

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
 Data File : BG043058.D
 Acq On : 5 Oct 2019 16:48
 Operator : JU
 Sample : K5193-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190881-COMPOSITE-M

Manual Integrations
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Quant Time: Oct 07 09:02:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	64165	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	238016	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	164313	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	386540	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	424103	20.00	ng	-0.02
87) Perylene-d12	24.91	264	501892	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	467682	130.08	ng	-0.01
7) Phenol-d6	7.24	99	643727	124.33	ng	0.00
23) Nitrobenzene-d5	9.22	82	401548	82.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	399012	141.22	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1008109	88.94	ng	-0.02
79) Terphenyl-d14	20.03	244	1920177	96.48	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	36234	7.628	ng	96
32) Benzoic acid	10.17	122	1255m	3.376	ng	
50) Dimethylphthalate	14.13	163	196982	16.000	ng	98

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

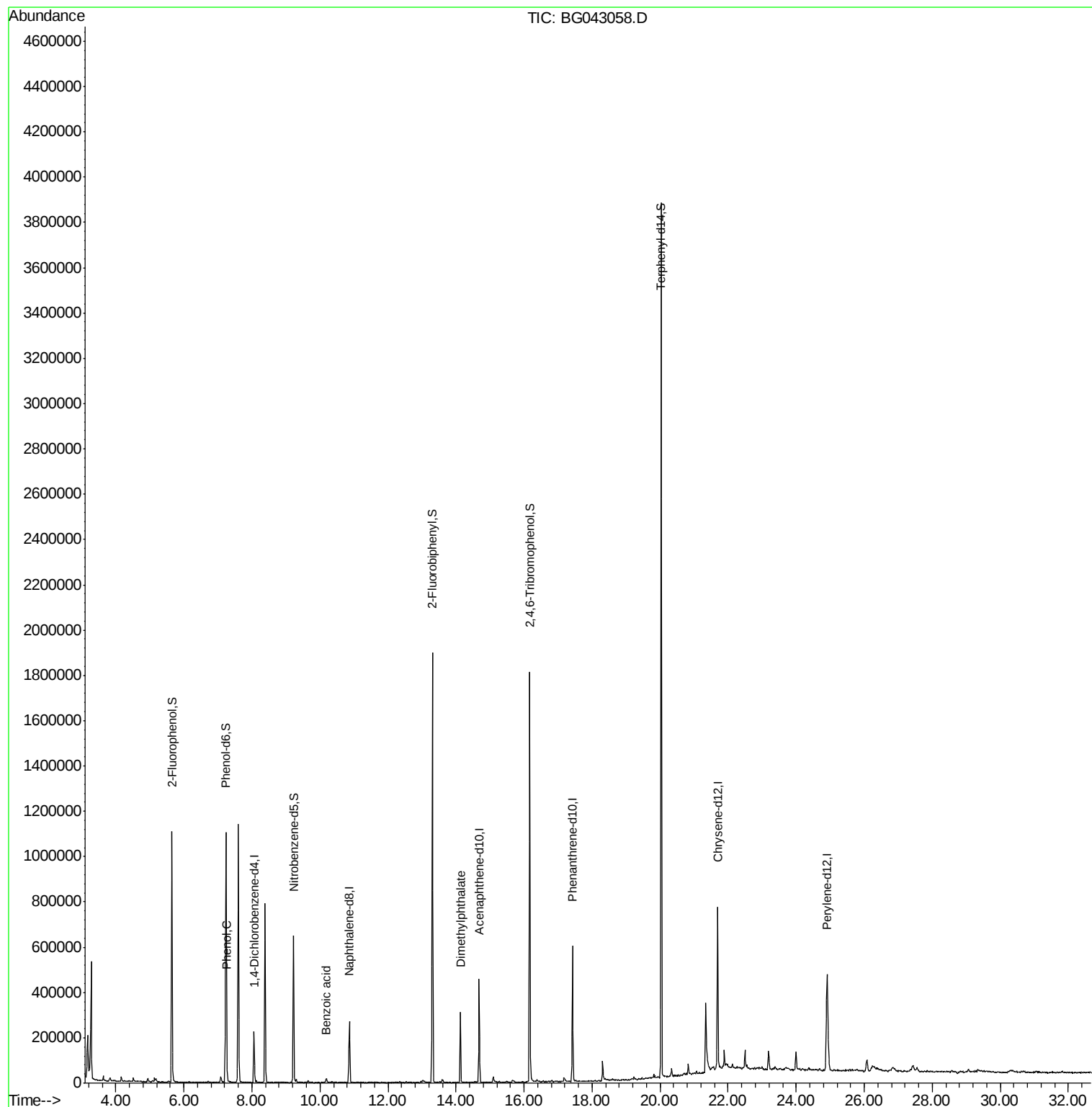
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043058.D
Acq On : 5 Oct 2019 16:48
Operator : JU
Sample : K5193-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

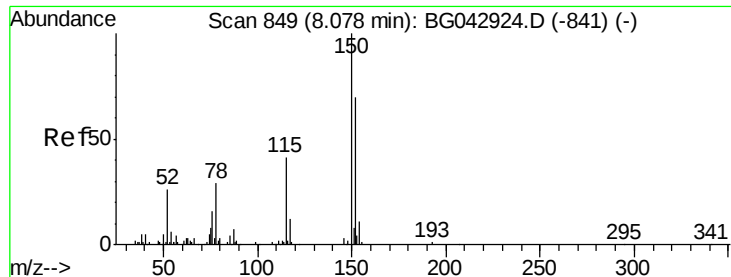
Instrument :
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#1

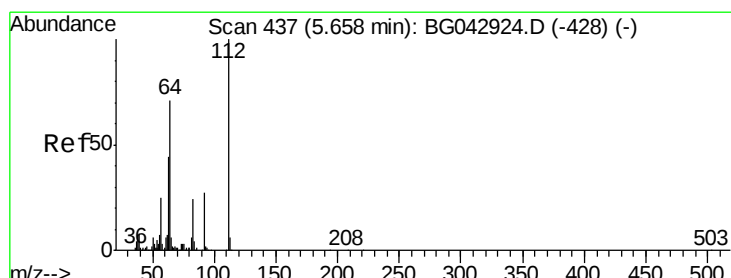
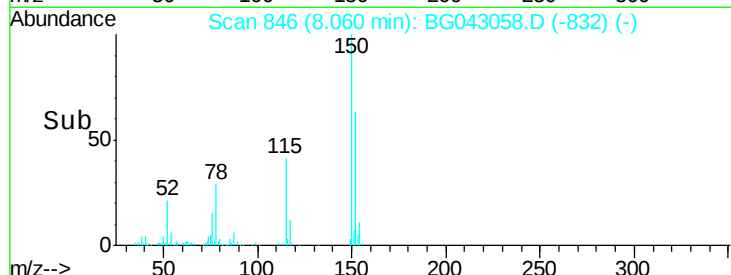
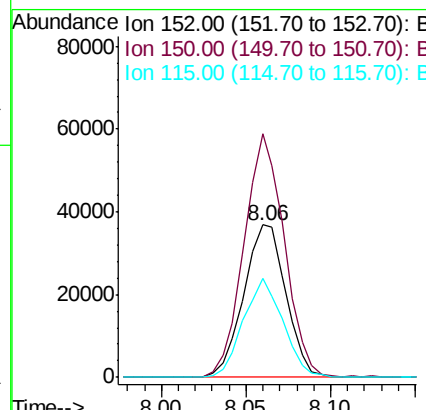
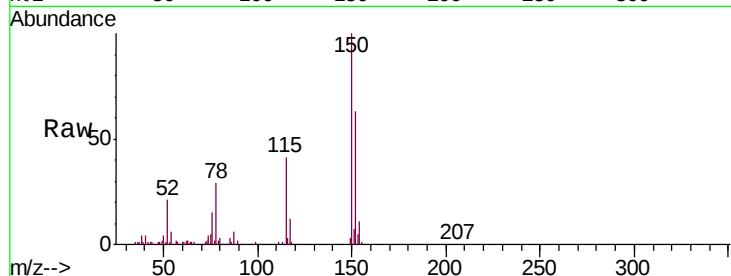
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	115.0	172.4
115	65.2	47.0	70.6

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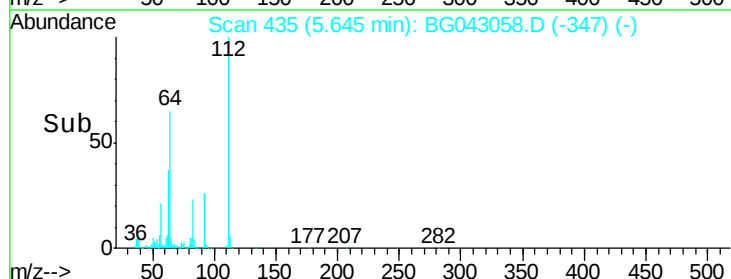
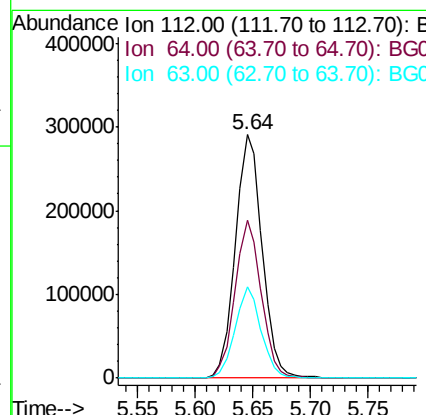
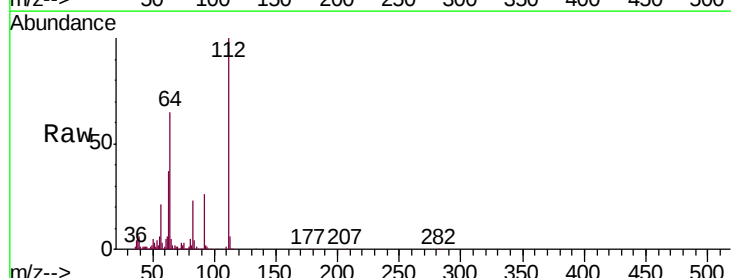
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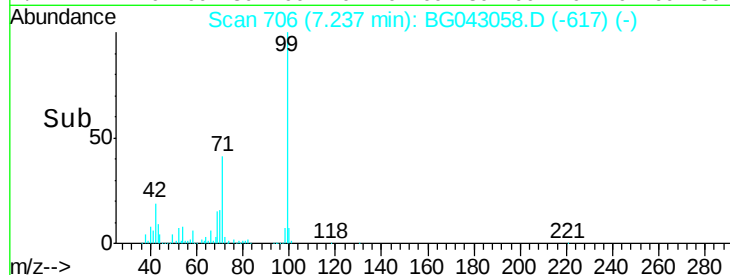
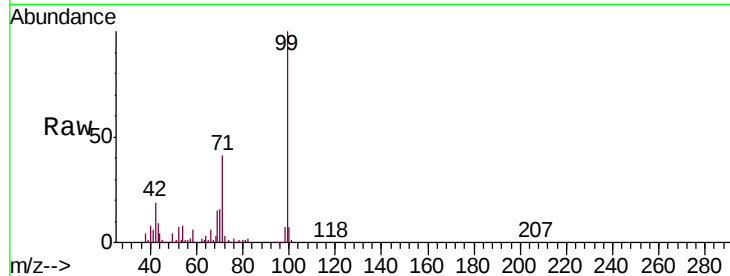


#5

2-Fluorophenol
Concen: 130.076 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	56.6	84.8
63	37.5	35.1	52.7





#7

Phenol-d6

Concen: 124.328 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043058.D

Acq: 5 Oct 2019 16:48

Tgt Ion:	99	Resp:	643727
Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.2	25.8
71	41.3	33.1	49.7

Instrument :

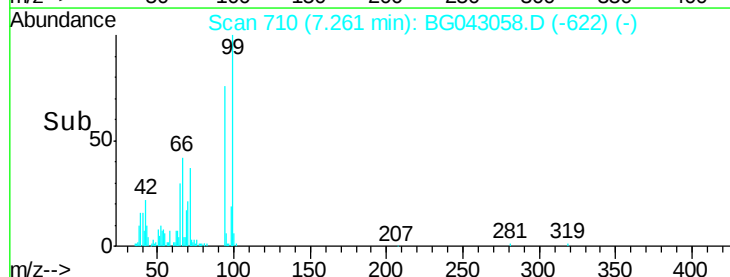
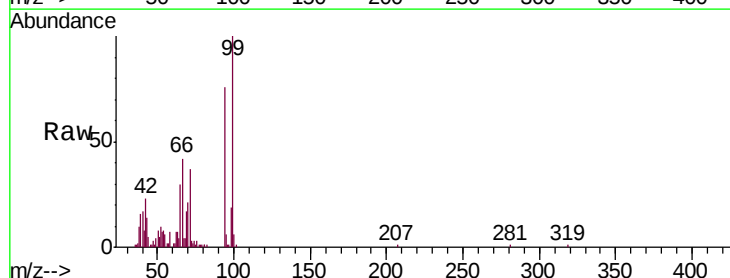
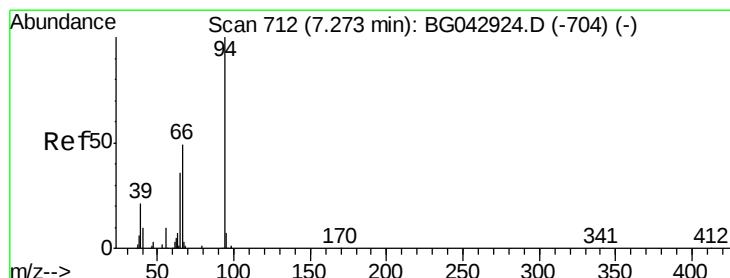
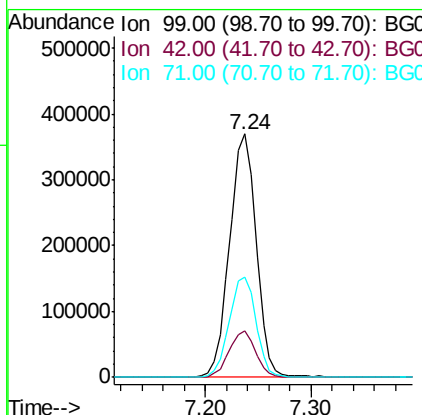
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ClientSampleId :

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#10

Phenol

Concen: 7.628 ng

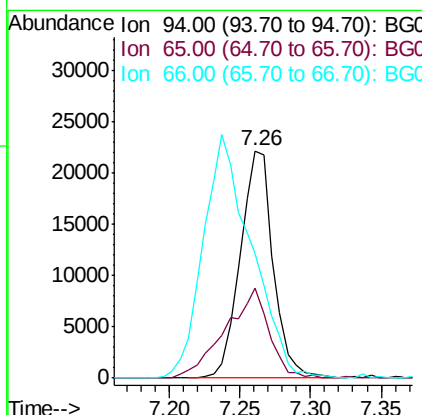
RT: 7.26 min Scan# 710

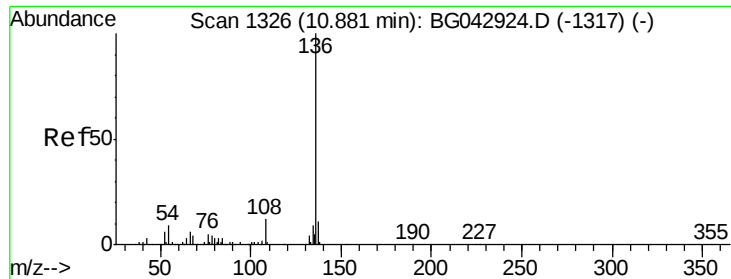
Delta R.T. -0.01 min

Lab File: BG043058.D

Acq: 5 Oct 2019 16:48

Tgt Ion:	94	Resp:	36234
Ion	Ratio	Lower	Upper
94	100		
65	39.4	16.6	56.6
66	55.0	32.4	72.4





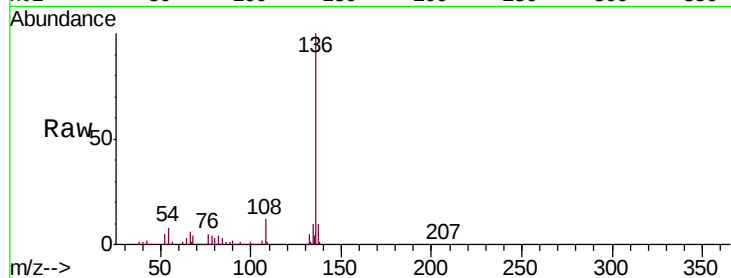
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

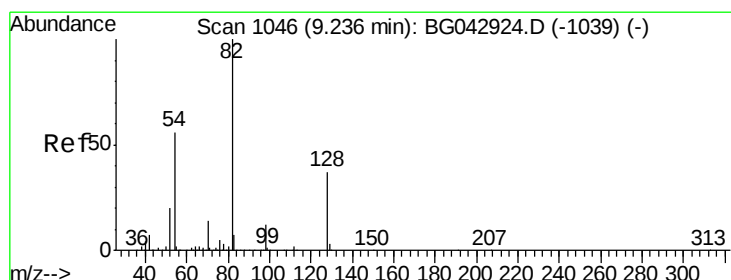
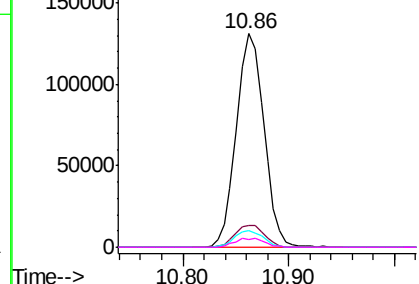
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	238016		
137	10.5	8.5	12.7	
54	7.9	7.4	11.2	
68	3.8	3.6	5.4	

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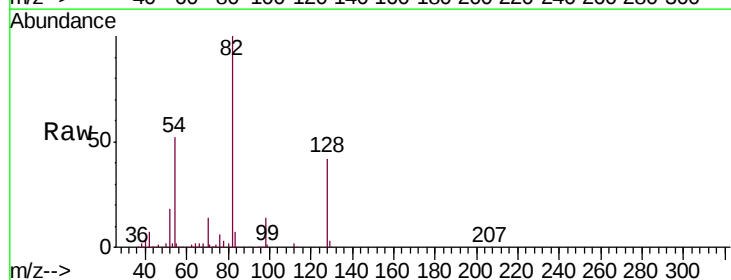


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BGC
100000 Ion 68.00 (67.70 to 68.70): BGC
50000
0

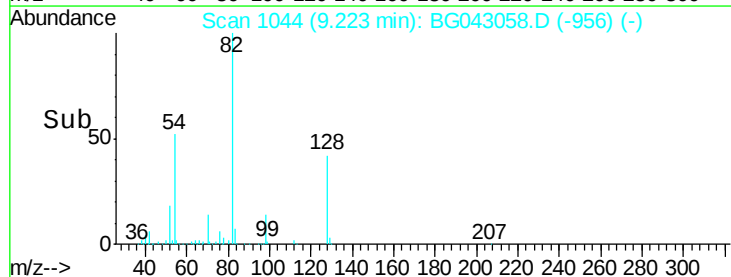
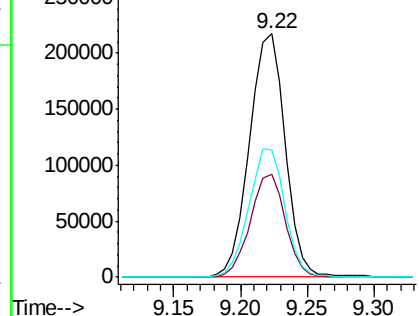


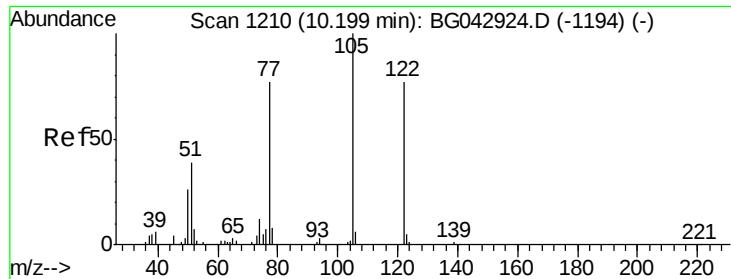
#23
Nitrobenzene-d5
Concen: 82.000 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	401548		
128	42.3	29.5	44.3	
54	52.4	44.6	67.0	



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000 Ion 128.00 (127.70 to 128.70): E
250000 Ion 54.00 (53.70 to 54.70): BGC
200000
150000
100000
50000
0





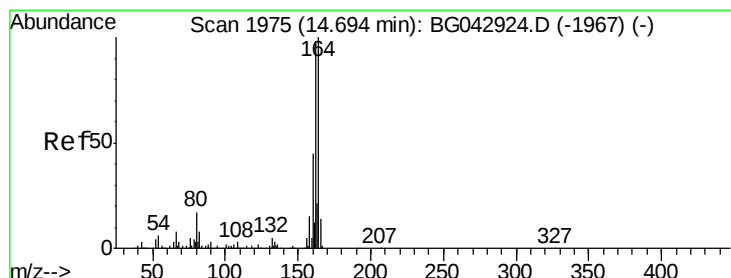
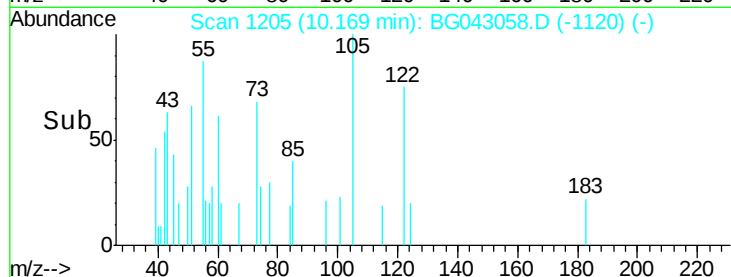
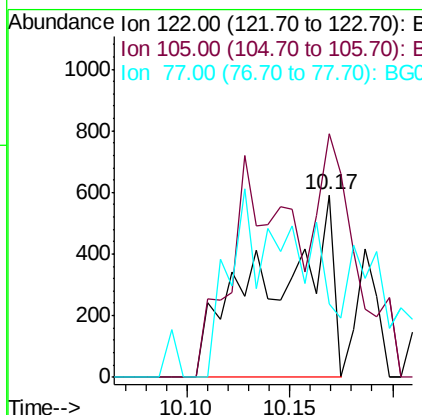
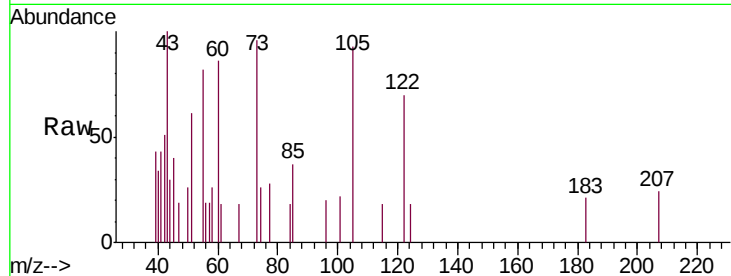
#32
Benzoic acid
Concen: 3.376 ng m
RT: 10.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.7	107.5	147.5
77	40.4	79.8	119.8

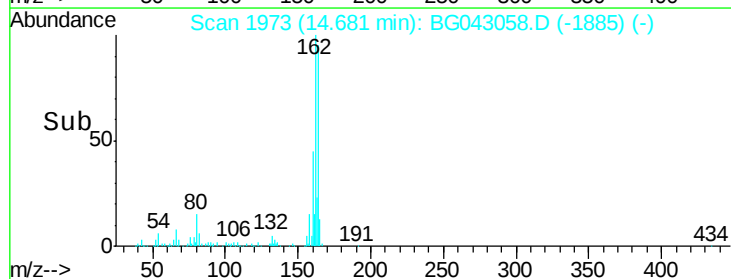
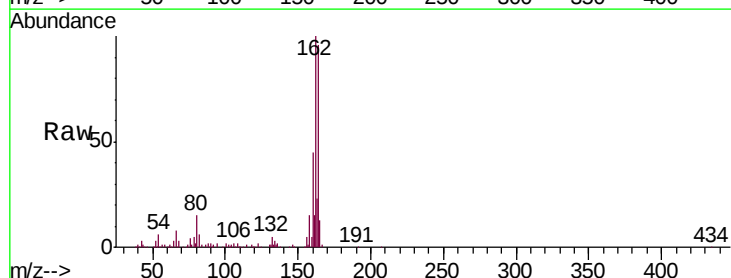
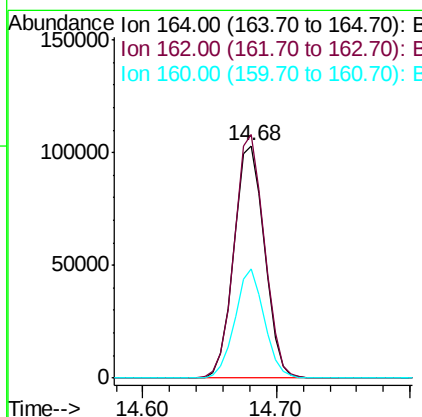
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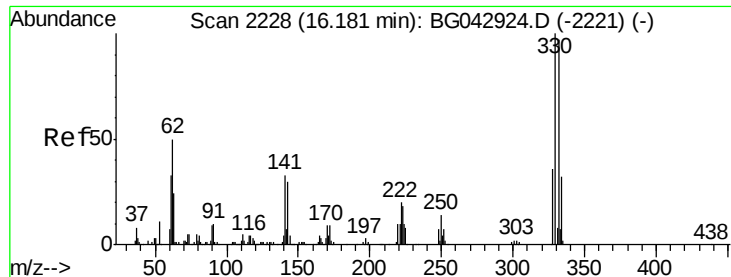
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.5	117.7
160	47.0	35.9	53.9





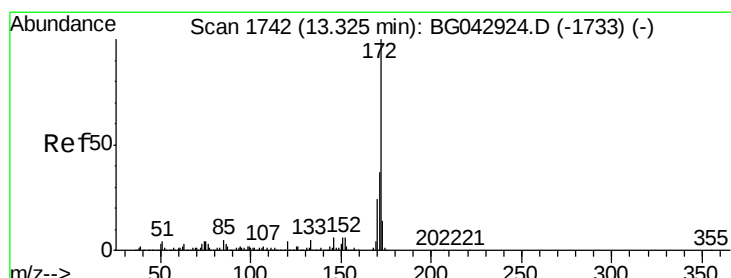
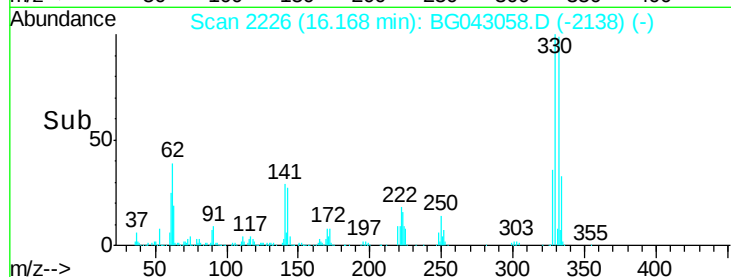
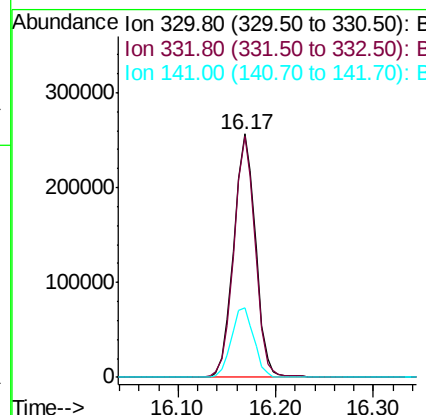
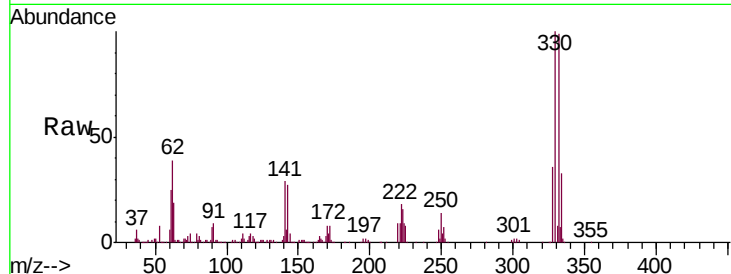
#42
 2,4,6-Tribromophenol
 Concen: 141.220 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG043058.D
 Acq: 5 Oct 2019 16:48

Instrument :
 BNA_G
 ClientSampleId :
 20190881-COMPOSITE-M

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	399012		
332	96.8	78.2	117.2	
141	29.5	26.0	39.0	

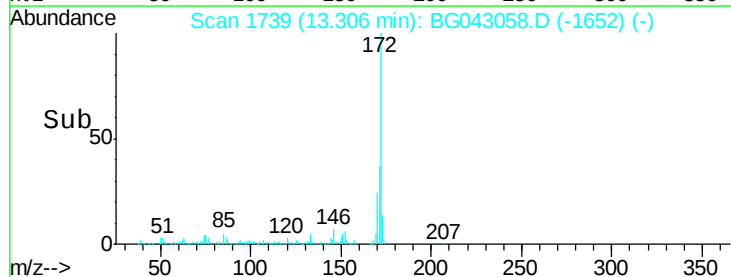
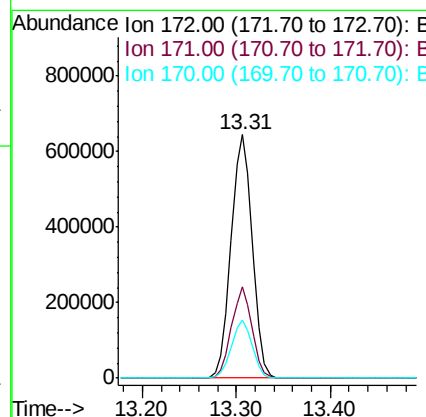
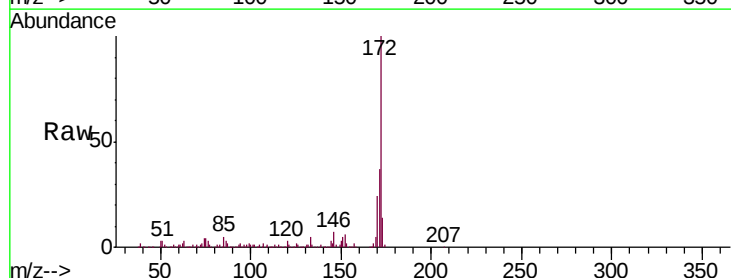
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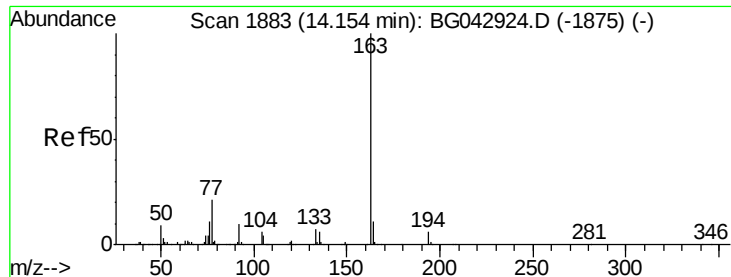
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#45
 2-Fluorobiphenyl
 Concen: 88.943 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043058.D
 Acq: 5 Oct 2019 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1008109		
171	37.3	29.6	44.4	
170	23.8	19.6	29.4	





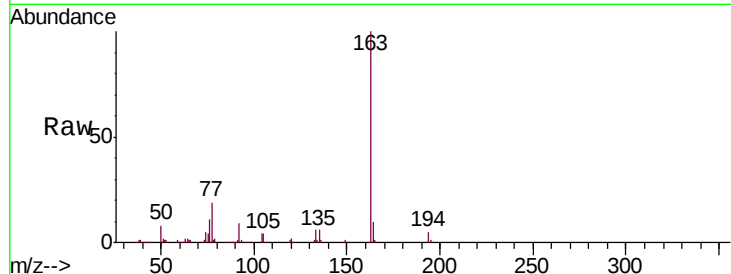
#50
Dimethylphthalate
Concen: 16.000 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

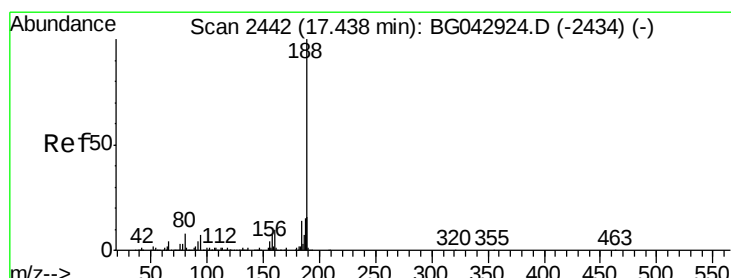
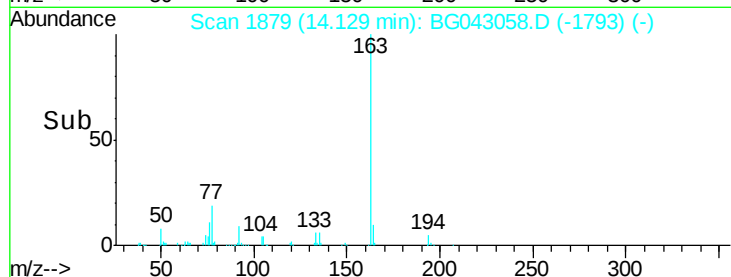
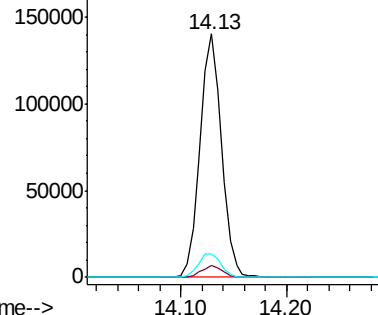
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	196982		
194	5.0	4.4	6.6	
164	9.9	8.6	12.8	

Manual Integrations
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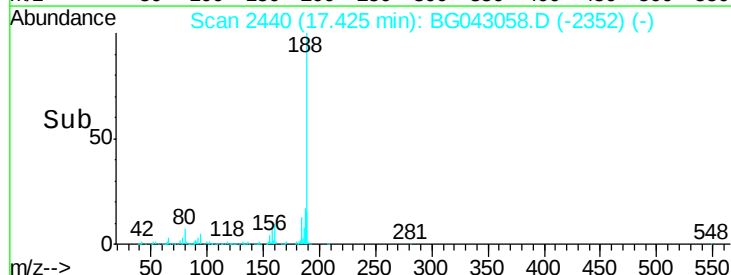
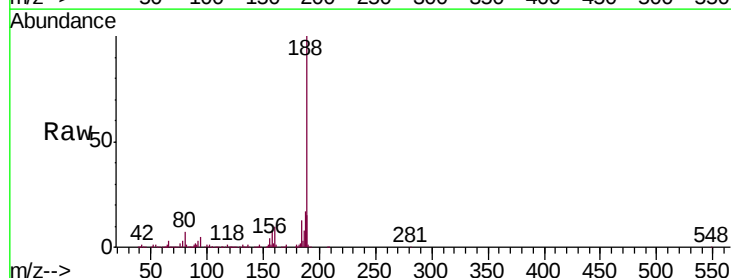
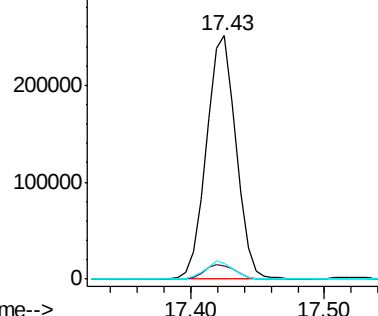
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

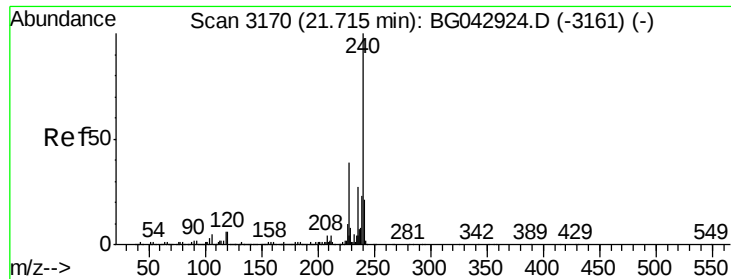


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	386540		
94	5.2	5.7	8.5#	
80	6.7	6.5	9.7	

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





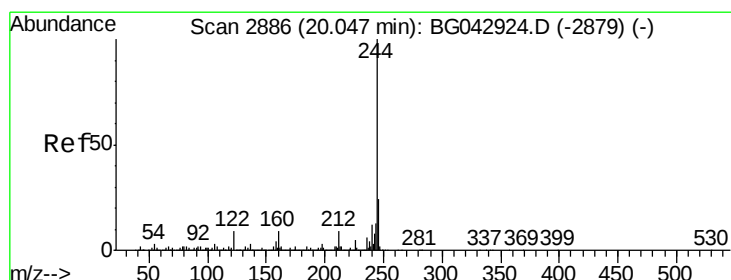
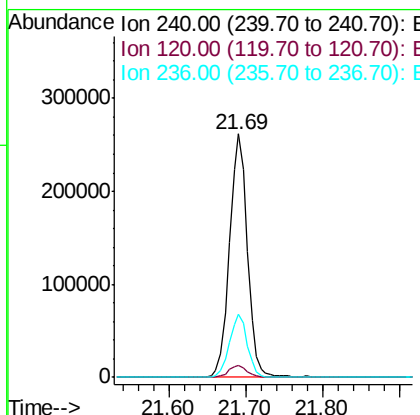
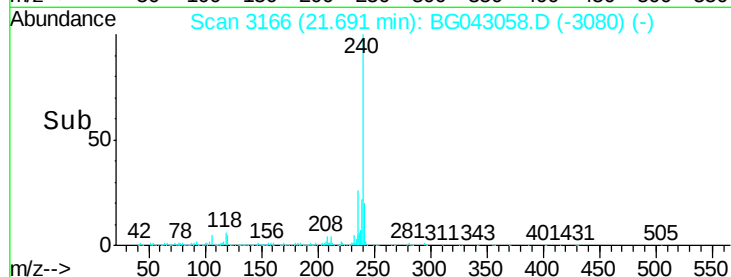
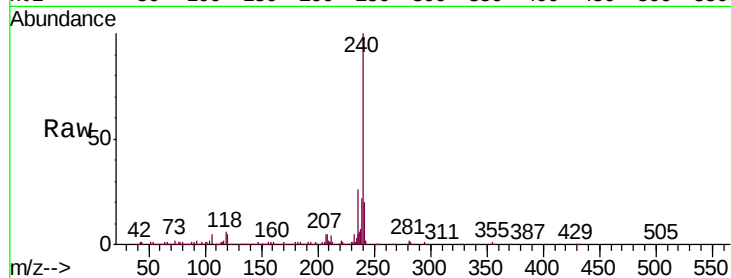
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.02 min
 Lab File: BG043058.D
 Acq: 5 Oct 2019 16:48

Instrument :
 BNA_G
 ClientSampleId :
 20190881-COMPOSITE-M

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.8	7.2
236	26.2	21.4	32.0

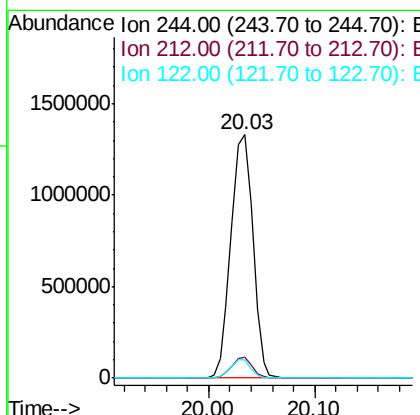
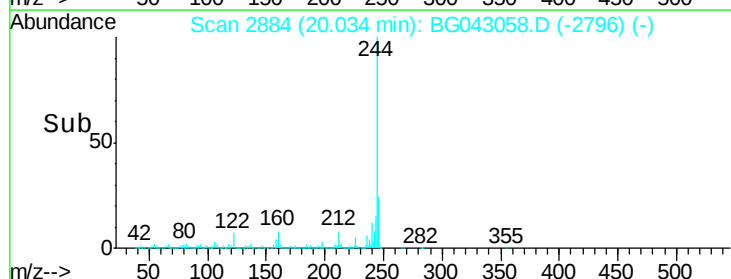
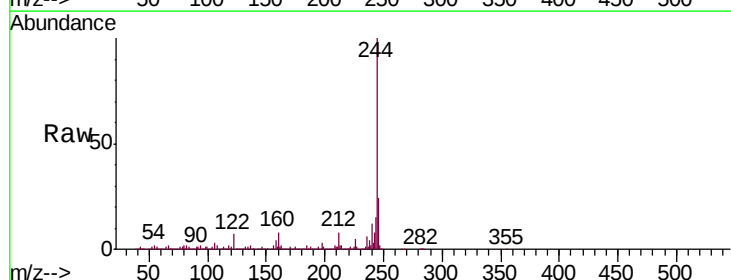
Manual Integrations
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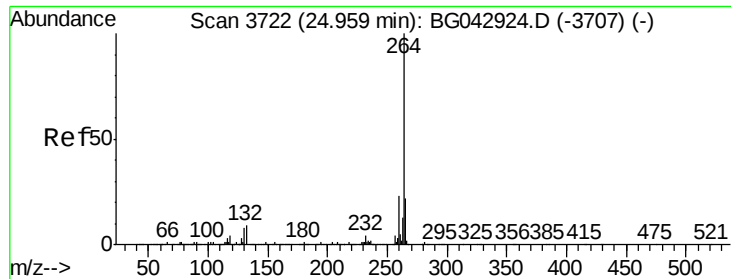
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#79
 Terphenyl-d14
 Concen: 96.478 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG043058.D
 Acq: 5 Oct 2019 16:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.0
122	7.4	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043058.D
Acq: 5 Oct 2019 16:48

Instrument :
BNA_G
ClientSampleId :
20190881-COMPOSITE-M

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	18.7	28.1
265	21.3	17.7	26.5

Manual Integrations
APPROVED

mohammad
10/7/2019 4:39:13 PM

