

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045080.D
 Acq On : 18 Apr 2020 23:40
 Operator : CG/JU
 Sample : L2304-09
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-F1

Manual Integrations
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mohammad
 4/21/2020 8:21:32 AM

Quant Time: Apr 20 08:41:39 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	81392	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	322400	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	213607	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	413355	20.00	ng	0.00
76) Chrysene-d12	21.68	240	373463	20.00	ng	0.02
87) Perylene-d12	24.90	264	391615	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	546243	110.80	ng	0.00
7) Phenol-d6	7.19	99	841775	114.92	ng	0.01
23) Nitrobenzene-d5	9.18	82	555043	78.55	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	348572	105.63	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1224436	84.05	ng	0.00
79) Terphenyl-d14	20.02	244	1541339	89.95	ng	0.01
Target Compounds						
32) Benzoic acid	10.28	122	25811m	11.971	ng	Qvalue
50) Dimethylphthalate	14.11	163	73936	4.251	ng	97
71) Phenanthrene	17.45	178	119043	5.604	ng	94
74) Di-n-butylphthalate	18.37	149	269214	6.204	ng	99
78) Pyrene	19.82	202	85960m	3.339	ng	
80) Butylbenzylphthalate	20.71	149	43717	4.096	ng	# 47
83) Chrysene	21.73	228	118324	5.088	ng	# 93
84) Bis(2-ethylhexyl)phthalate	21.58	149	230626	15.712	ng	99

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

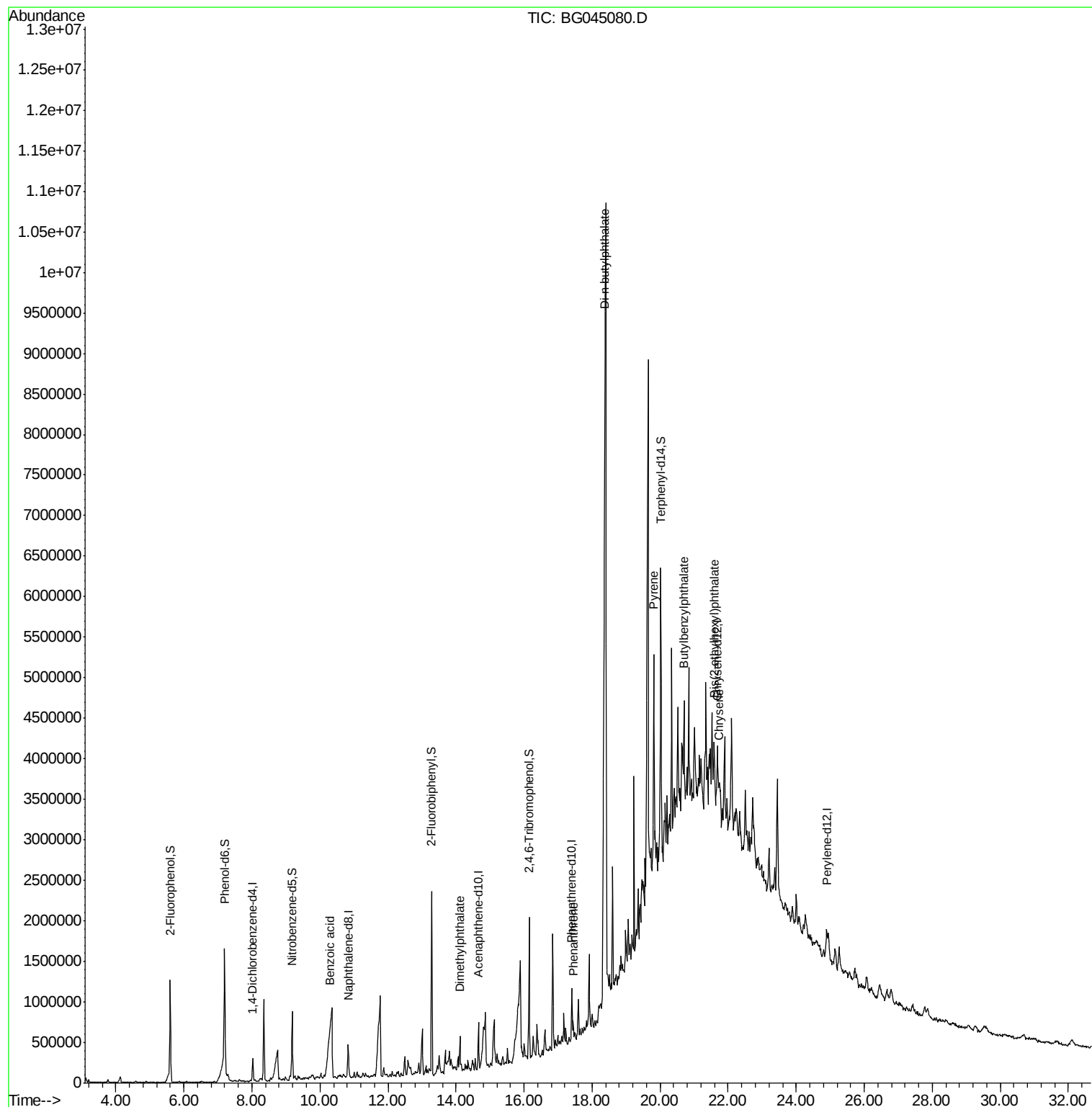
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045080.D
Acq On : 18 Apr 2020 23:40
Operator : CG/JU
Sample : L2304-09
Misc :
ALS Vial : 51 Sample Multiplier: 1

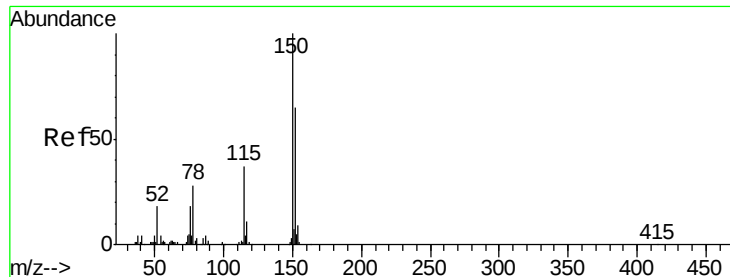
Instrument :
BNA_G
ClientSampleId :
WC-F1

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Quant Time: Apr 20 08:41:39 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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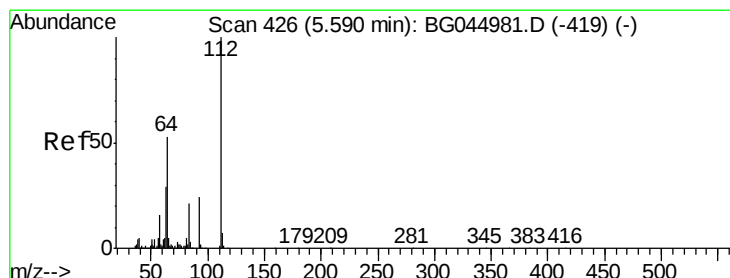
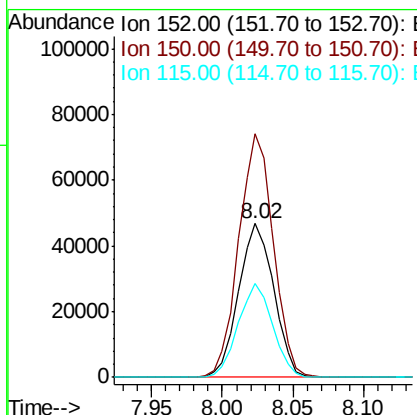
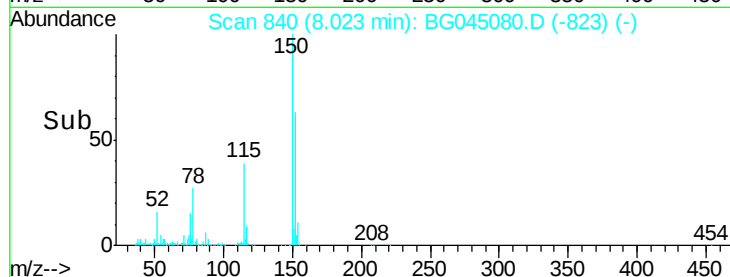
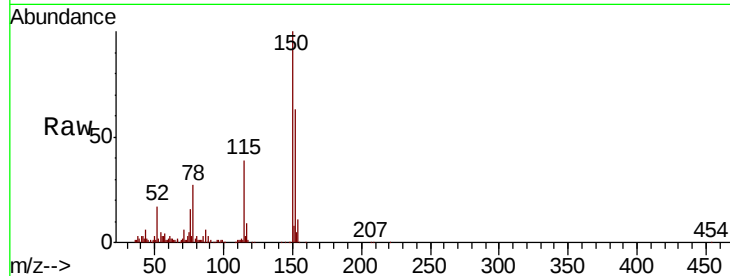
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045080.D
 Acq: 18 Apr 2020 23:40

Instrument :
 BNA_G
 ClientSampled :
 WC-F1

Tot Ion:	152	Resp:	81392
Ion Ratio	Lower	Upper	
152	100		
150	158.4	123.6	185.4
115	61.3	49.1	73.7

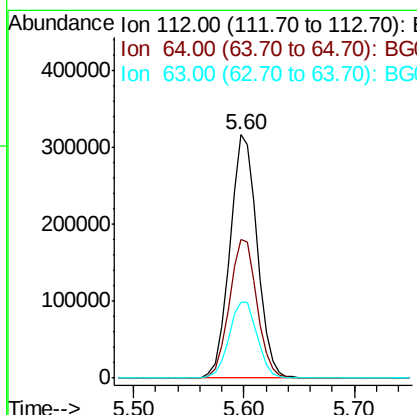
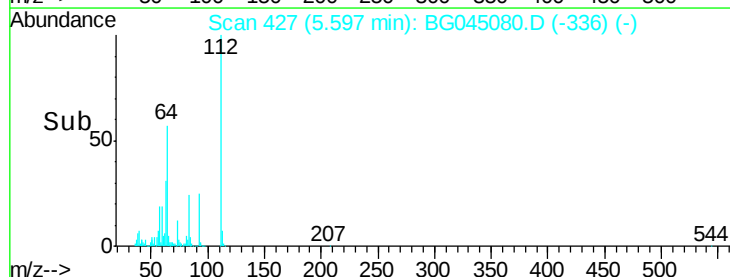
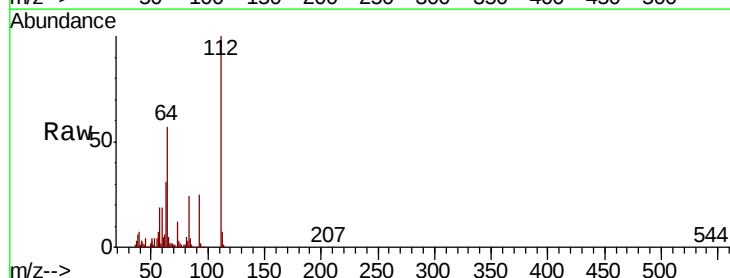
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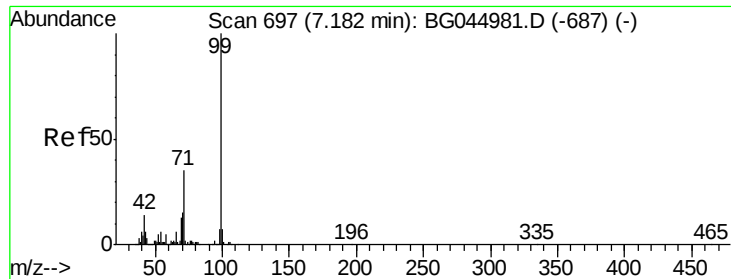
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#5
 2-Fluorophenol
 Concen: 110.799 ng
 RT: 5.60 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BG045080.D
 Acq: 18 Apr 2020 23:40

Tgt Ion:	112	Resp:	546243
Ion Ratio	Lower	Upper	
112	100		
64	57.0	42.4	63.6
63	31.3	23.1	34.7





#7

Phenol-d6

Concen: 114.922 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG045080.D

Acq: 18 Apr 2020 23:40

Instrument :

BNA_G

ClientSampleId :

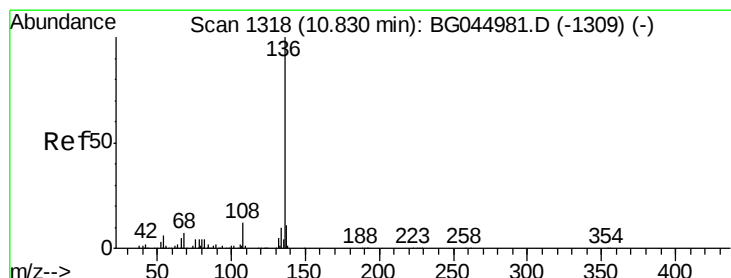
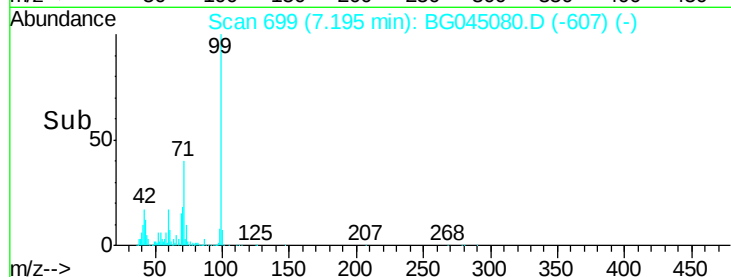
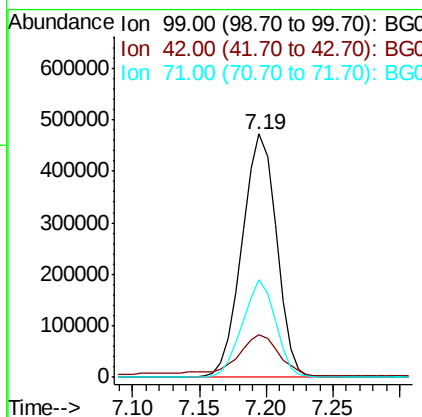
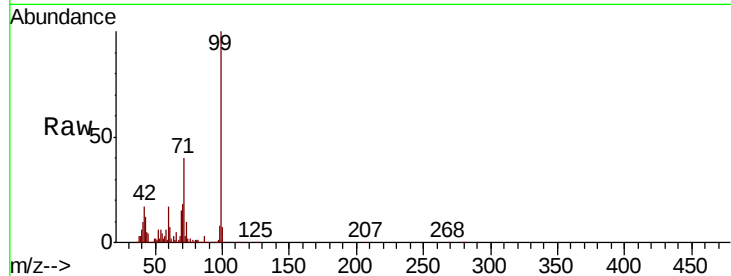
WC-F1

Tot Ion: 99 Resp: 841775

Ion	Ratio	Lower	Upper
99	100		
42	17.3	11.3	16.9#
71	39.9	28.3	42.5

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

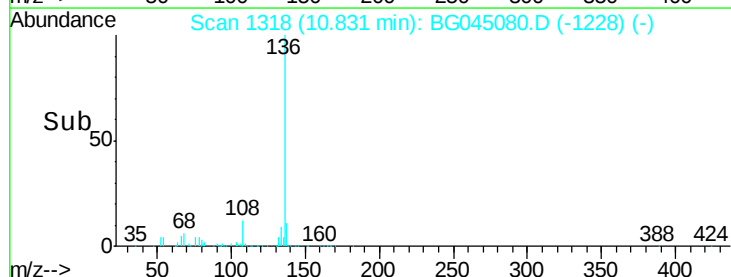
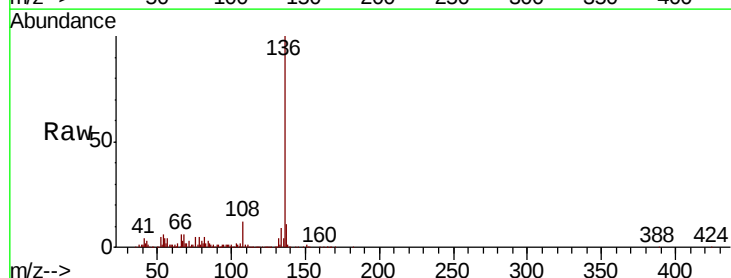
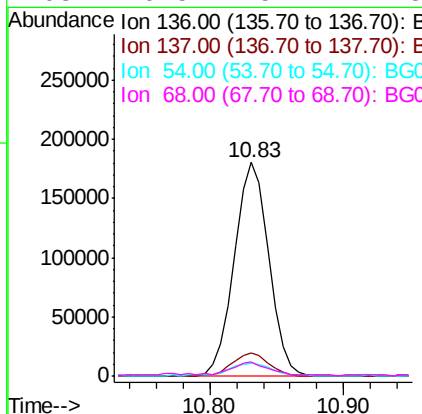
Delta R.T. -0.00 min

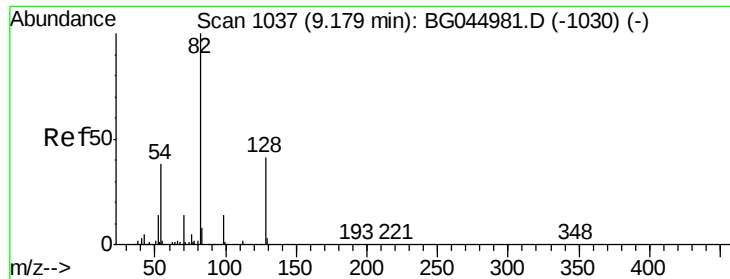
Lab File: BG045080.D

Acq: 18 Apr 2020 23:40

Tgt Ion: 136 Resp: 322400

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.2	4.8	7.2
68	6.5	5.2	7.8





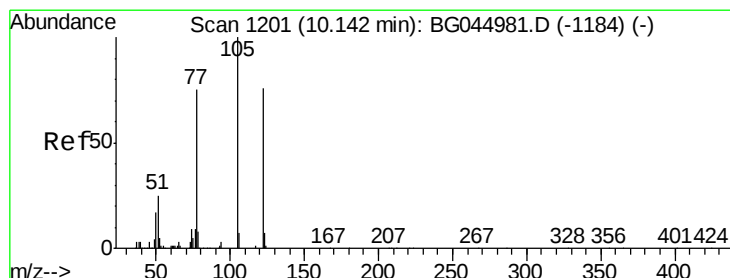
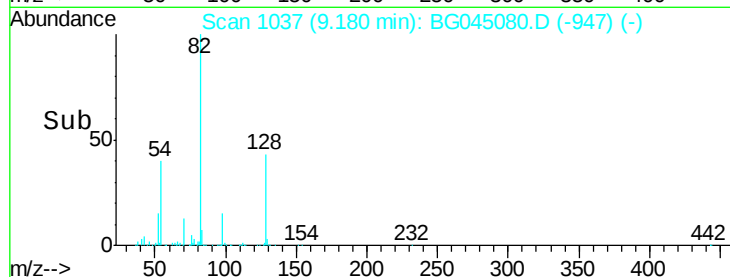
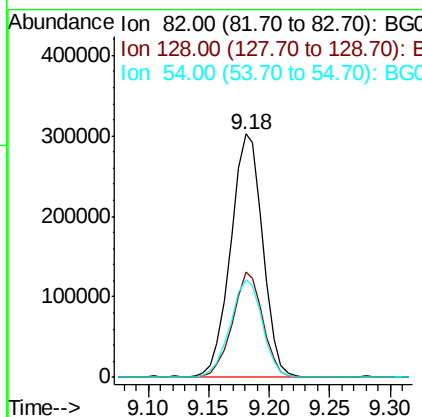
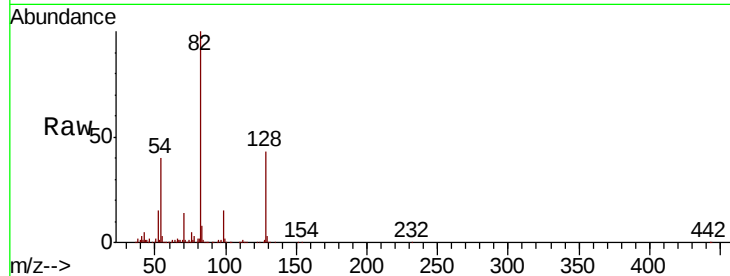
#23
Nitrobenzene-d5
Concen: 78.554 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045080.D
Acq: 18 Apr 2020 23:40

Instrument :
BNA_G
ClientSampleId :
WC-F1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2		33.0	49.4
54	40.3		30.4	45.6

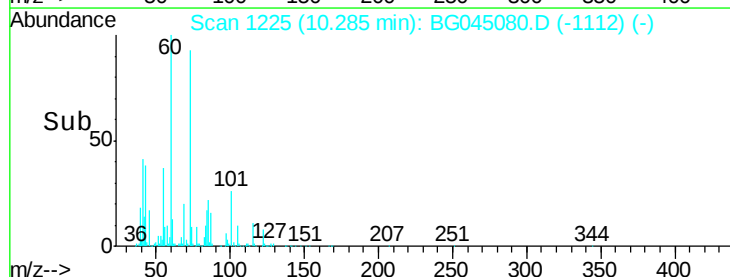
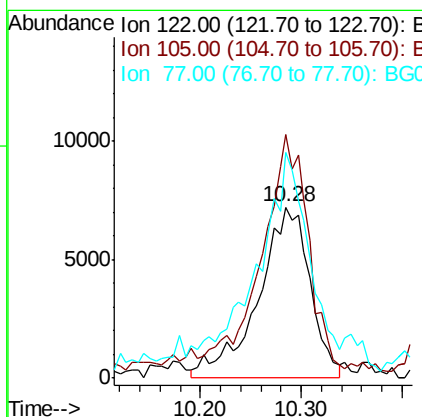
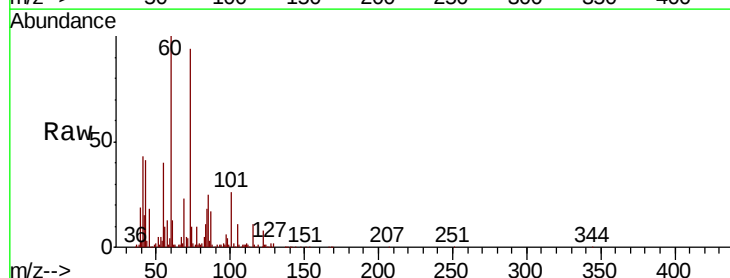
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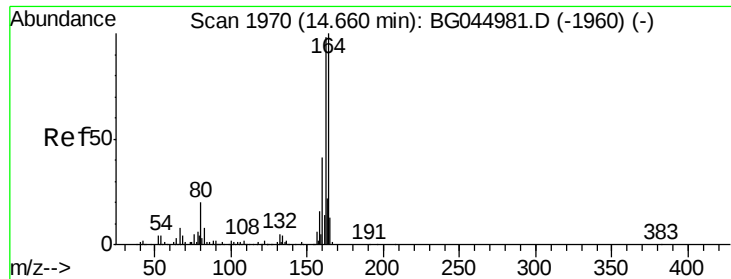
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#32
Benzoic acid
Concen: 11.971 ng m
RT: 10.28 min Scan# 1225
Delta R.T. 0.13 min
Lab File: BG045080.D
Acq: 18 Apr 2020 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	142.2		108.4	148.4
77	132.1		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: BG045080.D

Acq: 18 Apr 2020 23:40

Instrument :

BNA_G

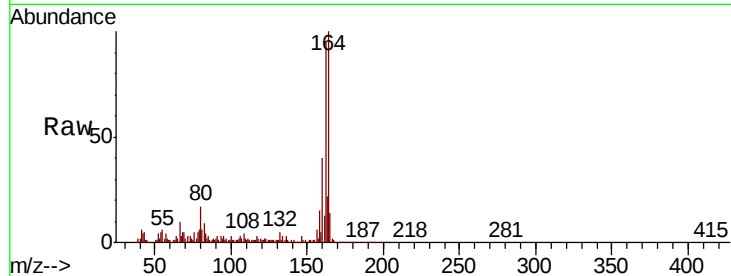
ClientSampleId :

WC-F1

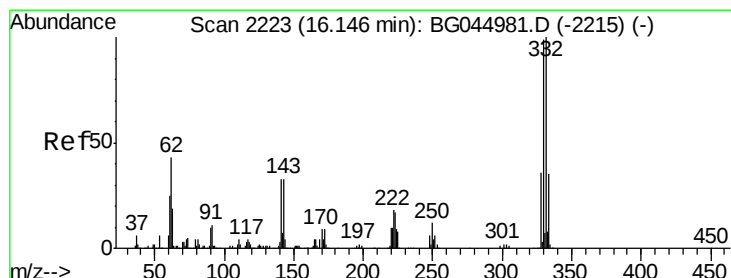
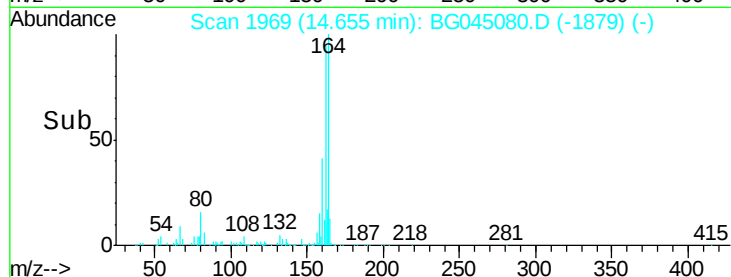
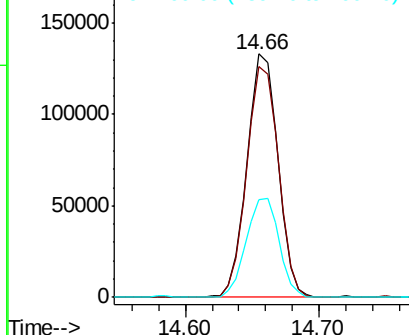
Tot Ion:	164	Resp:	213607
Ion Ratio	Lower	Upper	
164	100		
162	94.9	78.7	118.1
160	40.4	32.8	49.2

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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: 105.630 ng

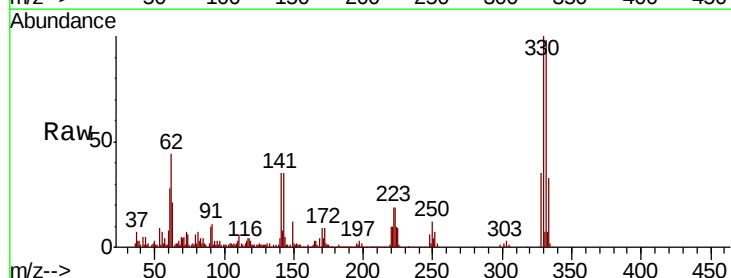
RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

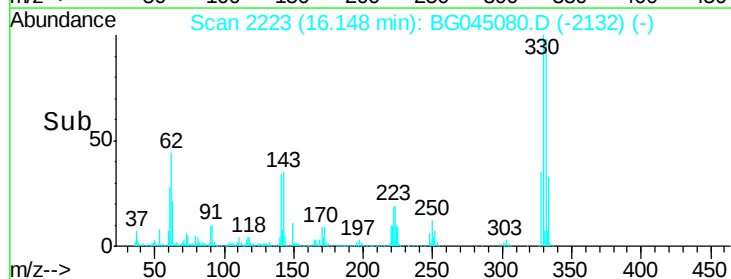
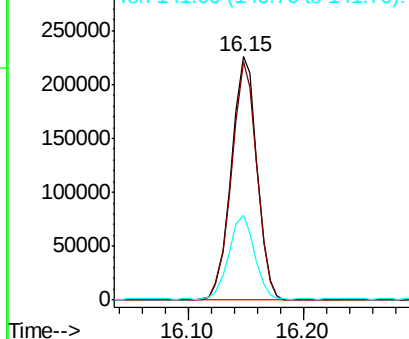
Lab File: BG045080.D

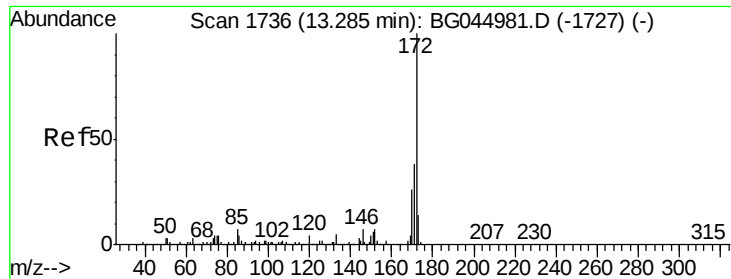
Acq: 18 Apr 2020 23:40

Tgt Ion:	330	Resp:	348572
Ion Ratio	Lower	Upper	
330	100		
332	95.9	79.1	118.7
141	34.4	27.1	40.7



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





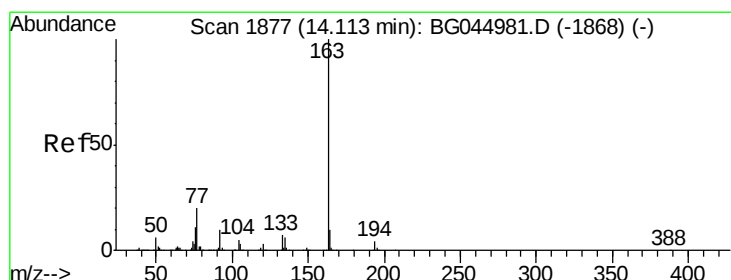
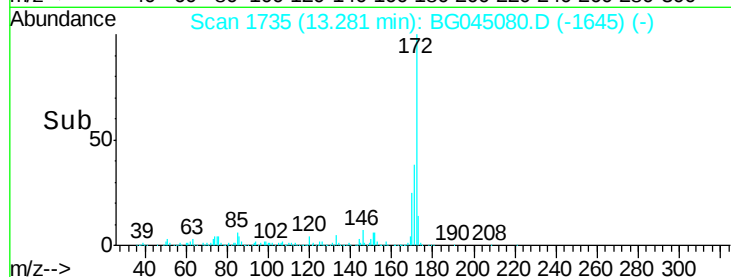
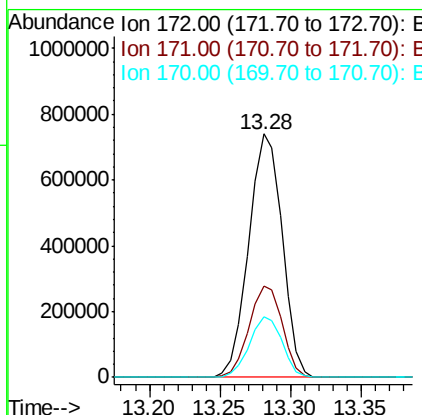
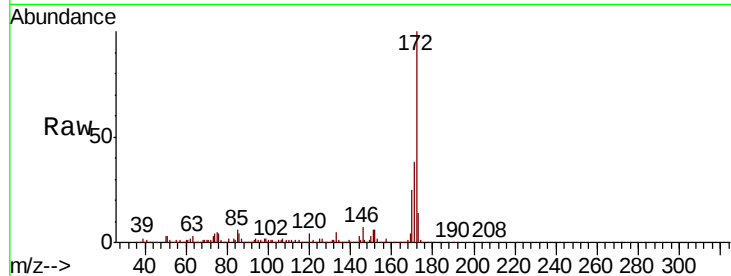
#45
2-Fluorobiphenyl
Concen: 84.052 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045080.D
Acq: 18 Apr 2020 23:40

Instrument :
BNA_G
ClientSampled :
WC-F1

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.6	46.0
170	25.1	20.5	30.7

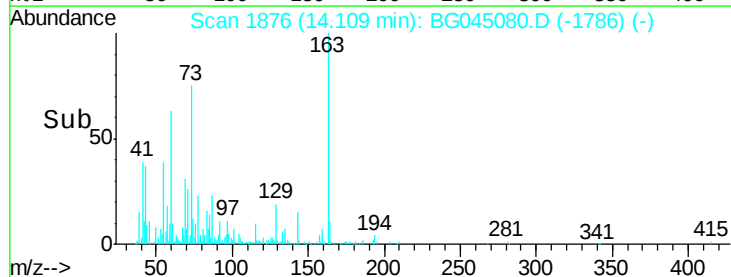
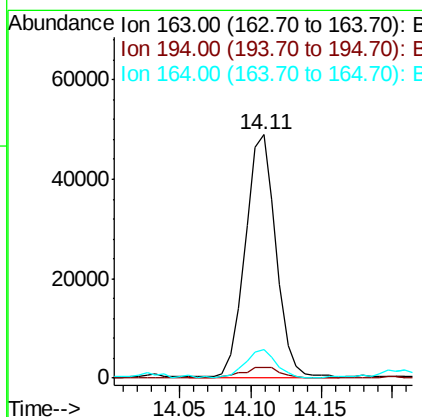
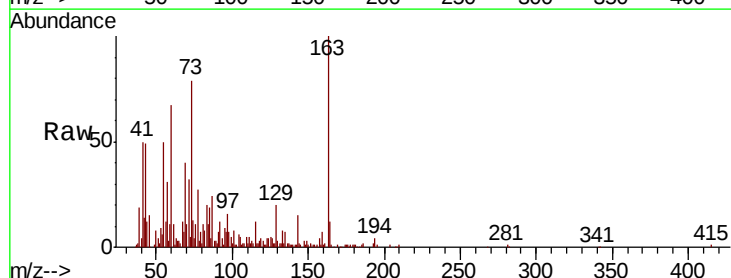
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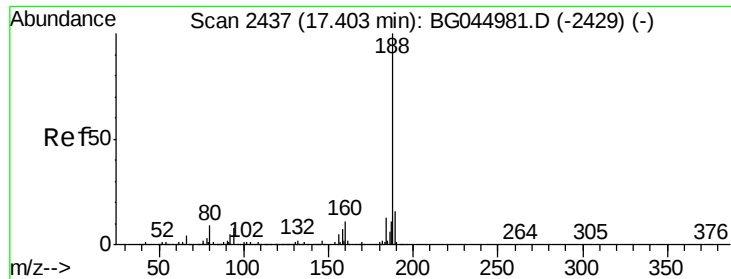
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#50
Dimethylphthalate
Concen: 4.251 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG045080.D
Acq: 18 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	11.9	8.2	12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG045080.D

Acq: 18 Apr 2020 23:40

Instrument :

BNA_G

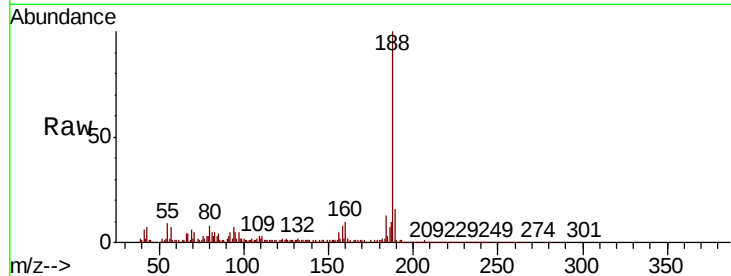
ClientSampleId :

WC-F1

Tot Ion:	188	Resp:	413355
Ion Ratio	Lower	Upper	
188	100		
94	7.3	6.2	9.4
80	8.2	7.0	10.6

Manual Integrations
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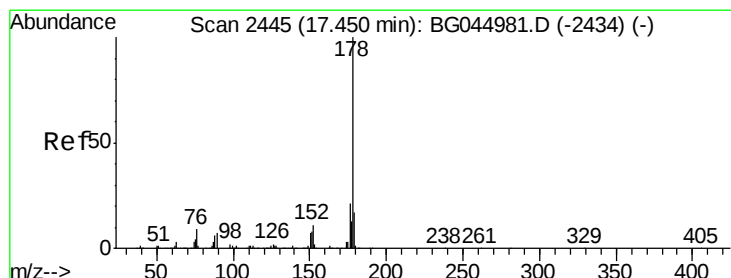
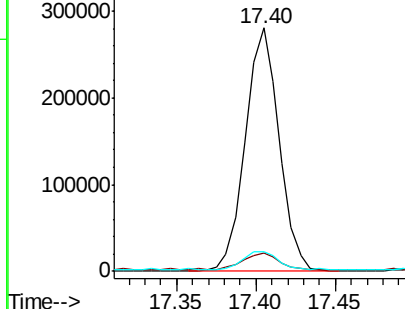
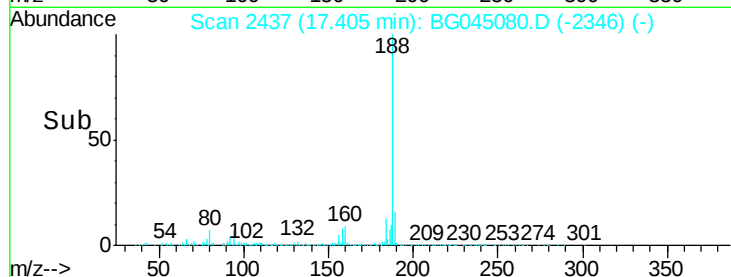
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#71

Phenanthrene

Concen: 5.604 ng

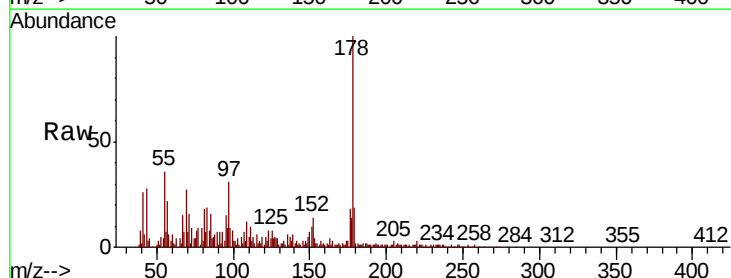
RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG045080.D

Acq: 18 Apr 2020 23:40

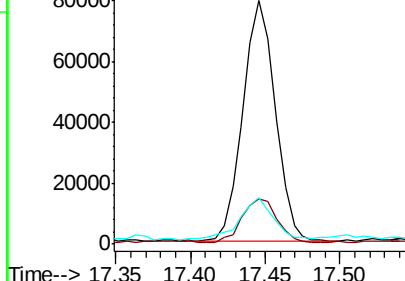
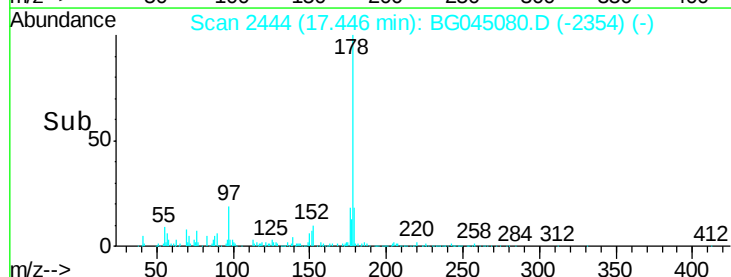
Tgt Ion:	178	Resp:	119043
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.8	25.2
179	18.9	13.2	19.8

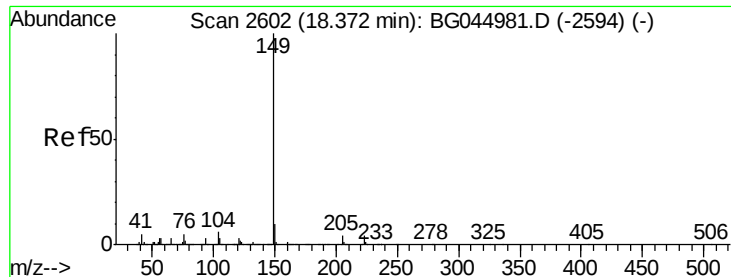


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





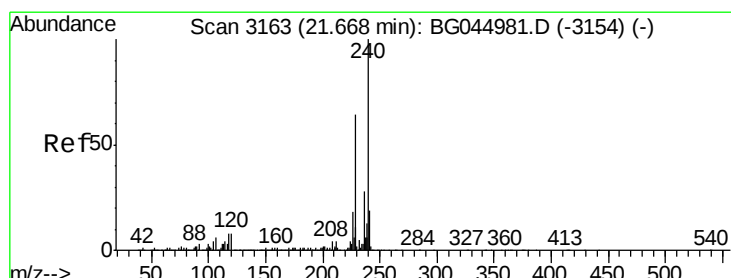
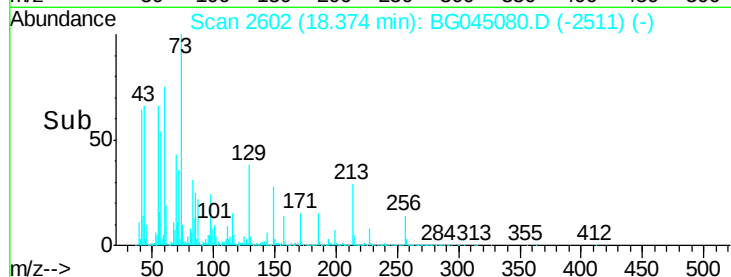
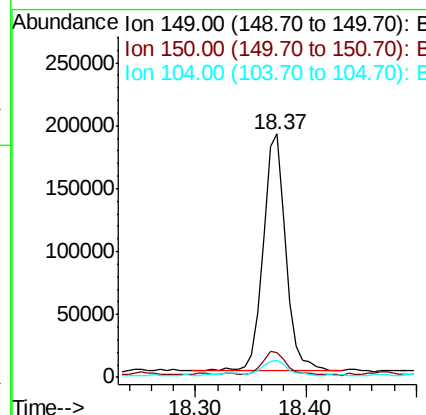
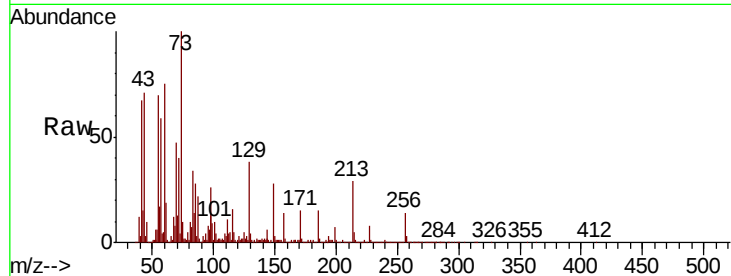
#74
Di-n-butylphthalate
Concen: 6.204 ng
RT: 18.37 min Scan# 2602
Delta R.T. 0.00 min
Lab File: BG045080.D
Acq: 18 Apr 2020 23:40

Instrument :
BNA_G
ClientSampled :
WC-F1

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	7.2	4.8	7.2

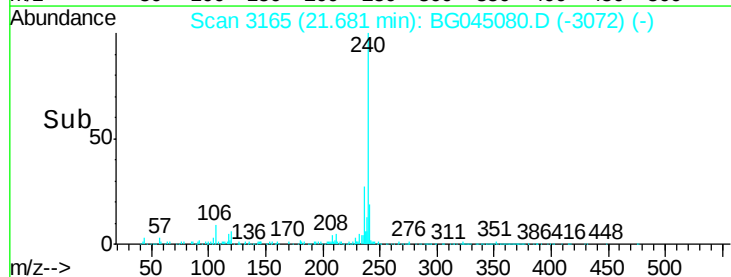
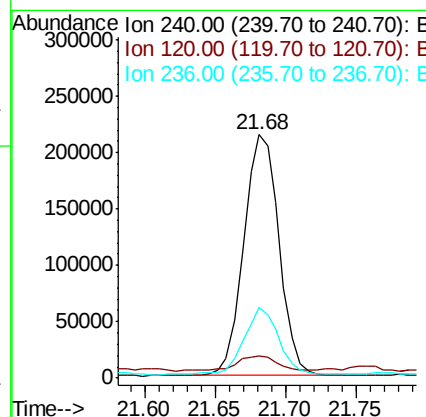
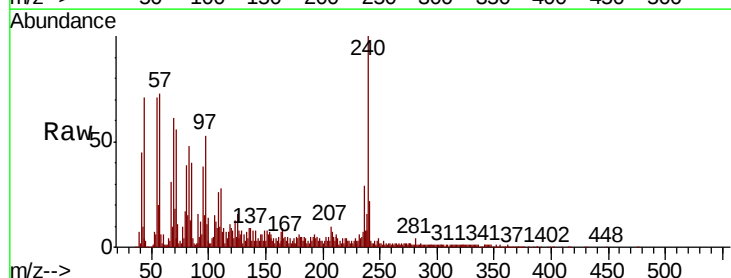
Manual Integrations
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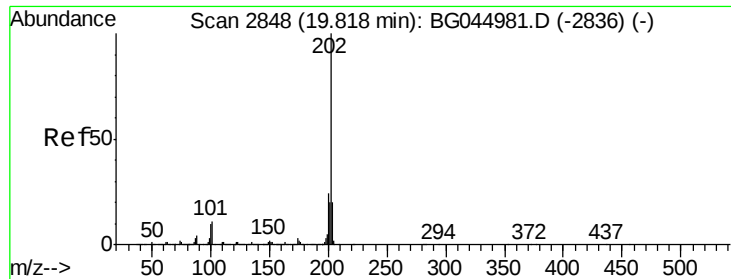
mohammad
4/21/2020 8:21:32 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. 0.02 min
Lab File: BG045080.D
Acq: 18 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.6	10.0
236	28.9	22.2	33.2





#78

Pvrene

Concen: 3.339 ng/mL

RT: 19.82 min Scan# 2848

Delta R.T. 0.01 min

Lab File: BG045080.D

Acq: 18 Apr 2020 23:40

Instrument :

BNA_G

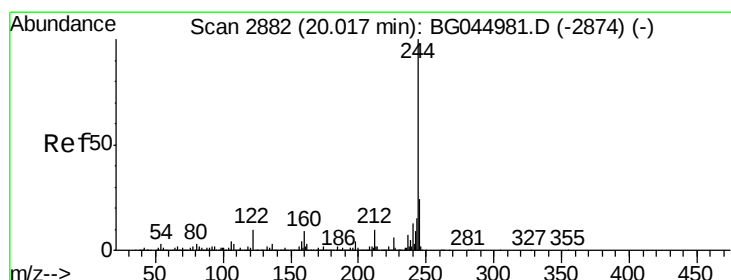
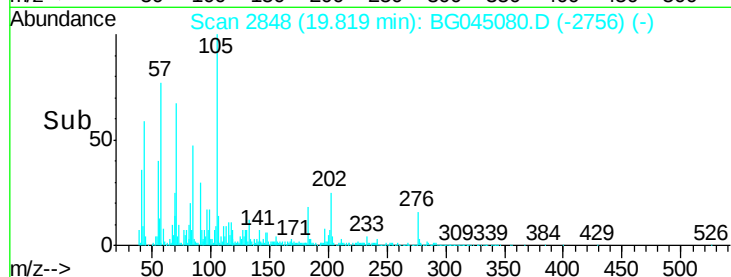
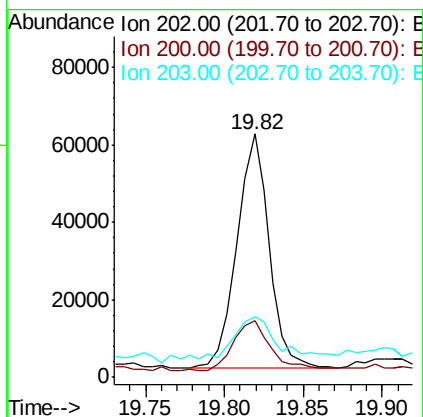
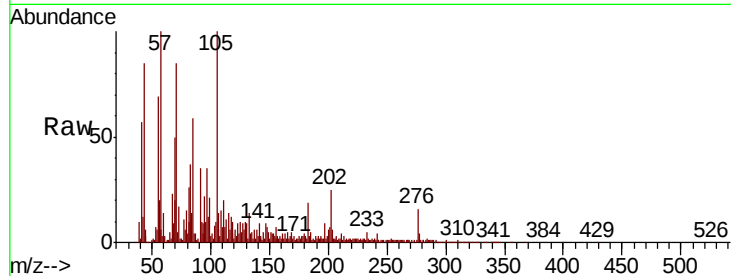
ClientSampleId :

WC-F1

Tot Ion:	202	Resp:	85960
Ion Ratio	Lower	Upper	
202	100		
200	23.4	19.0	28.6
203	25.1	16.1	24.1#

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#79

Terphenyl-d14

Concen: 89.954 ng/mL

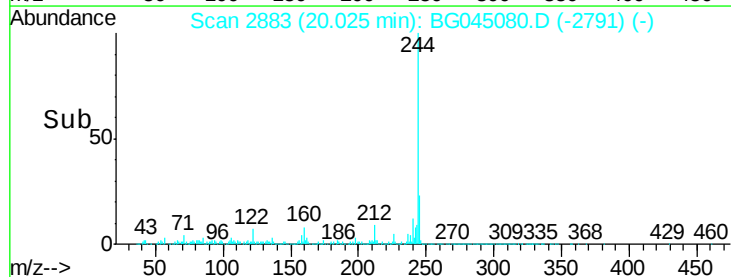
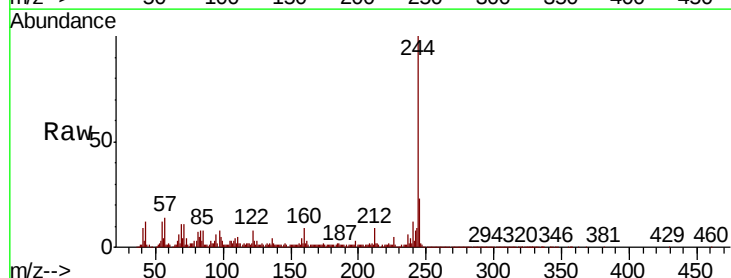
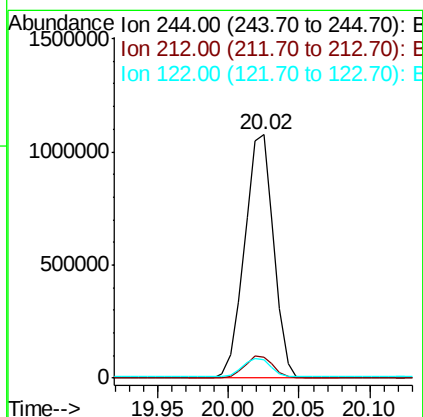
RT: 20.02 min Scan# 2883

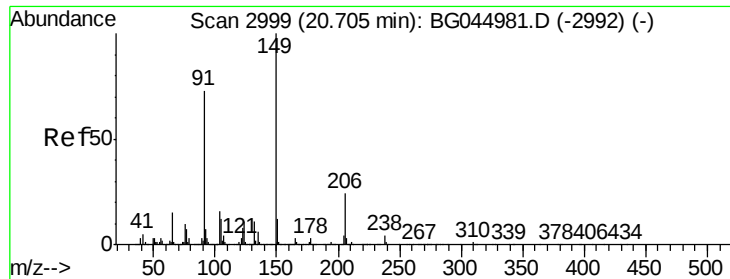
Delta R.T. 0.01 min

Lab File: BG045080.D

Acq: 18 Apr 2020 23:40

Tgt Ion:	244	Resp:	1541339
Ion Ratio	Lower	Upper	
244	100		
212	8.8	7.9	11.9
122	7.7	7.7	11.5#





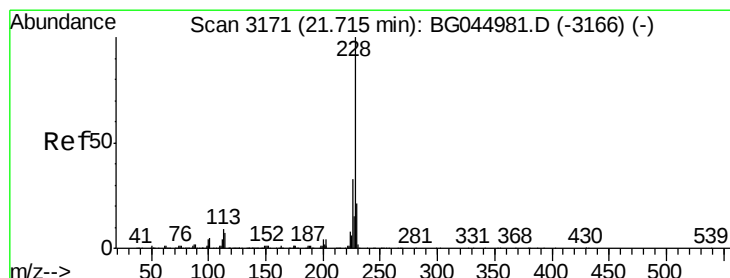
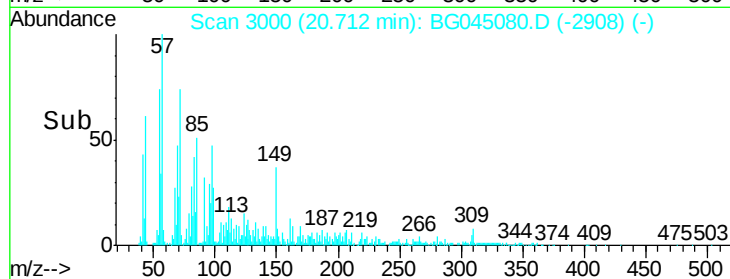
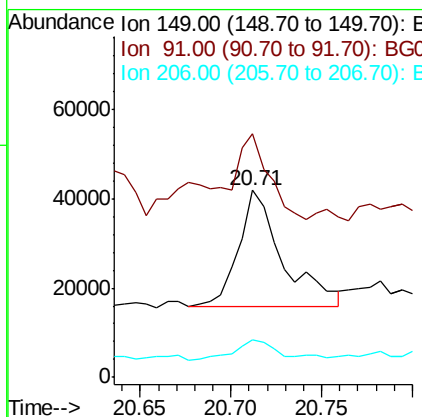
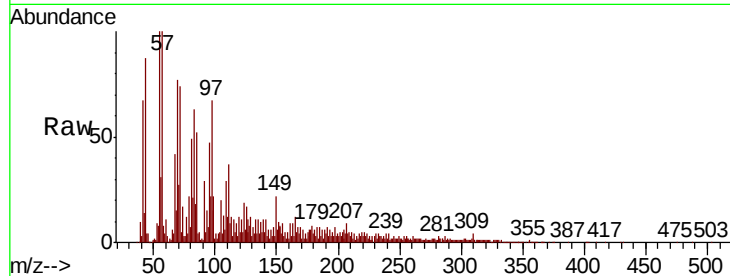
#80
Butylbenzylphthalate
Concen: 4.096 ng
RT: 20.71 min Scan# 3000
Delta R.T. 0.01 min
Lab File: BG045080.D
Acq: 18 Apr 2020 23:40

Instrument :
BNA_G
ClientSampled :
WC-F1

Tot Ion	Ratio	Lower	Upper
149	100		
91	130.2	58.5	87.7#
206	20.1	19.2	28.8

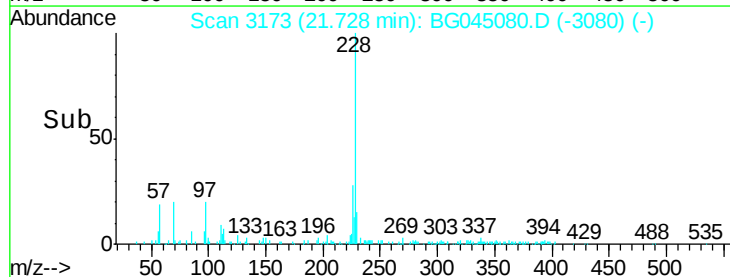
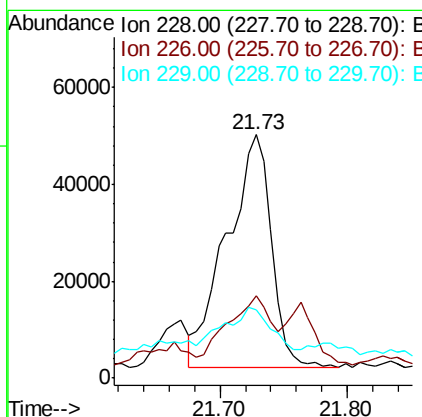
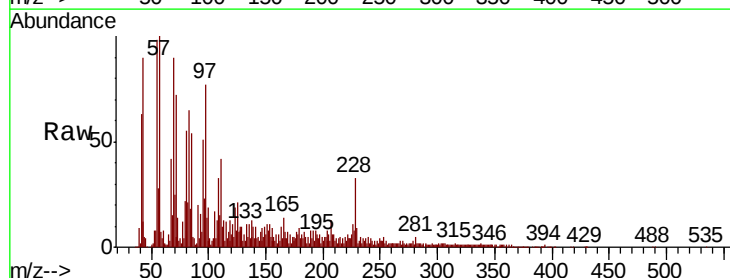
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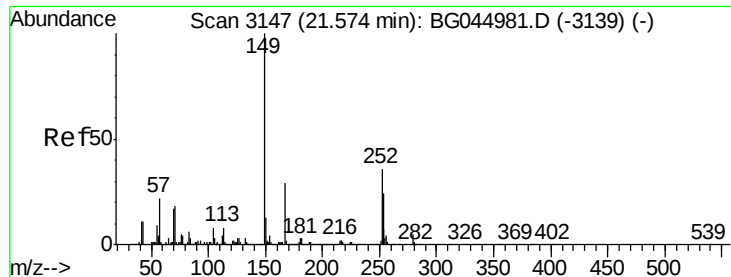
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#83
Chrysene
Concen: 5.088 ng
RT: 21.73 min Scan# 3173
Delta R.T. 0.02 min
Lab File: BG045080.D
Acq: 18 Apr 2020 23:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.2	39.4
229	28.1	17.0	25.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 15.712 ng

RT: 21.58 min Scan# 3148

Delta R.T. 0.02 min

Lab File: BG045080.D

Acq: 18 Apr 2020 23:40

Instrument :

BNA_G

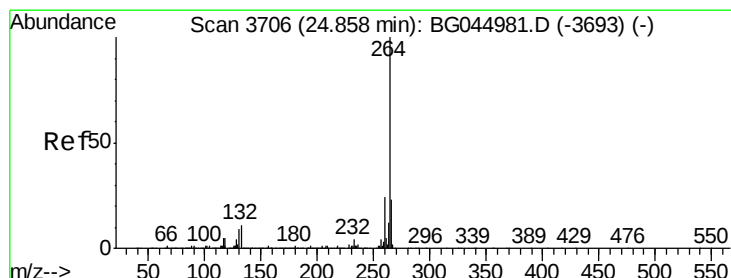
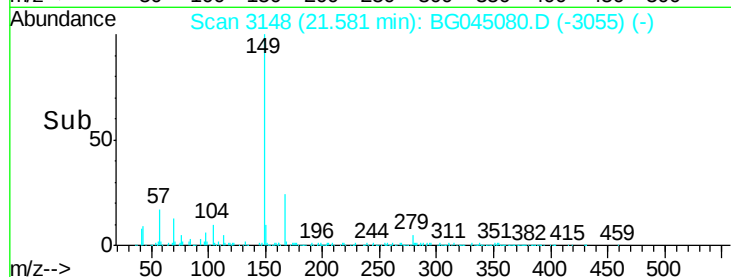
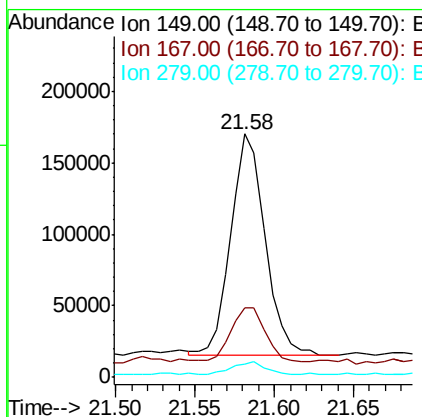
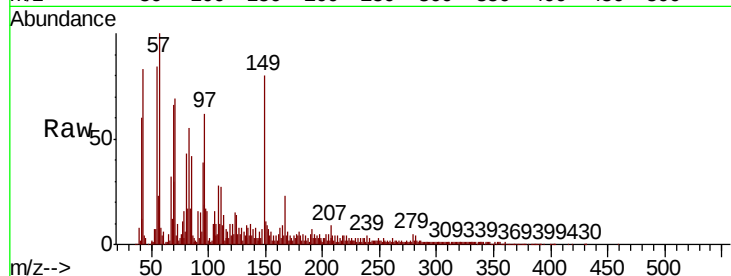
ClientSampleId :

WC-F1

Tot Ion:	149	Resp:	230626
Ion Ratio	Lower	Upper	
149	100		
167	28.8	23.4	35.0
279	5.7	4.3	6.5

Manual Integrations
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#87

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3713

Delta R.T. 0.05 min

Lab File: BG045080.D

Acq: 18 Apr 2020 23:40

Tgt Ion:	264	Resp:	391615
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	23.5	19.0	28.4

