

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044677.D
 Acq On : 4 Mar 2020 00:49
 Operator : CG/JU
 Sample : L1769-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Manual Integrations
 APPROVED

mohammad
 3/4/2020 2:48:02 PM

Quant Time: Mar 04 04:48:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	81616m	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	343217	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	217996	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	448640	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	408834	20.00	ng	-0.06
87) Perylene-d12	24.46	264	478152	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	217212	42.70	ng	-0.06
7) Phenol-d6	6.99	99	295881	42.49	ng	-0.06
23) Nitrobenzene-d5	8.96	82	176367	26.47	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	118466	38.33	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	433463	28.47	ng	-0.06
79) Terphenyl-d14	19.82	244	648972	30.05	ng	-0.06
Target Compounds						
50) Dimethylphthalate	13.91	163	59533	3.383	ng	99
75) Fluoranthene	19.26	202	63258	2.151	ng	98
78) Pyrene	19.62	202	67234	2.265	ng	99

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

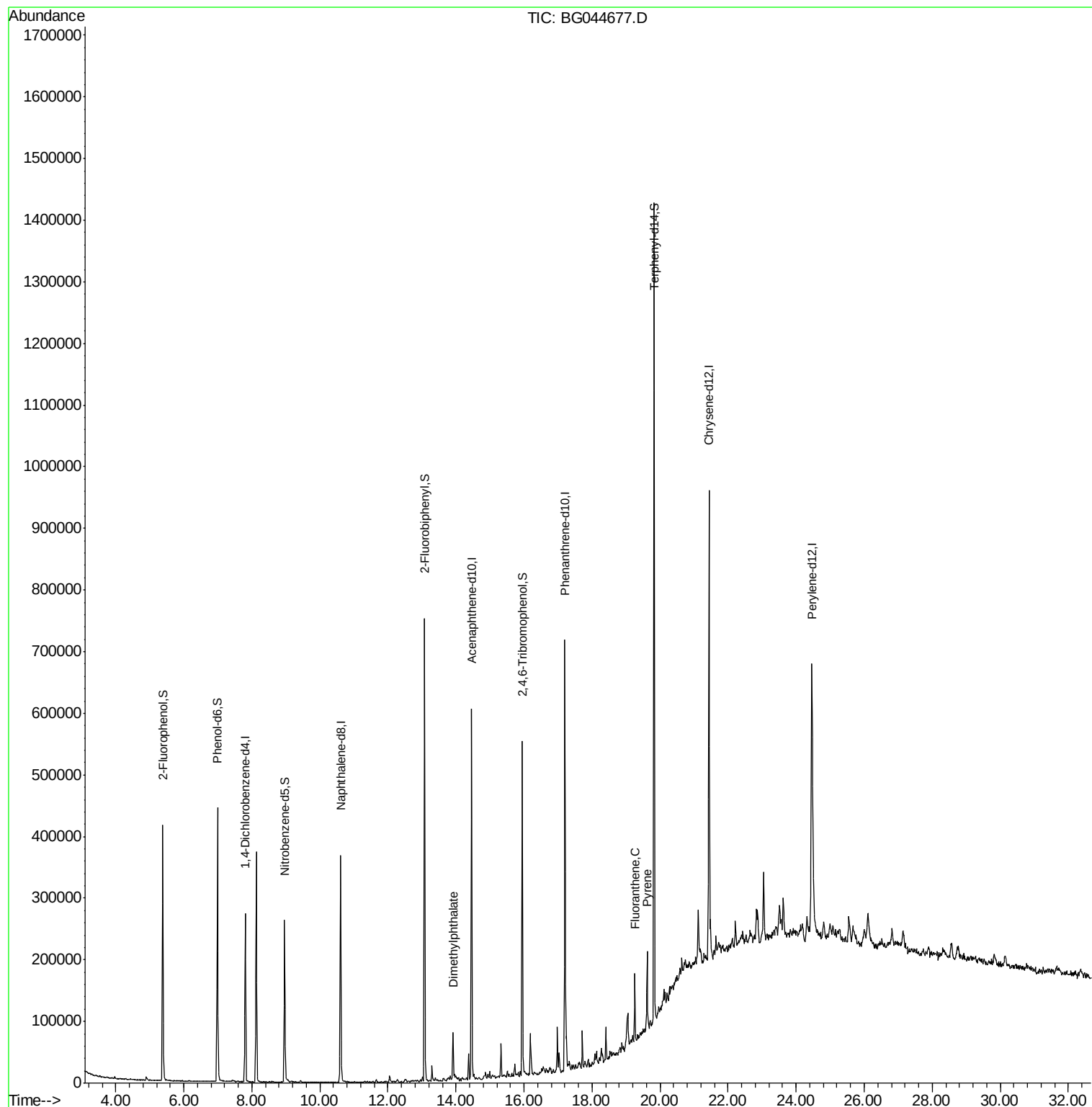
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044677.D
Acq On : 4 Mar 2020 00:49
Operator : CG/JU
Sample : L1769-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

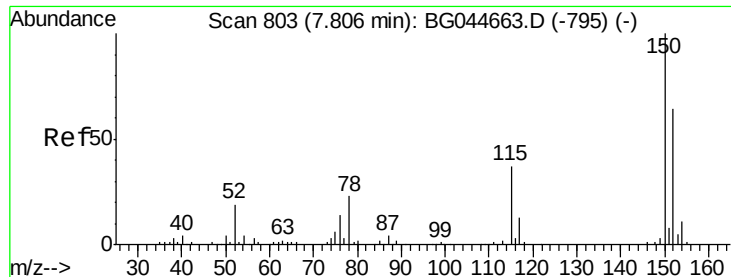
Instrument :
BNA_G
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SP-1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
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#1

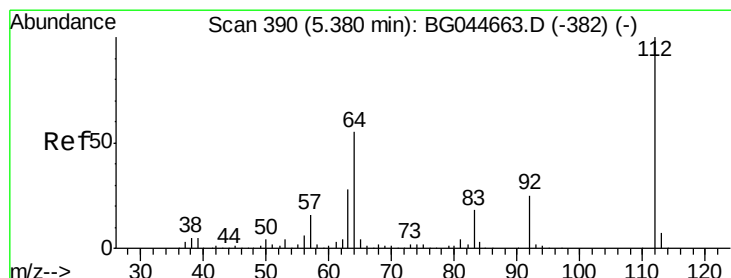
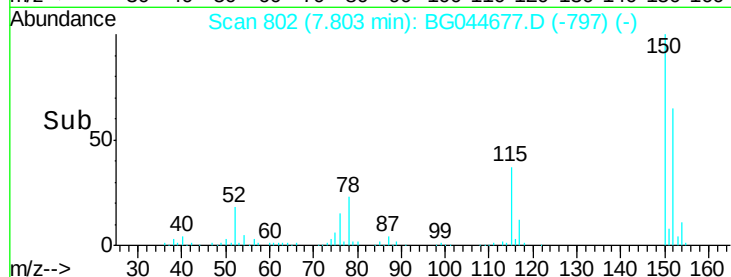
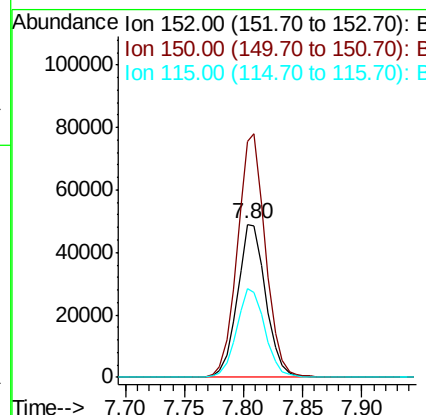
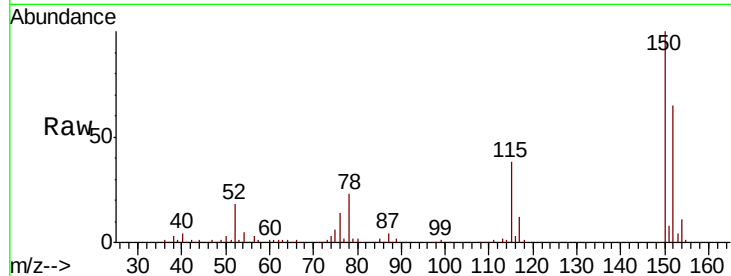
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 7.80 min Scan# 802
Delta R.T. -0.07 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Instrument :
BNA_G
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	128.9	193.3
115	57.9	47.0	70.4

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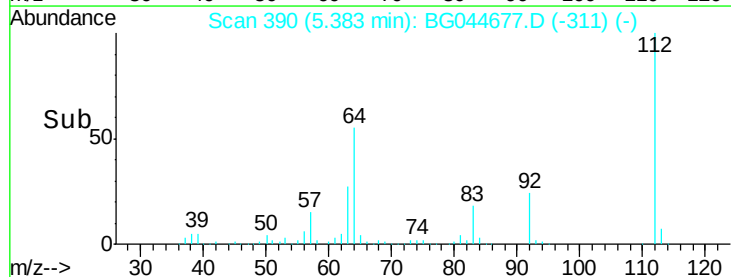
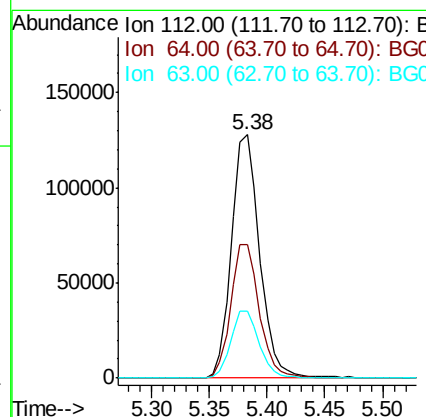
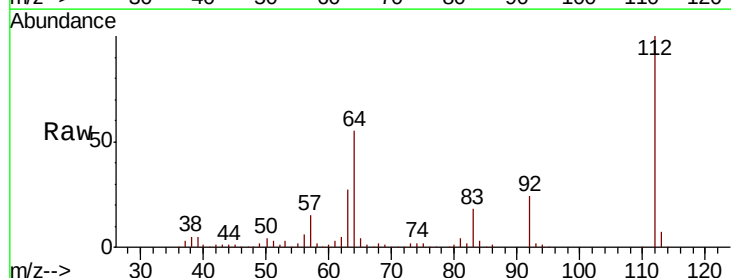
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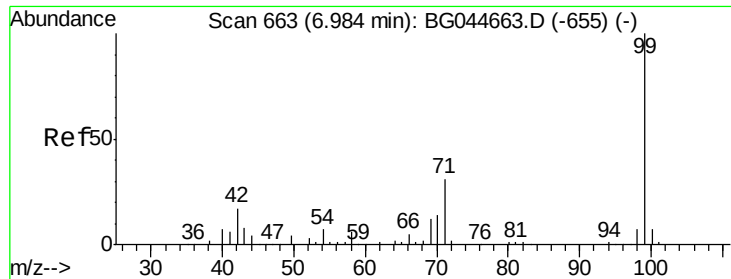


#5

2-Fluorophenol
Concen: 42.701 ng/ml
RT: 5.38 min Scan# 390
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	44.8	67.2
63	27.3	22.3	33.5





#7

Phenol-d6

Concen: 42.494 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.06 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Instrument :

BNA_G

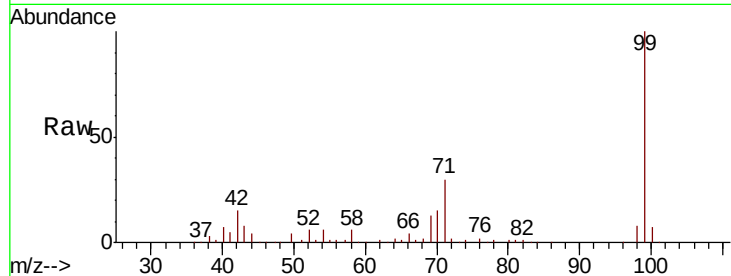
ClientSampled :

SP-1

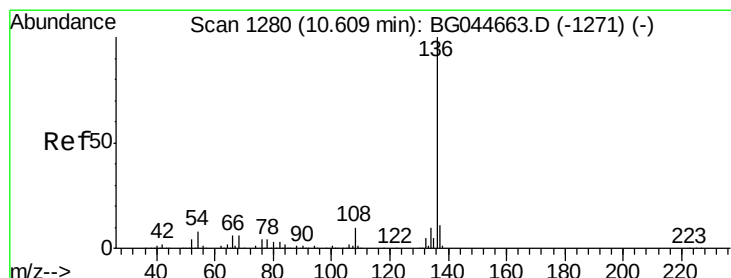
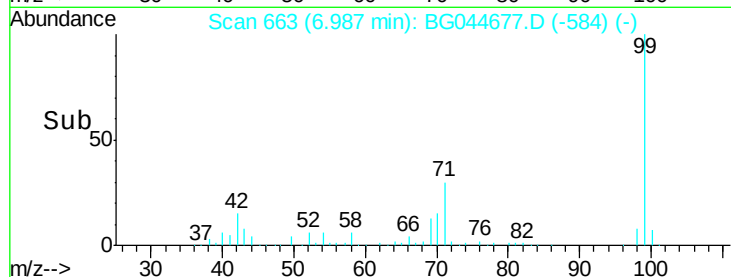
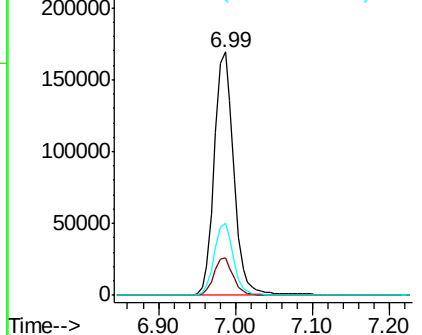
Tot Ion:	99	Resp:	295881
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.8	19.2
71	29.8	24.4	36.6

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1279

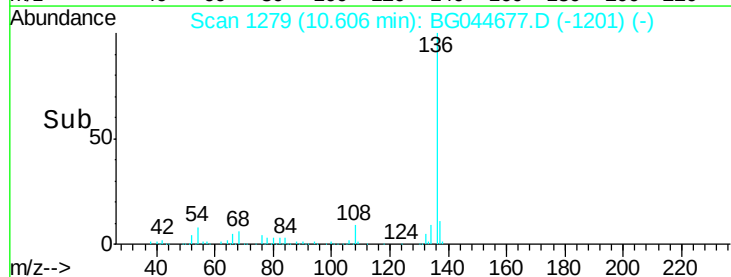
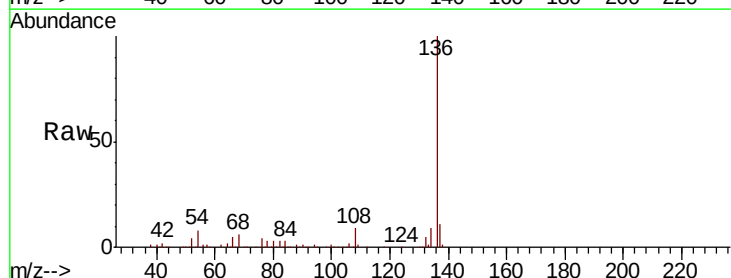
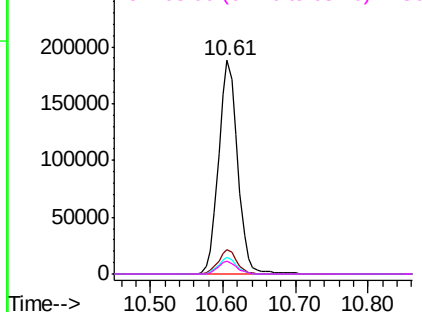
Delta R.T. -0.07 min

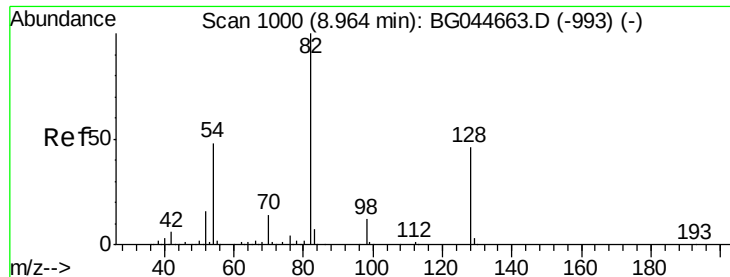
Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Tgt Ion:	136	Resp:	343217
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.7	5.7	8.5
68	6.2	4.5	6.7

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





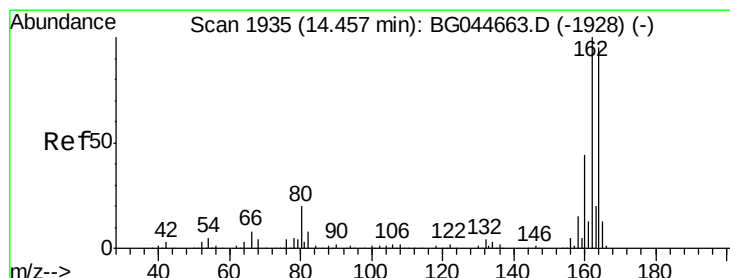
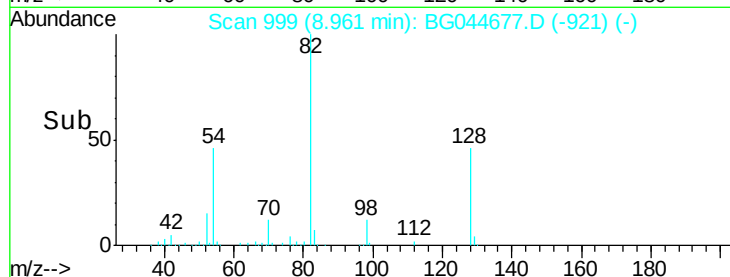
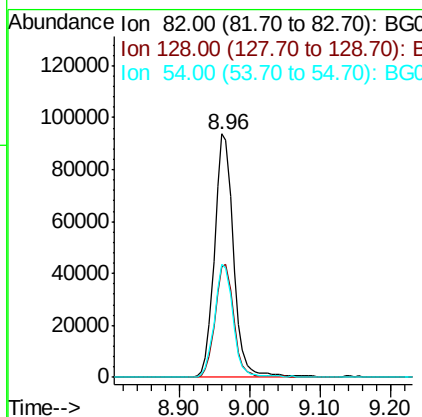
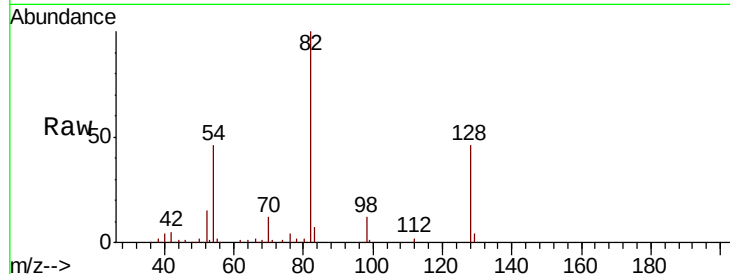
#23
Nitrobenzene-d5
Concen: 26.473 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Instrument :
BNA_G
ClientSampled :
SP-1

Tot Ion	82	Resp	176367
Ion Ratio	100	Lower	Upper
82	100		
128	45.5	38.1	57.1
54	46.5	37.5	56.3

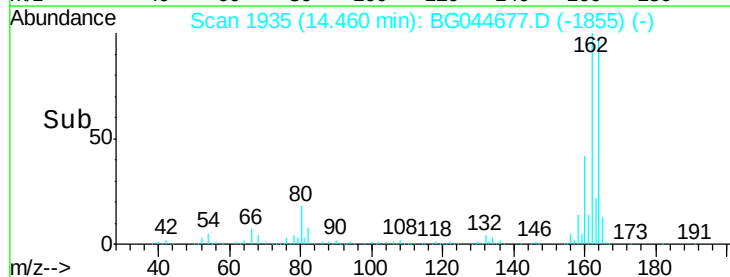
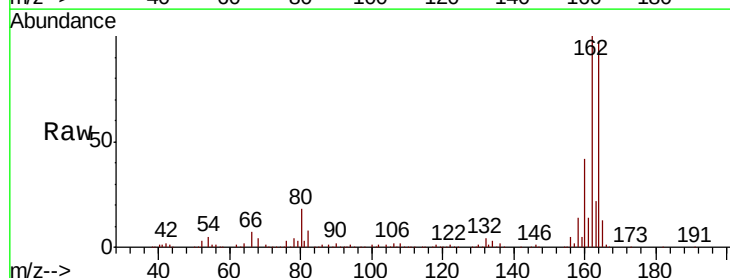
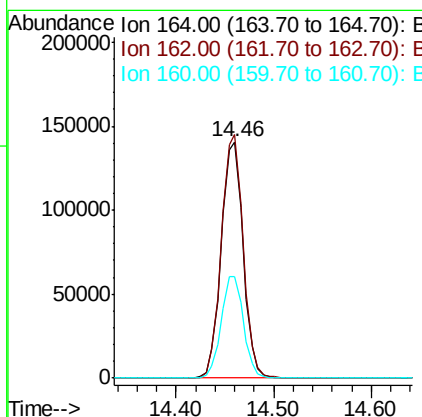
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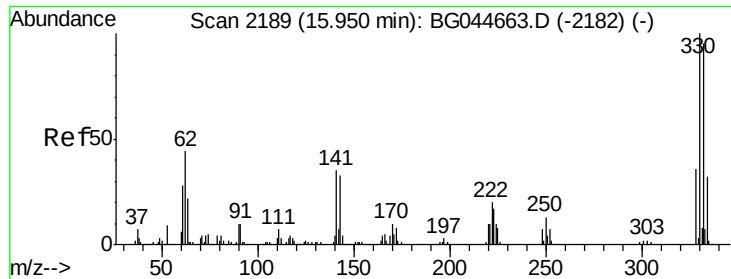
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Tgt Ion	164	Resp	217996
Ion Ratio	100	Lower	Upper
164	100		
162	103.0	83.6	125.4
160	43.2	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 38.326 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Instrument :

BNA_G

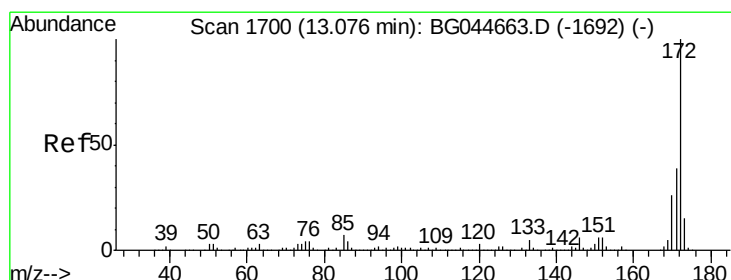
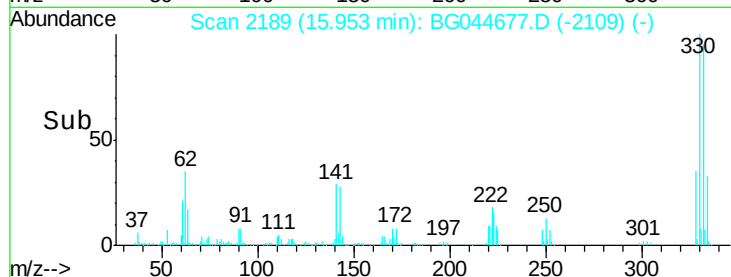
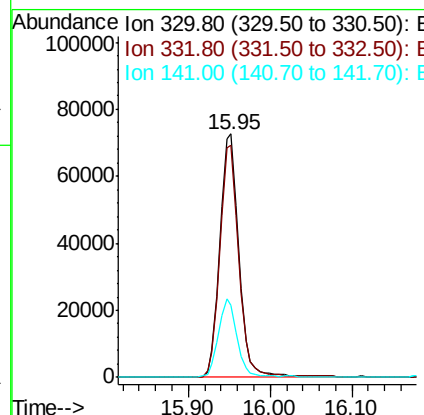
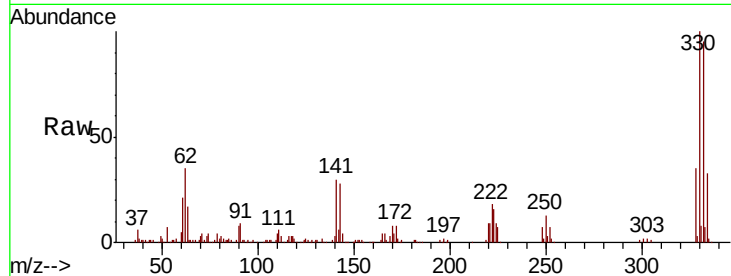
ClientSampled :

SP-1

Tot Ion:	330	Resp:	118466
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.4	116.0
141	31.4	26.1	39.1

Manual Integrations
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#45

2-Fluorobiphenyl

Concen: 28.474 ng

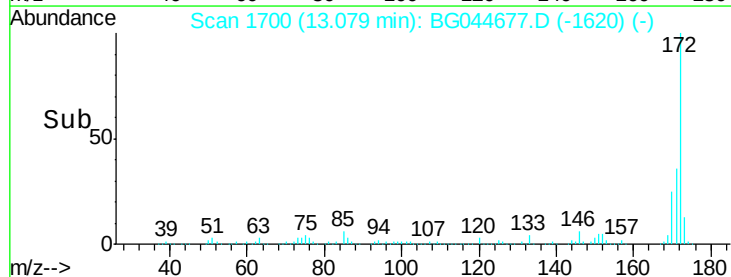
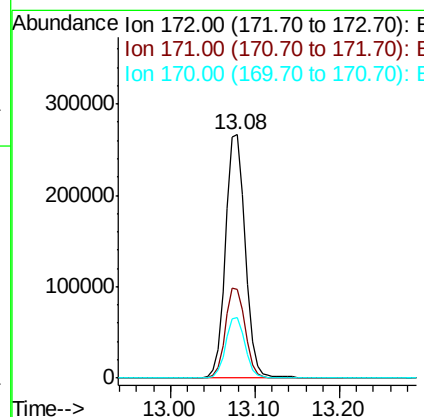
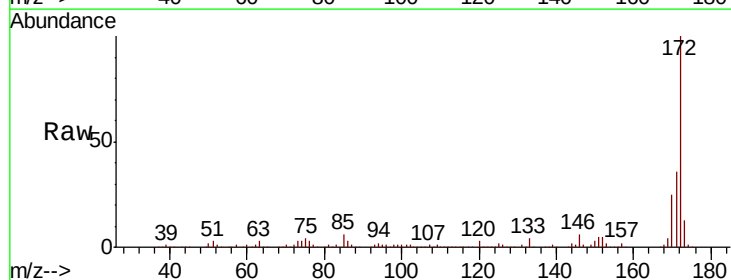
RT: 13.08 min Scan# 1700

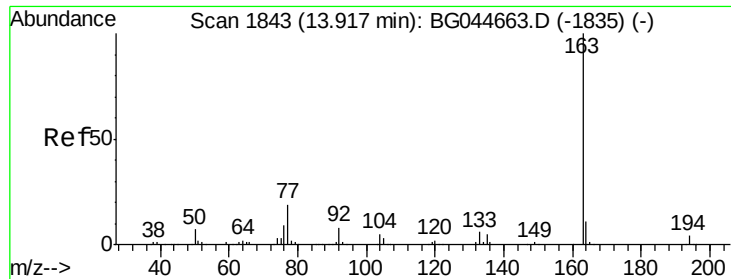
Delta R.T. -0.06 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Tgt Ion:	172	Resp:	433463
Ion Ratio	Lower	Upper	
172	100		
171	36.5	31.3	46.9
170	25.0	21.0	31.4





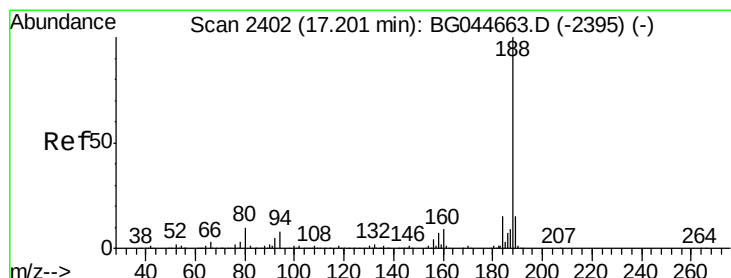
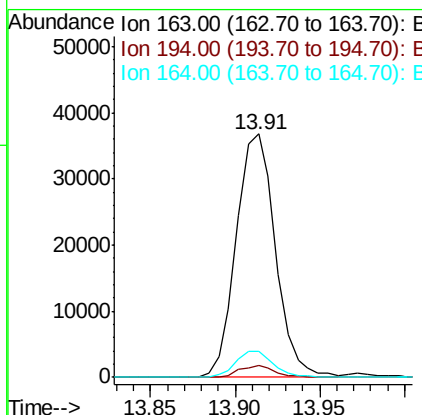
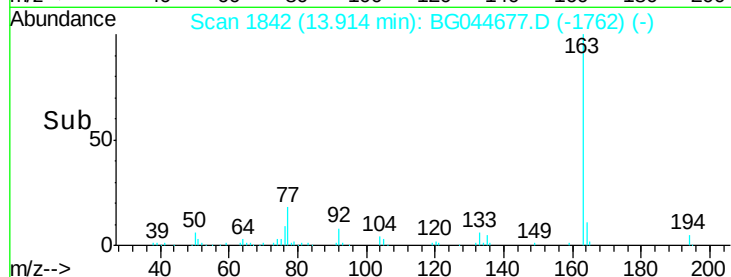
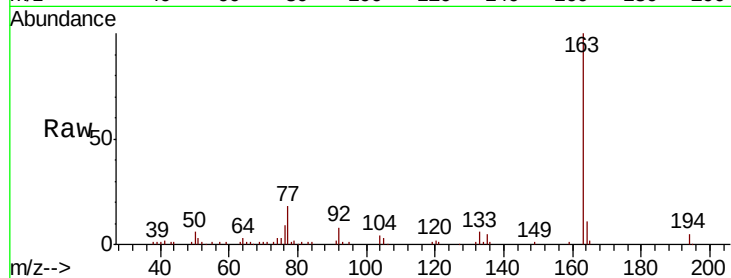
#50
Dimethylphthalate
Concen: 3.383 ng
RT: 13.91 min Scan# 1842
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Instrument :
BNA_G
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	10.9	8.7	13.1

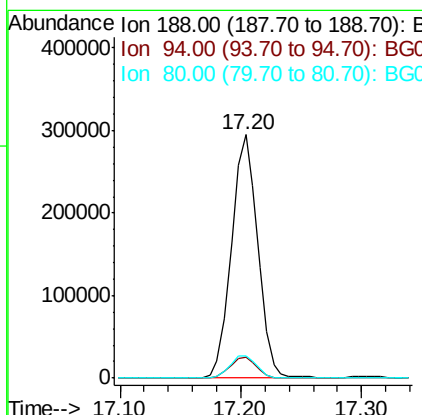
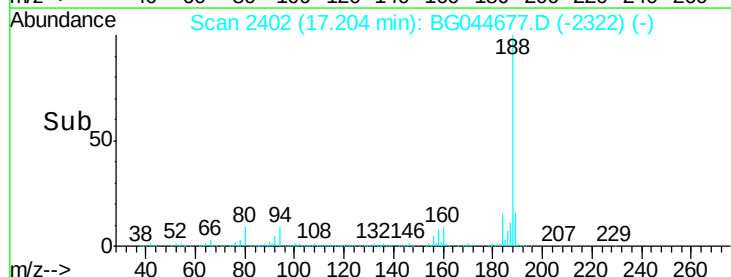
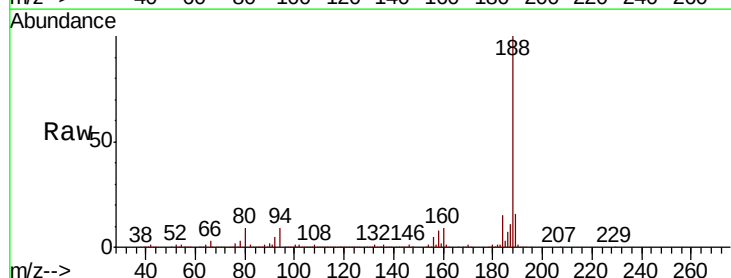
Manual Integrations
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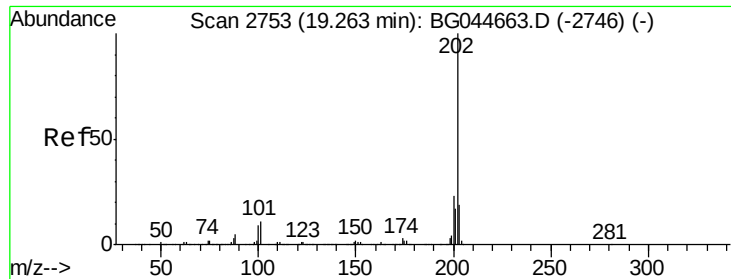
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.2	7.6	11.4





#75

Fluoranthene

Concen: 2.151 ng

RT: 19.26 min Scan# 2752

Delta R.T. -0.05 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Instrument :

BNA_G

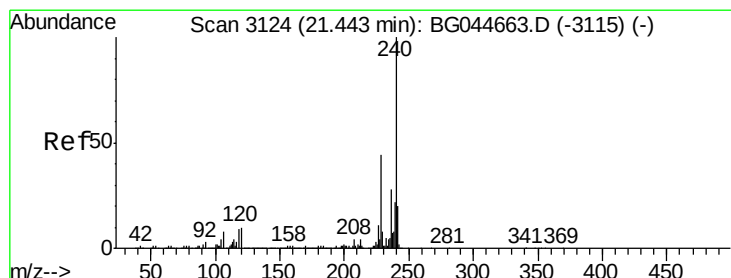
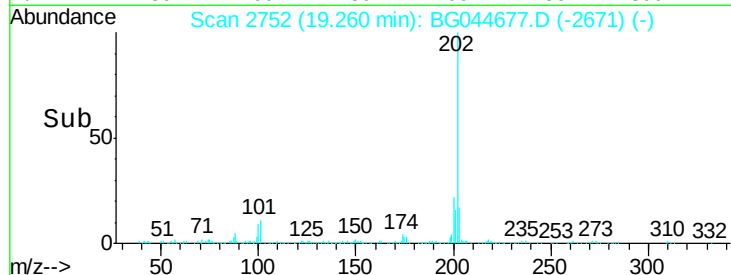
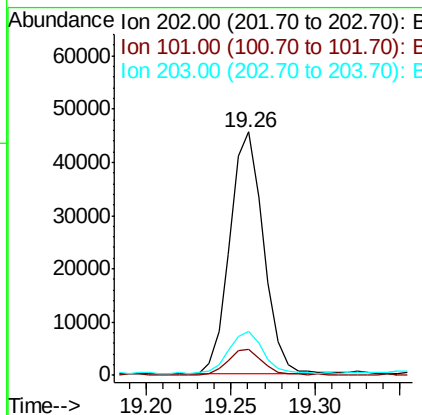
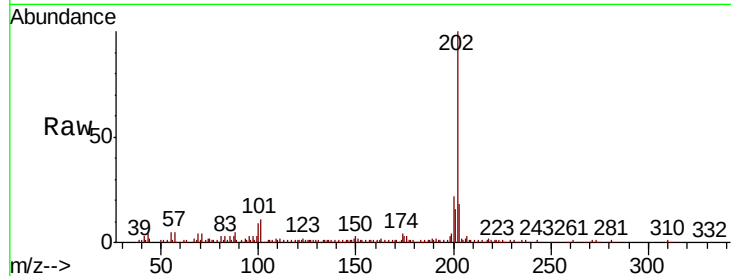
ClientSampleId :

SP-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	31.0
203	18.1	0.0	39.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

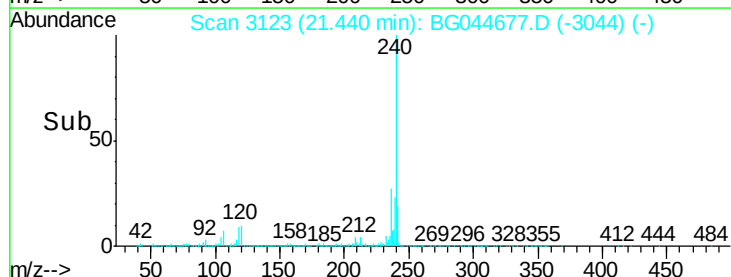
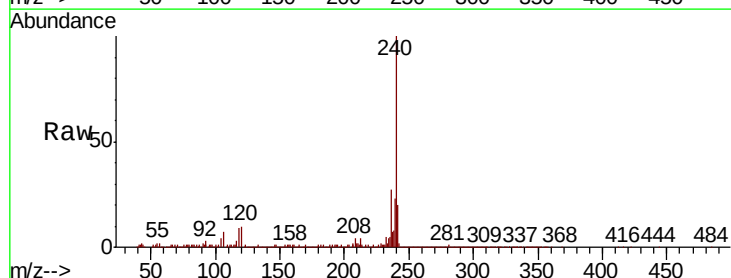
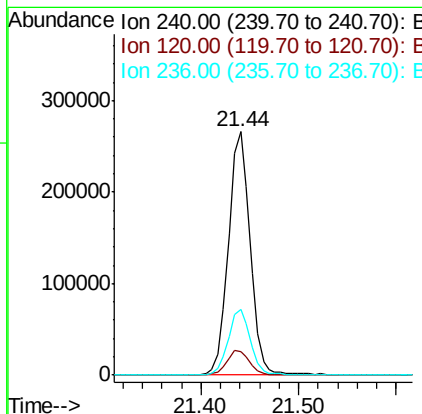
RT: 21.44 min Scan# 3123

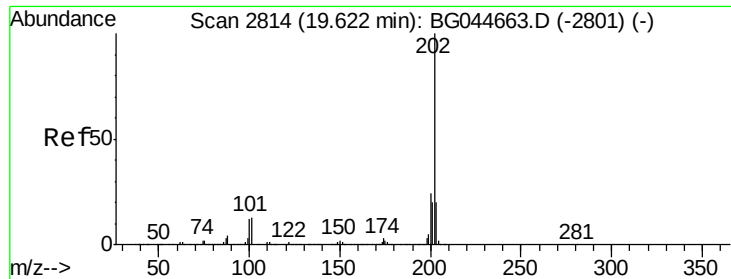
Delta R.T. -0.06 min

Lab File: BG044677.D

Acq: 4 Mar 2020 00:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.7	8.3	12.5
236	27.2	22.3	33.5





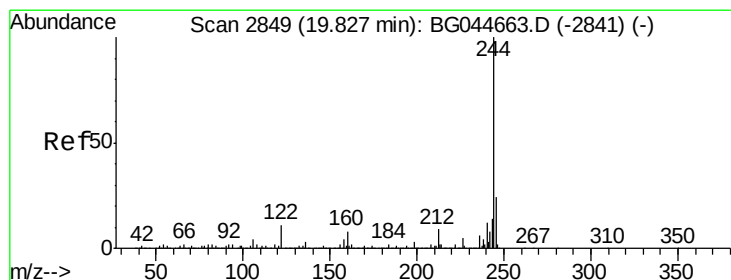
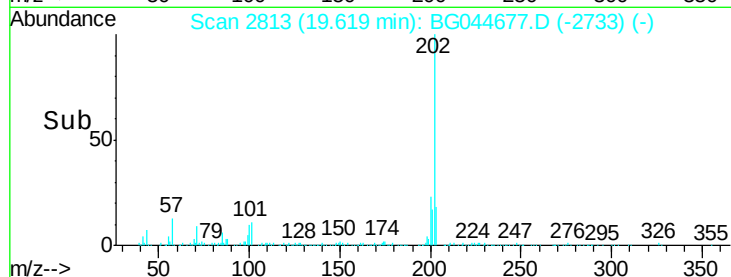
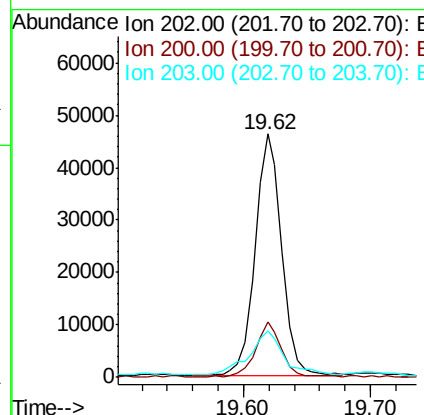
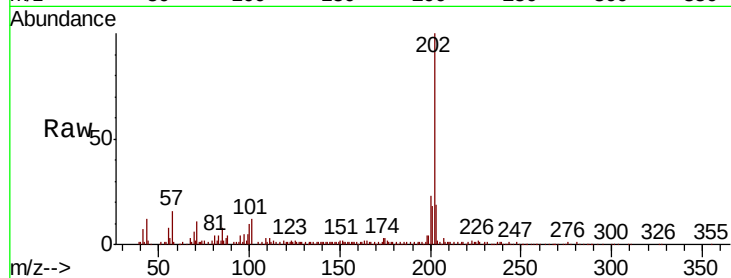
#78
Pvrene
Concen: 2.265 ng
RT: 19.62 min Scan# 2813
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Instrument :
BNA_G
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.6	28.0
203	19.3	15.3	22.9

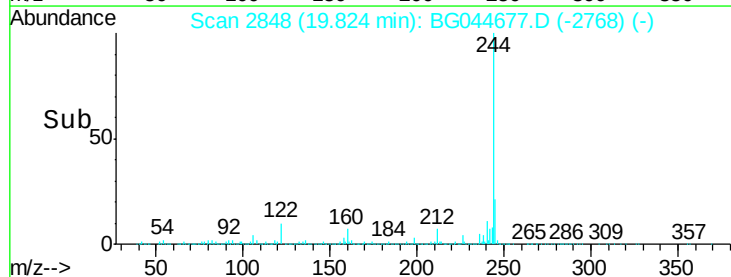
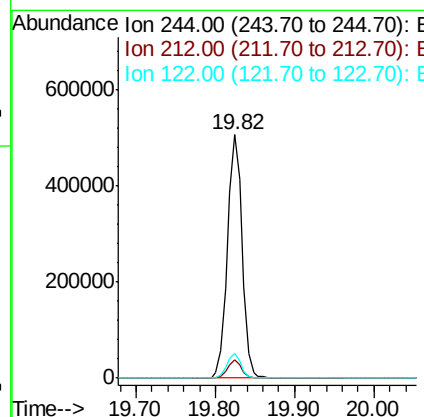
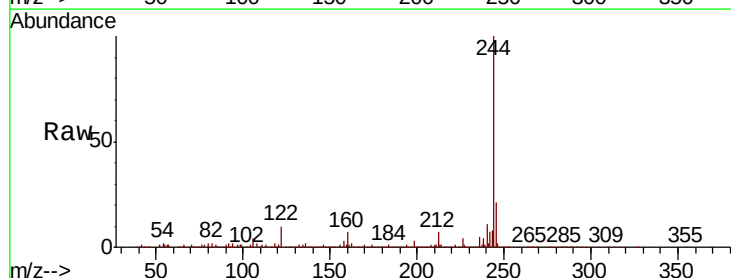
Manual Integrations
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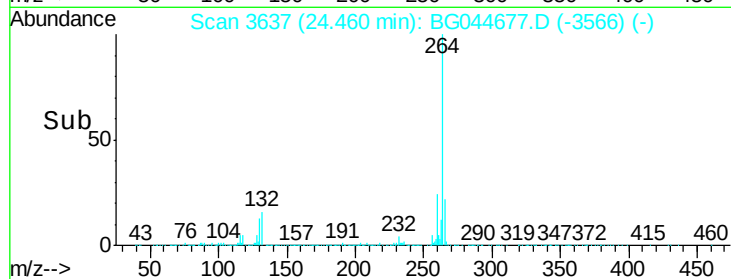
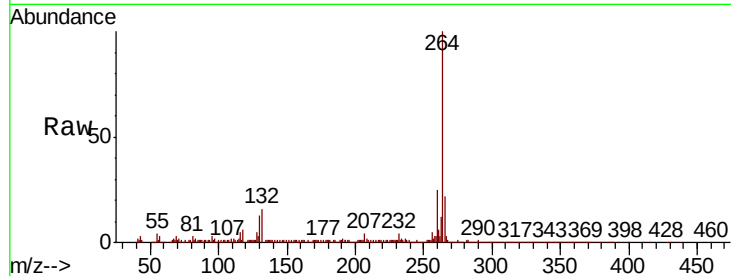
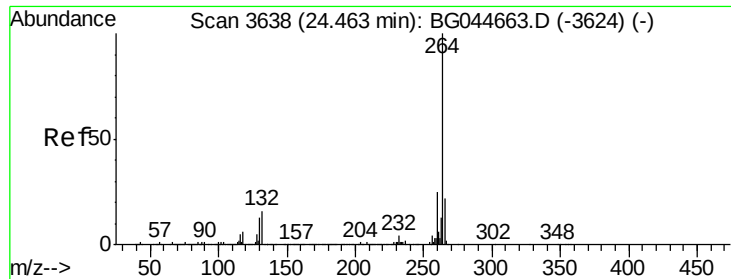
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#79
Terphenyl-d14
Concen: 30.050 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044677.D
Acq: 4 Mar 2020 00:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	10.1	8.2	12.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.46 min Scan# 3637
 Delta R.T. -0.11 min
 Lab File: BG044677.D
 Acq: 4 Mar 2020 00:49

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Tot Ion:	264	Resp:	478152
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.7	29.5
265	22.0	17.8	26.8

Manual Integrations
 APPROVED

mohammad
 3/4/2020 2:48:02 PM

