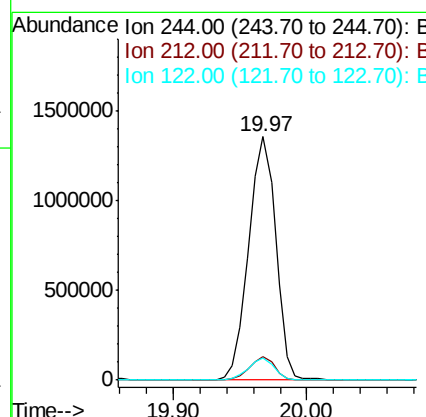
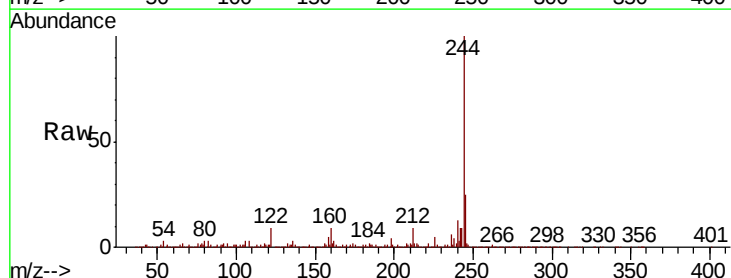
Manual Integrations
APPROVED

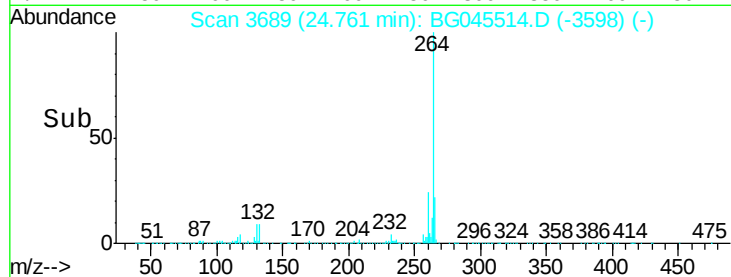
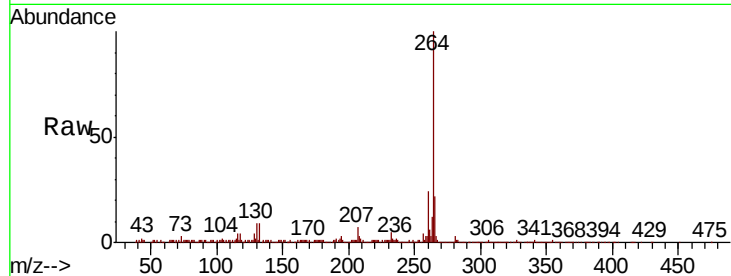
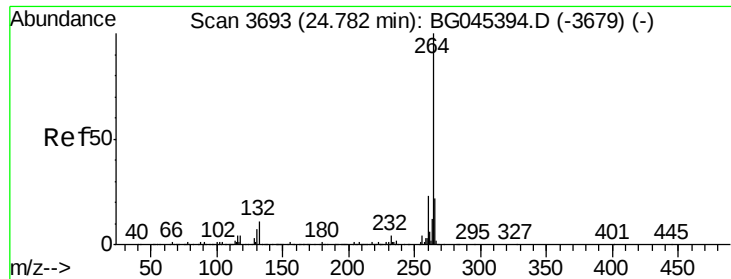
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#79
Terphenyl-d14
Concen: 111.868 ng
RT: 19.97 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.0
122	9.0	6.8	10.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG045514.D
Acq: 29 May 2020 5:47

Tot Ion:	264	Resp:	431033
Ion Ratio		Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.4	17.6	26.4

Instrument :
BNA_G
ClientSampleId :
C0AP4

Manual Integrations
APPROVED

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