

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045077.D
 Acq On : 18 Apr 2020 21:40
 Operator : CG/JU
 Sample : L2304-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B1

Manual Integrations
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mohammad
 4/20/2020 2:41:06 PM

Quant Time: Apr 20 08:25:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	68837	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	288040	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	206024	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	426540	20.00	ng	0.00
76) Chrysene-d12	21.67	240	398116	20.00	ng	0.00
87) Perylene-d12	24.86	264	434184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	432845	103.81	ng	0.00
7) Phenol-d6	7.19	99	804710	129.90	ng	0.00
23) Nitrobenzene-d5	9.18	82	534318	84.64	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	431062	135.43	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1307038	93.02	ng	0.00
79) Terphenyl-d14	20.02	244	1895655	103.78	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	13592m	9.673	ng	Qvalue
50) Dimethylphthalate	14.10	163	176784	10.538	ng	99
56) 4-Nitrophenol	14.88	139	9548	2.992	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.29	232	13384	2.823	ng	# 91
70) Pentachlorophenol	17.06	266	298862	85.365	ng	99
71) Phenanthrene	17.44	178	69266	3.160	ng	# 93
74) Di-n-butylphthalate	18.39	149	6427671	298.892	ng	# 29
78) Pyrene	19.81	202	95371	3.475	ng	98
83) Chrysene	21.72	228	78711	3.175	ng	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	42757	2.733	ng	# 98

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

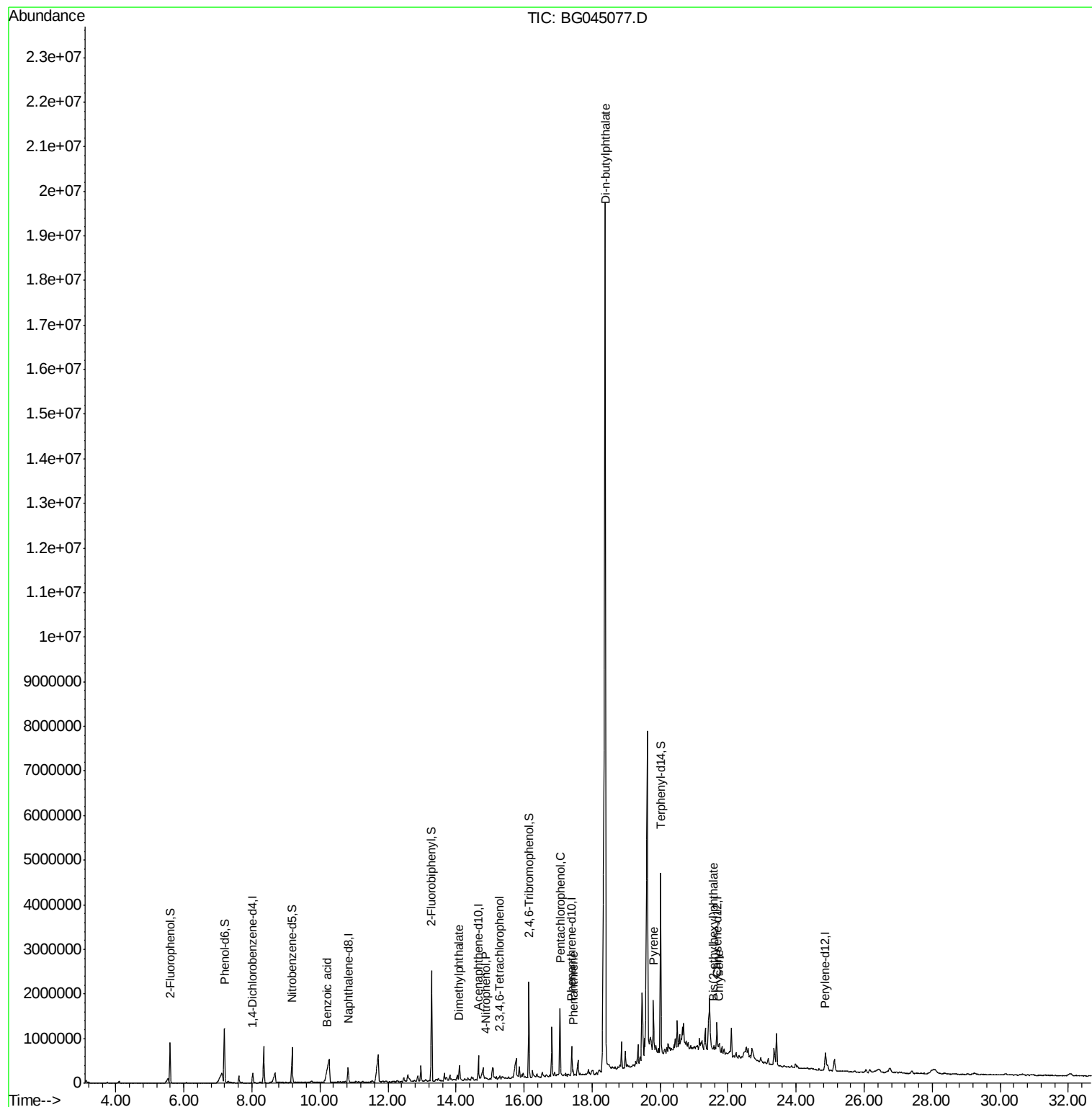
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045077.D
Acq On : 18 Apr 2020 21:40
Operator : CG/JU
Sample : L2304-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

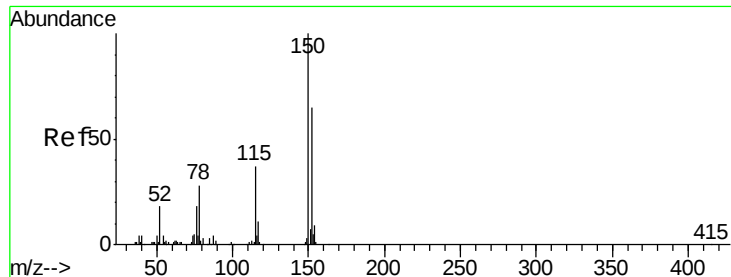
Instrument :
BNA_G
ClientSampled :
WC-B1

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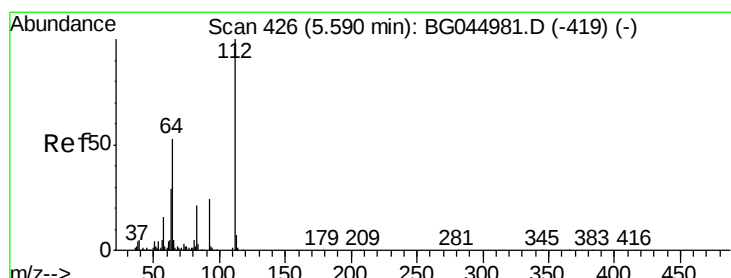
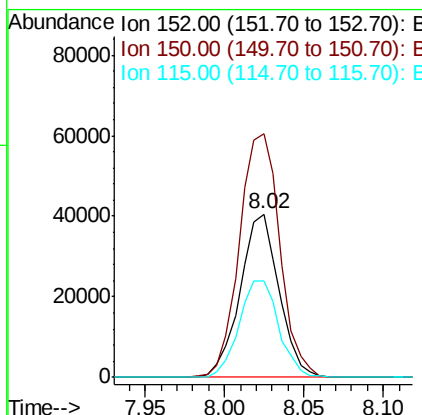
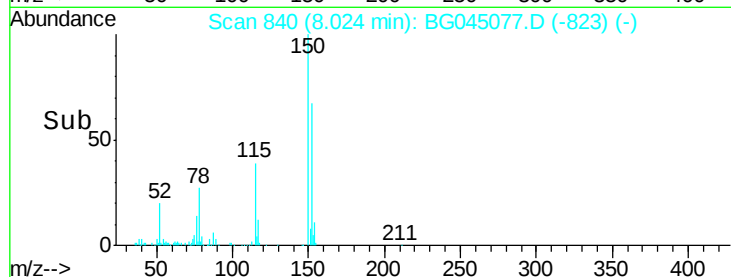
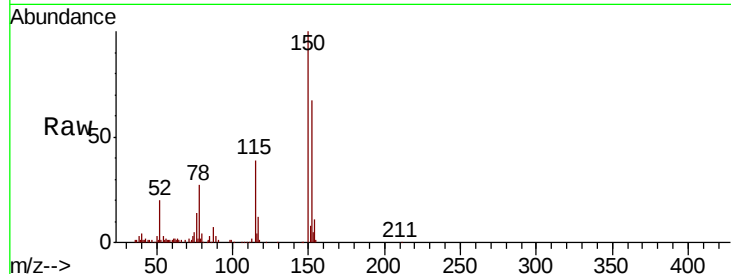
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Instrument :
BNA_G
ClientSampled :
WC-B1

Tot Ion:	152	Resp:	68837
Ion Ratio	Lower	Upper	
152	100		
150	149.2	123.6	185.4
115	58.8	49.1	73.7

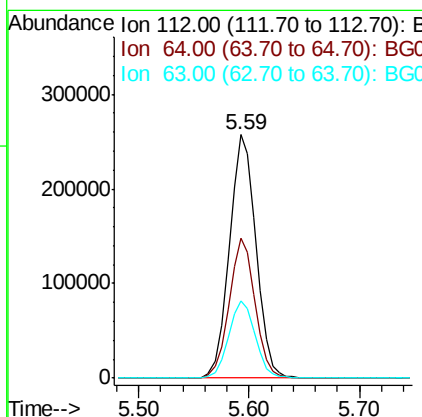
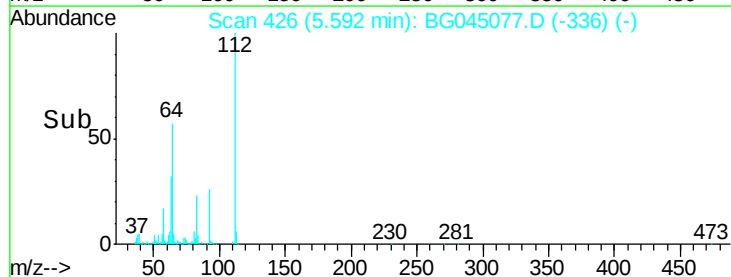
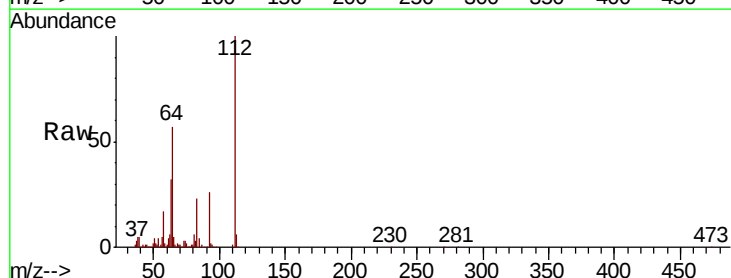
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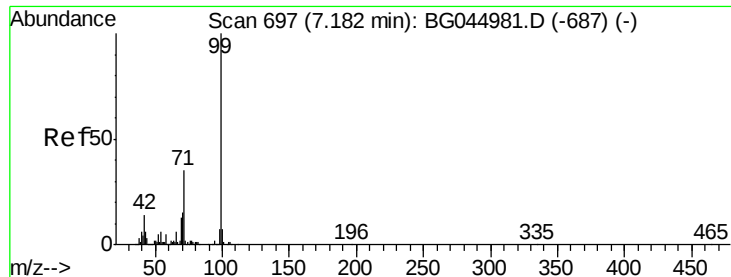
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#5
2-Fluorophenol
Concen: 103.811 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Tgt Ion:	112	Resp:	432845
Ion Ratio	Lower	Upper	
112	100		
64	57.2	42.4	63.6
63	31.7	23.1	34.7





#7

Phenol-d6

Concen: 129.899 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG045077.D

Acq: 18 Apr 2020 21:40

Instrument :

BNA_G

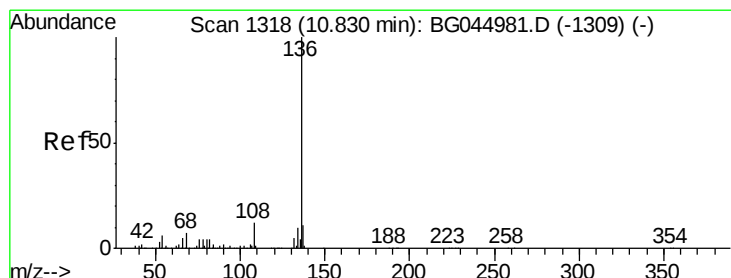
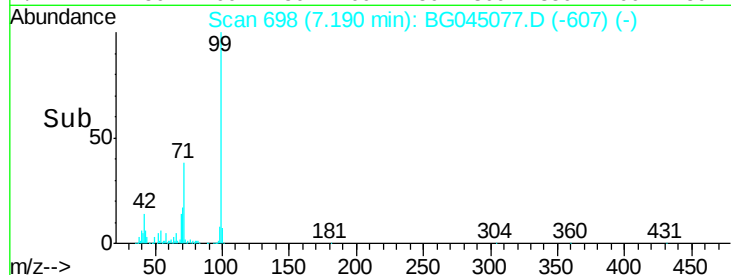
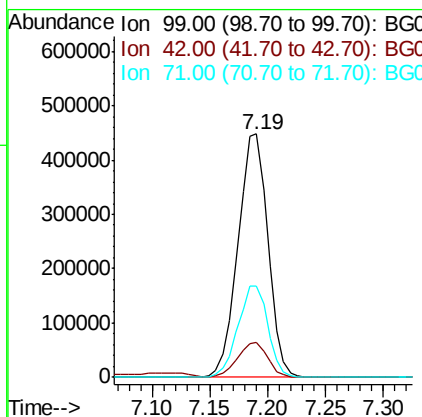
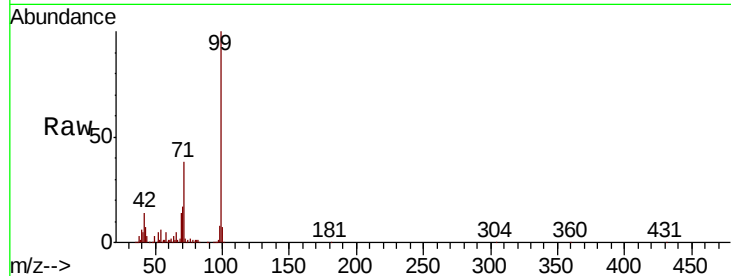
ClientSampleId :

WC-B1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		804710		
42	14.1	11.3	16.9		
71	37.8	28.3	42.5		

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#21

Naphthalene-d8

Concen: 20.000 ng

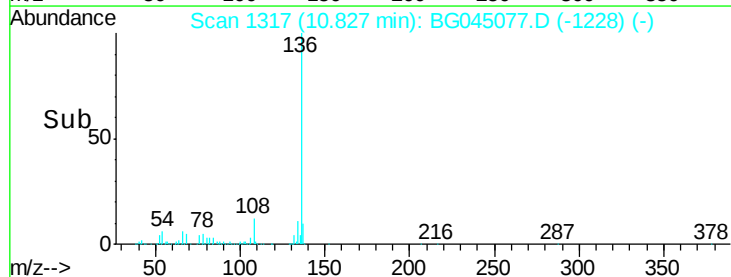
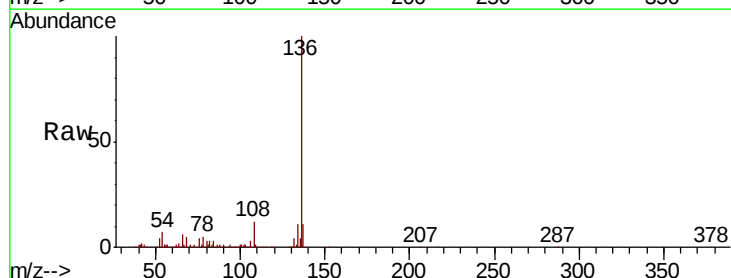
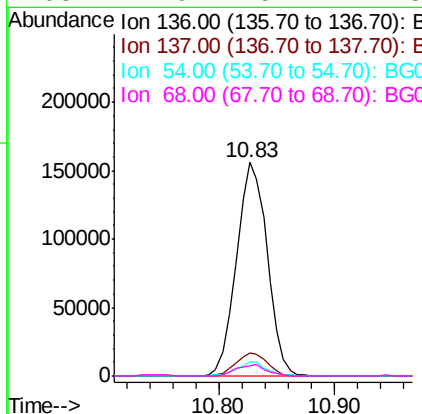
RT: 10.83 min Scan# 1317

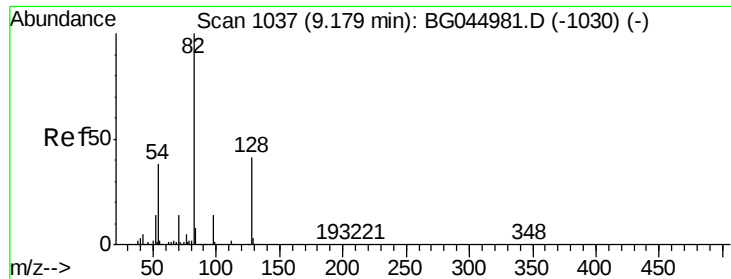
Delta R.T. -0.01 min

Lab File: BG045077.D

Acq: 18 Apr 2020 21:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		288040		
137	10.6	8.6	13.0		
54	6.6	4.8	7.2		
68	4.9	5.2	7.8		





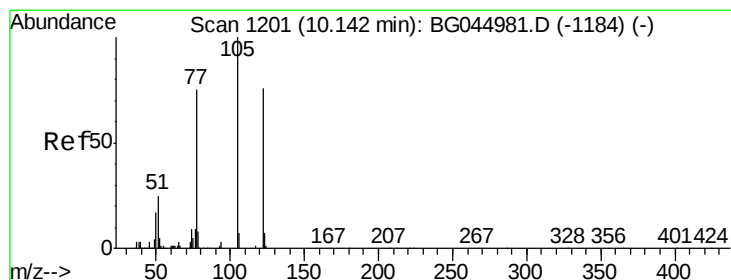
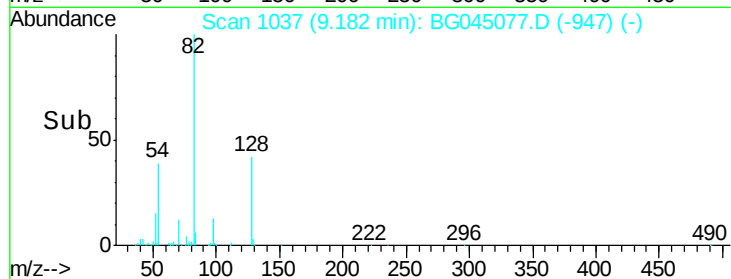
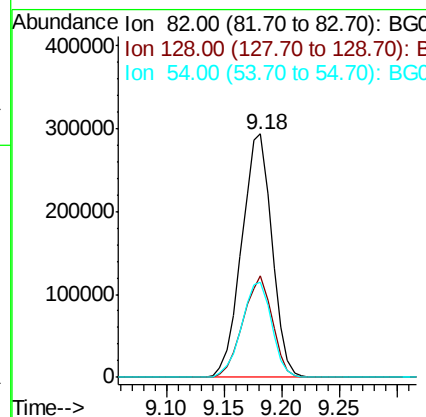
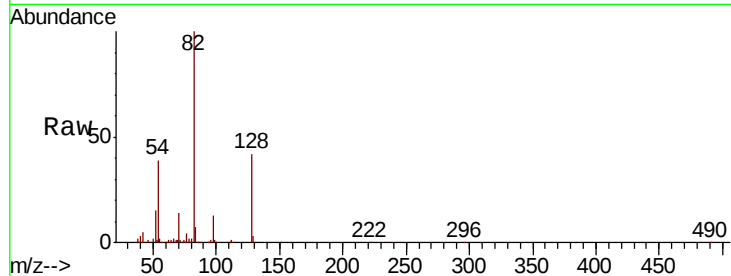
#23
Nitrobenzene-d5
Concen: 84.642 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Instrument :
BNA_G
ClientSampleId :
WC-B1

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.0	49.4
54	38.9	30.4	45.6

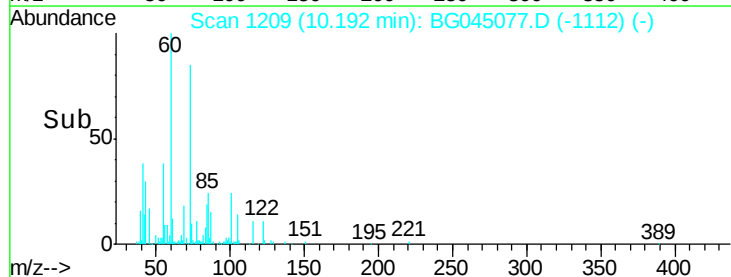
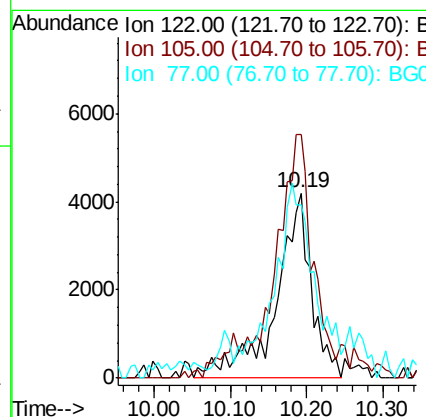
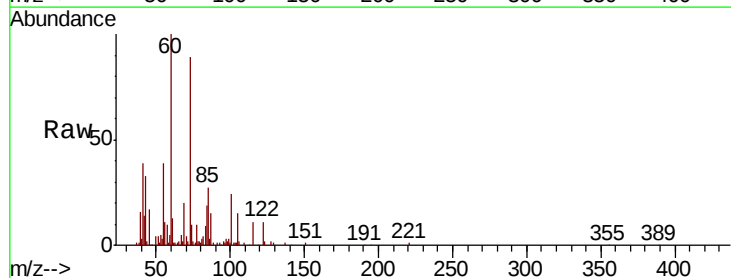
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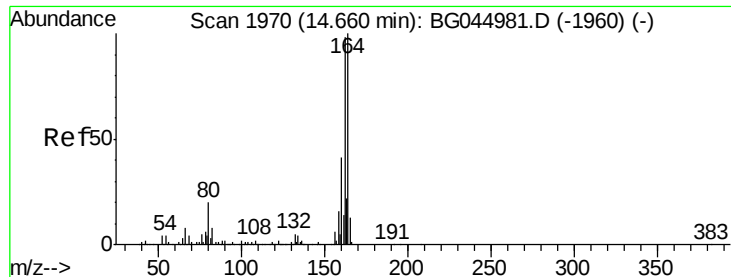
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#32
Benzoic acid
Concen: 9.673 ng m
RT: 10.19 min Scan# 1209
Delta R.T. 0.04 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.6	108.4	148.4
77	93.3	78.8	118.8





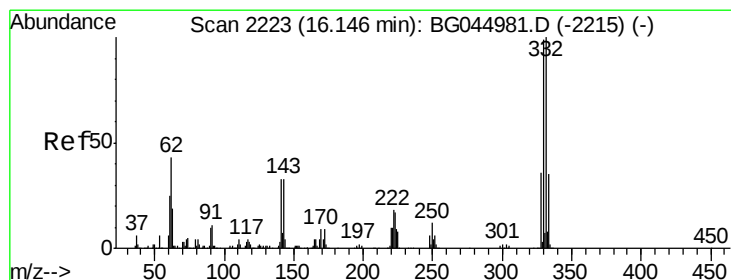
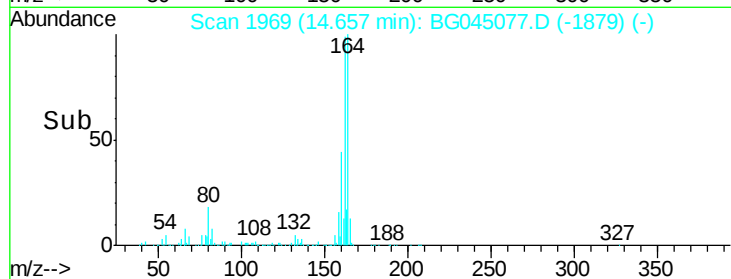
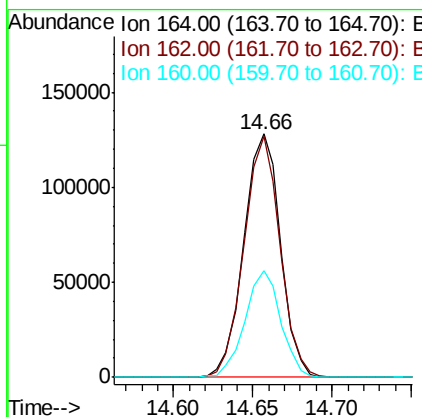
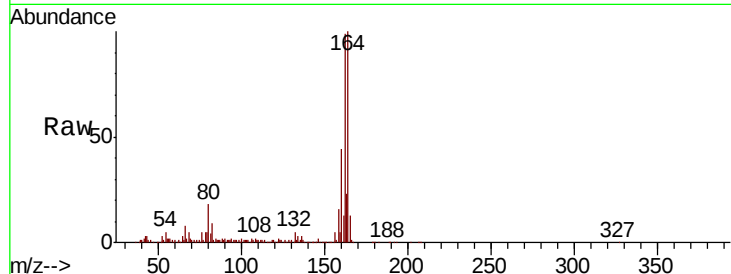
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Instrument :
BNA_G
ClientSampleId :
WC-B1

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.7	118.1
160	44.1	32.8	49.2

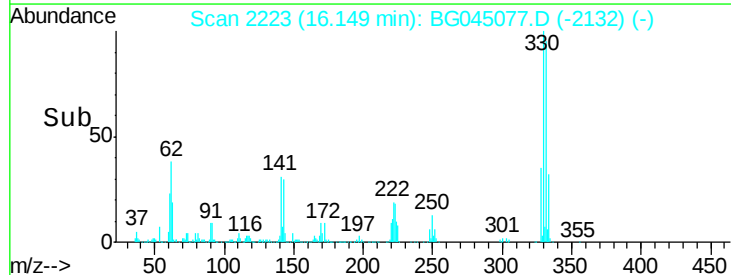
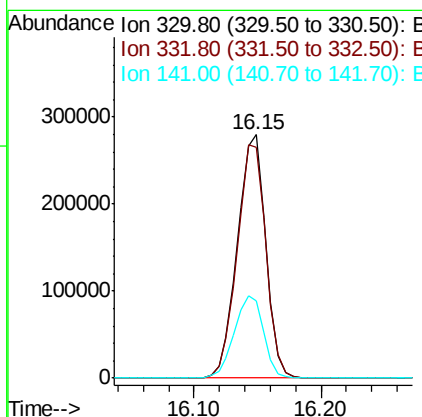
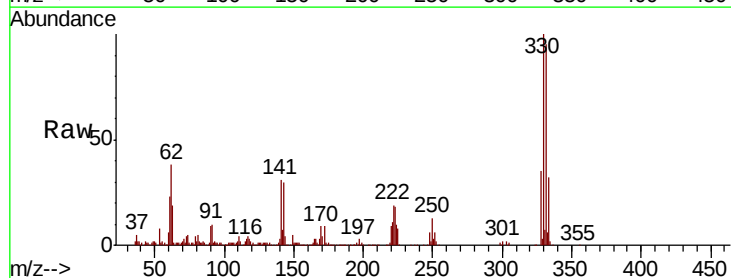
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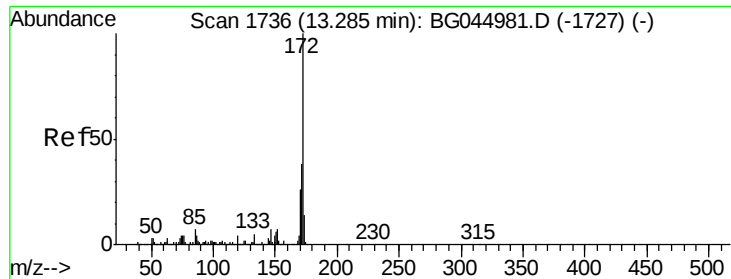
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#42
2,4,6-Tribromophenol
Concen: 135.435 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.1	118.7
141	34.6	27.1	40.7





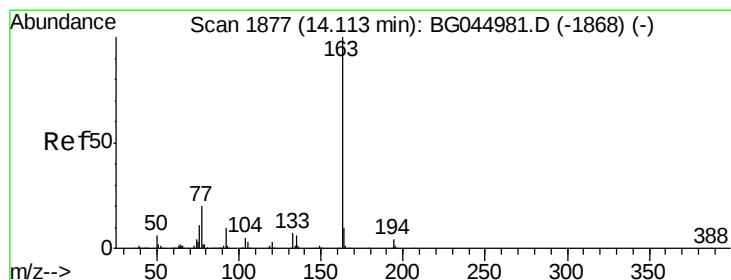
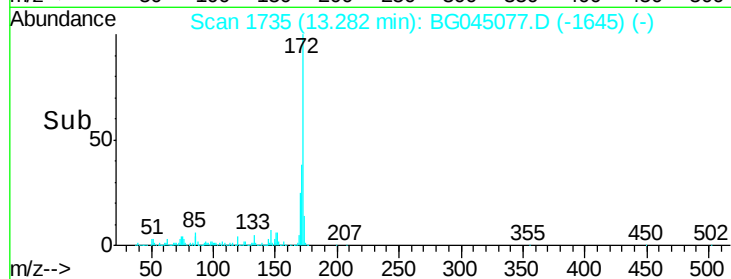
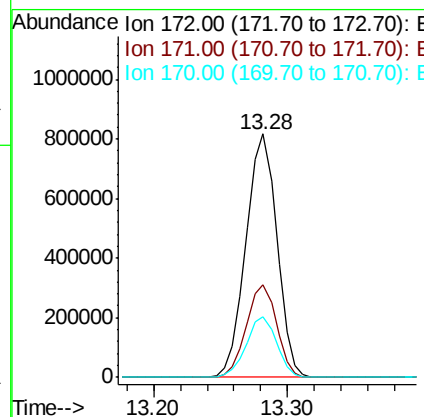
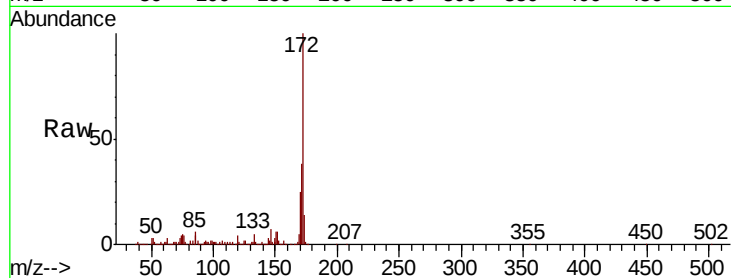
#45
2-Fluorobiphenyl
Concen: 93.025 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Instrument :
BNA_G
ClientSampleId :
WC-B1

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.6	46.0
170	24.8	20.5	30.7

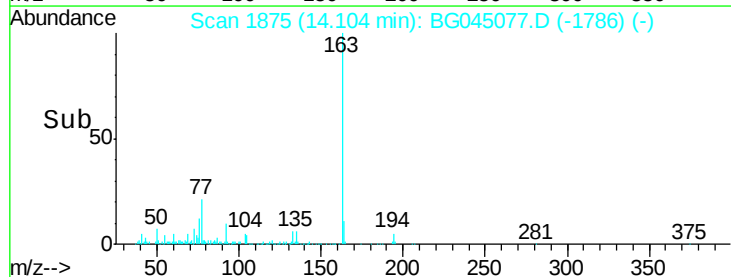
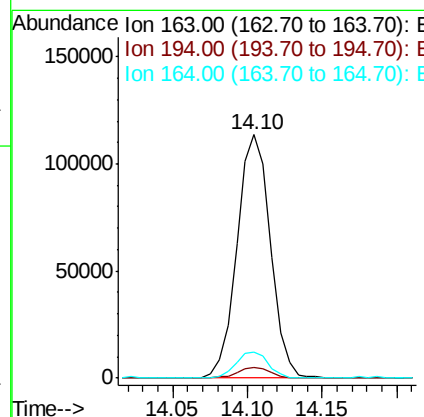
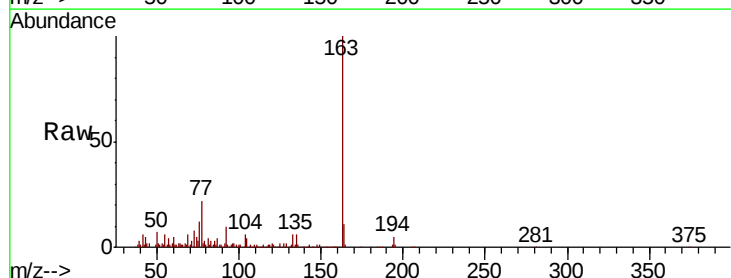
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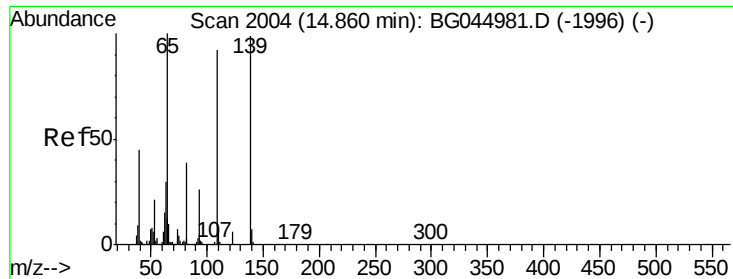
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#50
Dimethylphthalate
Concen: 10.538 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.9	8.2	12.4





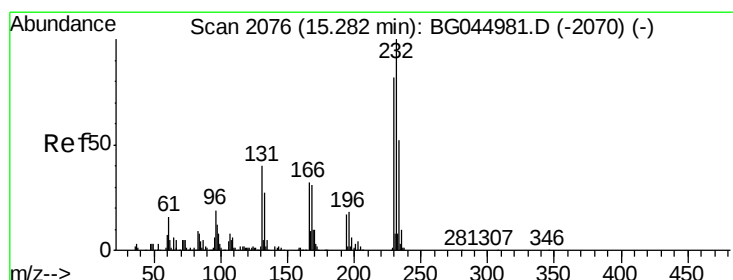
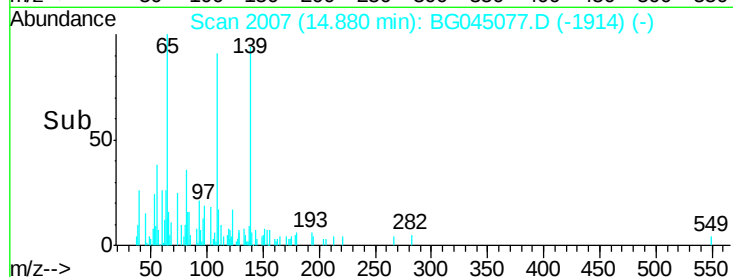
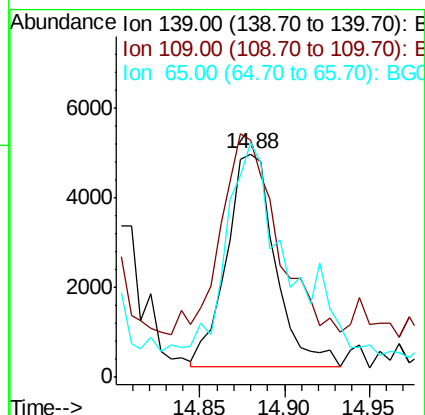
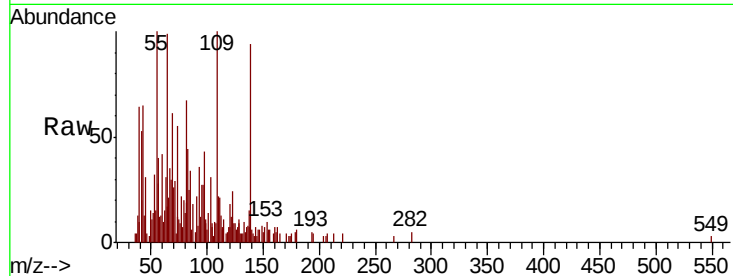
#56
4-Nitrophenol
Concen: 2.992 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Instrument :
BNA_G
ClientSampled :
WC-B1

Tot Ion	Ratio	Lower	Upper
139	100		
109	106.0	73.6	113.6
65	105.3	81.2	121.2

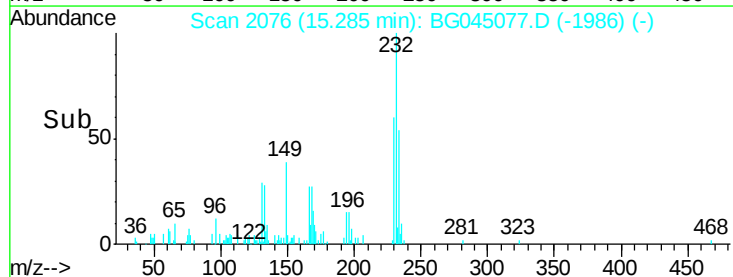
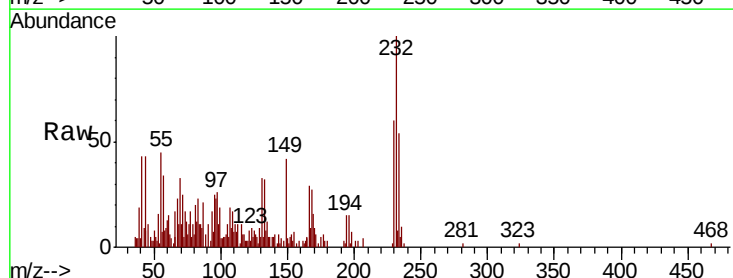
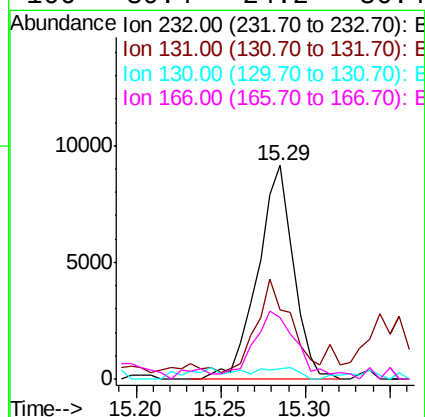
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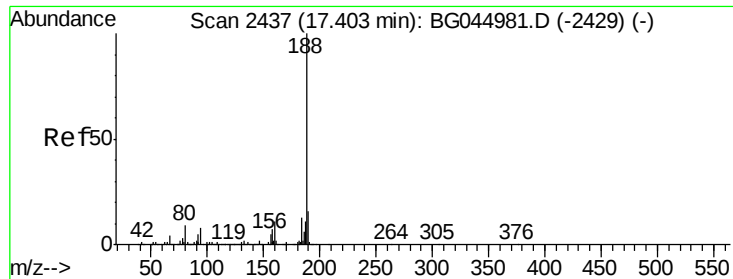
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#59
2,3,4,6-Tetrachlorophenol
Concen: 2.823 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.4	32.2	48.2
130	7.1	2.2	3.2#
166	39.4	24.2	36.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045077.D

Acq: 18 Apr 2020 21:40

Instrument :

BNA_G

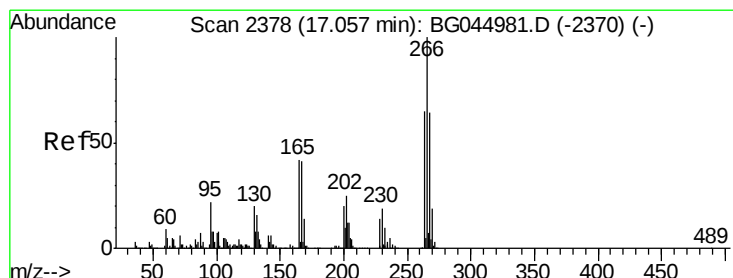
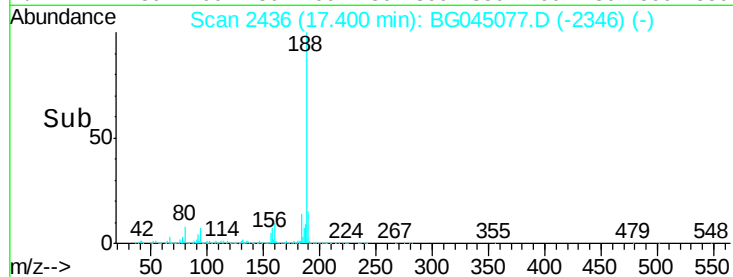
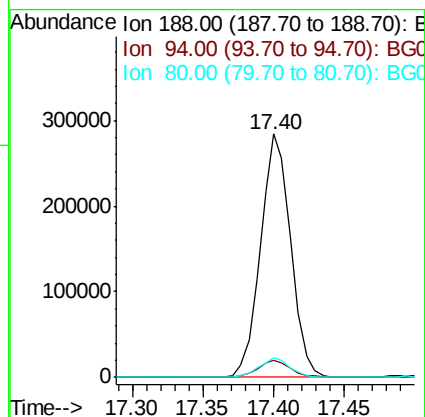
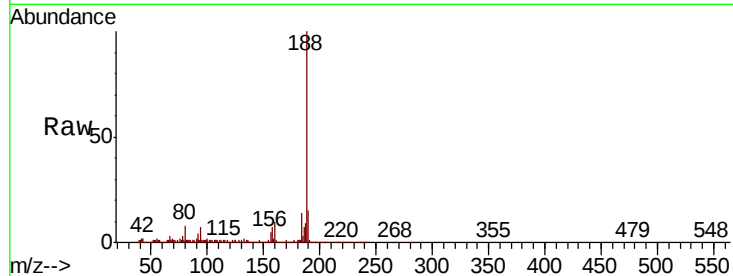
ClientSampleId :

WC-B1

Tot Ion:	188	Resp:	426540
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.2	9.4
80	7.9	7.0	10.6

Manual Integrations
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#70

Pentachlorophenol

Concen: 85.365 ng

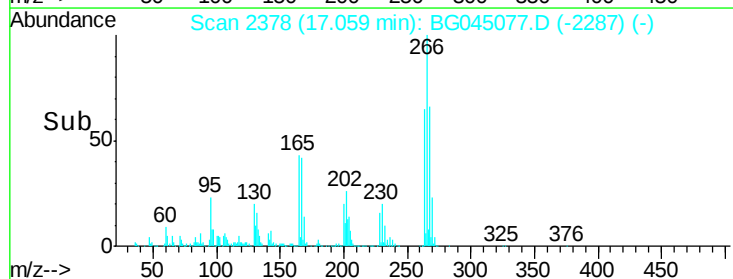
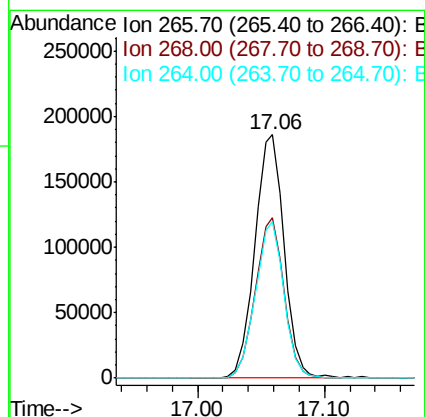
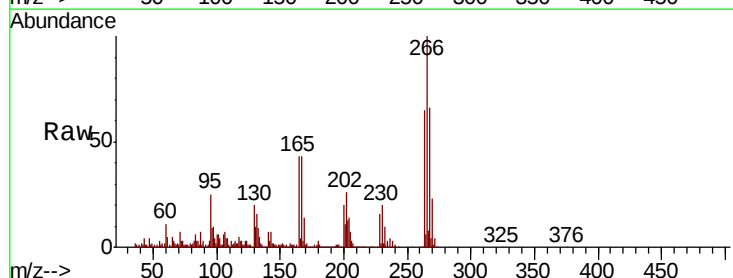
RT: 17.06 min Scan# 2378

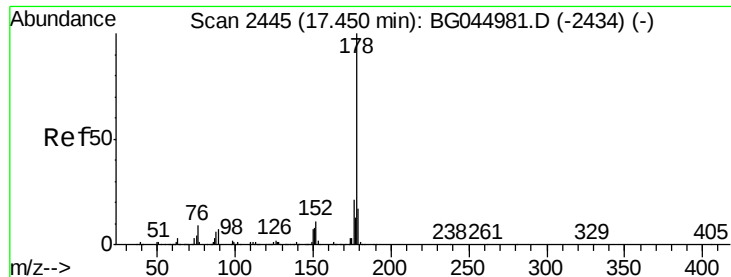
Delta R.T. 0.01 min

Lab File: BG045077.D

Acq: 18 Apr 2020 21:40

Tgt Ion:	266	Resp:	298862
Ion Ratio	Lower	Upper	
266	100		
268	65.7	51.5	77.3
264	64.6	52.2	78.4





#71

Phenanthrene

Concen: 3.160 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG045077.D

Acq: 18 Apr 2020 21:40

Instrument :

BNA_G

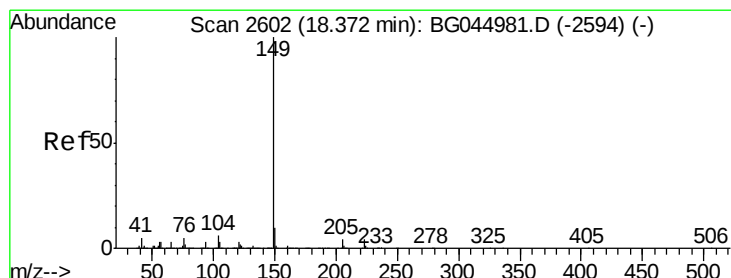
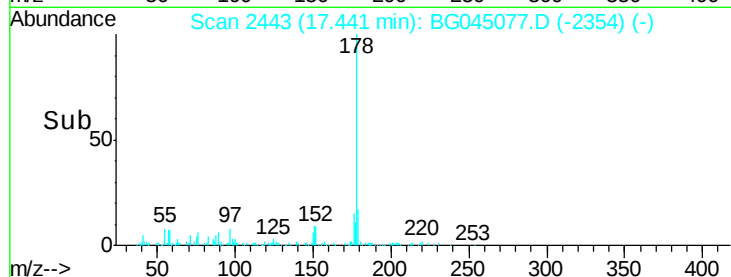
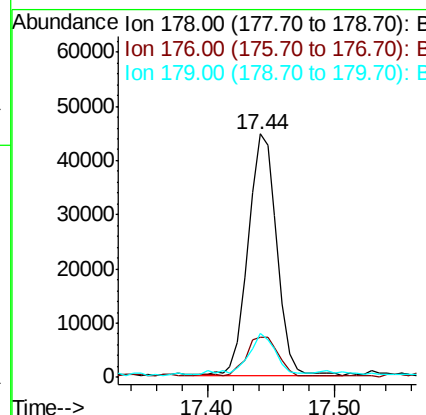
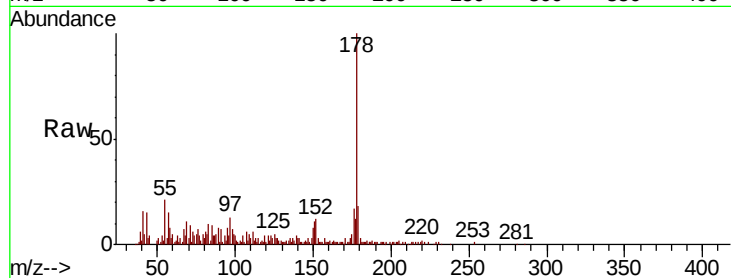
ClientSampleId :

WC-B1

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.6	16.8	25.2#
179	18.2	13.2	19.8

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#74

Di-n-butylphthalate

Concen: 298.892 ng

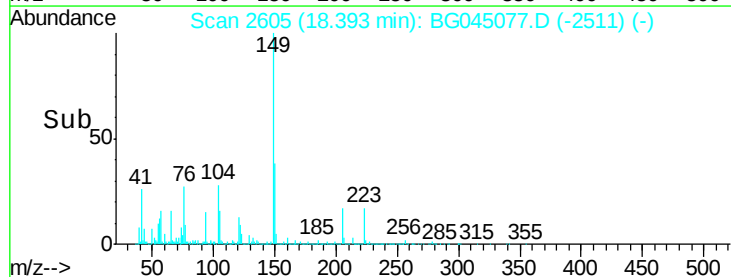
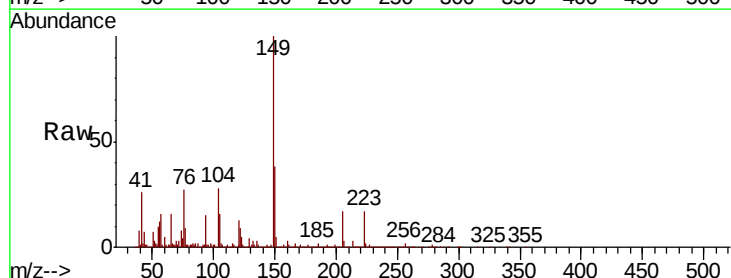
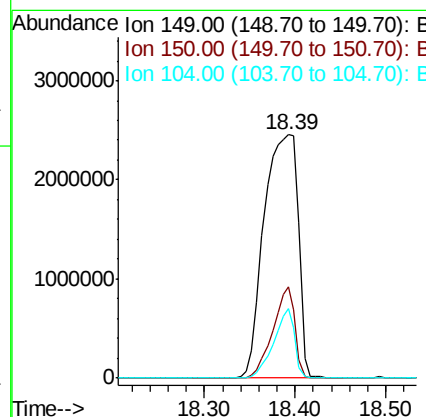
RT: 18.39 min Scan# 2605

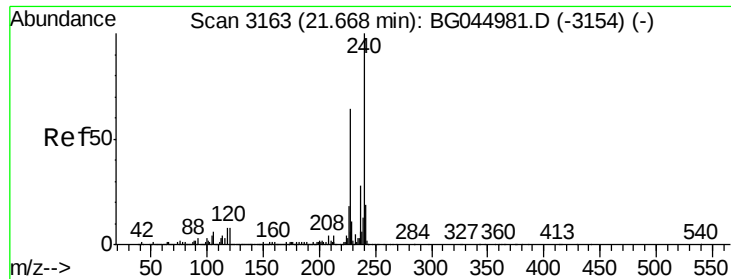
Delta R.T. 0.02 min

Lab File: BG045077.D

Acq: 18 Apr 2020 21:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	37.8	8.2	12.2#
104	28.5	4.8	7.2#





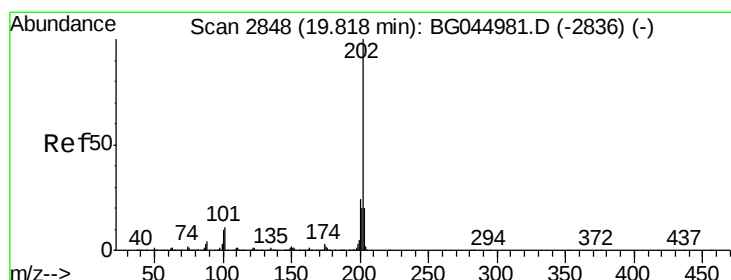
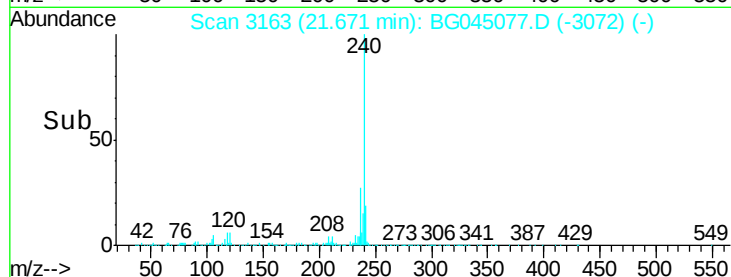
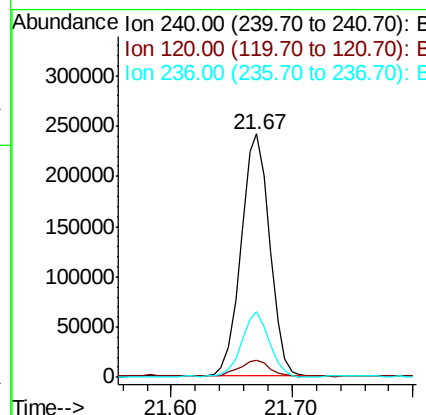
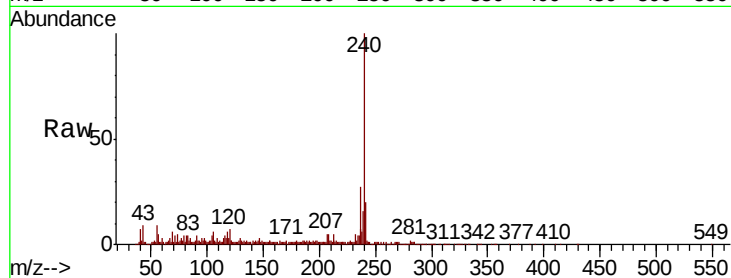
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. 0.01 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Instrument :
BNA_G
ClientSampleId :
WC-B1

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	6.8	6.6	10.0
236	27.0	22.2	33.2

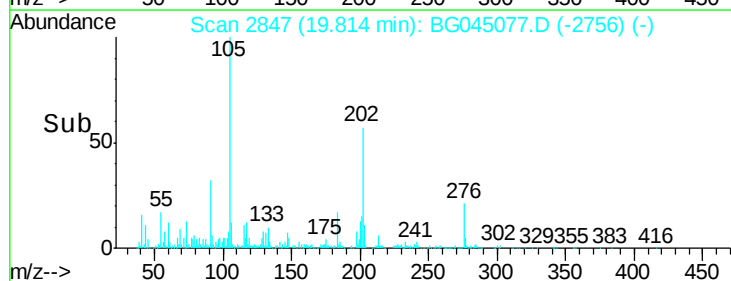
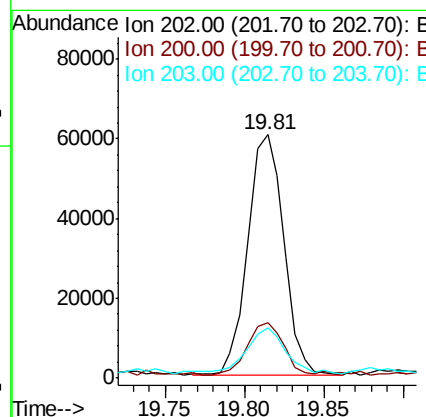
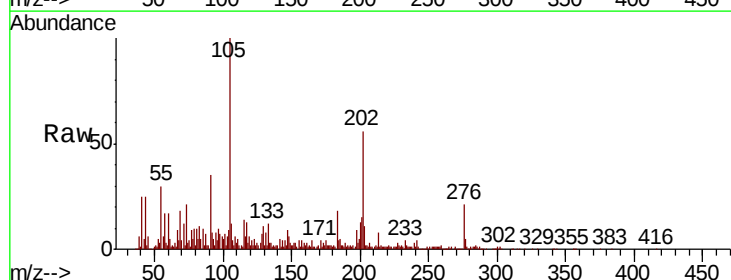
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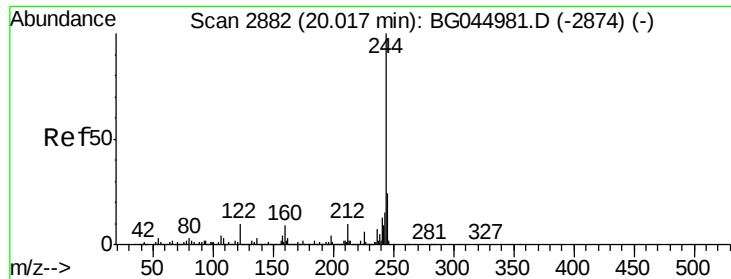
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#78
Pyrene
Concen: 3.475 ng
RT: 19.81 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BG045077.D
Acq: 18 Apr 2020 21:40

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.7	19.0	28.6
203	20.4	16.1	24.1





#79

Terphenyl-d14

Concen: 103.782 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.01 min

Lab File: BG045077.D

Acq: 18 Apr 2020 21:40

Instrument :

BNA_G

ClientSampleId :

WC-B1

Tot Ion:244 Resp: 1895655

Ion Ratio Lower Upper

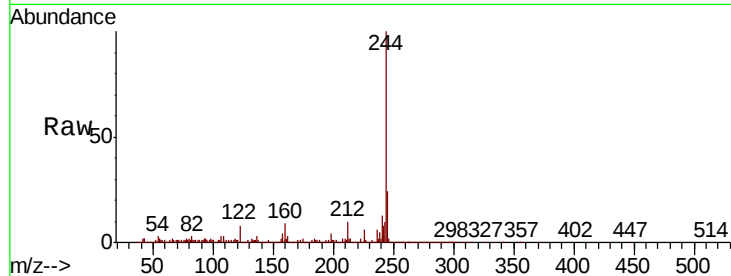
244 100

212 9.9 7.9 11.9

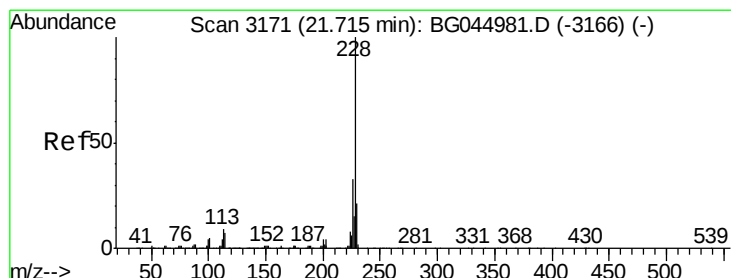
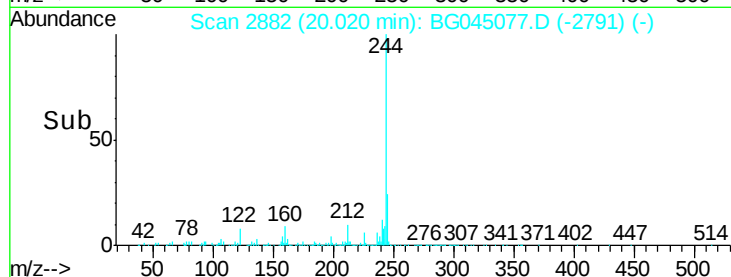
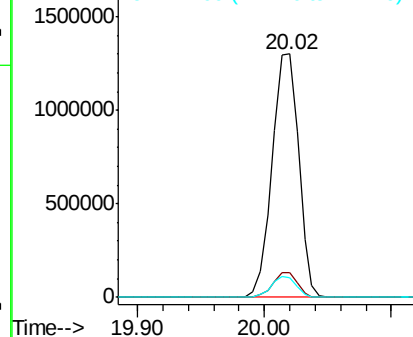
122 8.2 7.7 11.5

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



#83

Chrysene

Concen: 3.175 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.01 min

Lab File: BG045077.D

Acq: 18 Apr 2020 21:40

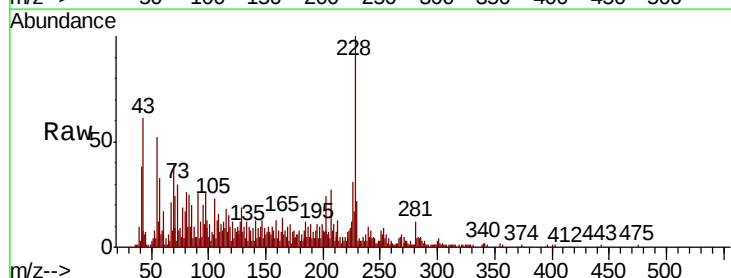
Tgt Ion:228 Resp: 78711

Ion Ratio Lower Upper

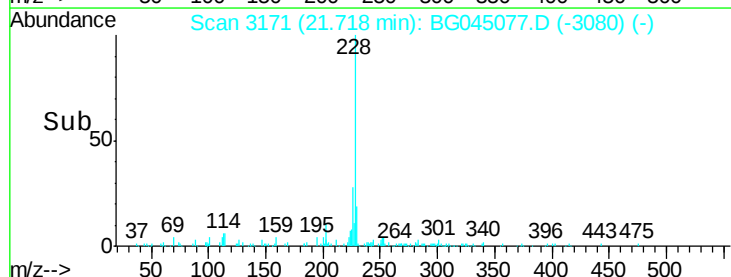
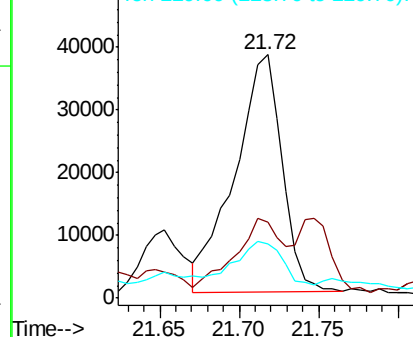
228 100

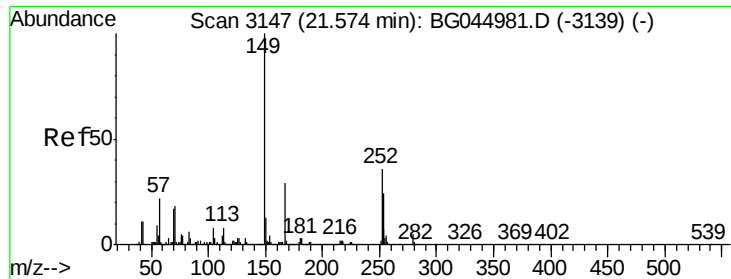
226 30.9 26.2 39.4

229 22.1 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.733 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.01 min

Lab File: BG045077.D

Acq: 18 Apr 2020 21:40

Instrument :

BNA_G

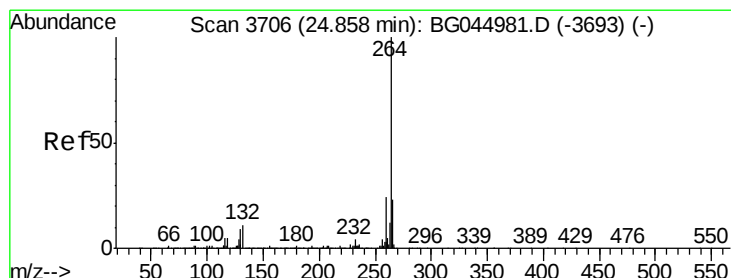
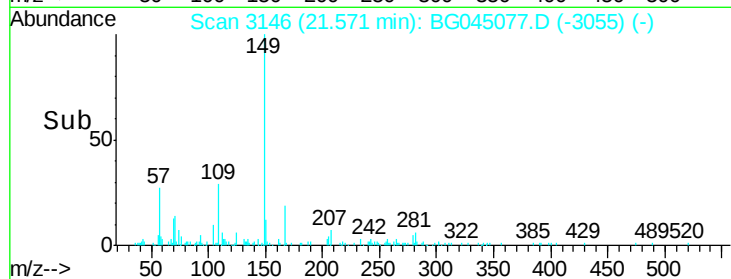
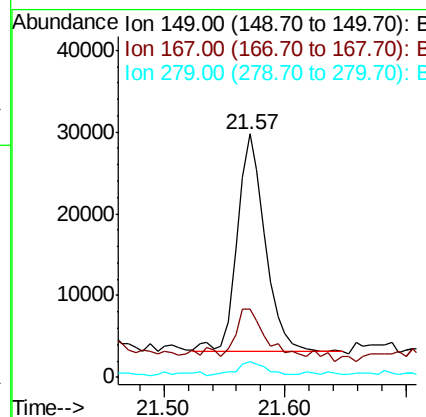
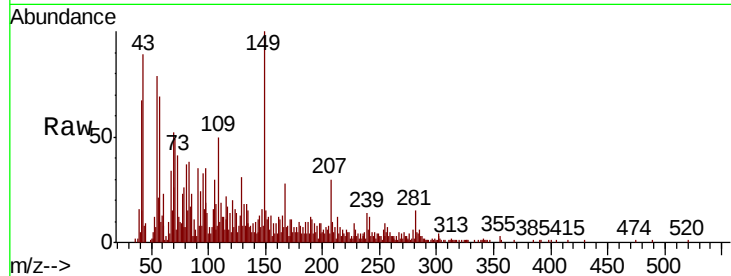
ClientSampleId :

WC-B1

Tot Ion:	149	Resp:	42757
Ion Ratio	Lower	Upper	
149	100		
167	28.1	23.4	35.0
279	6.5	4.3	6.5#

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#87

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. 0.01 min

Lab File: BG045077.D

Acq: 18 Apr 2020 21:40

Tgt Ion:	264	Resp:	434184
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.2	19.0	28.4

