

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045515.D
 Acq On : 29 May 2020 6:27
 Operator : CG/JU
 Sample : L2757-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP5

Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:27:22 PM

Quant Time: May 29 07:06:46 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	70895	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	285340	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	207430	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	424546	20.00	ng	0.00
76) Chrysene-d12	21.60	240	406747	20.00	ng	0.00
87) Perylene-d12	24.76	264	442109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	486487	134.11	ng	0.00
7) Phenol-d6	7.17	99	692938	134.21	ng	0.00
23) Nitrobenzene-d5	9.12	82	630793	120.55	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	494291	186.33	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1453708	118.87	ng	0.00
79) Terphenyl-d14	19.97	244	2127988	122.02	ng	0.00
Target Compounds						
10) Phenol	7.19	94	146239	27.481	ng	99
17) 2-Methylphenol	8.43	107	104059	26.126	ng	97
20) 3+4-Methylphenols	8.77	107	330490	60.933	ng	92
27) 2,4-Dimethylphenol	9.96	122	150206m	42.229	ng	
32) Benzoic acid	10.10	122	20578	16.753	ng	97
50) Dimethylphthalate	14.06	163	135650	9.533	ng	# 96

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

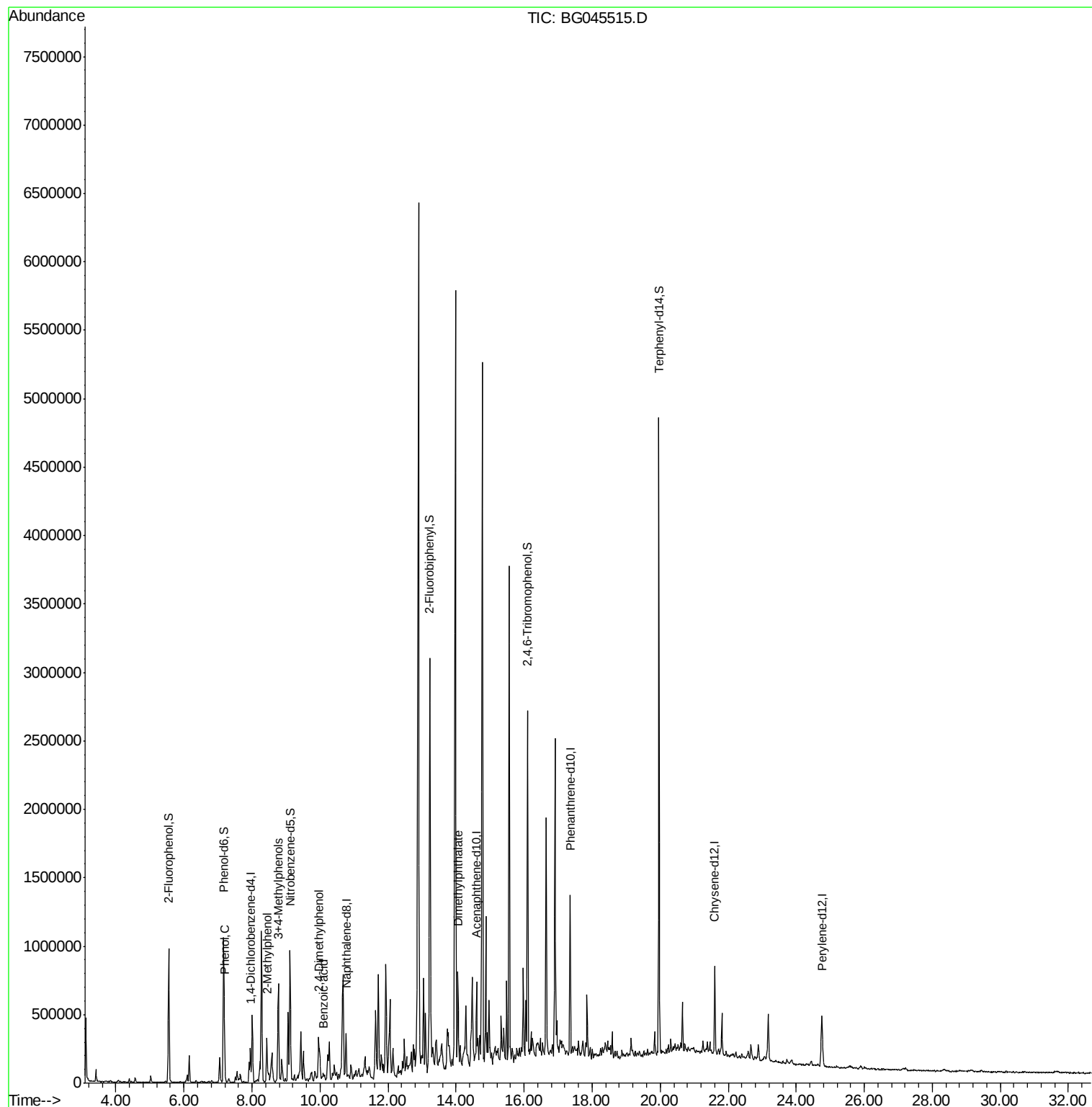
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045515.D
Acq On : 29 May 2020 6:27
Operator : CG/JU
Sample : L2757-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

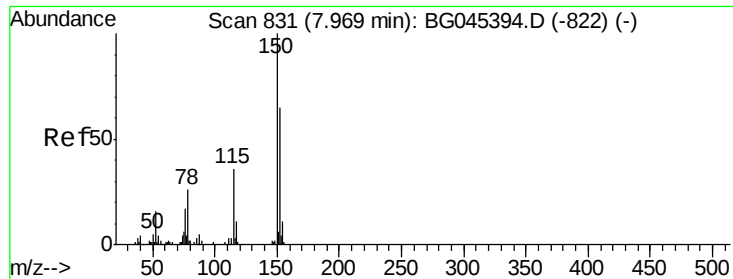
Instrument :
BNA_G
ClientSampleId :
C0AP5

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Quant Time: May 29 07:06:46 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

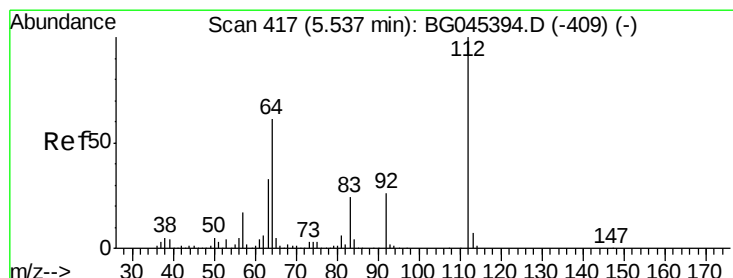
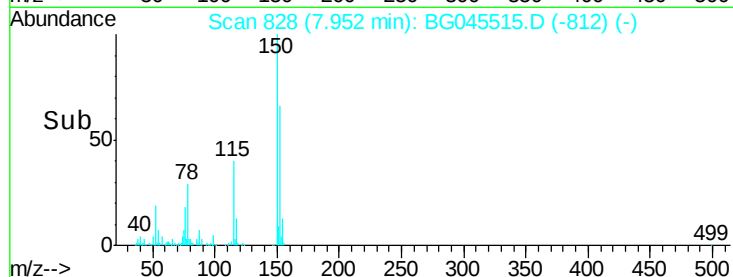
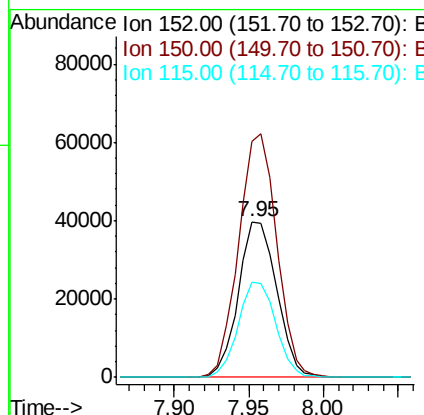
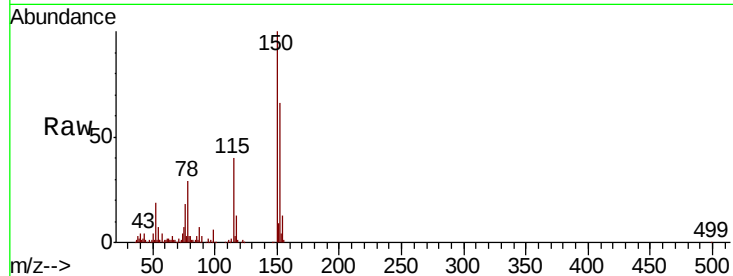
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Instrument :
BNA_G
ClientSampleId :
C0AP5

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.4	183.6
115	61.6	44.2	66.4

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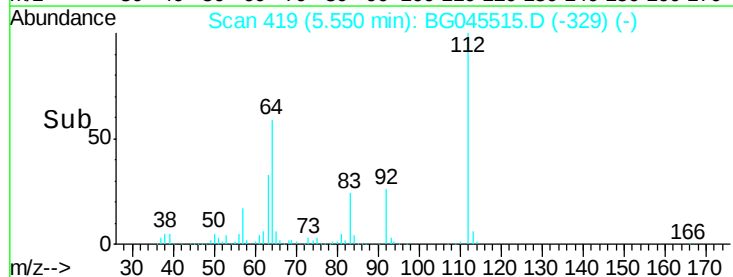
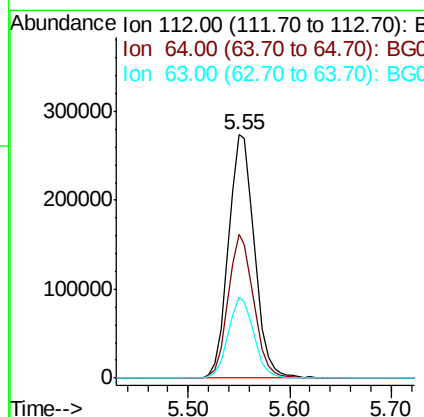
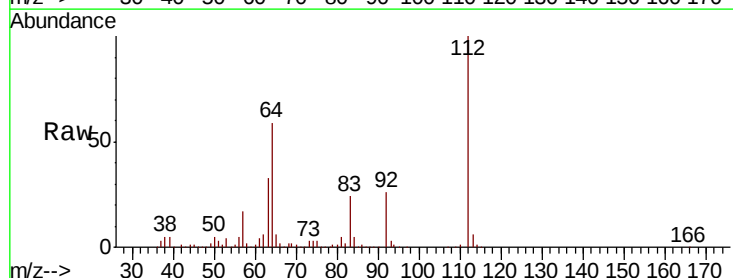
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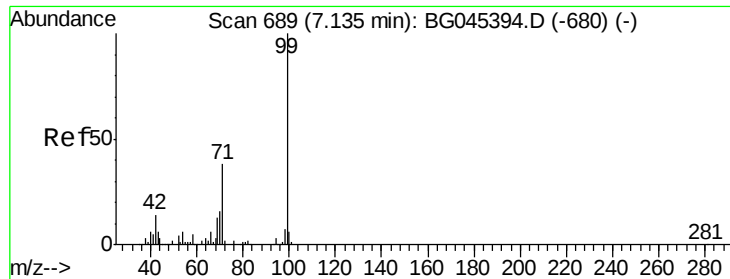


#5

2-Fluorophenol
Concen: 134.105 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.6	72.8
63	33.4	26.5	39.7





#7

Phenol-d6

Concen: 134.206 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG045515.D

Acq: 29 May 2020 6:27

Instrument :

BNA_G

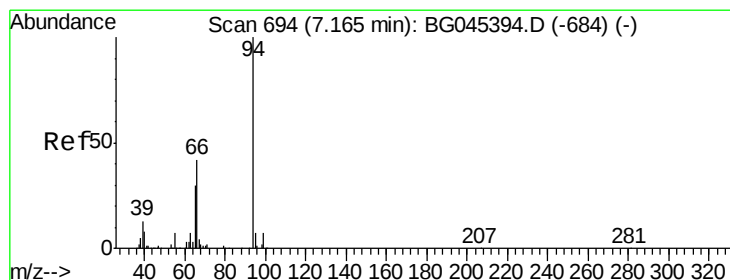
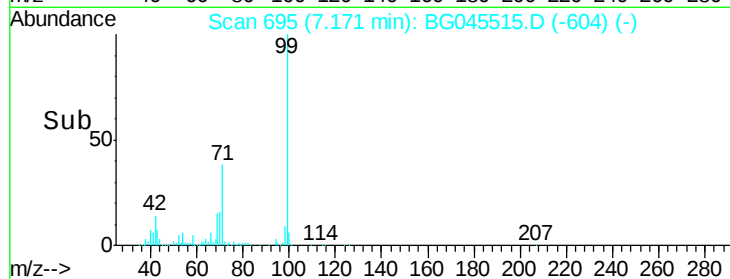
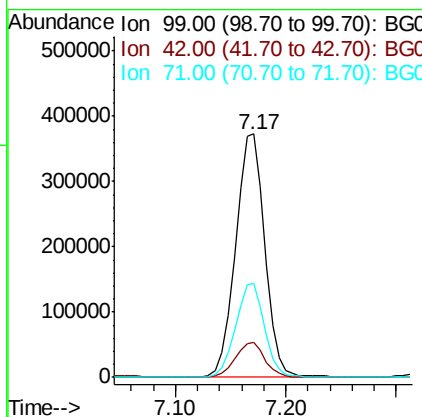
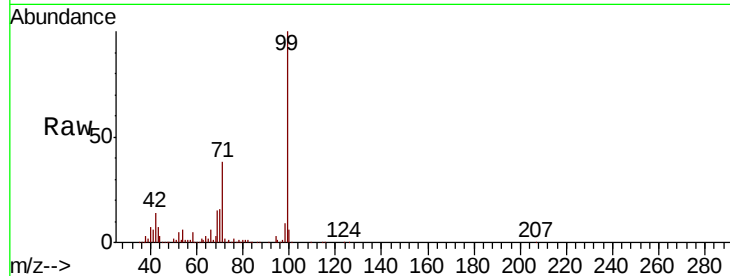
ClientSampled :

C0AP5

Tot Ion:	99	Resp:	692938
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.3	16.9
71	38.3	30.8	46.2

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#10

Phenol

Concen: 27.481 ng

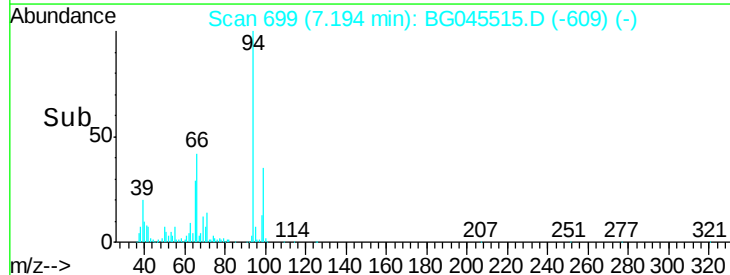
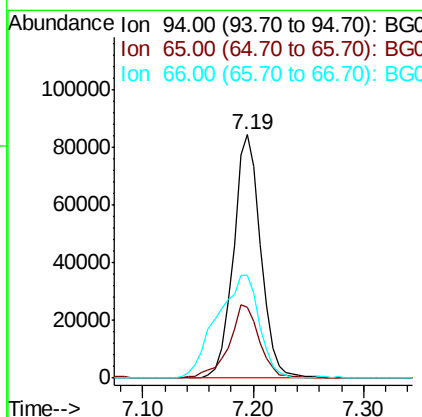
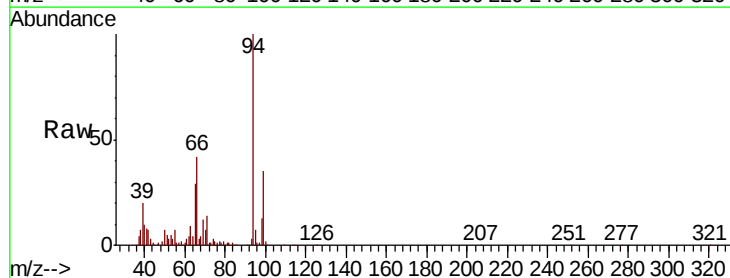
RT: 7.19 min Scan# 699

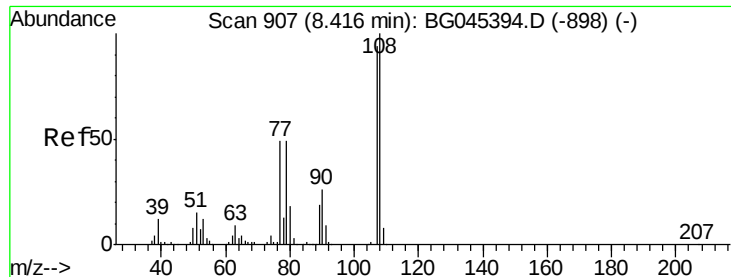
Delta R.T. -0.00 min

Lab File: BG045515.D

Acq: 29 May 2020 6:27

Tgt Ion:	94	Resp:	146239
Ion Ratio	Lower	Upper	
94	100		
65	28.9	9.8	49.8
66	42.5	22.0	62.0





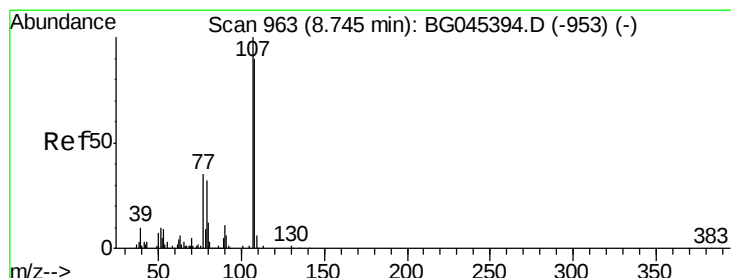
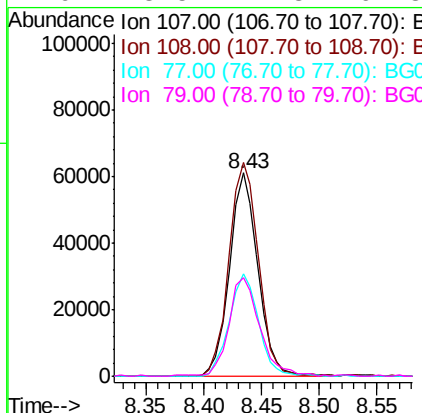
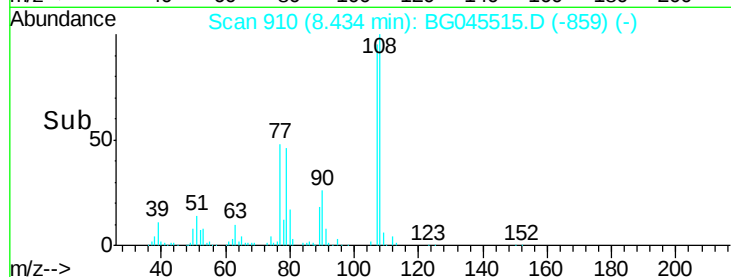
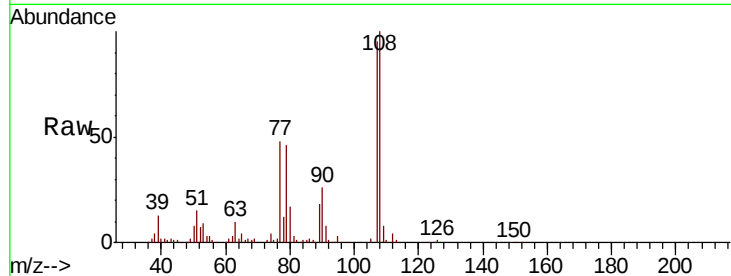
#17
2-Methylphenol
Concen: 26.126 ng
RT: 8.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Instrument :
BNA_G
ClientSampled :
C0AP5

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.2	85.2	127.8	
77	50.3	41.6	62.4	
79	48.5	41.8	62.8	

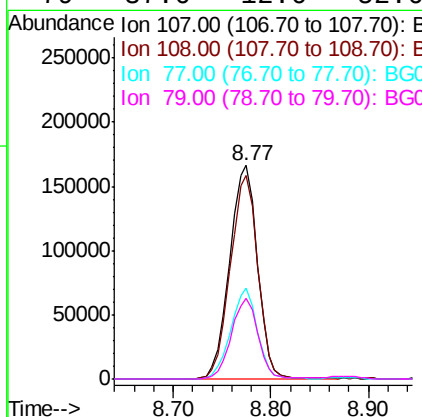
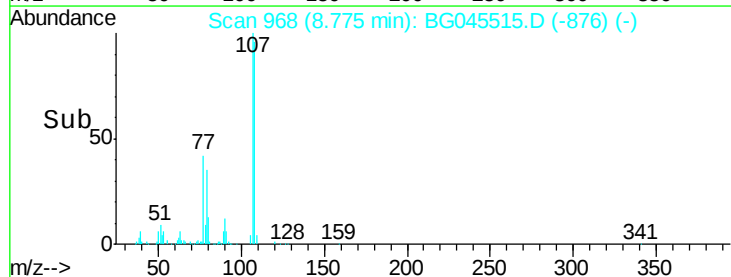
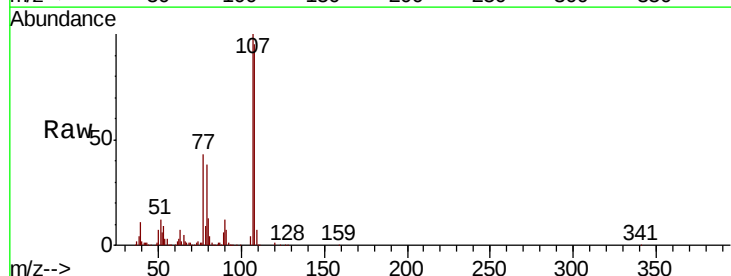
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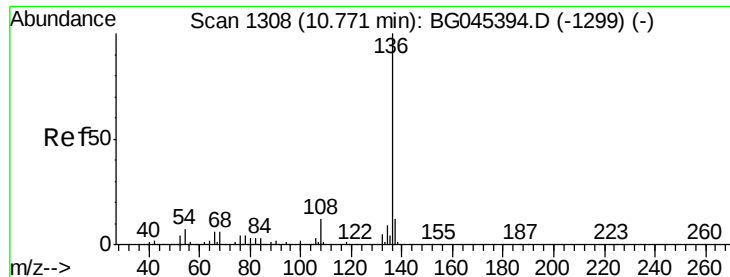
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#20
3+4-Methylphenols
Concen: 60.933 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	95.4	70.3	110.3	
77	42.8	15.4	55.4	
79	37.6	12.6	52.6	





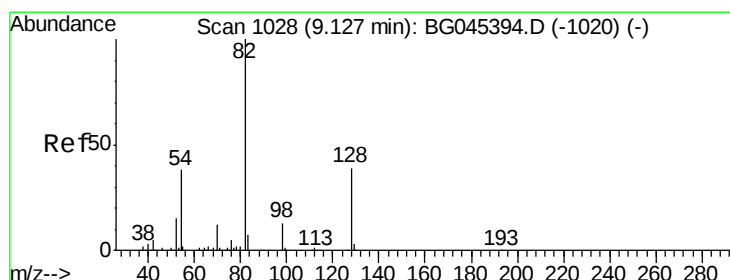
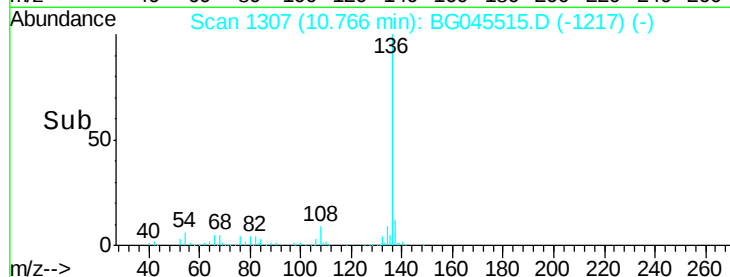
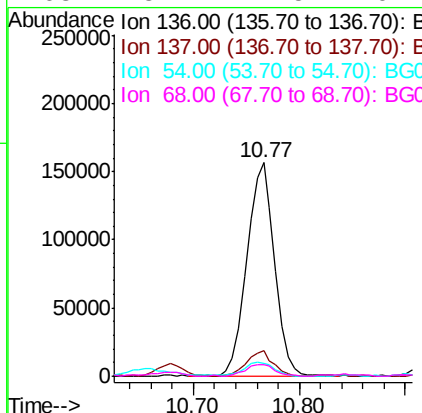
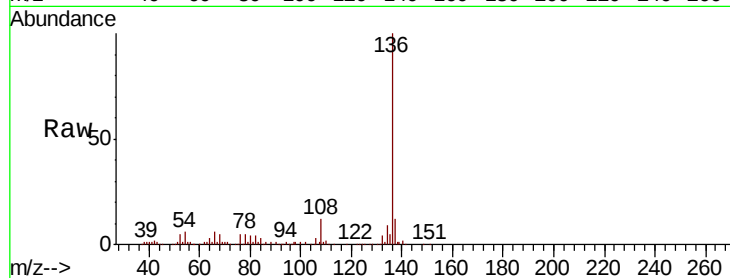
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Instrument :
BNA_G
ClientSampleId :
C0AP5

Tot Ion	Ratio	Resp	Lower	Upper
136	100	285340		
137	12.2		9.4	14.2
54	5.9		5.8	8.6
68	5.4		4.5	6.7

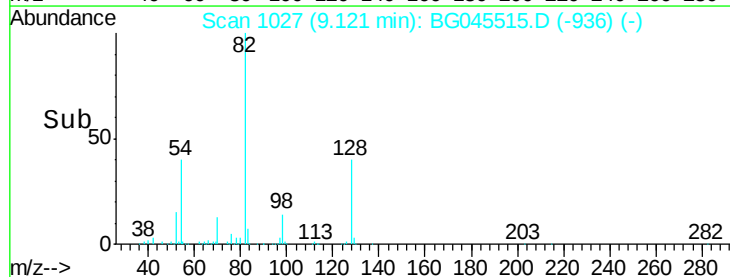
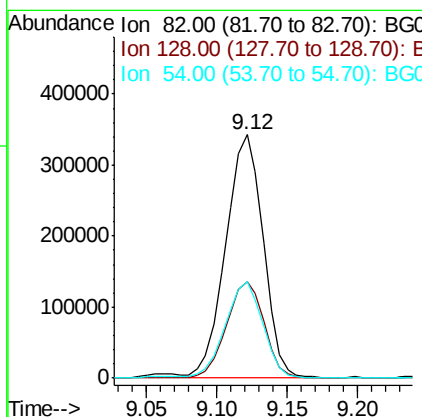
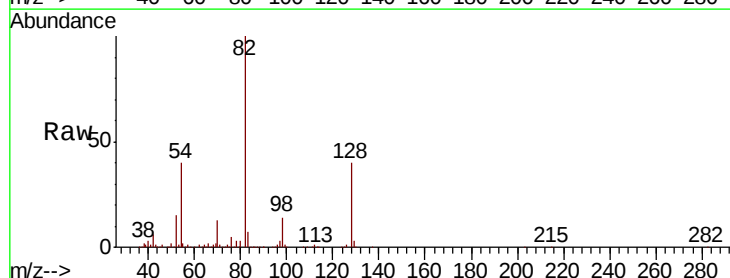
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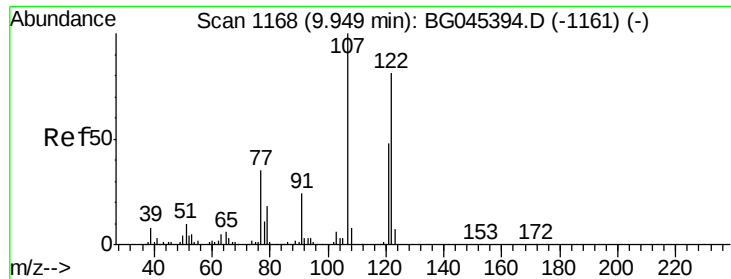
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#23
Nitrobenzene-d5
Concen: 120.551 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	630793		
128	39.6		30.9	46.3
54	39.8		30.3	45.5





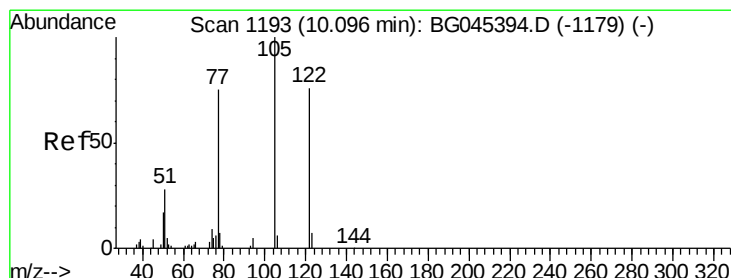
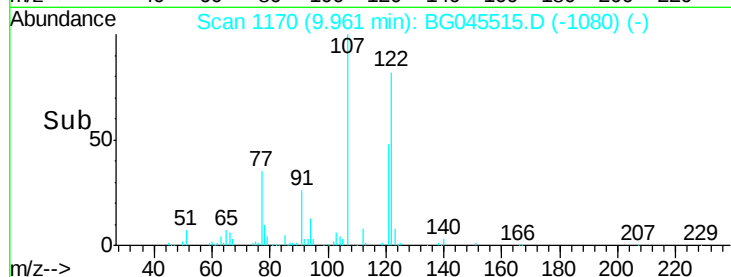
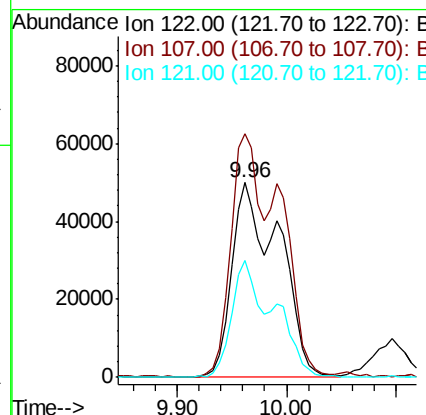
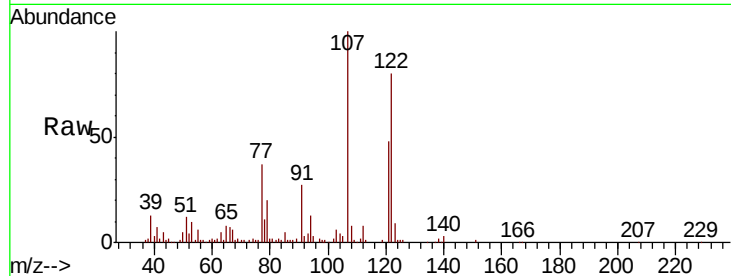
#27
2,4-Dimethylphenol
Concen: 42.229 ng/ml
RT: 9.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Instrument :
BNA_G
ClientSampleId :
C0AP5

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.9	99.0	148.4
121	59.8	47.7	71.5

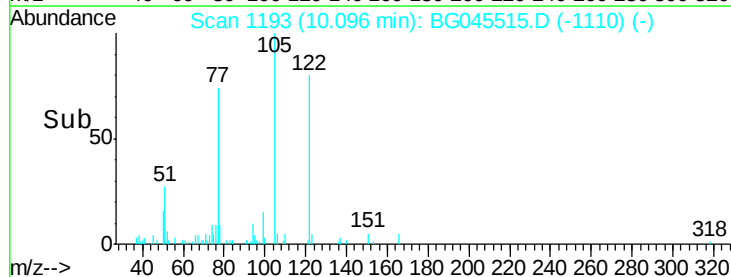
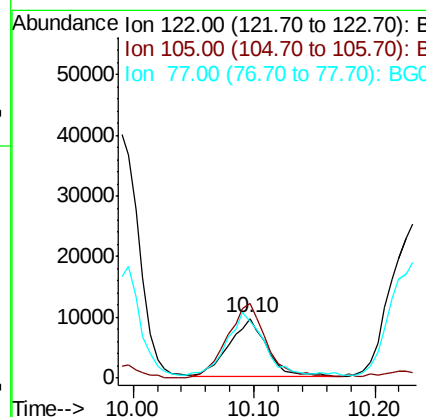
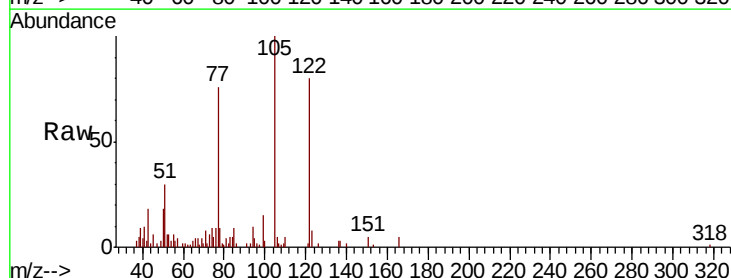
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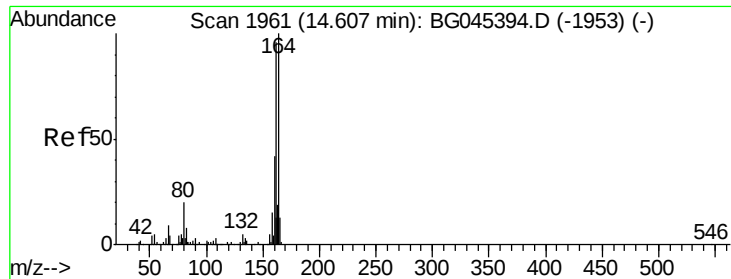
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#32
Benzoic acid
Concen: 16.753 ng/ml
RT: 10.10 min Scan# 1193
Delta R.T. -0.04 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	107.9	147.9
77	94.7	78.9	118.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045515.D

Acq: 29 May 2020 6:27

Instrument :

BNA_G

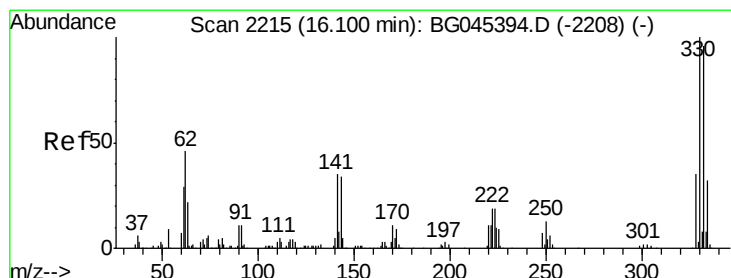
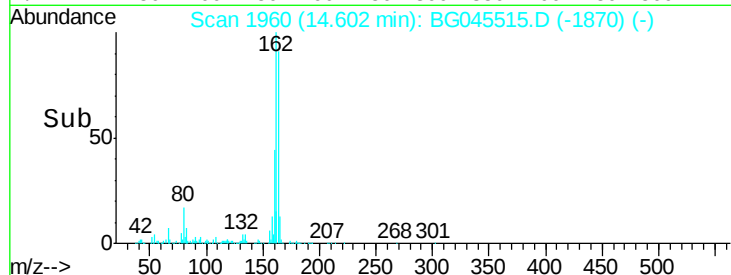
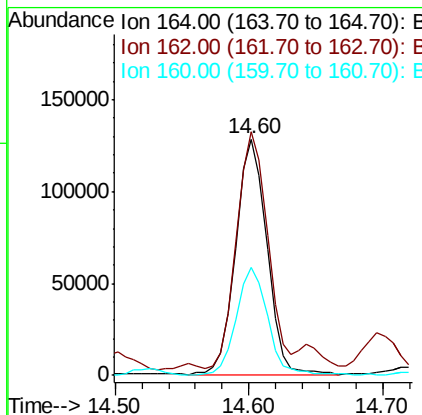
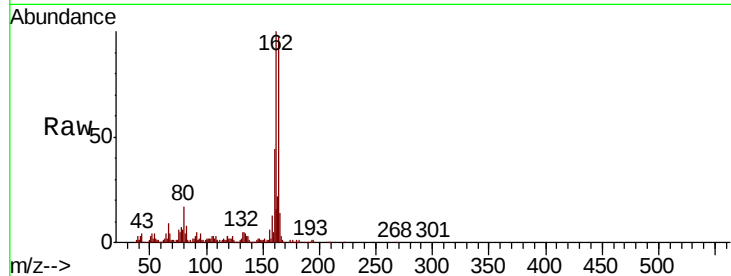
ClientSampleId :

C0AP5

Tot Ion	Ion	Ratio	Lower	Upper
164	100			
162	102.9	76.9	115.3	
160	45.6	33.8	50.8	

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#42

2,4,6-Tribromophenol

Concen: 186.328 ng

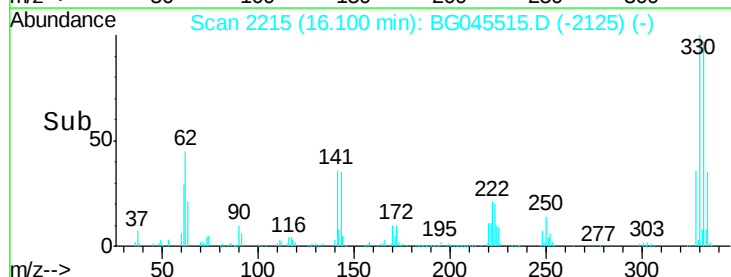
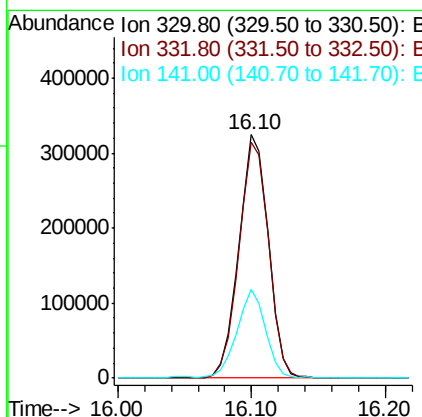
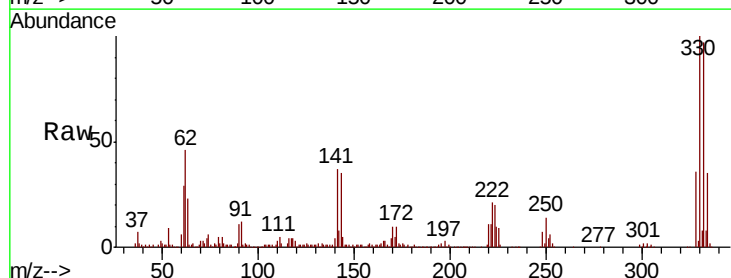
RT: 16.10 min Scan# 2215

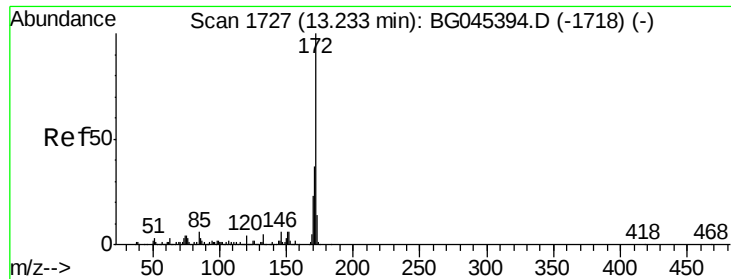
Delta R.T. -0.00 min

Lab File: BG045515.D

Acq: 29 May 2020 6:27

Tgt Ion	Ion	Ratio	Lower	Upper
330	100			
332	97.9	78.2	117.4	
141	35.7	28.2	42.4	





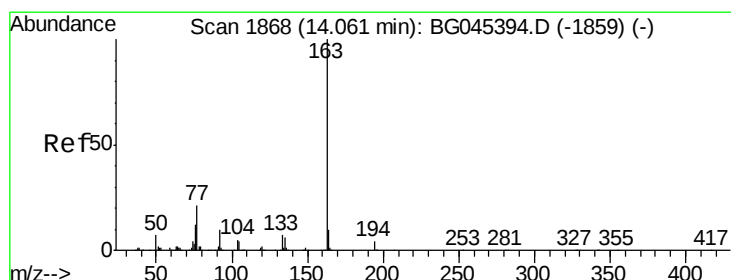
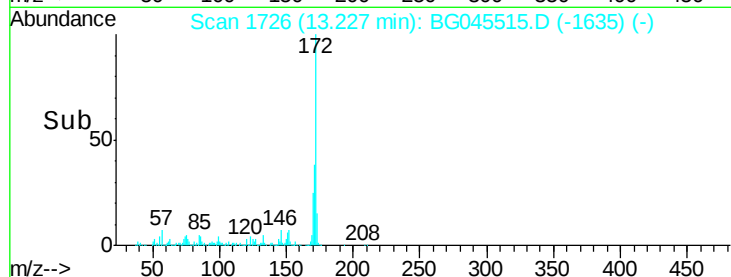
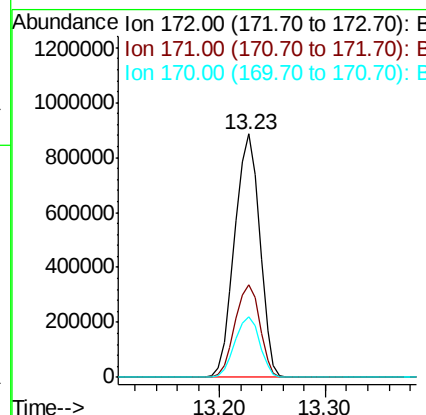
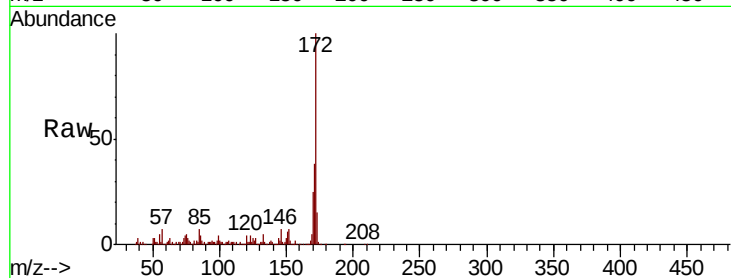
#45
2-Fluorobiphenyl
Concen: 118.873 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.01 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Instrument :
BNA_G
ClientSampleId :
C0AP5

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.5	44.3
170	24.9	18.5	27.7

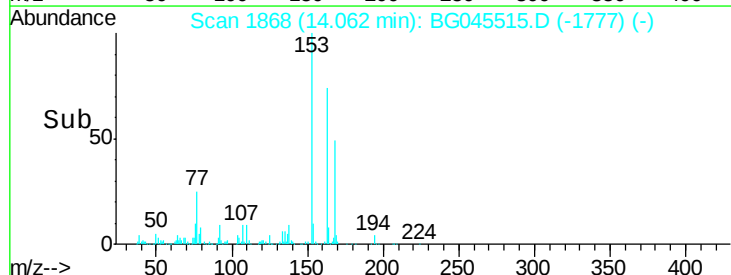
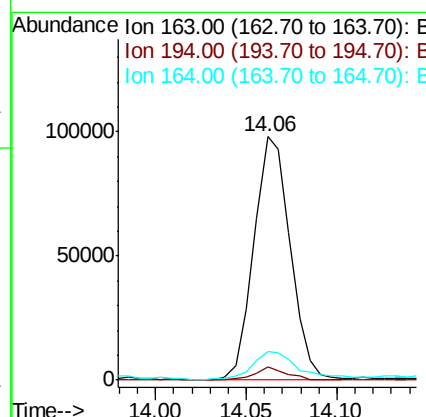
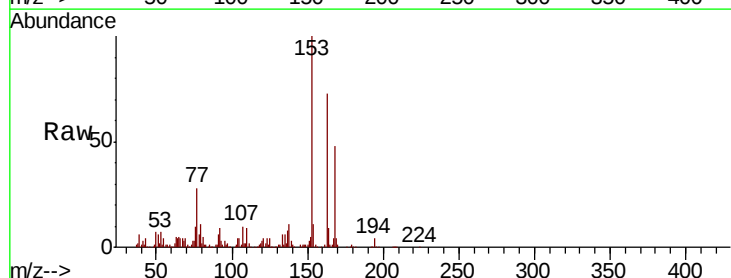
Manual Integrations
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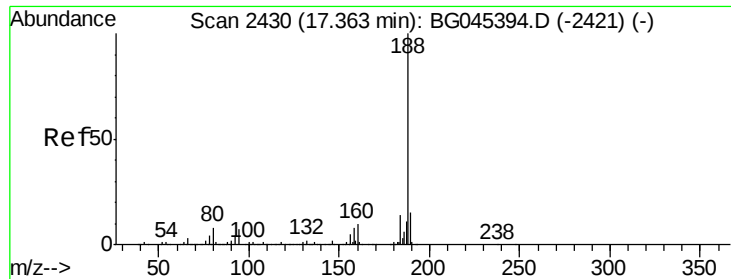
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#50
Dimethylphthalate
Concen: 9.533 ng
RT: 14.06 min Scan# 1868
Delta R.T. 0.01 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.2	4.8#
164	11.9	8.3	12.5





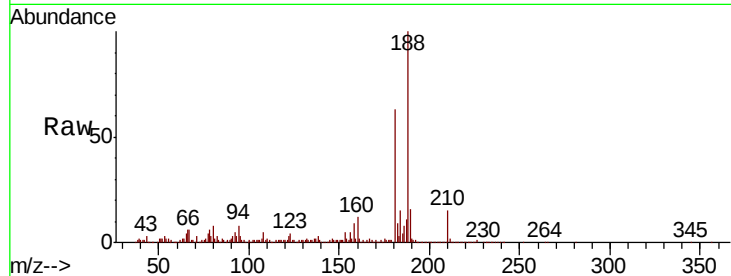
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Instrument :
BNA_G
ClientSampleId :
C0AP5

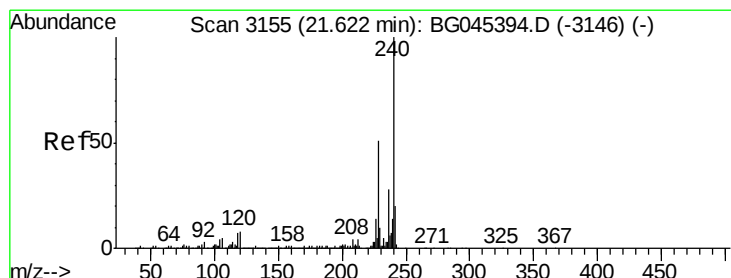
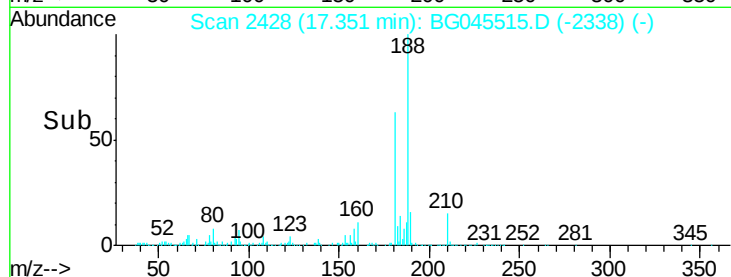
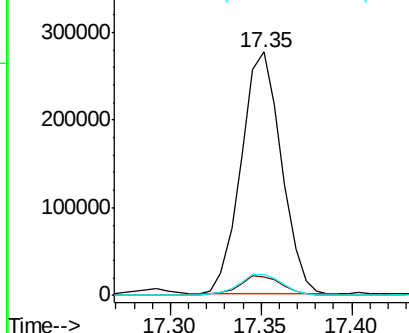
Tot Ion	Ratio	Resp	Lower	Upper
188	100	424546		
94	7.8		5.5	8.3
80	8.5		6.6	10.0

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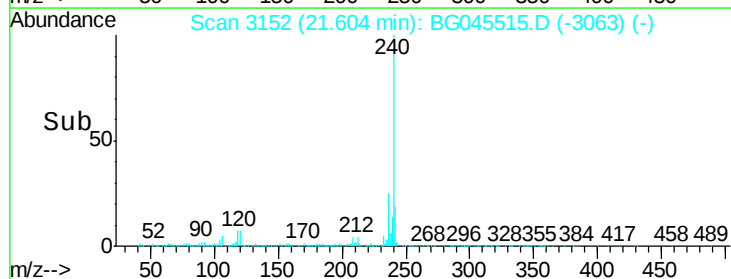
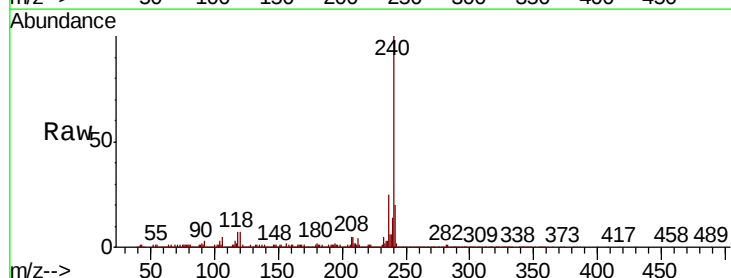
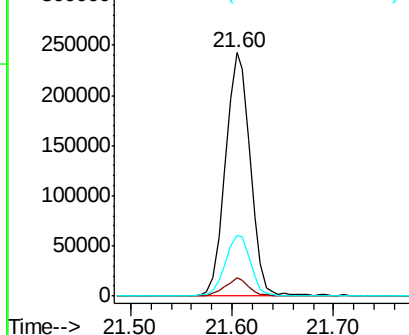
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

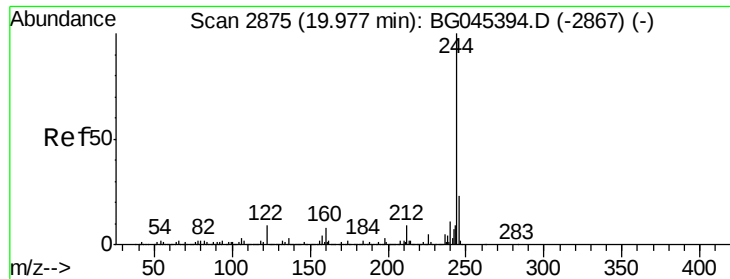


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045515.D
Acq: 29 May 2020 6:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	406747		
120	7.5		6.1	9.1
236	25.1		22.3	33.5

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 122.019 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045515.D

Acq: 29 May 2020 6:27

Instrument :

BNA_G

ClientSampleId :

C0AP5

Tot Ion:244 Resp: 2127988

Ion Ratio Lower Upper

244 100

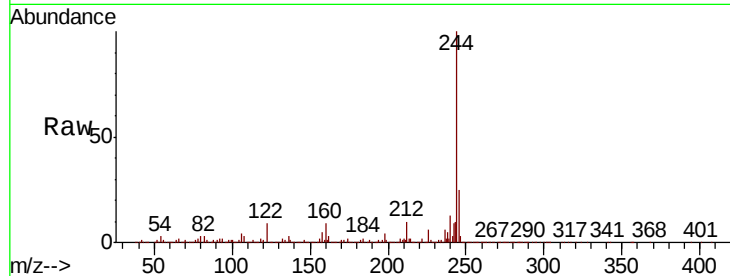
212 10.0 7.4 11.0

122 9.4 6.8 10.2

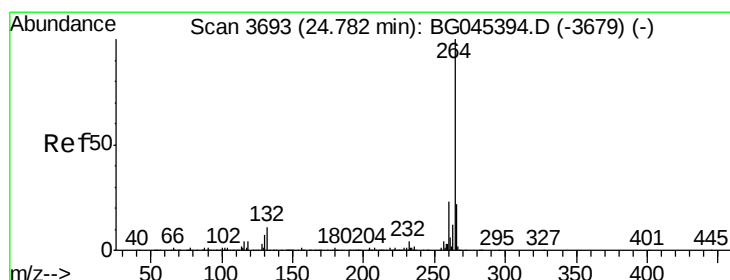
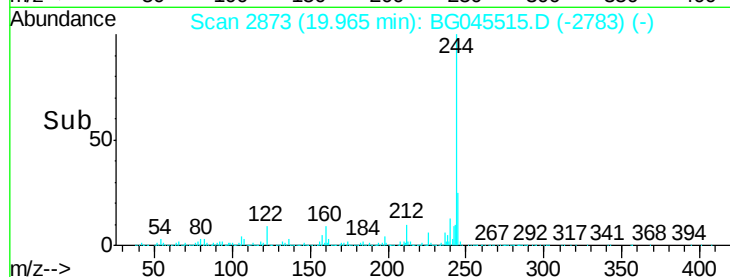
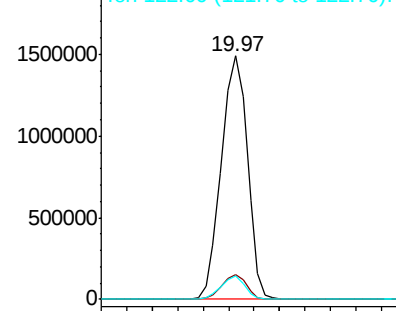
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BG045515.D

Acq: 29 May 2020 6:27

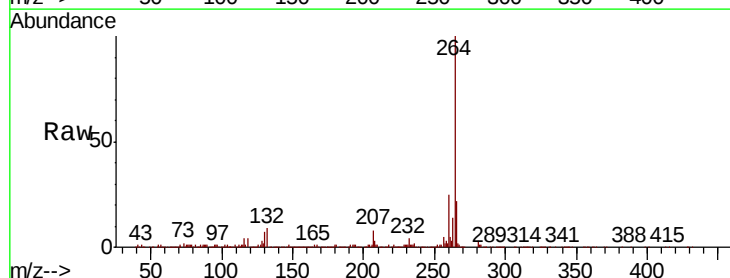
Tgt Ion:264 Resp: 442109

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 22.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
200000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

