

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045081.D
 Acq On : 19 Apr 2020 00:20
 Operator : CG/JU
 Sample : L2304-13
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-F2

Manual Integrations
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mohammad
 4/21/2020 8:21:35 AM

Quant Time: Apr 20 08:46:41 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	86852	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	340833	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	224498	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	430206	20.00	ng	0.00
76) Chrysene-d12	21.68	240	386510	20.00	ng	0.01
87) Perylene-d12	24.88	264	409183	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	552865	105.09	ng	0.01
7) Phenol-d6	7.20	99	872992	111.69	ng	0.02
23) Nitrobenzene-d5	9.18	82	597073	79.93	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	318223	91.75	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1289129	84.20	ng	0.00
79) Terphenyl-d14	20.02	244	1549993	87.41	ng	0.00
Target Compounds						
32) Benzoic acid	10.31	122	30014m	12.531	ng	Qvalue
50) Dimethylphthalate	14.11	163	109157	5.972	ng	99
71) Phenanthrene	17.45	178	99296	4.492	ng	97
74) Di-n-butylphthalate	18.37	149	309126	7.570	ng	# 98
78) Pyrene	19.82	202	72117	2.706	ng	# 90
80) Butylbenzylphthalate	20.71	149	37931	3.434	ng	# 58
83) Chrysene	21.72	228	70738	2.939	ng	# 92
84) Bis(2-ethylhexyl)phthalate	21.58	149	203034	13.366	ng	# 99

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

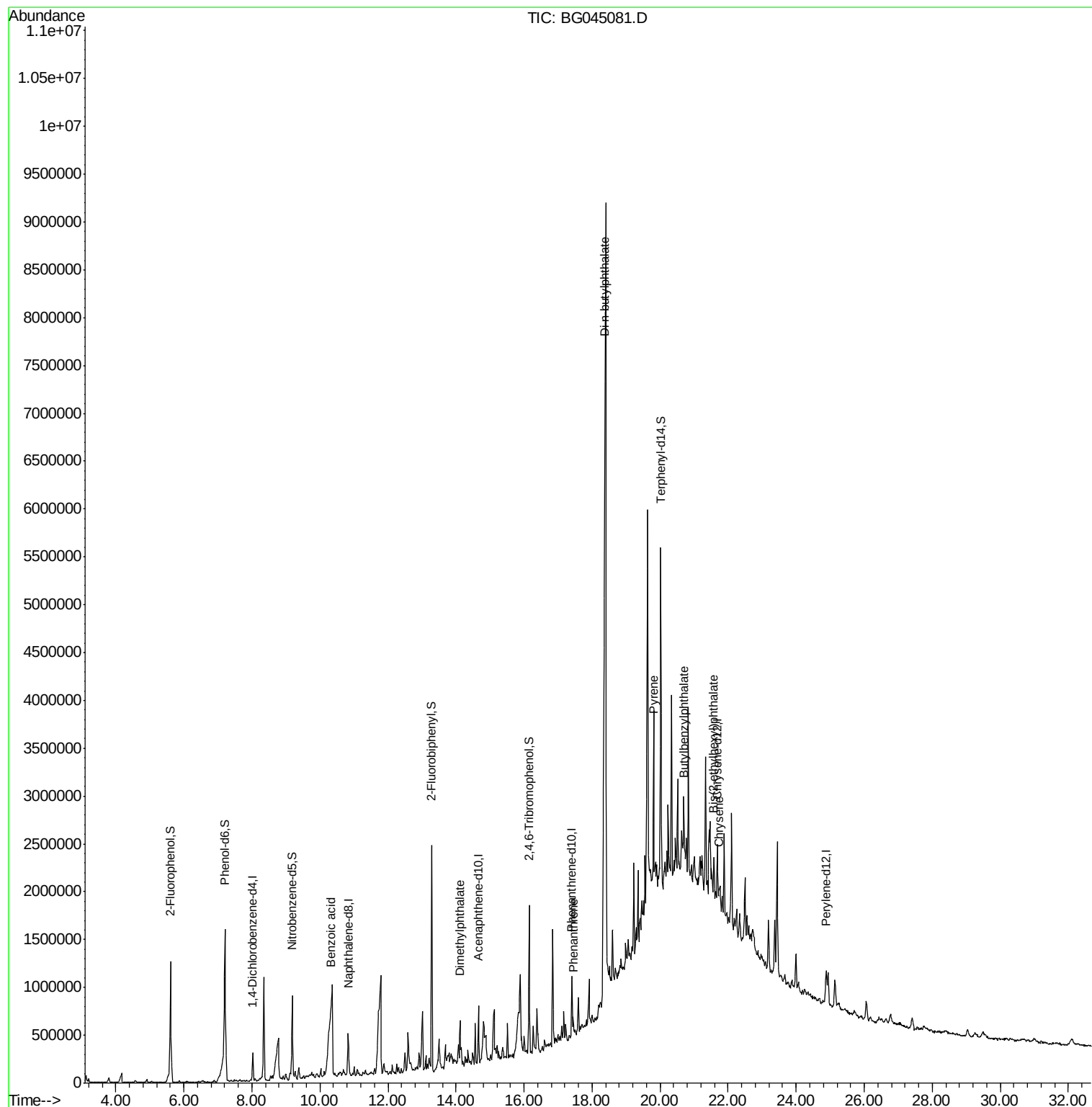
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045081.D
Acq On : 19 Apr 2020 00:20
Operator : CG/JU
Sample : L2304-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

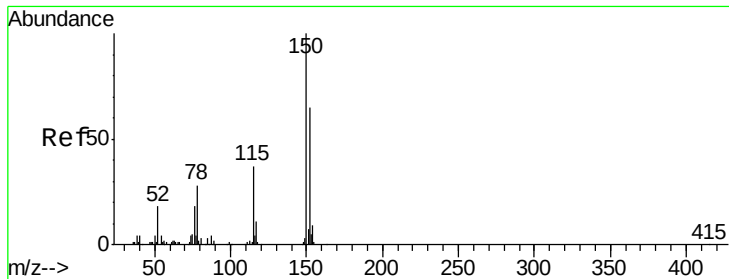
Instrument :
BNA_G
ClientSampleId :
WC-F2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





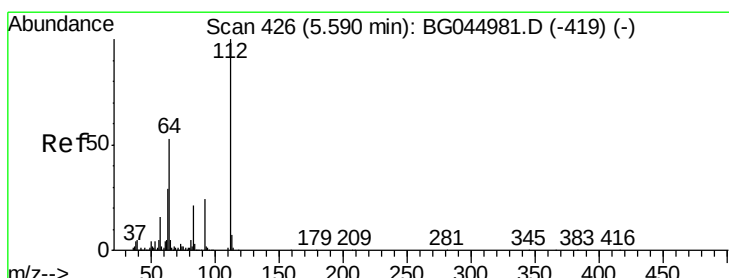
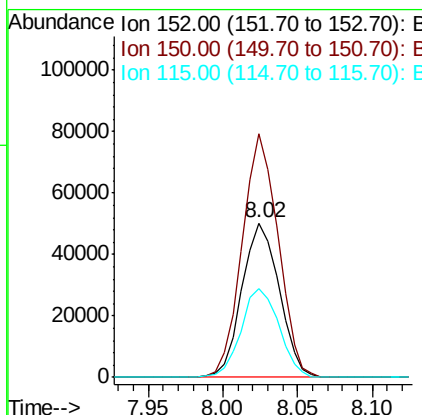
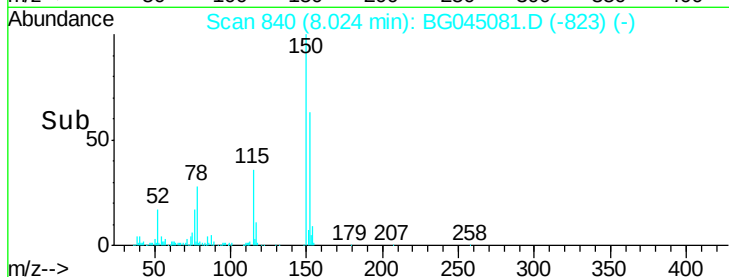
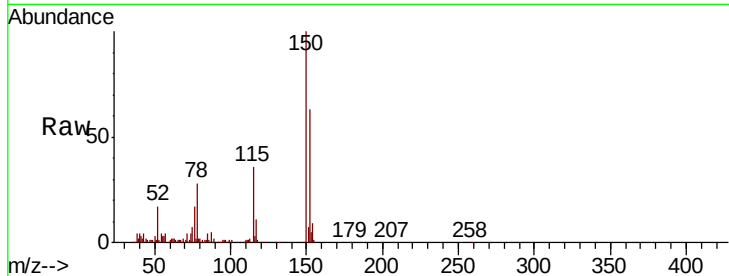
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Instrument :
BNA_G
ClientSampled :
WC-F2

Tot Ion:	152	Resp:	86852
Ion Ratio	Lower	Upper	
152	100		
150	158.0	123.6	185.4
115	57.2	49.1	73.7

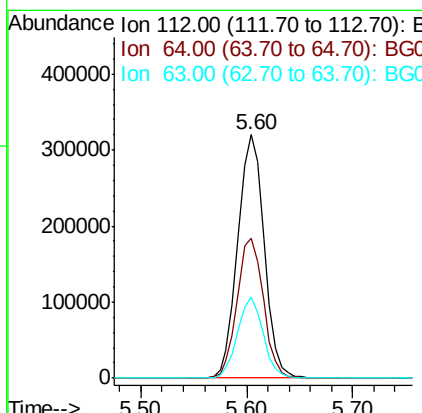
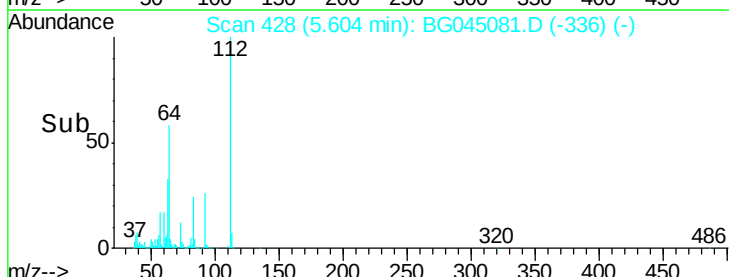
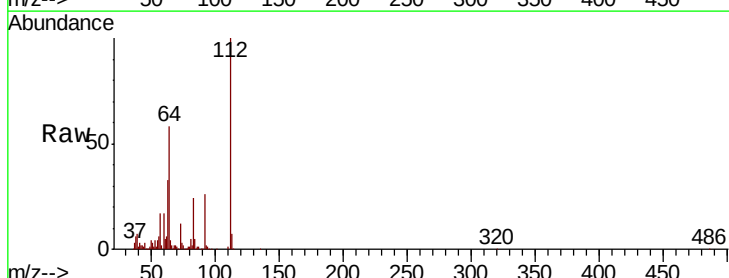
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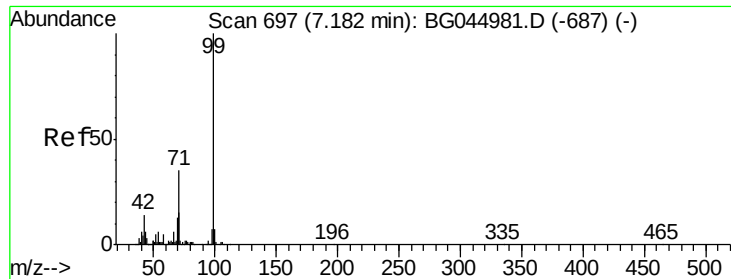
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#5
2-Fluorophenol
Concen: 105.093 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Tgt Ion:	112	Resp:	552865
Ion Ratio	Lower	Upper	
112	100		
64	57.6	42.4	63.6
63	33.2	23.1	34.7





#7

Phenol-d6

Concen: 111.691 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.02 min

Lab File: BG045081.D

Acq: 19 Apr 2020 00:20

Instrument :

BNA_G

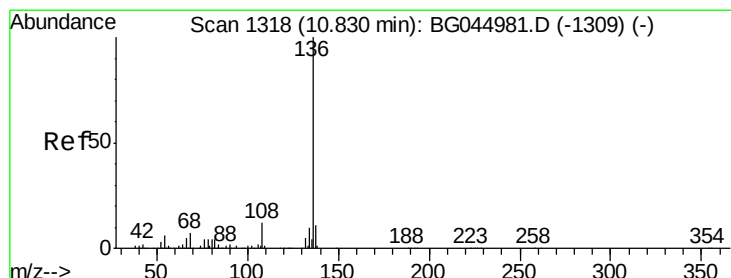
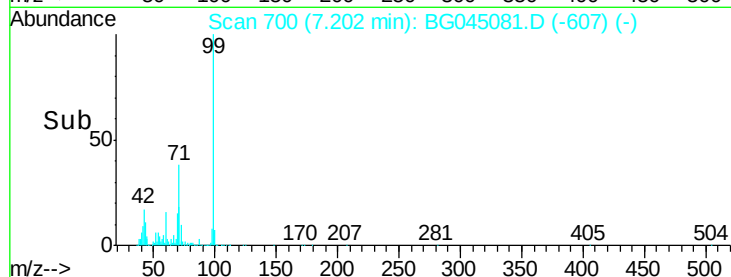
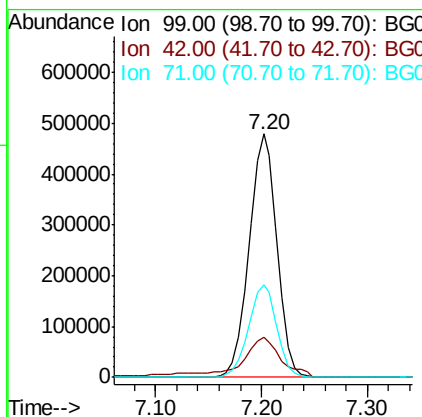
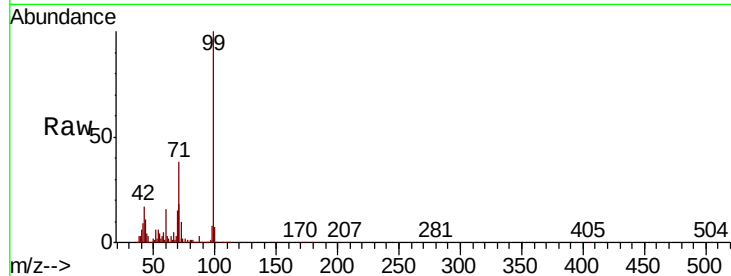
ClientSampleId :

WC-F2

Tot Ion:	99	Resp:	872992
Ion	Ratio	Lower	Upper
99	100		
42	16.6	11.3	16.9
71	38.0	28.3	42.5

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#21

Naphthalene-d8

Concen: 20.000 ng

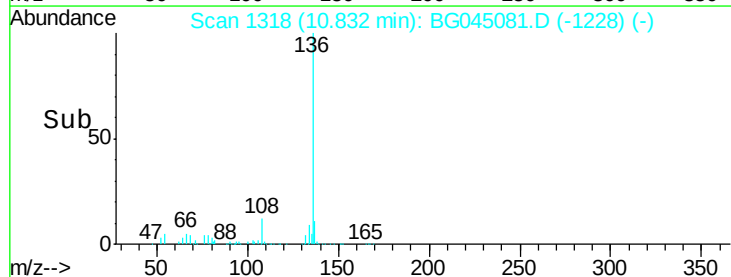
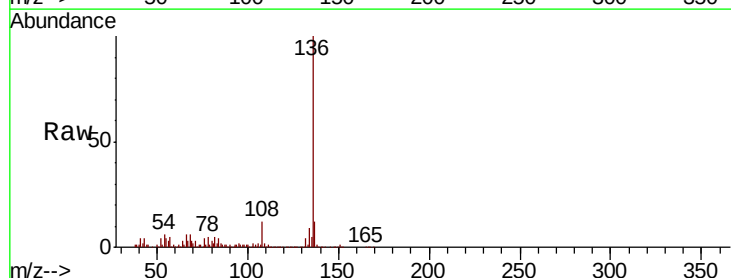
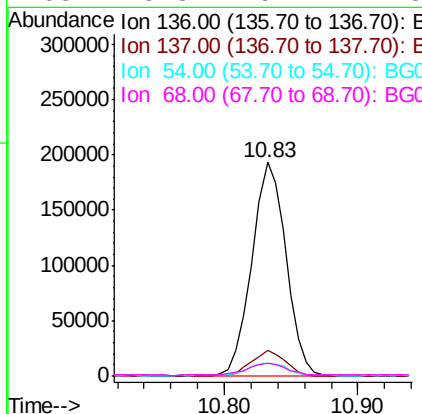
RT: 10.83 min Scan# 1318

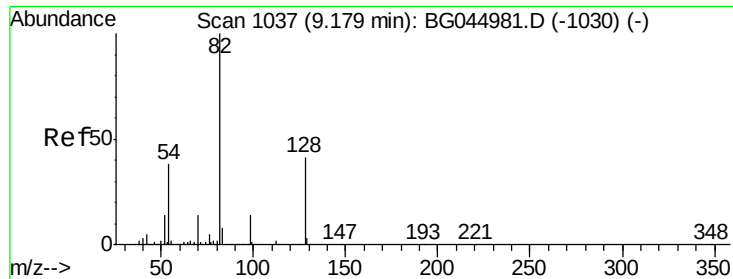
Delta R.T. -0.00 min

Lab File: BG045081.D

Acq: 19 Apr 2020 00:20

Tgt Ion:	136	Resp:	340833
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	6.2	4.8	7.2
68	5.8	5.2	7.8





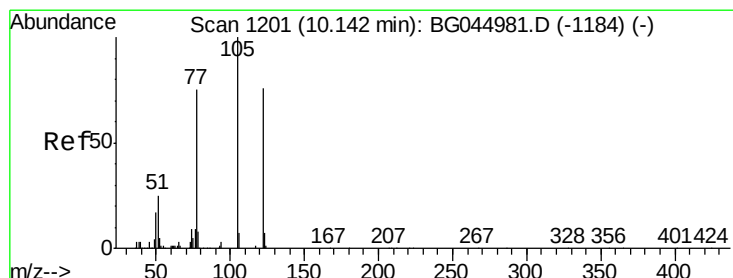
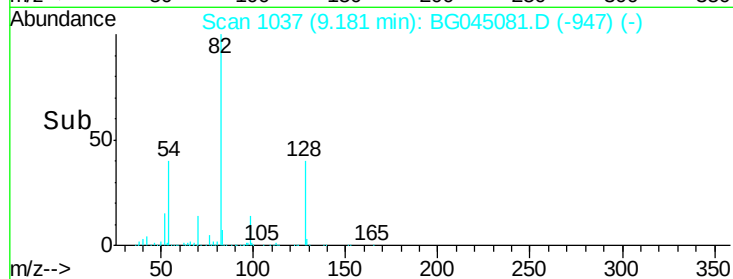
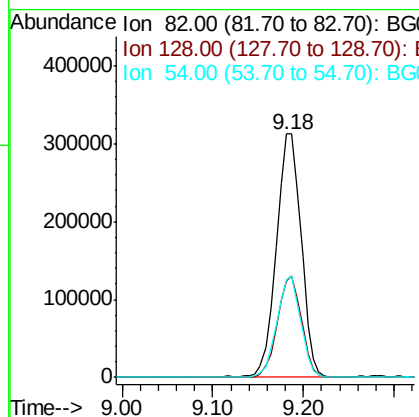
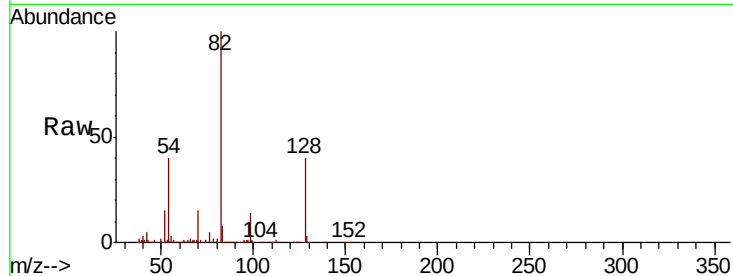
#23
Nitrobenzene-d5
Concen: 79.933 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
WC-F2

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.0	49.4
54	40.4	30.4	45.6

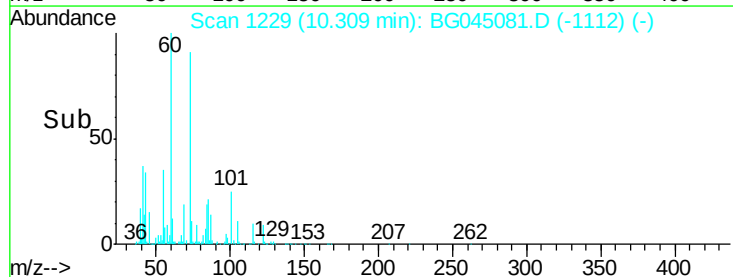
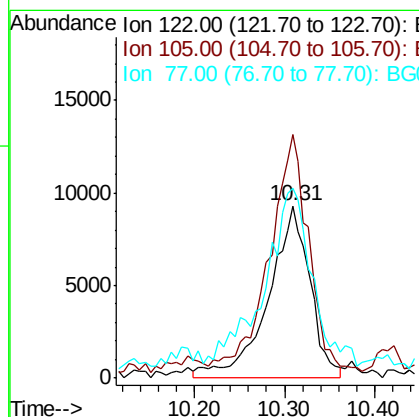
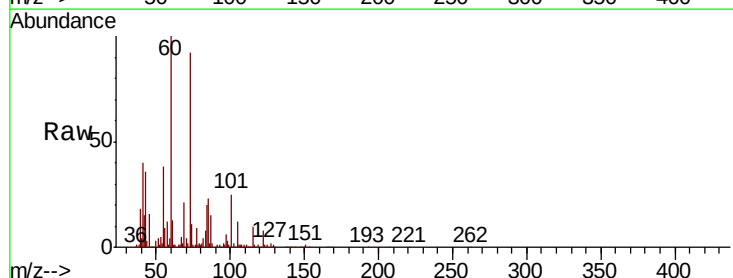
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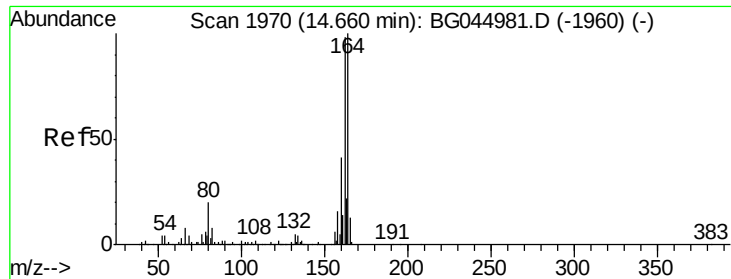
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#32
Benzoic acid
Concen: 12.531 ng m
RT: 10.31 min Scan# 1229
Delta R.T. 0.16 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.4	108.4	148.4
77	110.2	78.8	118.8





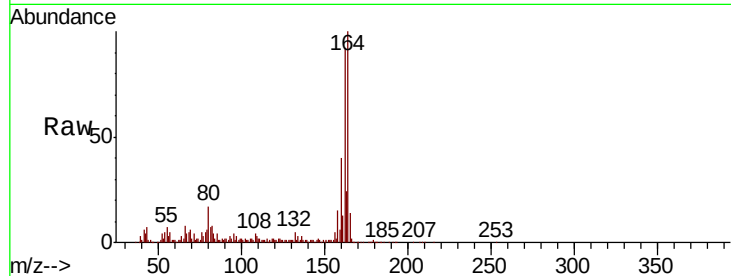
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
WC-F2

Tot Ion	Ratio	Lower	Upper
164	100		
162	92.4	78.7	118.1
160	40.1	32.8	49.2

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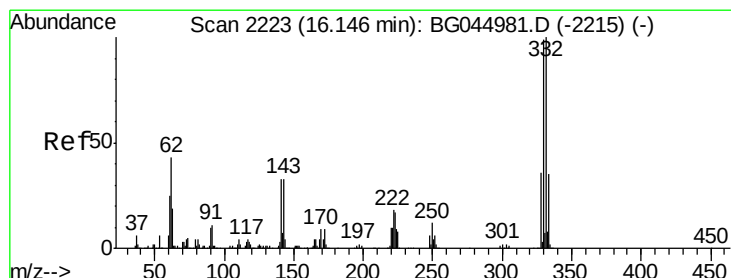
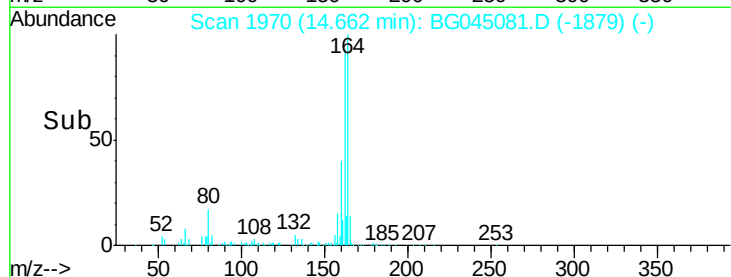
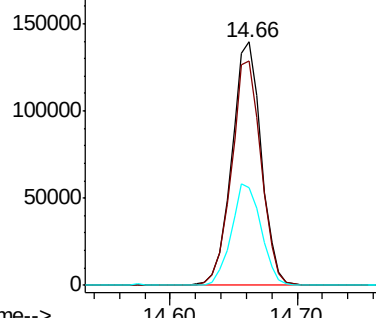


Abundance

Ion 164.00 (163.70 to 164.70): E

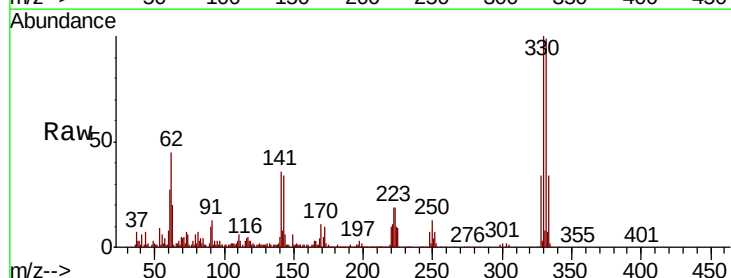
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 91.755 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.1	118.7
141	35.1	27.1	40.7

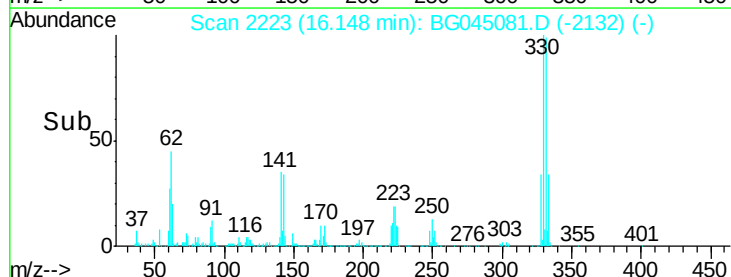
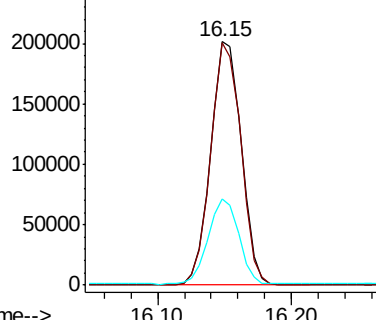


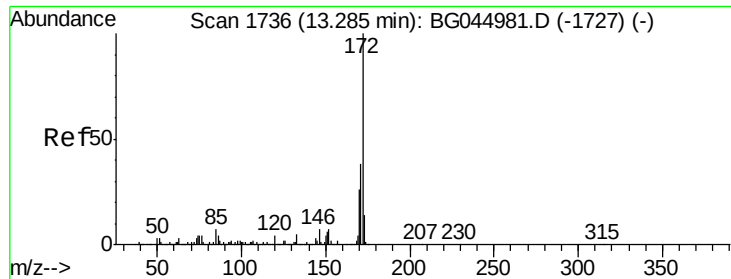
Abundance

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





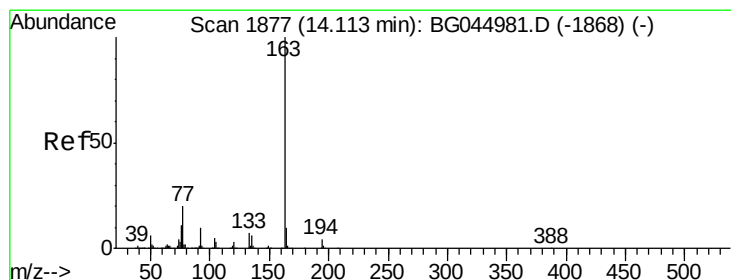
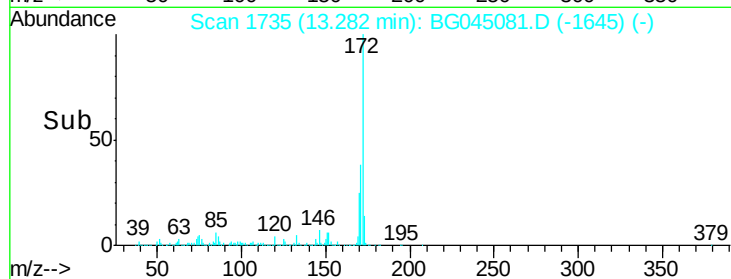
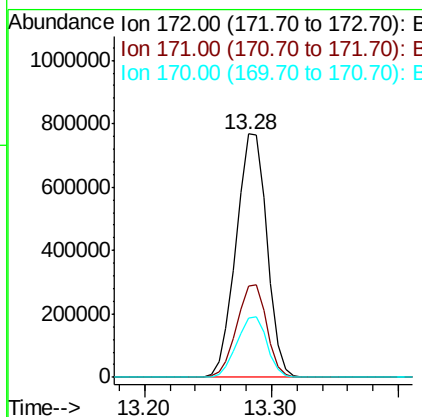
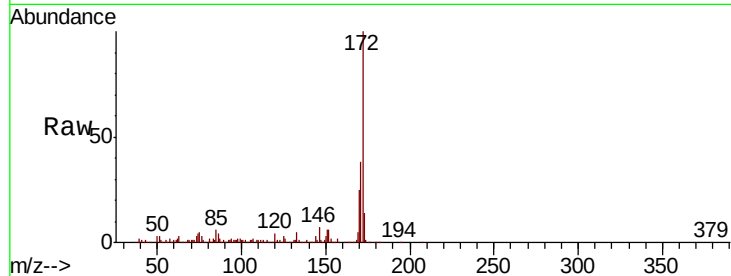
#45
2-Fluorobiphenyl
Concen: 84.200 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
WC-F2

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.6	46.0
170	24.6	20.5	30.7

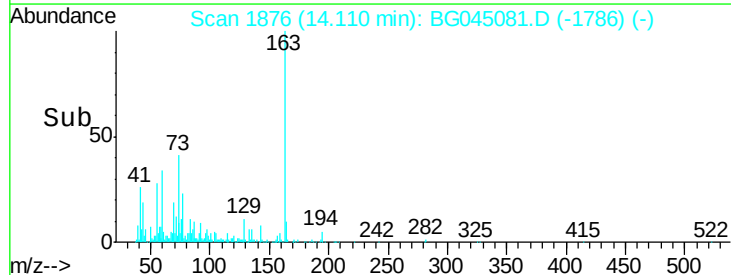
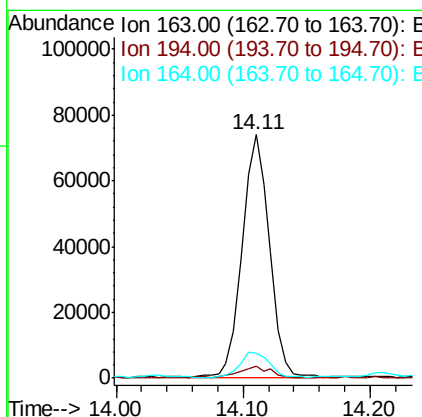
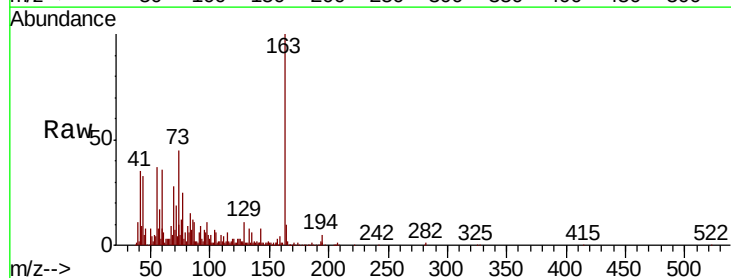
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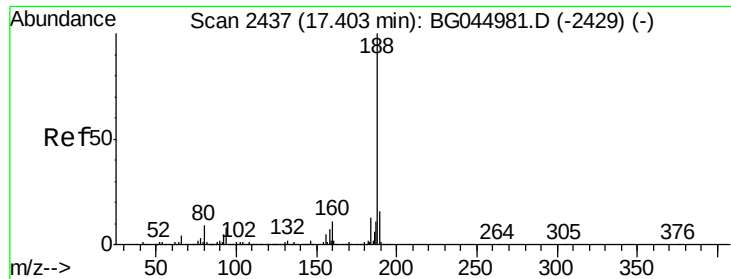
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#50
Dimethylphthalate
Concen: 5.972 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	9.9	8.2	12.4





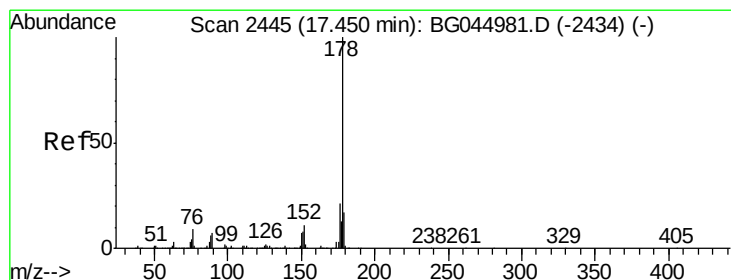
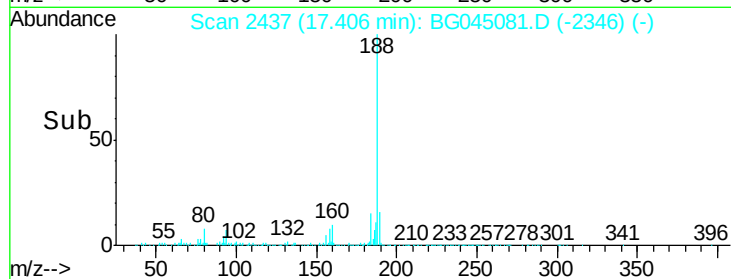
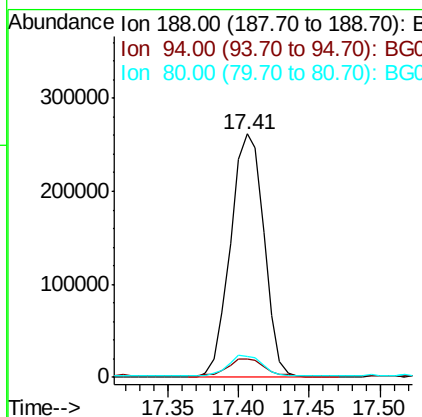
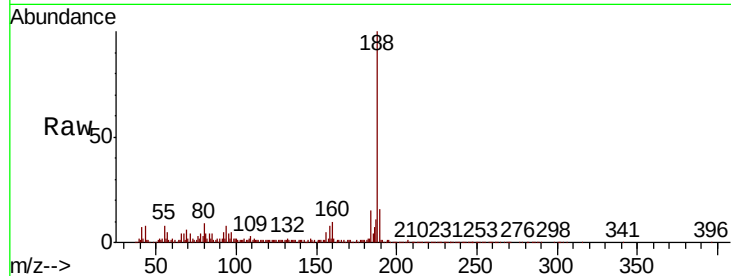
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
WC-F2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	430206		
94	7.6		6.2	9.4
80	8.8		7.0	10.6

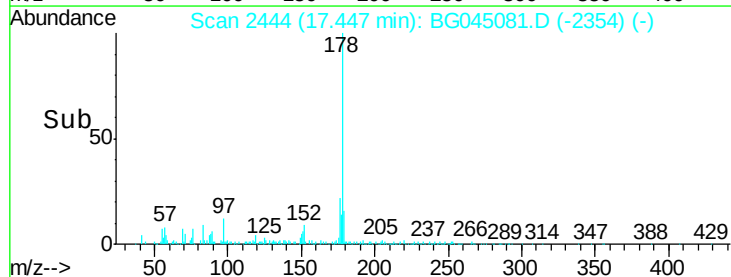
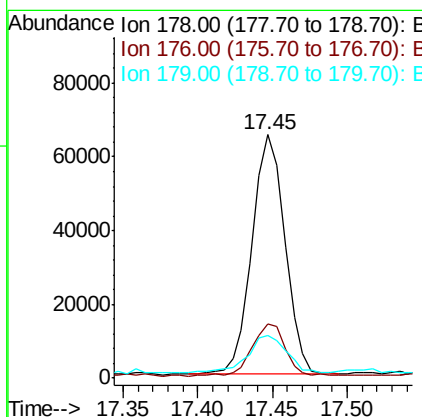
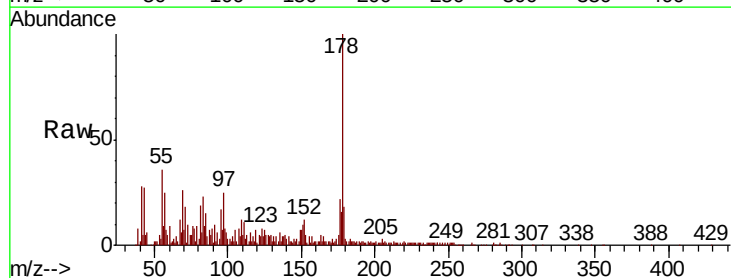
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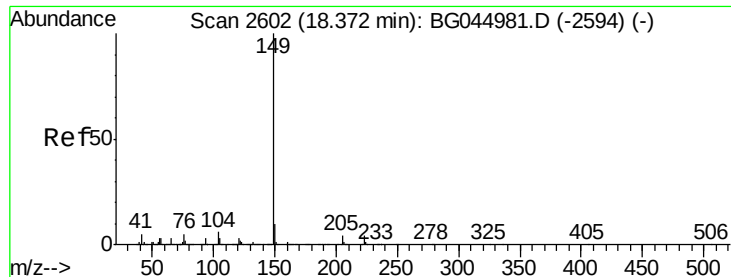
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#71
Phenanthrene
Concen: 4.492 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	99296		
176	22.3		16.8	25.2
179	17.8		13.2	19.8





#74

Di-n-butylphthalate

Concen: 7.570 ng

RT: 18.37 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BG045081.D

Acq: 19 Apr 2020 00:20

Instrument :

BNA_G

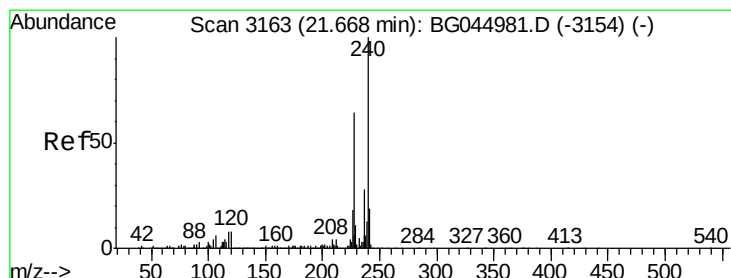
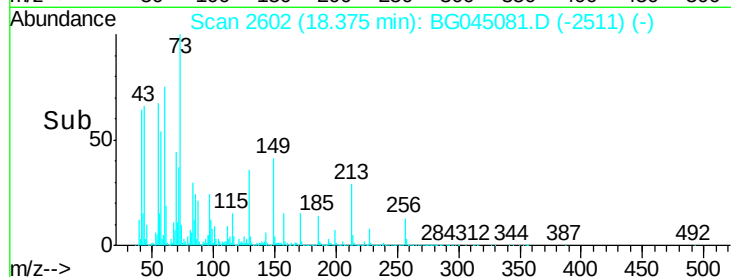
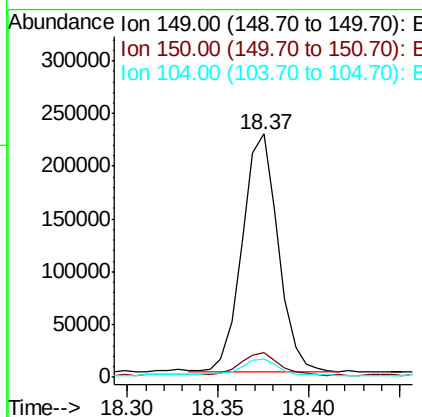
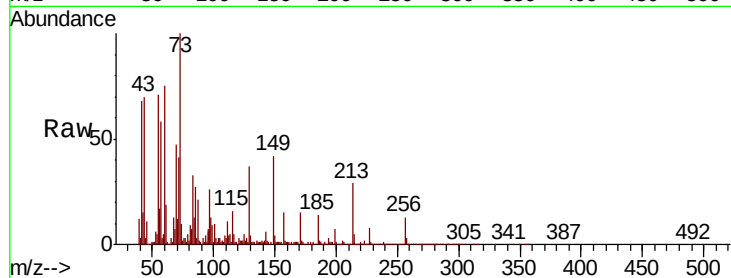
ClientSampleId :

WC-F2

Tot Ion:	149	Resp:	309126
Ion Ratio	Lower	Upper	
149	100		
150	9.9	8.2	12.2
104	7.3	4.8	7.2#

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#76

Chrysene-d12

Concen: 20.000 ng

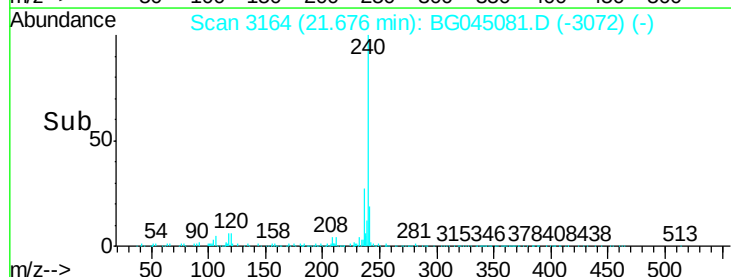
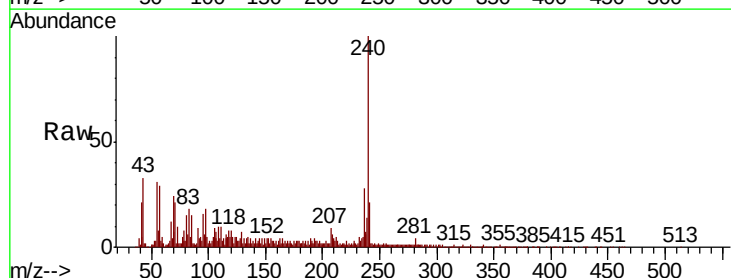
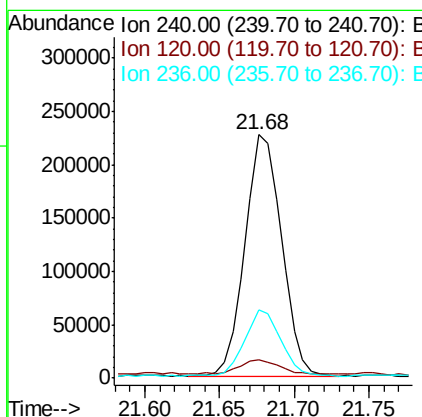
RT: 21.68 min Scan# 3164

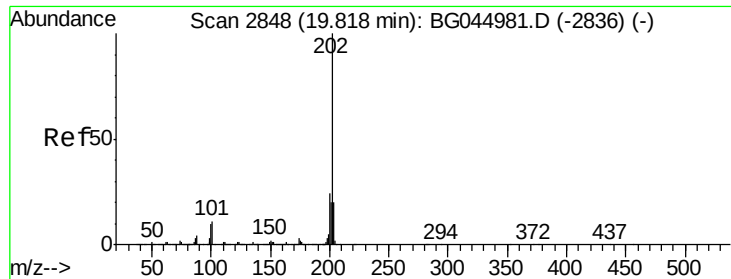
Delta R.T. 0.01 min

Lab File: BG045081.D

Acq: 19 Apr 2020 00:20

Tgt Ion:	240	Resp:	386510
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.6	10.0
236	28.0	22.2	33.2





#78

Pvrene

Concen: 2.706 ng

RT: 19.82 min Scan# 2848

Delta R.T. 0.01 min

Lab File: BG045081.D

Acq: 19 Apr 2020 00:20

Instrument :

BNA_G

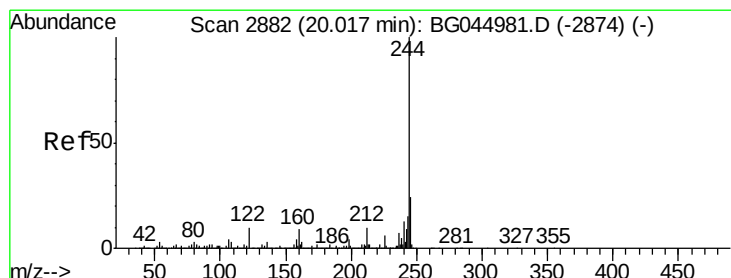
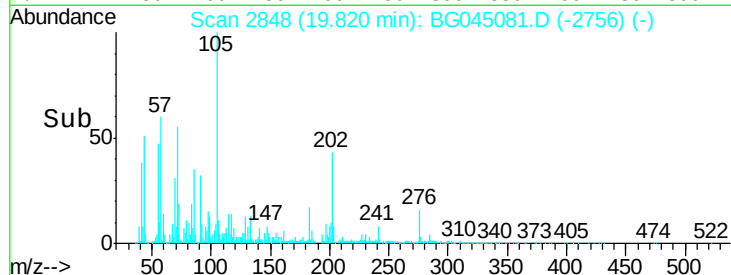
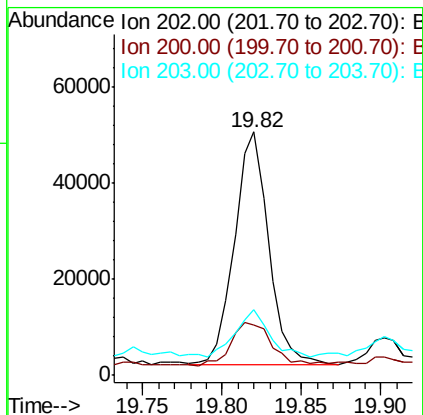
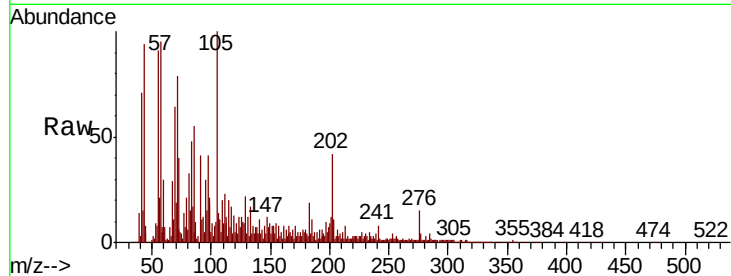
ClientSampleId :

WC-F2

Tot Ion:	202	Resp:	72117
Ion Ratio	Lower	Upper	
202	100		
200	20.7	19.0	28.6
203	26.8	16.1	24.1#

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#79

Terphenyl-d14

Concen: 87.406 ng

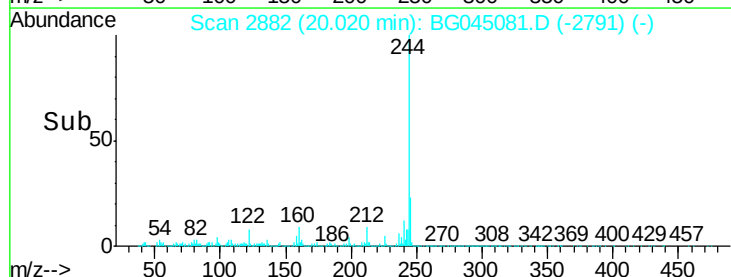
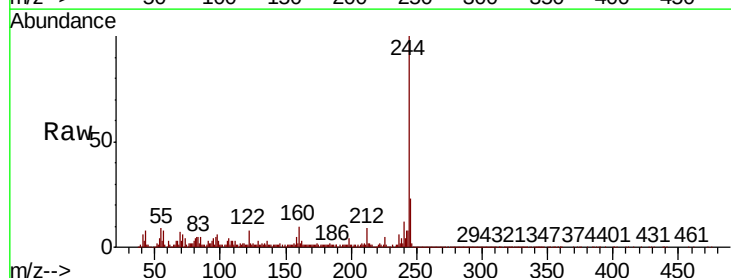
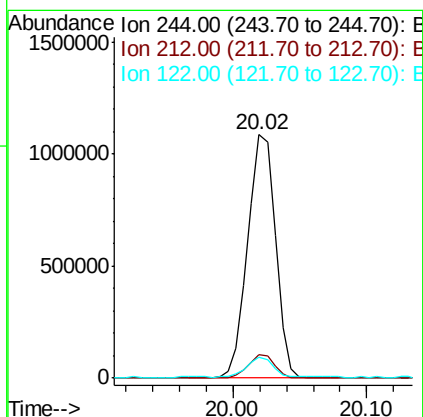
RT: 20.02 min Scan# 2882

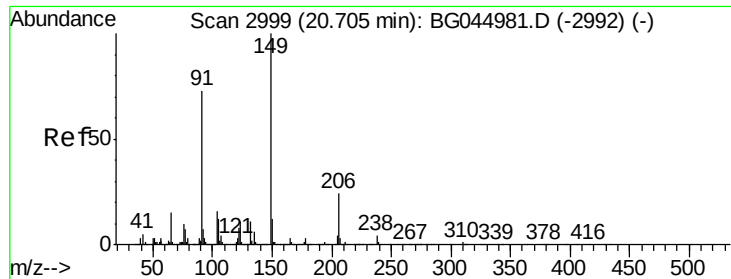
Delta R.T. 0.01 min

Lab File: BG045081.D

Acq: 19 Apr 2020 00:20

Tgt Ion:	244	Resp:	1549993
Ion Ratio	Lower	Upper	
244	100		
212	9.5	7.9	11.9
122	8.5	7.7	11.5





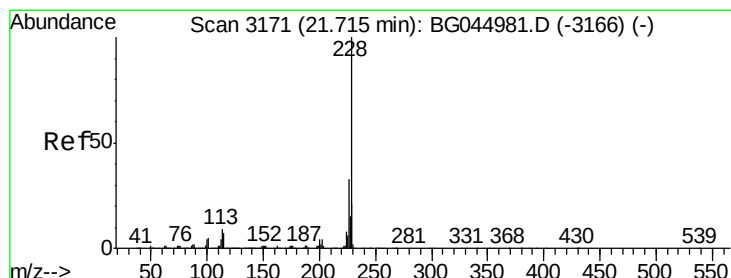
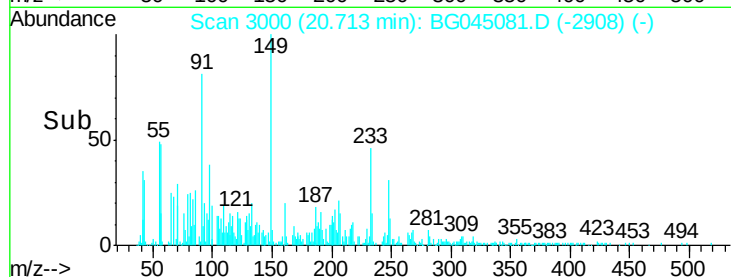
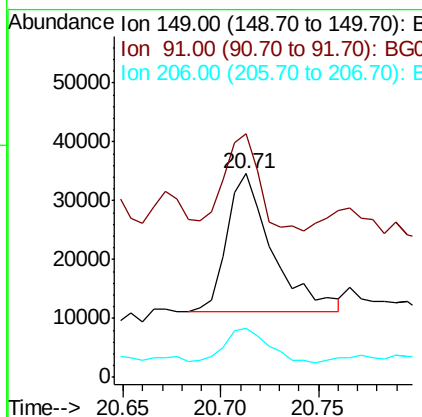
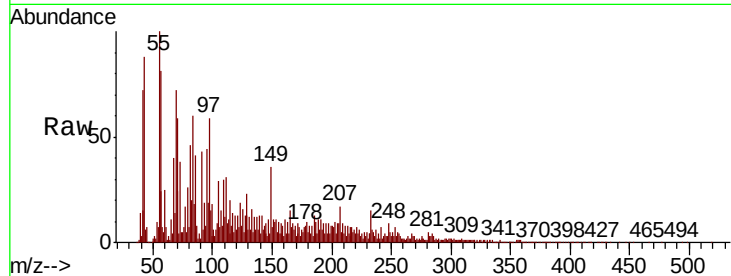
#80
Butylbenzylphthalate
Concen: 3.434 ng
RT: 20.71 min Scan# 3000
Delta R.T. 0.01 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
WC-F2

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	119.5	58.5	87.7#	
206	24.4	19.2	28.8	

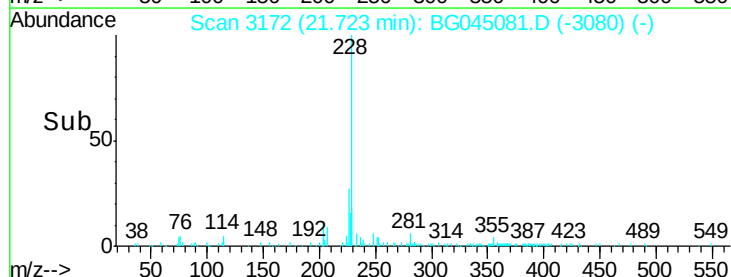
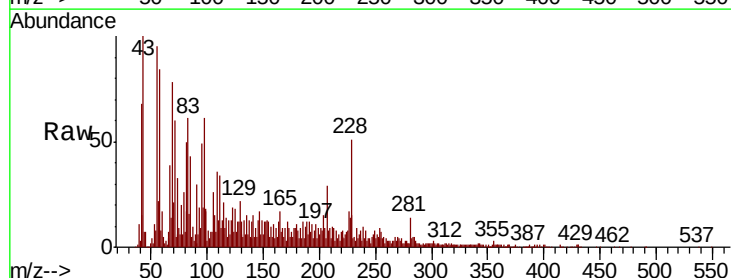
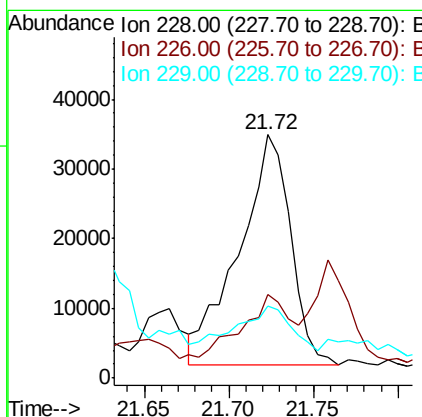
Manual Integrations
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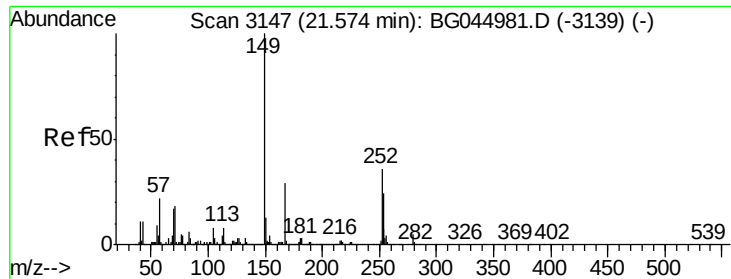
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#83
Chrysene
Concen: 2.939 ng
RT: 21.72 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BG045081.D
Acq: 19 Apr 2020 00:20

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	34.1	26.2	39.4	
229	29.6	17.0	25.6#	





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.366 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG045081.D

Acq: 19 Apr 2020 00:20

Instrument :

BNA_G

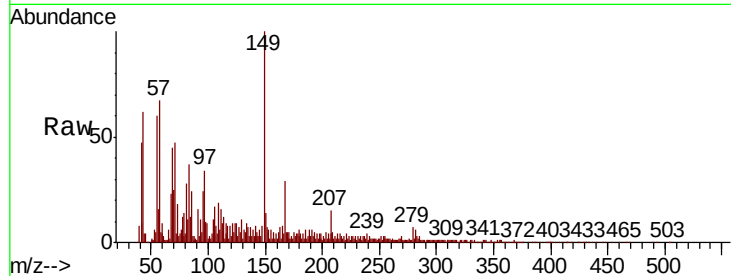
ClientSampleId :

WC-F2

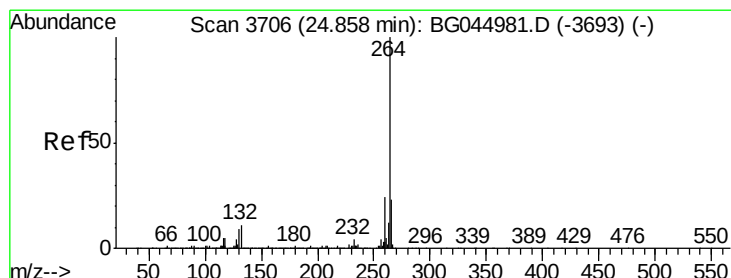
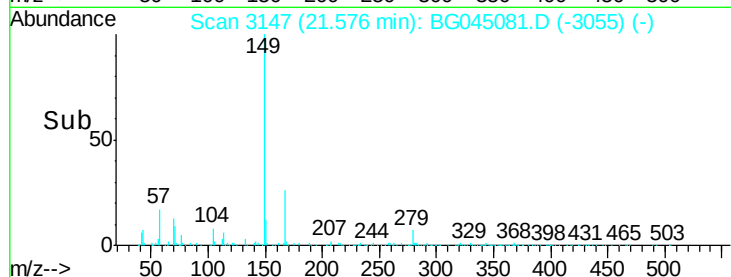
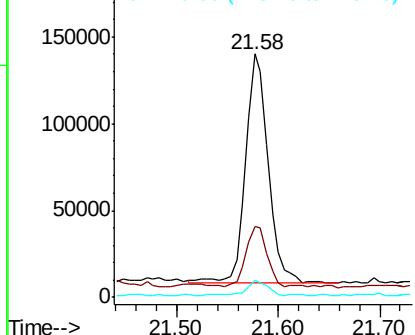
Tot Ion:	149	Resp:	203034
Ion Ratio	Lower	Upper	
149	100		
167	29.1	23.4	35.0
279	7.0	4.3	6.5

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

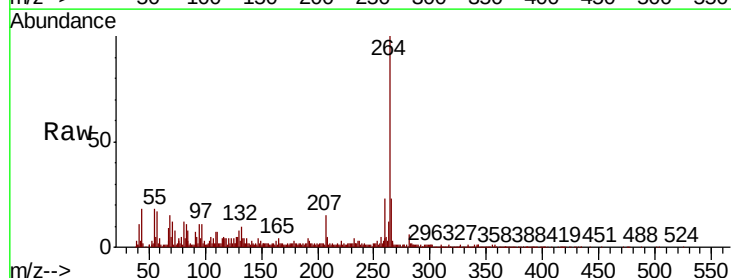
RT: 24.88 min Scan# 3710

Delta R.T. 0.03 min

Lab File: BG045081.D

Acq: 19 Apr 2020 00:20

Tgt Ion:	264	Resp:	409183
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.2	28.8
265	23.3	19.0	28.4



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

