

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044657.D
 Acq On : 3 Mar 2020 8:19
 Operator : CG/JU
 Sample : L1743-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-5

Manual Integrations
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Quant Time: Mar 03 08:57:47 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	77856m	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	335490	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	215873	20.00	ng	-0.07
64) Phenanthrene-d10	17.20	188	439098	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	382368	20.00	ng	-0.07
87) Perylene-d12	24.45	264	431221	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	457422	94.27	ng	-0.07
7) Phenol-d6	6.98	99	616449	92.81	ng	-0.07
23) Nitrobenzene-d5	8.96	82	378157	58.07	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	235732	77.01	ng	-0.07
45) 2-Fluorobiphenyl	13.07	172	881187	58.45	ng	-0.07
79) Terphenyl-d14	19.82	244	1225669	60.68	ng	-0.06
Target Compounds						
50) Dimethylphthalate	13.91	163	70412	4.041	ng	Qvalue 100
71) Phenanthrene	17.24	178	91310	3.756	ng	98
75) Fluoranthene	19.25	202	148732	5.168	ng	97
78) Pyrene	19.62	202	132993	4.791	ng	98
81) Benzo(a)anthracene	21.42	228	66949	2.491	ng	96
83) Chrysene	21.48	228	63325	2.437	ng	97
88) Benzo(b)fluoranthene	23.51	252	87430	3.084	ng	# 93
90) Benzo(a)pyrene	24.31	252	59446	2.232	ng	# 95

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

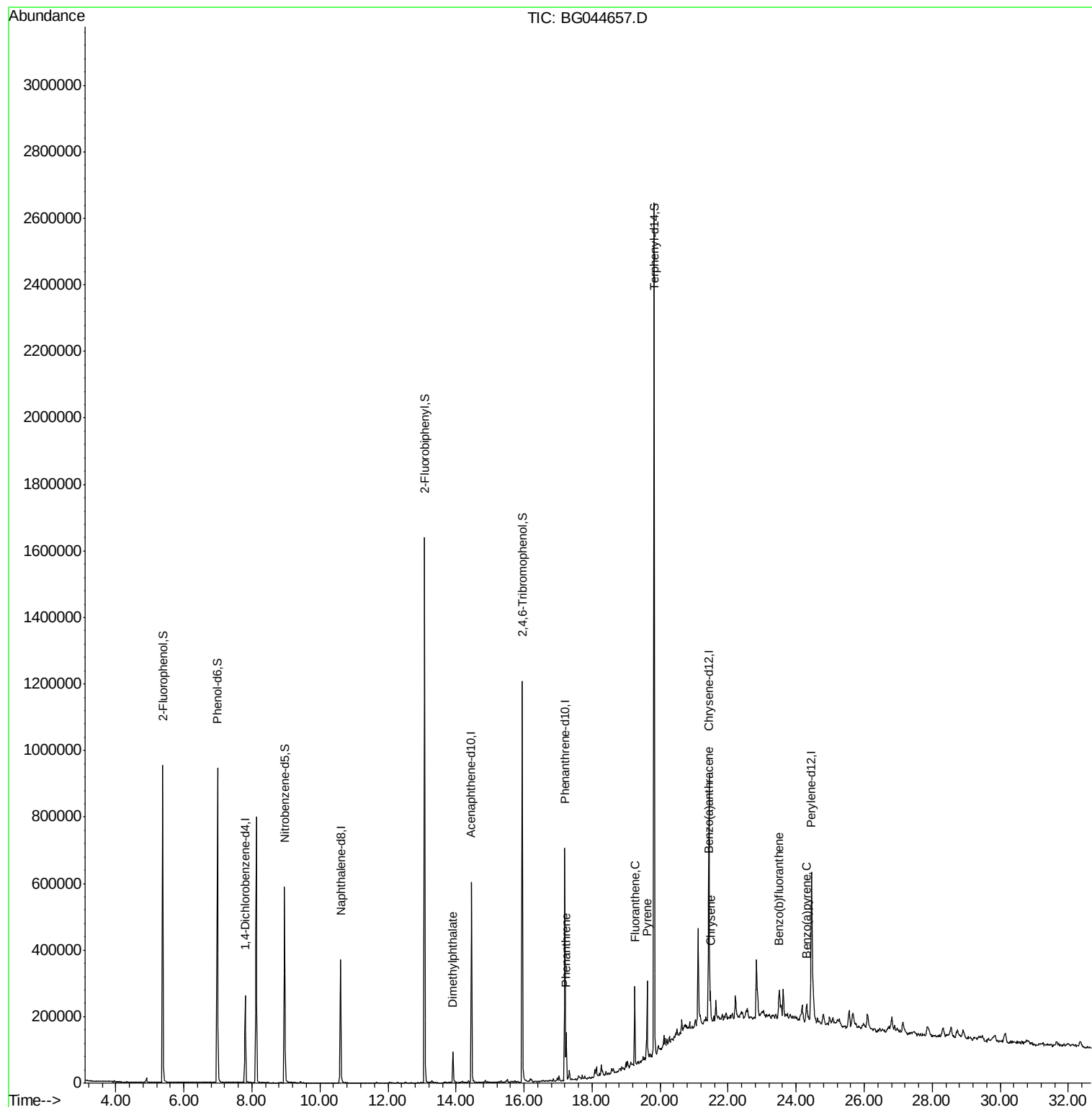
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044657.D
Acq On : 3 Mar 2020 8:19
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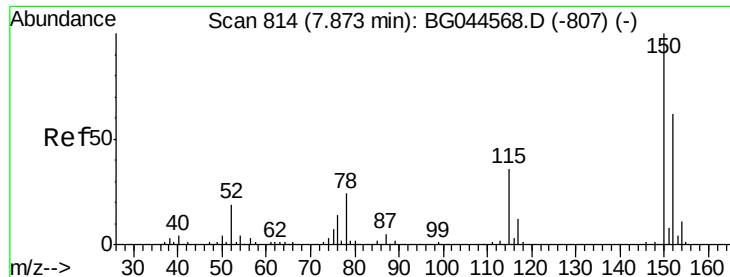
Instrument :
BNA_G
ClientSampleId :
C-5

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Quant Time: Mar 03 08:57:47 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





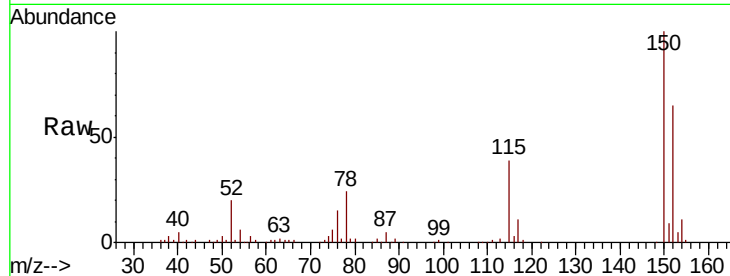
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng/ml
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044657.D
 Acq: 3 Mar 2020 8:19

Instrument :
 BNA_G
 ClientSampled :
 C-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	128.9	193.3
115	60.2	47.0	70.4

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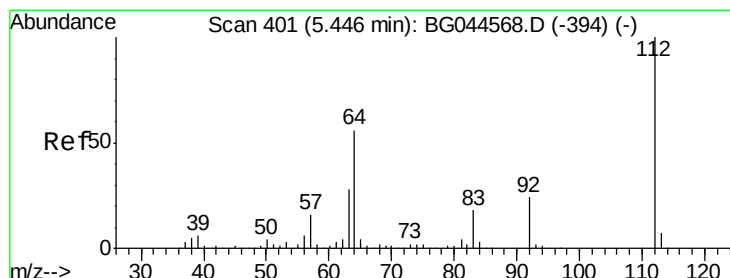
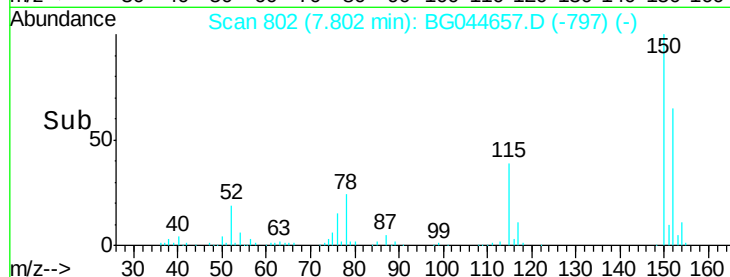
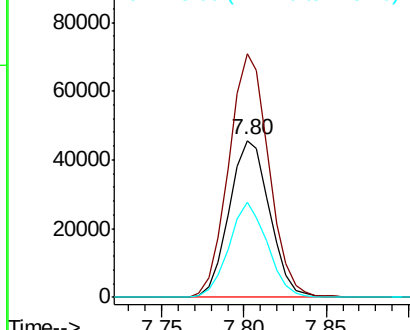


Abundance

Ion 152.00 (151.70 to 152.70): E

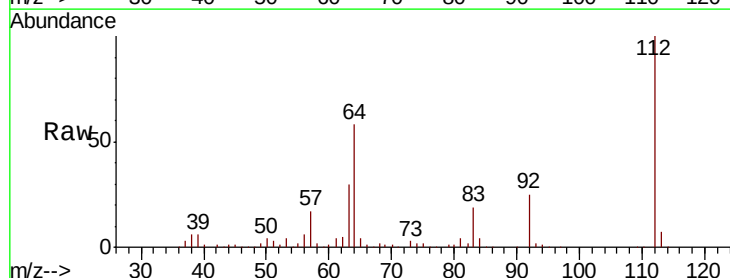
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 94.266 ng/ml
 RT: 5.38 min Scan# 389
 Delta R.T. -0.07 min
 Lab File: BG044657.D
 Acq: 3 Mar 2020 8:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	44.8	67.2
63	30.1	22.3	33.5

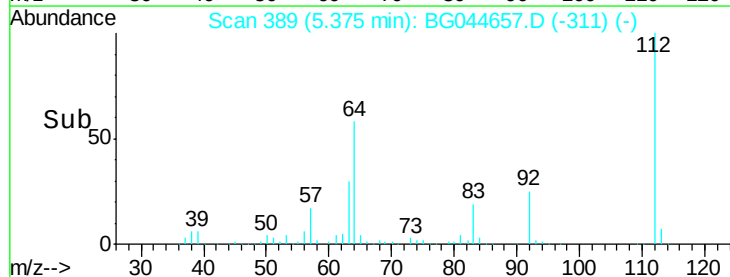
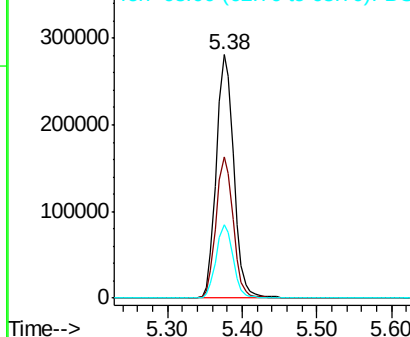


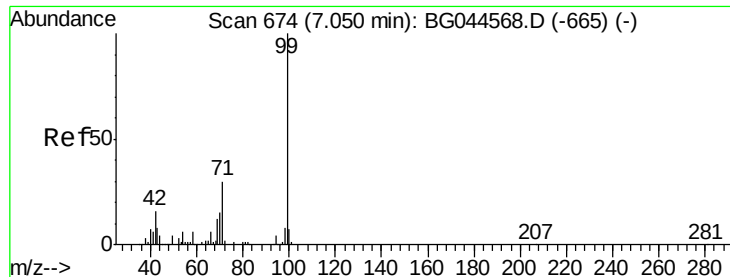
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 92.810 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044657.D

Acq: 3 Mar 2020 8:19

Instrument :

BNA_G

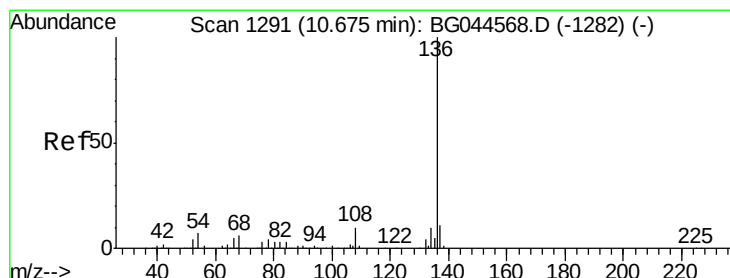
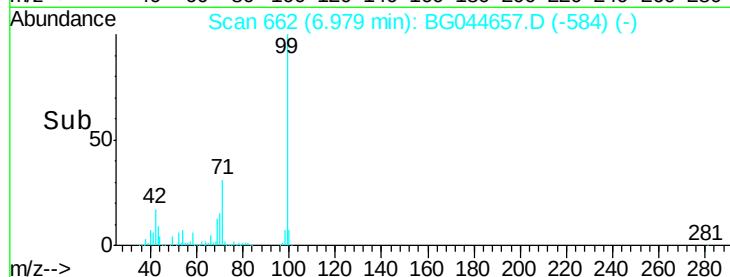
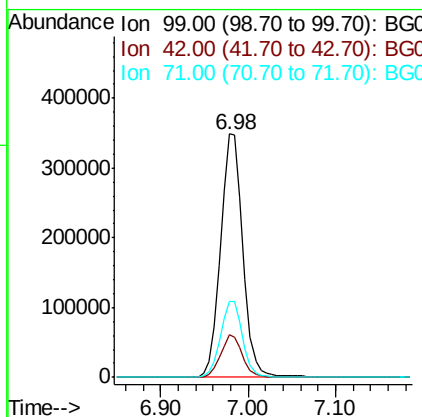
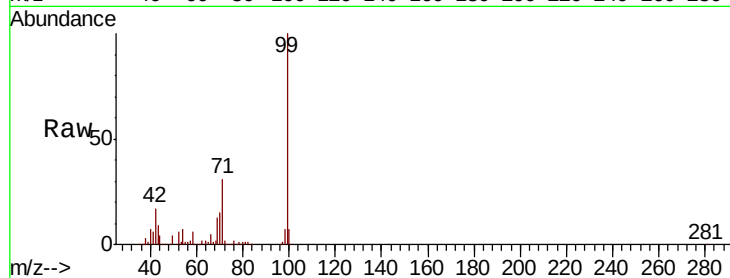
ClientSampleId :

C-5

Tot Ion:	99	Resp:	616449
Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.8	19.2
71	31.3	24.4	36.6

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#21

Naphthalene-d8

Concen: 20.000 ng

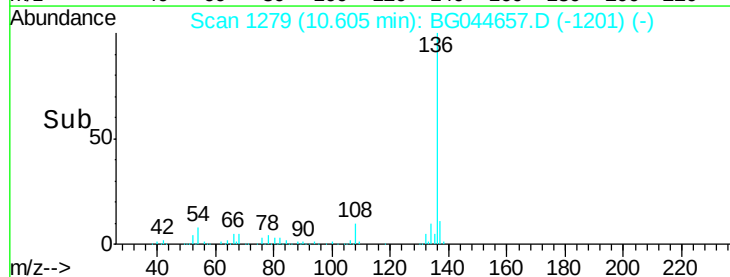
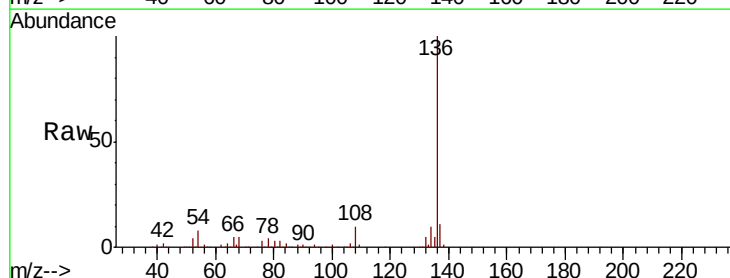
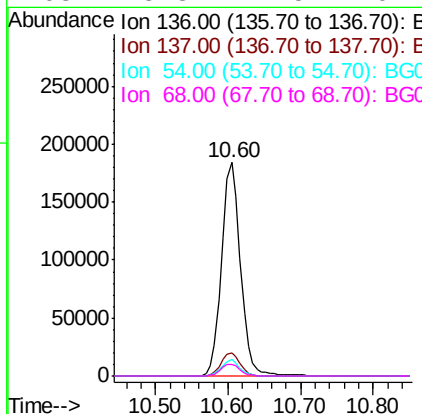
RT: 10.60 min Scan# 1279

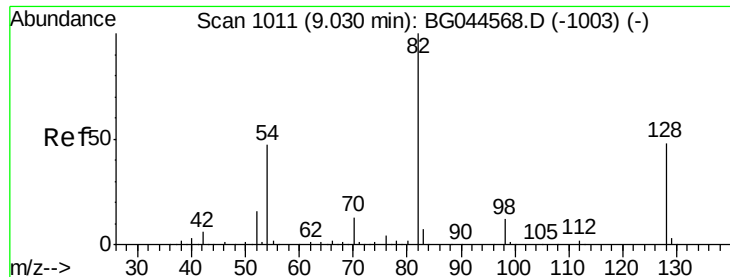
Delta R.T. -0.07 min

Lab File: BG044657.D

Acq: 3 Mar 2020 8:19

Tgt Ion:	136	Resp:	335490
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	5.7	8.5
68	5.3	4.5	6.7





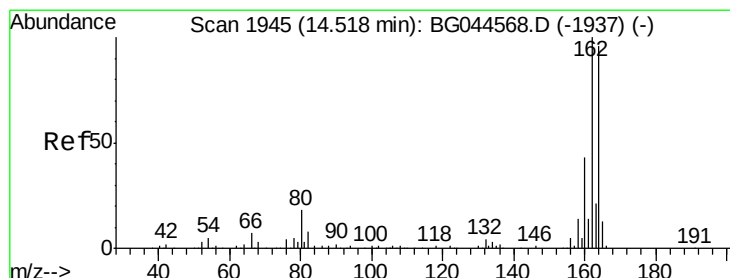
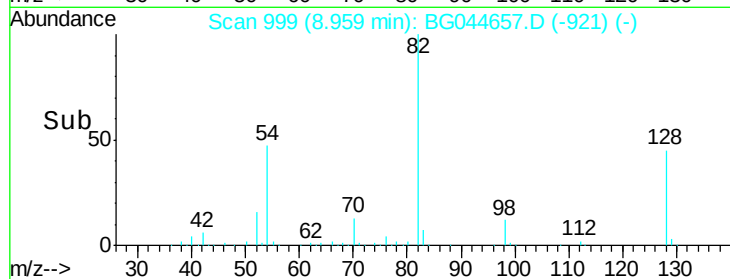
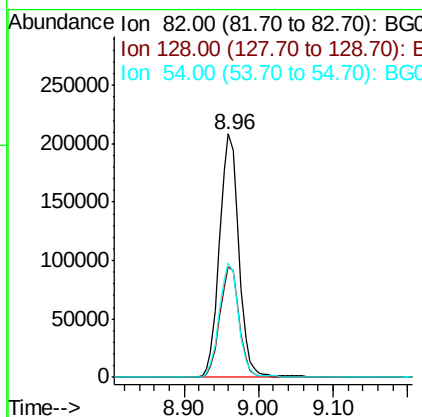
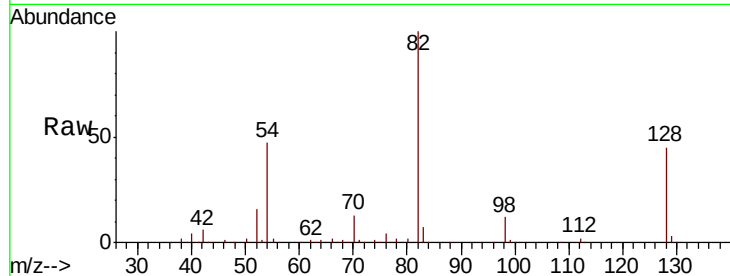
#23
 Nitrobenzene-d5
 Concen: 58.070 ng
 RT: 8.96 min Scan# 999
 Delta R.T. -0.07 min
 Lab File: BG044657.D
 Acq: 3 Mar 2020 8:19

Instrument :
 BNA_G
 ClientSampled :
 C-5

Tot Ion	Ratio	Resp	Lower	Upper
82	100	378157		
128	45.3		38.1	57.1
54	46.7		37.5	56.3

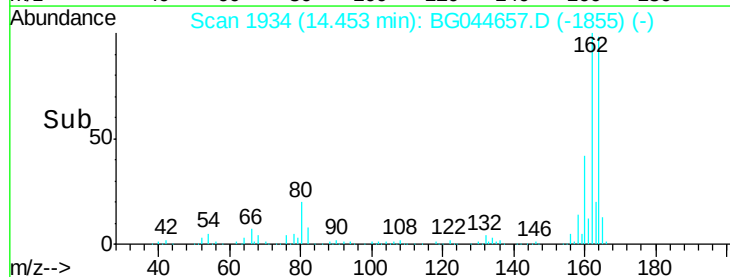
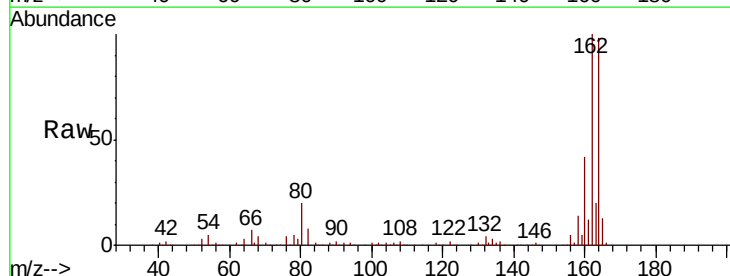
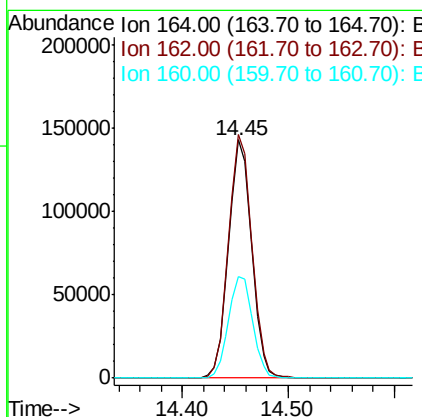
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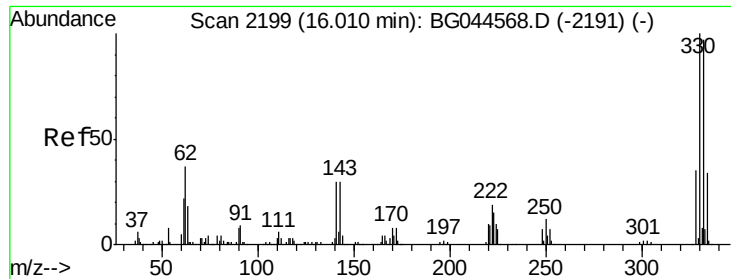
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.07 min
 Lab File: BG044657.D
 Acq: 3 Mar 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	215873		
162	102.2		83.6	125.4
160	42.6		36.2	54.4





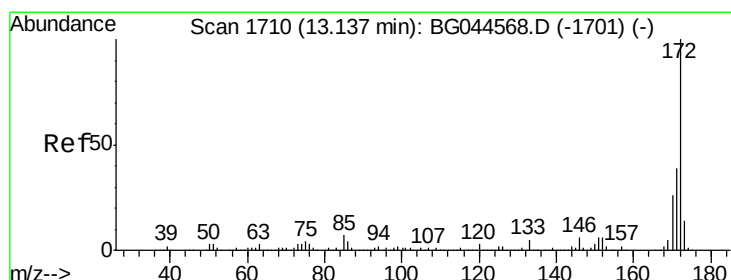
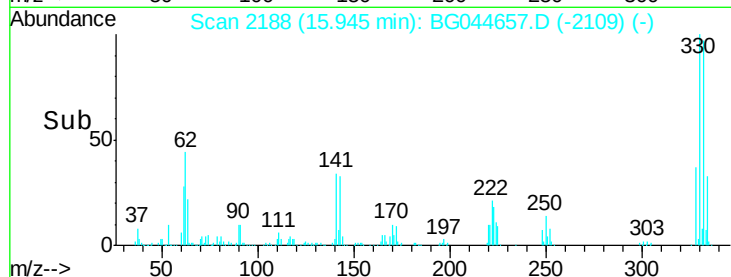
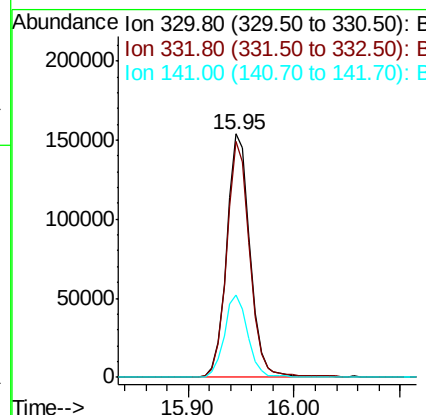
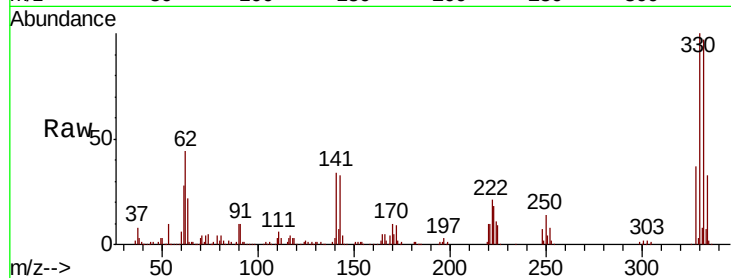
#42
 2,4,6-Tribromophenol
 Concen: 77.014 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.07 min
 Lab File: BG044657.D
 Acq: 3 Mar 2020 8:19

Instrument :
 BNA_G
 ClientSampleId :
 C-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	235732		
332	95.7	77.4	116.0	
141	34.3	26.1	39.1	

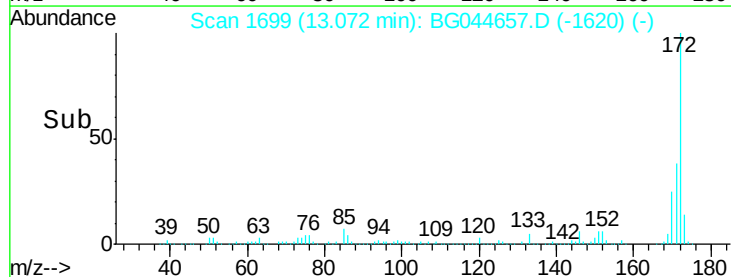
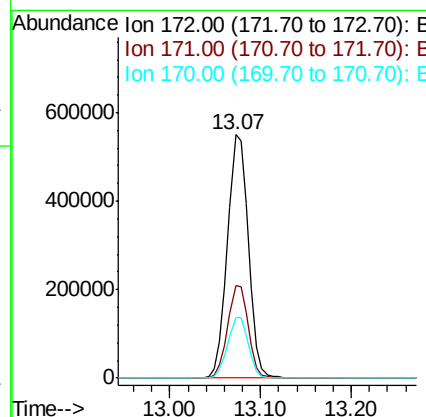
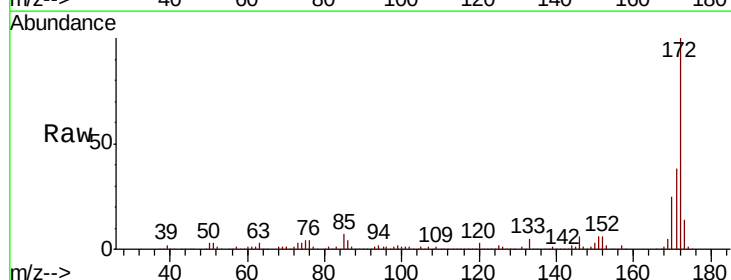
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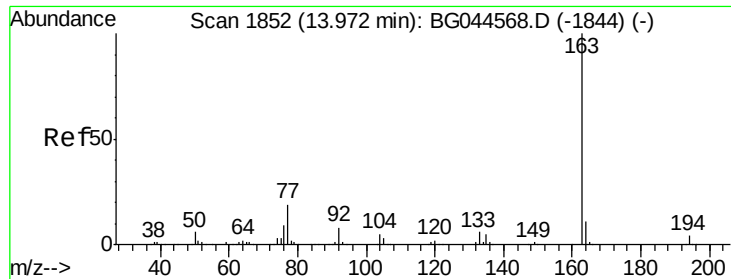
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#45
 2-Fluorobiphenyl
 Concen: 58.453 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.07 min
 Lab File: BG044657.D
 Acq: 3 Mar 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	881187		
171	38.0	31.3	46.9	
170	25.1	21.0	31.4	





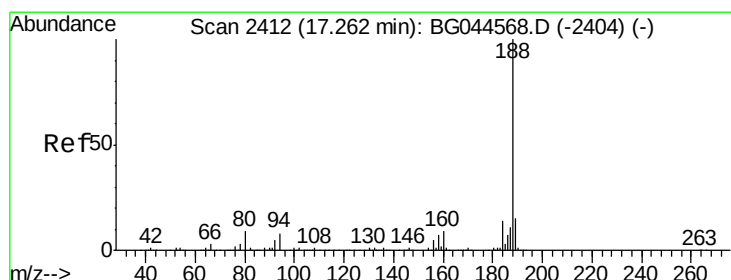
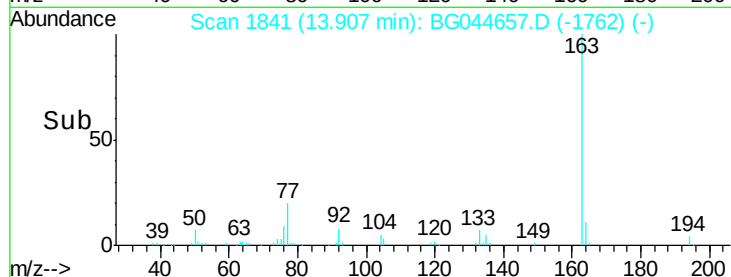
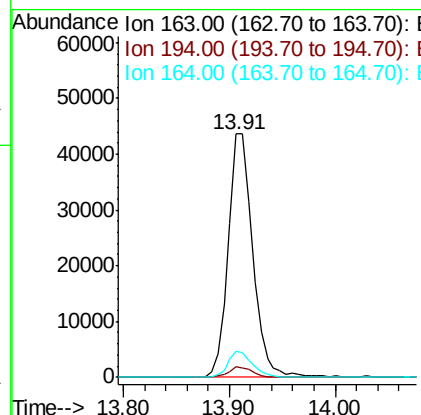
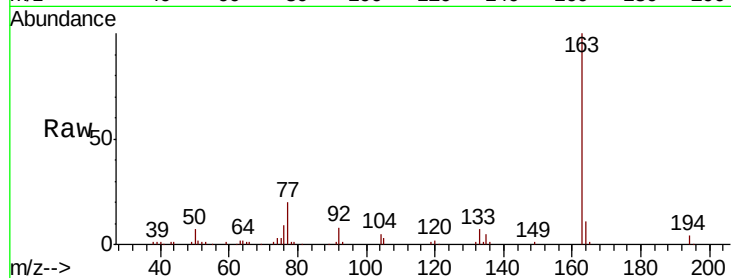
#50
Dimethylphthalate
Concen: 4.041 ng
RT: 13.91 min Scan# 1841
Delta R.T. -0.07 min
Lab File: BG044657.D
Acq: 3 Mar 2020 8:19

Instrument :
BNA_G
ClientSampled :
C-5

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.7	8.7	13.1

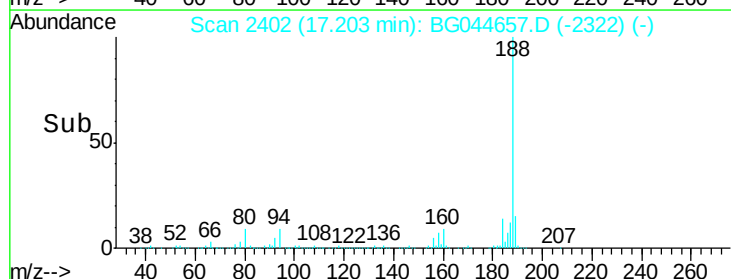
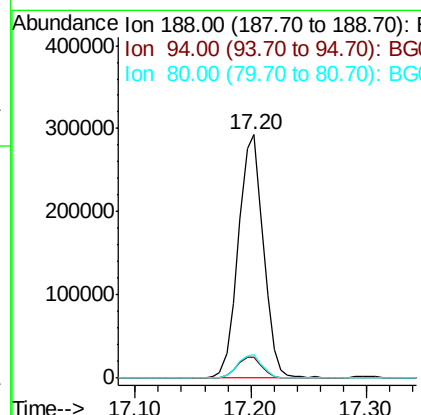
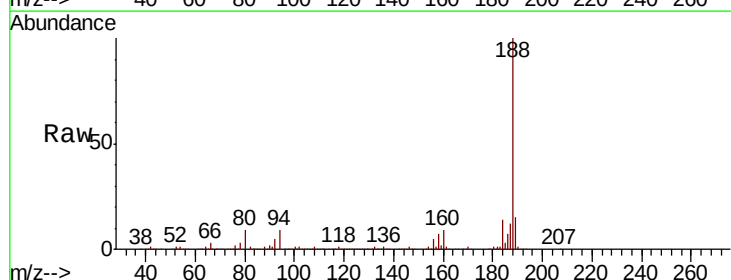
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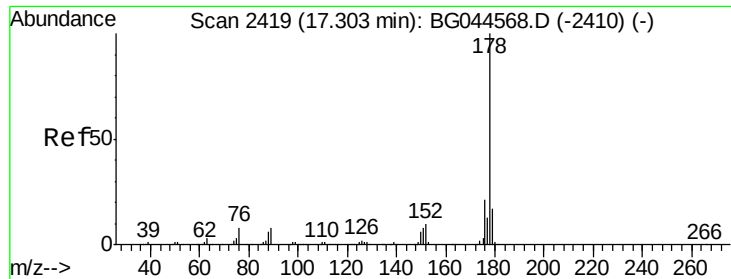
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044657.D
Acq: 3 Mar 2020 8:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.5	7.6	11.4





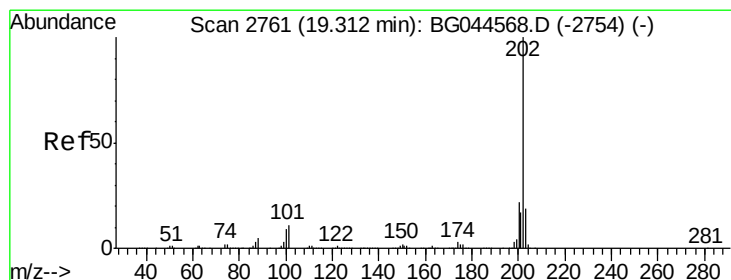
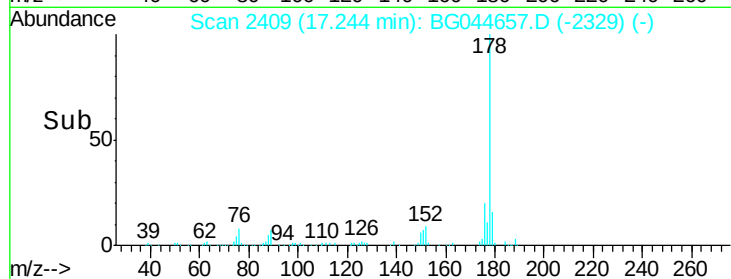
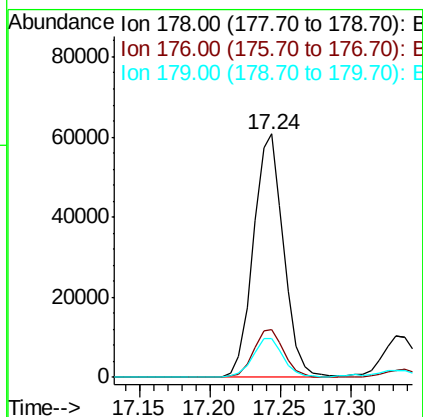
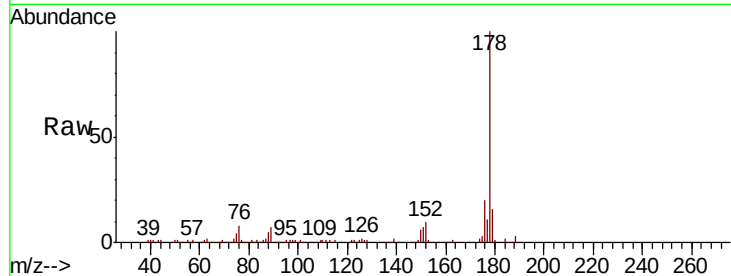
#71
Phenanthrene
Concen: 3.756 ng
RT: 17.24 min Scan# 2409
Delta R.T. -0.06 min
Lab File: BG044657.D
Acq: 3 Mar 2020 8:19

Instrument :
BNA_G
ClientSampleId :
C-5

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	15.9	13.3	19.9

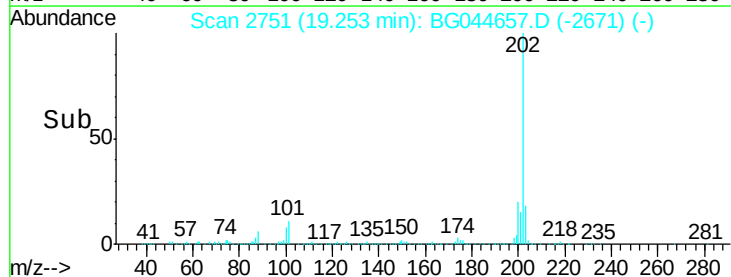
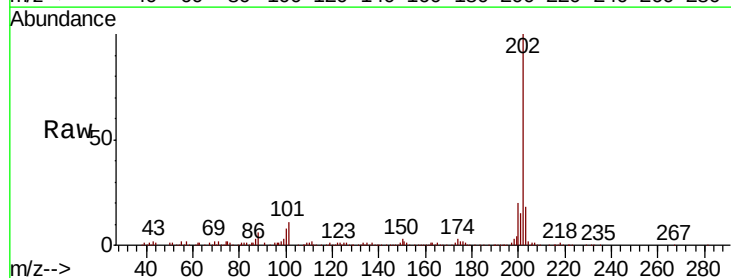
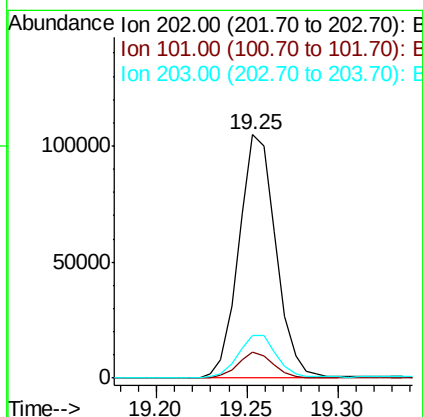
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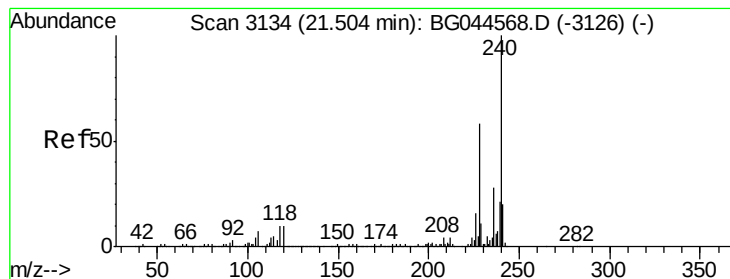
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#75
Fluoranthene
Concen: 5.168 ng
RT: 19.25 min Scan# 2751
Delta R.T. -0.06 min
Lab File: BG044657.D
Acq: 3 Mar 2020 8:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.0
203	17.7	0.0	39.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.07 min

Lab File: BG044657.D

Acq: 3 Mar 2020 8:19

Instrument :

BNA_G

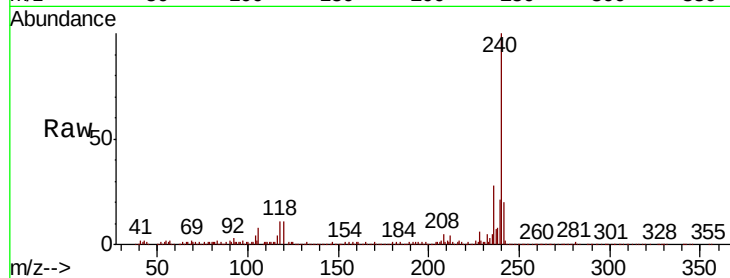
ClientSampleId :

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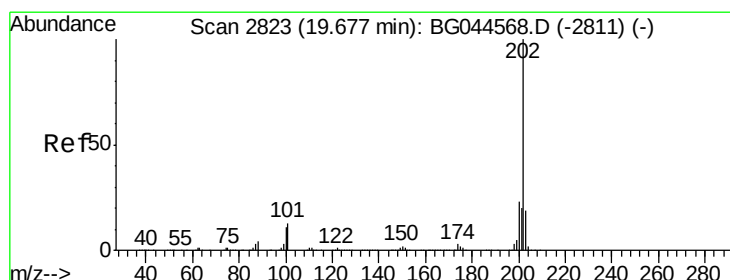
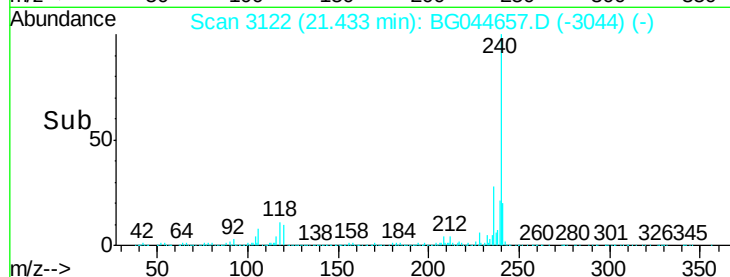
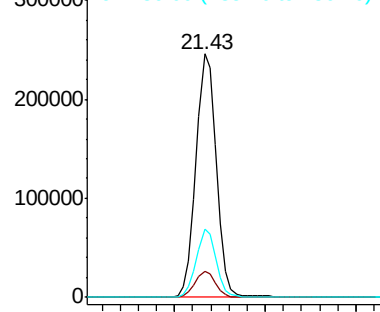
Tot Ion:	240	Resp:	382368
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.3	12.5
236	27.8	22.3	33.5

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 4.791 ng

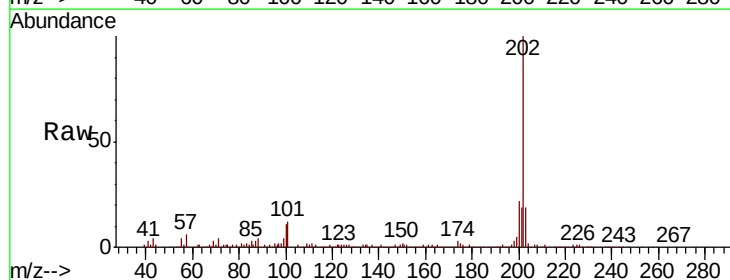
RT: 19.62 min Scan# 2813

Delta R.T. -0.06 min

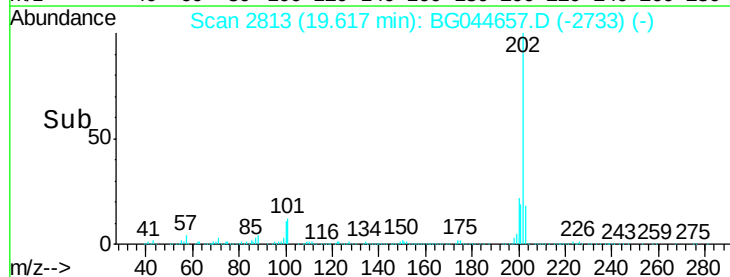
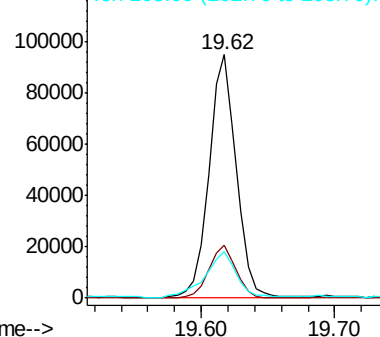
Lab File: BG044657.D

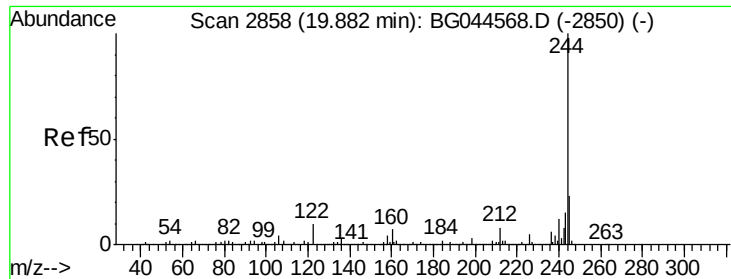
Acq: 3 Mar 2020 8:19

Tgt Ion:	202	Resp:	132993
Ion Ratio	Lower	Upper	
202	100		
200	22.0	18.6	28.0
203	19.1	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 60.682 ng
 RT: 19.82 min Scan# 2848
 Delta R.T. -0.06 min
 Lab File: BG044657.D
 Acq: 3 Mar 2020 8:19

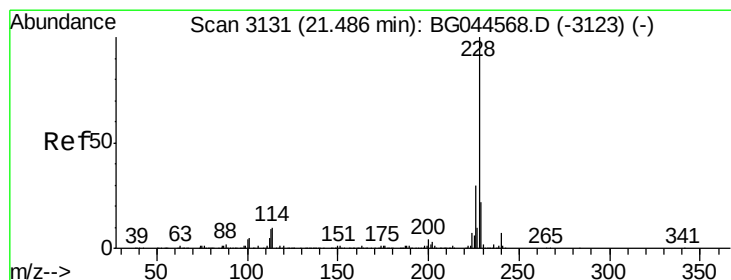
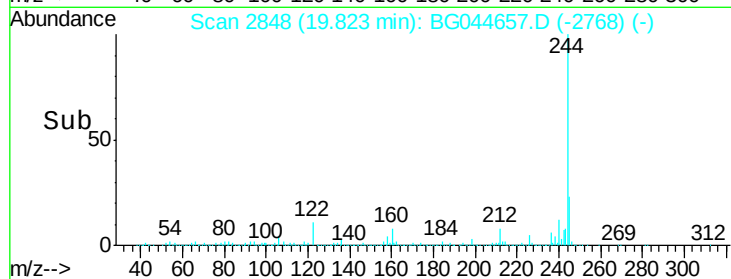
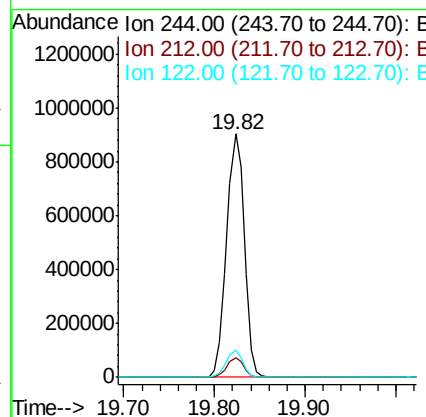
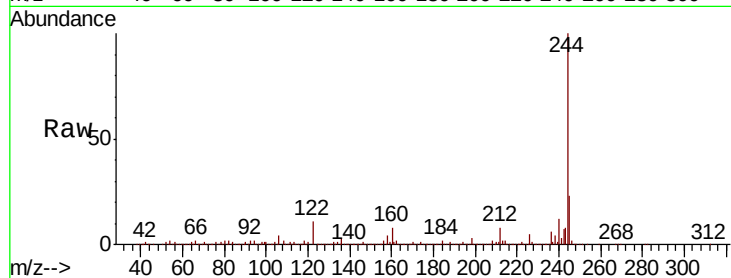
Instrument :
 BNA_G
 ClientSampleId :
 C-5

Tot Ion:244 Resp: 1225669

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.2	8.2	12.4

Manual Integrations
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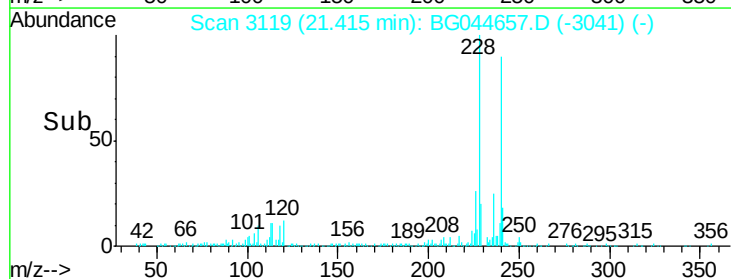
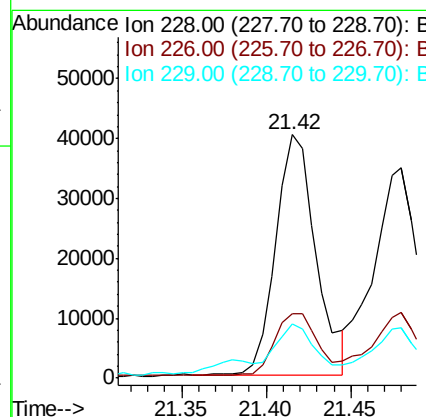
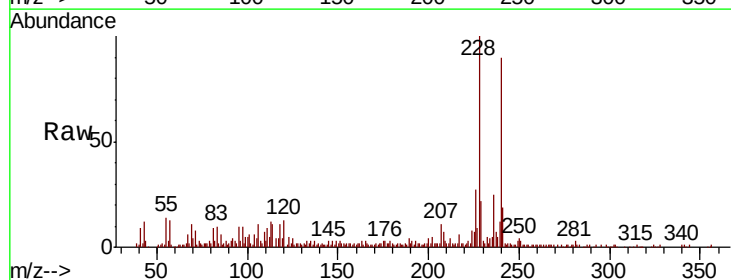
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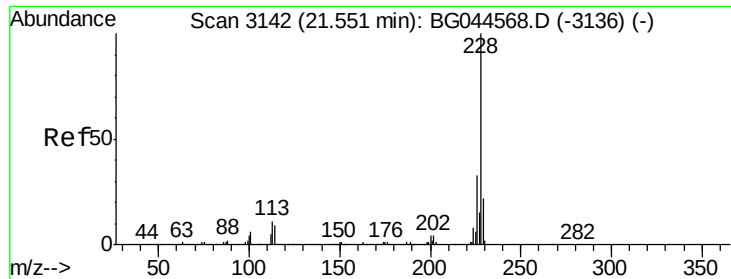


#81
 Benzo(a)anthracene
 Concen: 2.491 ng
 RT: 21.42 min Scan# 3119
 Delta R.T. -0.07 min
 Lab File: BG044657.D
 Acq: 3 Mar 2020 8:19

Tgt Ion:228 Resp: 66949

Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.8	35.8
229	22.1	17.2	25.8





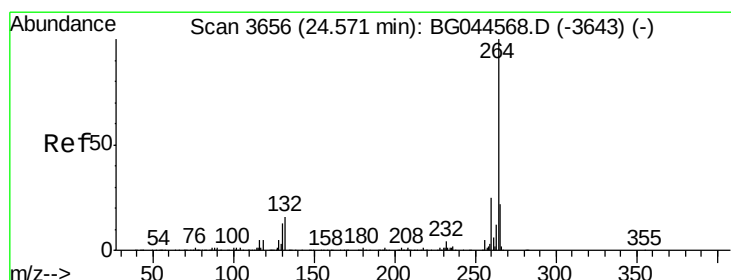
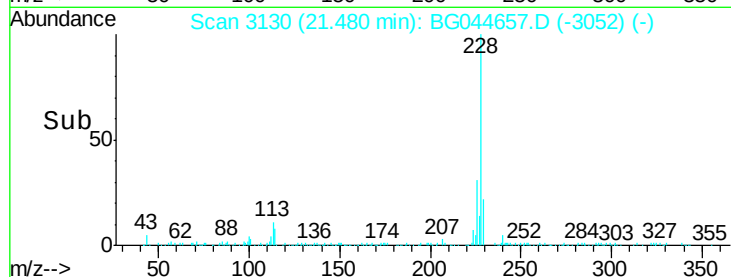
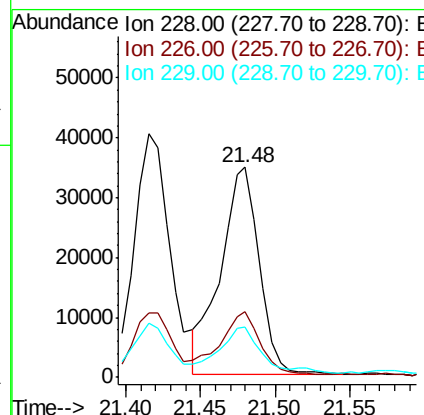
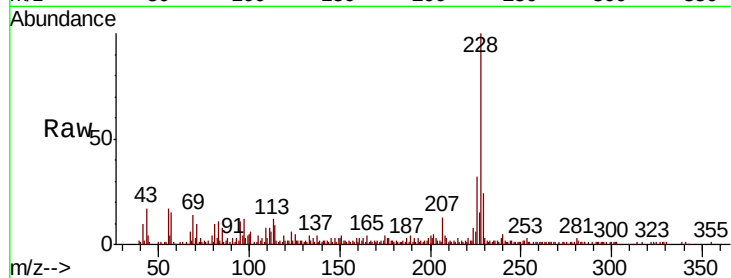
#83
Chrysene
Concen: 2.437 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.07 min
Lab File: BG044657.D
Acq: 3 Mar 2020 8:19

Instrument :
BNA_G
ClientSampled :
C-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.1	39.1
229	24.1	17.2	25.8

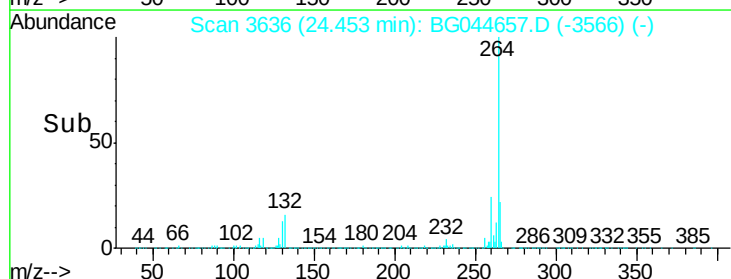
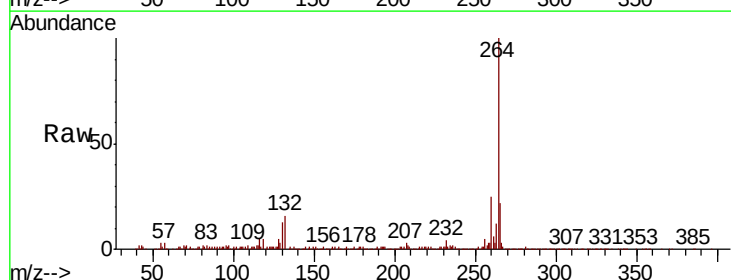
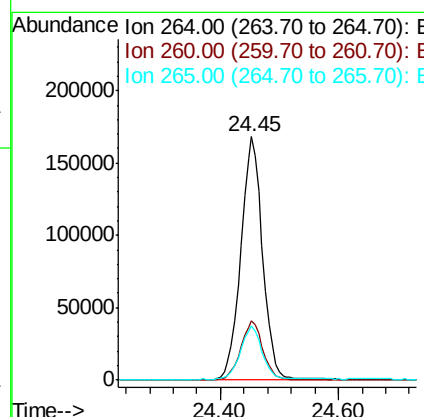
Manual Integrations
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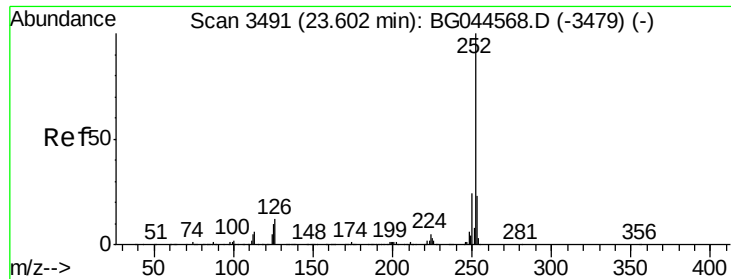
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.12 min
Lab File: BG044657.D
Acq: 3 Mar 2020 8:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.1	17.8	26.8





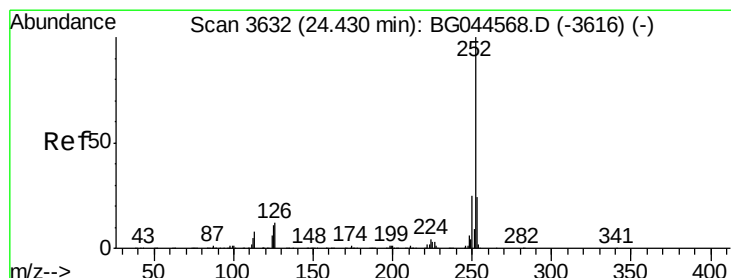
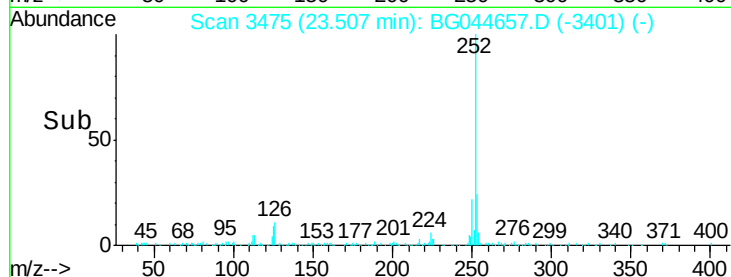
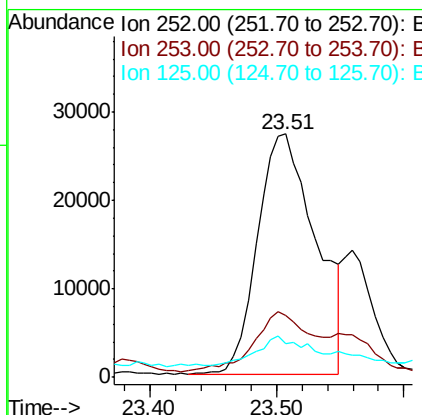
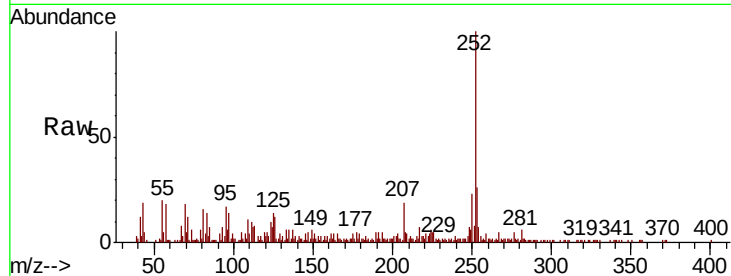
#88
Benzo(b)fluoranthene
Concen: 3.084 ng
RT: 23.51 min Scan# 3475
Delta R.T. -0.09 min
Lab File: BG044657.D
Acq: 3 Mar 2020 8:19

Instrument :
BNA_G
ClientSampleId :
C-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.4	27.6
125	13.8	7.9	11.9

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.232 ng
RT: 24.31 min Scan# 3612
Delta R.T. -0.12 min
Lab File: BG044657.D
Acq: 3 Mar 2020 8:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.4
125	14.9	8.5	12.7

