

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045780.D
 Acq On : 16 Jun 2020 20:02
 Operator : CG/JU
 Sample : L2815-06 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061520

Manual Integrations
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mohammad
 6/18/2020 11:51:38 AM

Quant Time: Jun 17 03:06:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	77442	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	320248	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	212226	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	429088	20.00	ng	0.00
76) Chrysene-d12	21.58	240	397885	20.00	ng	0.00
86) Perylene-d12	24.70	264	440871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	205644	44.86	ng	0.00
7) Phenol-d6	7.16	99	299227	42.91	ng	0.00
23) Nitrobenzene-d5	9.08	82	199288	28.43	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	116981	36.51	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	454022	31.44	ng	0.00
79) Terphenyl-d14	19.93	244	638103	32.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.02	163	54693	3.290	ng	98
71) Phenanthrene	17.36	178	120815	5.459	ng	96
75) Fluoranthene	19.37	202	325246	11.952	ng	99
78) Pyrene	19.73	202	348576	13.083	ng	98
81) Benzo(a)anthracene	21.56	228	189129	7.332	ng	97
83) Chrysene	21.62	228	202548	8.118	ng	98
87) Indeno(1,2,3-cd)pyrene	28.25	276	156256	4.889	ng	96
88) Benzo(b)fluoranthene	23.72	252	305214	11.042	ng	97
89) Benzo(k)fluoranthene	23.77	252	90180m	3.409	ng	
90) Benzo(a)pyrene	24.55	252	217138	8.409	ng	99
92) Benzo(g,h,i)perylene	29.36	276	156674	6.107	ng	# 96

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

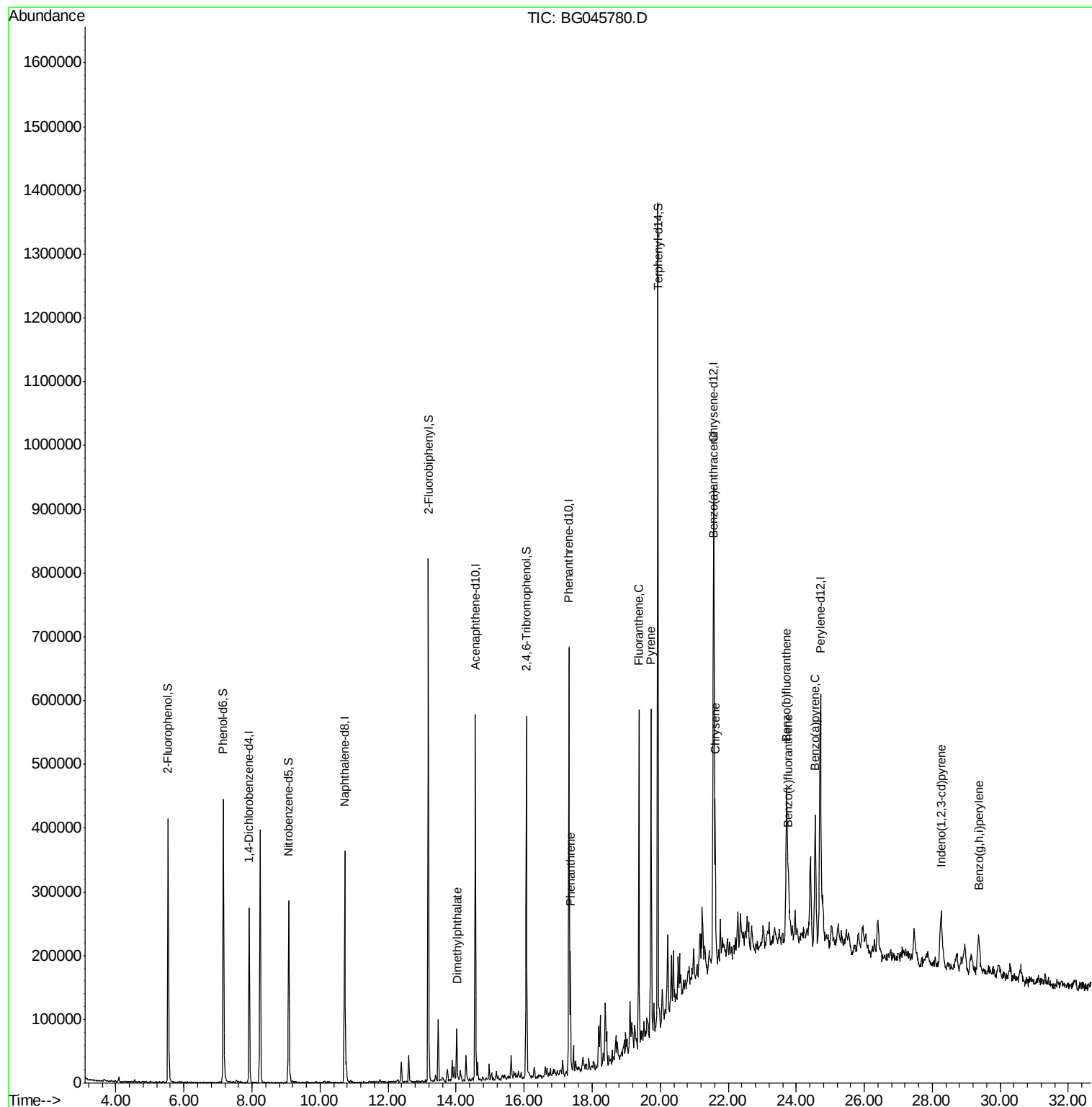
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045780.D
Acq On : 16 Jun 2020 20:02
Operator : CG/JU
Sample : L2815-06 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

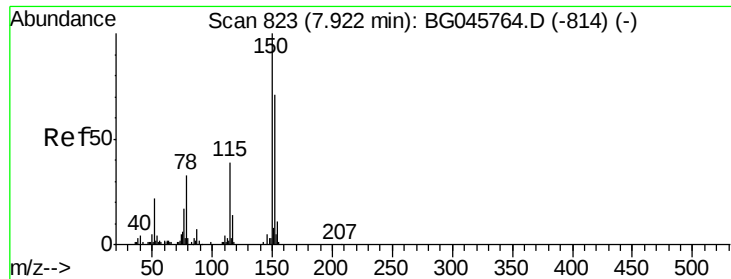
Instrument :
BNA_G
ClientSampleId :
OR-03-061520

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Quant Time: Jun 17 03:06:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

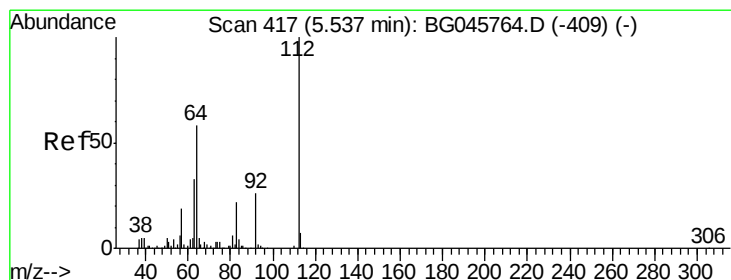
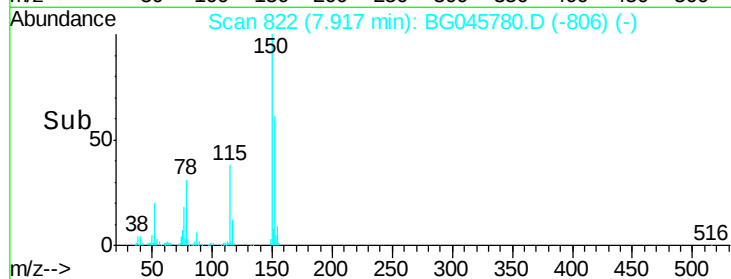
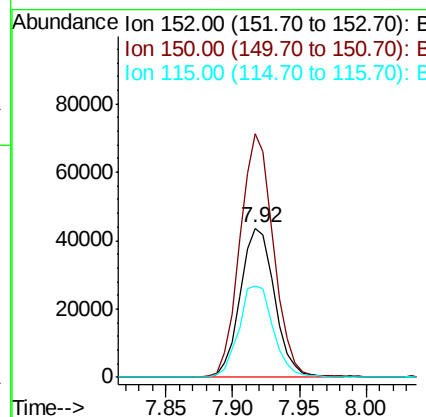
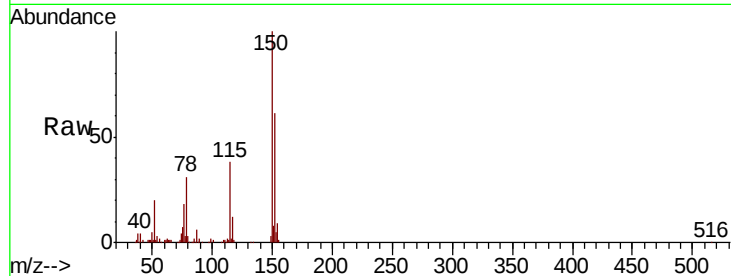
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	113.1	169.7
115	61.3	43.8	65.6

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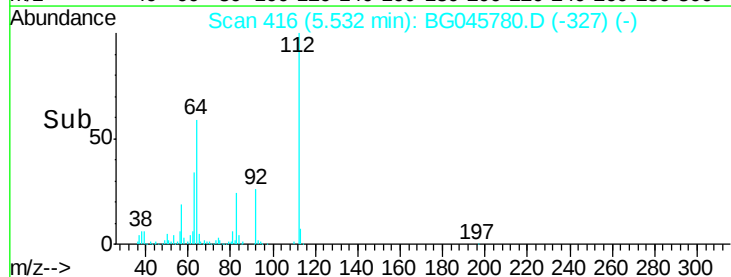
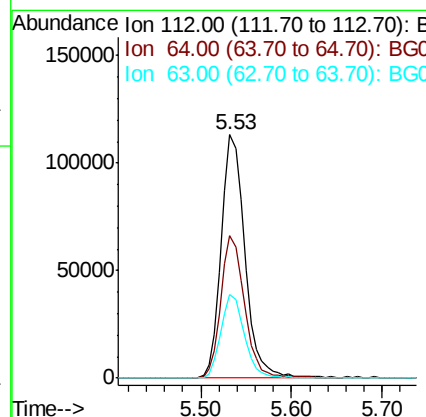
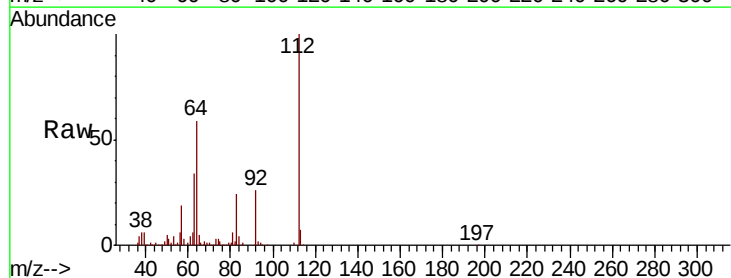
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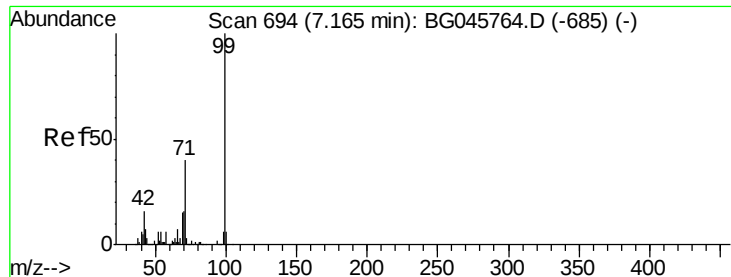


#5

2-Fluorophenol
Concen: 44.857 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.6	69.8
63	34.3	26.3	39.5





#7

Phenol-d6

Concen: 42.910 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045780.D

Acq: 16 Jun 2020 20:02

Instrument :

BNA_G

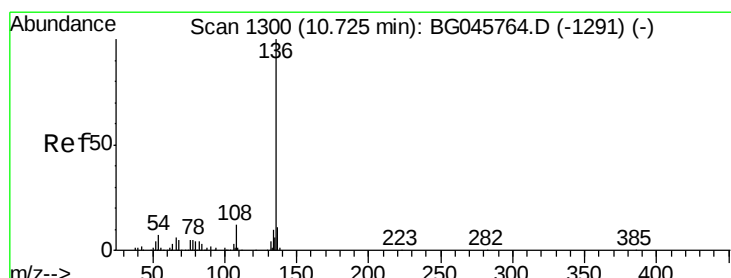
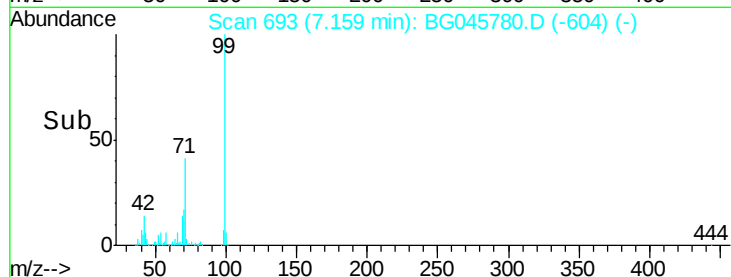
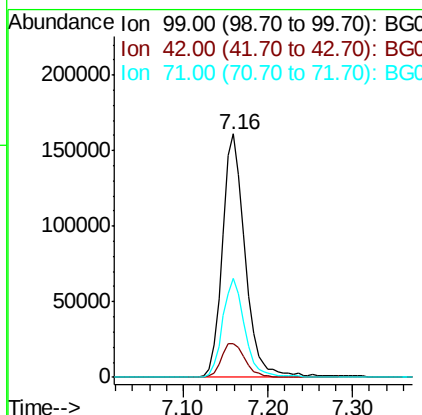
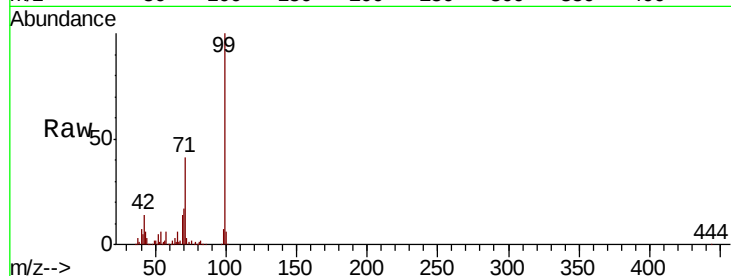
ClientSampleId :

OR-03-061520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		299227		
42	13.6	12.4	18.6		
71	40.8	32.1	48.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

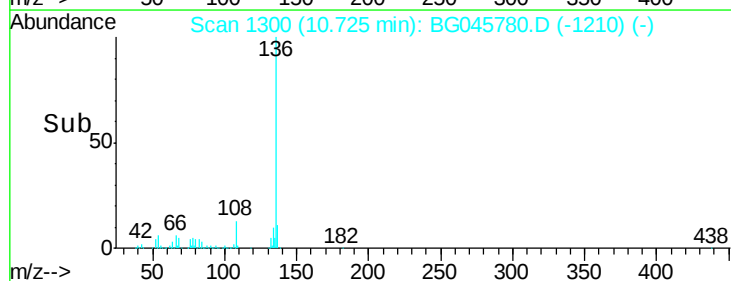
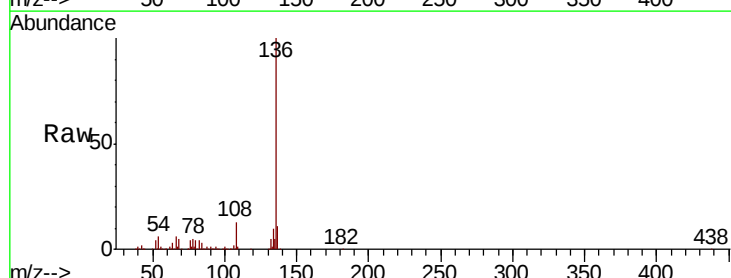
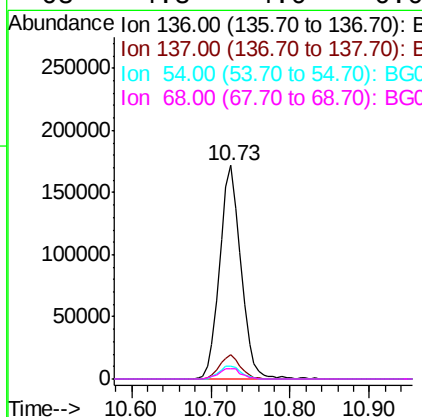
RT: 10.73 min Scan# 1300

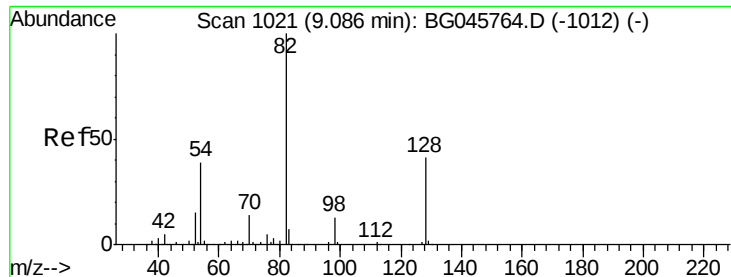
Delta R.T. 0.00 min

Lab File: BG045780.D

Acq: 16 Jun 2020 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		320248		
137	11.3	8.7	13.1		
54	6.1	5.8	8.6		
68	4.8	4.0	6.0		





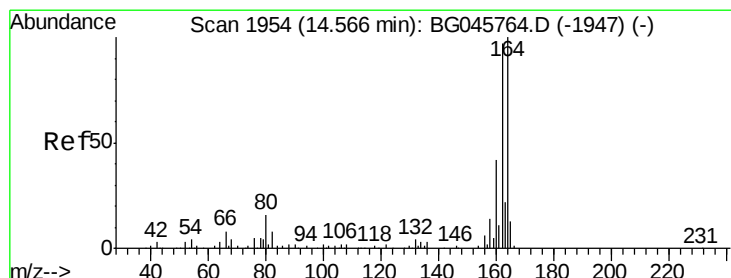
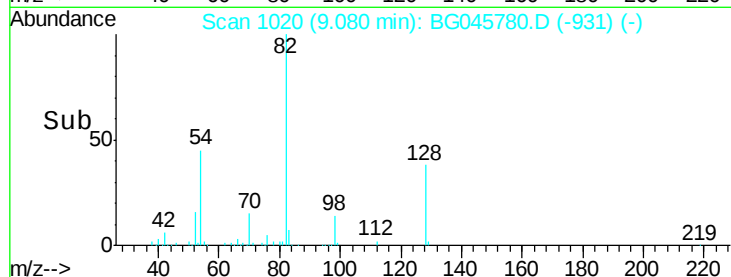
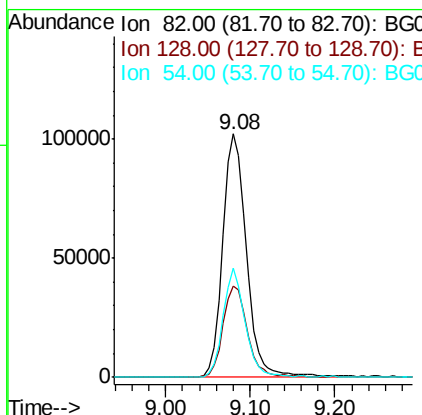
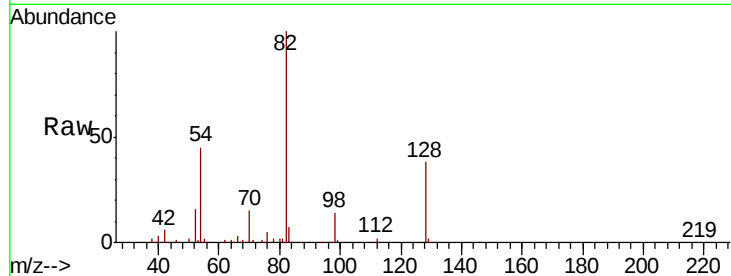
#23
 Nitrobenzene-d5
 Concen: 28.428 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG045780.D
 Acq: 16 Jun 2020 20:02

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061520

Tot Ion	Ratio	Resp	Lower	Upper
82	100	199288		
128	37.6		32.5	48.7
54	44.7		31.2	46.8

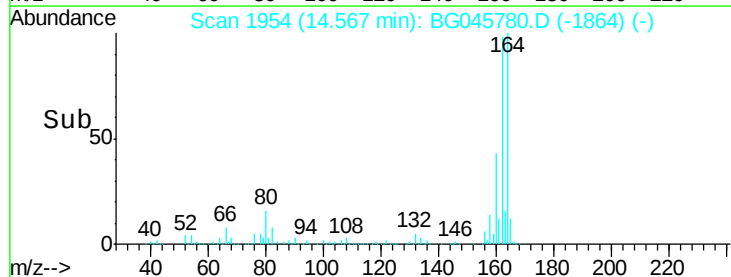
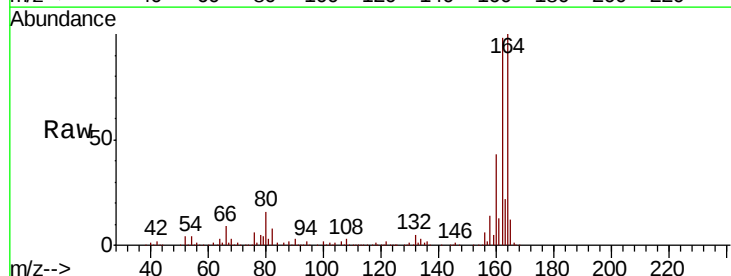
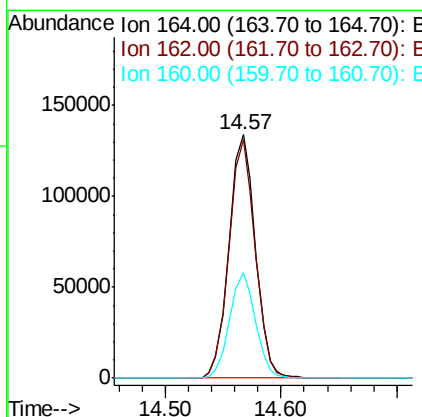
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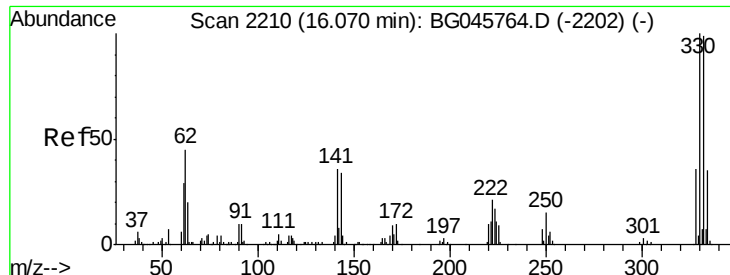
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG045780.D
 Acq: 16 Jun 2020 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	212226		
162	97.9		77.4	116.0
160	43.1		33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 36.510 ng

RT: 16.06 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG045780.D

Acq: 16 Jun 2020 20:02

Instrument :

BNA_G

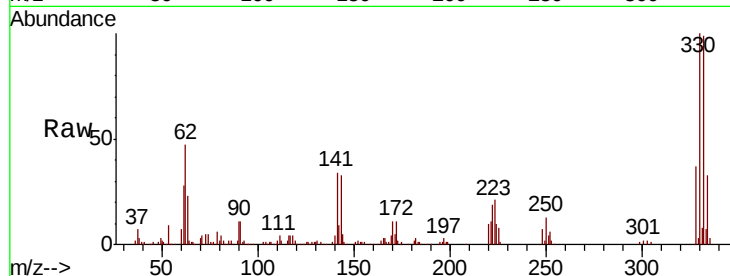
ClientSampleId :

OR-03-061520

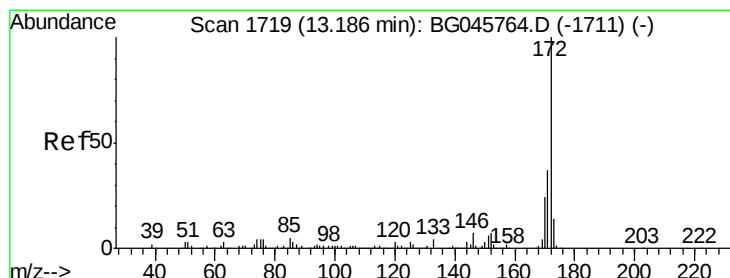
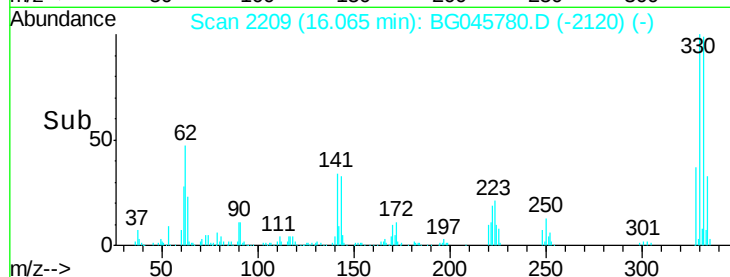
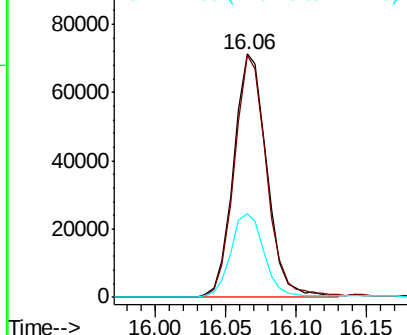
Tot Ion:	330	Resp:	116981
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.6	117.8
141	34.7	28.2	42.4

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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: 31.439 ng

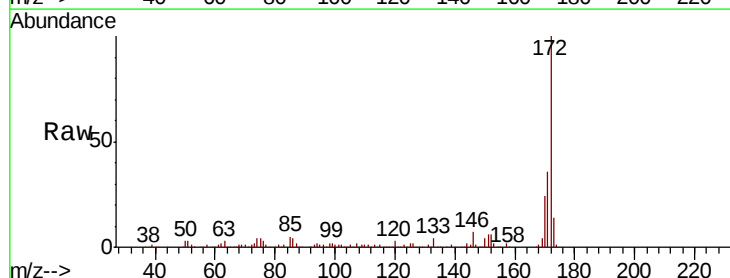
RT: 13.19 min Scan# 1719

Delta R.T. 0.00 min

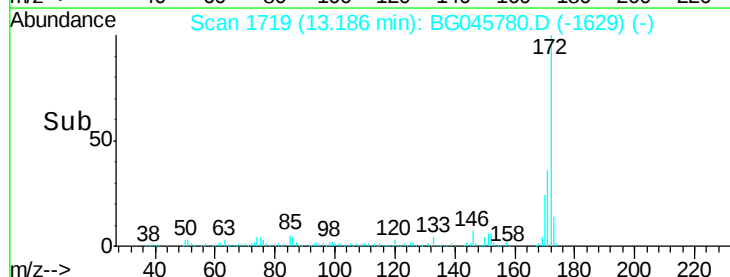
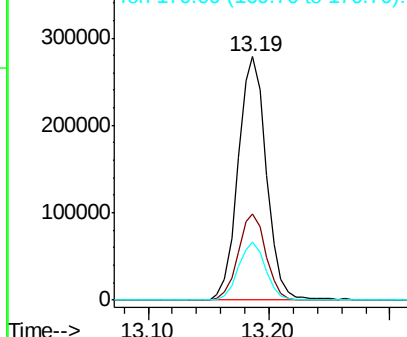
Lab File: BG045780.D

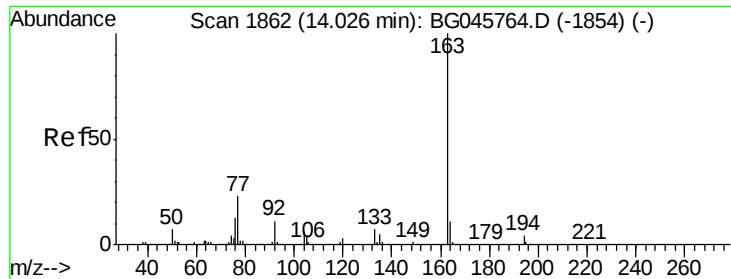
Acq: 16 Jun 2020 20:02

Tgt Ion:	172	Resp:	454022
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.9	44.9
170	24.0	19.3	28.9



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





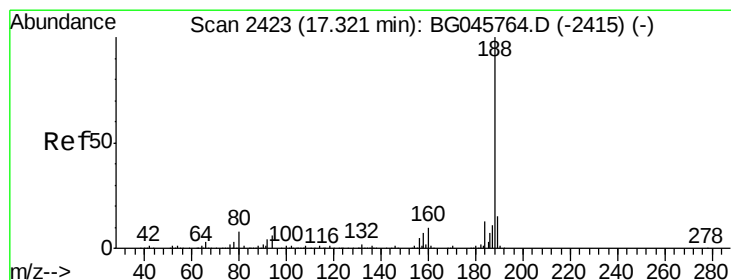
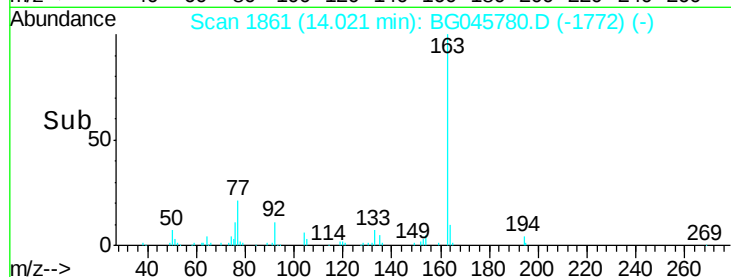
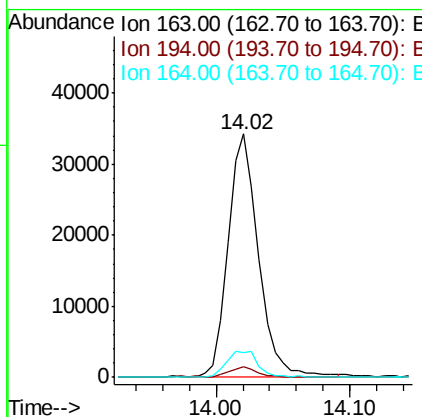
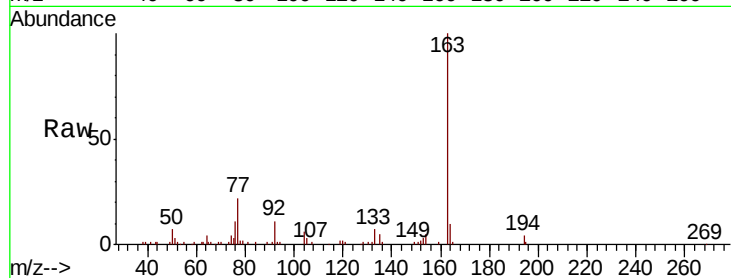
#50
Dimethylphthalate
Concen: 3.290 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.9	13.3

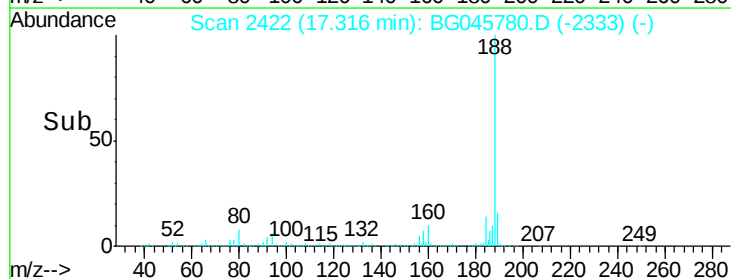
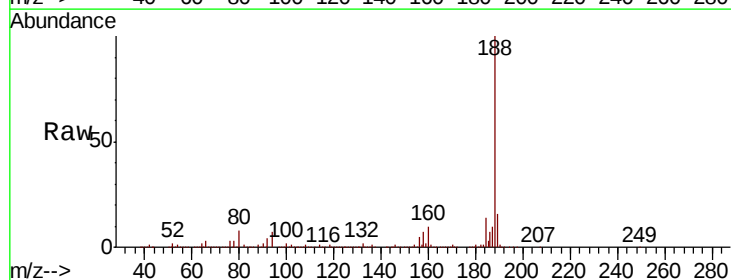
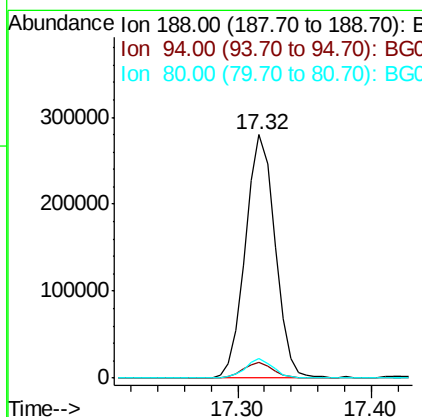
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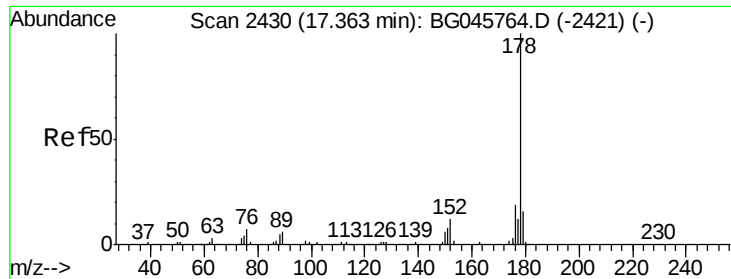
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	8.1	6.2	9.4





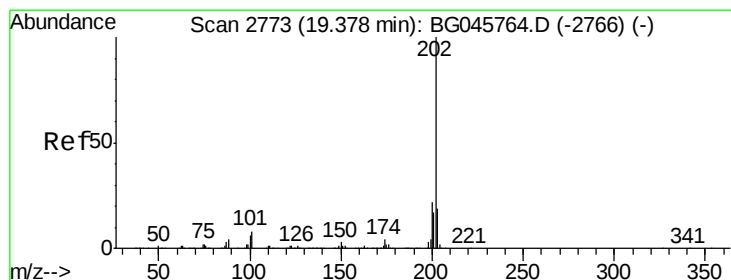
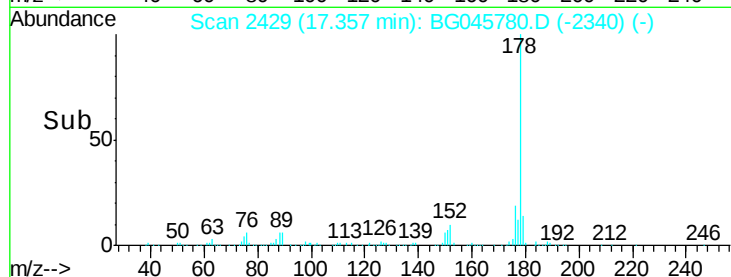
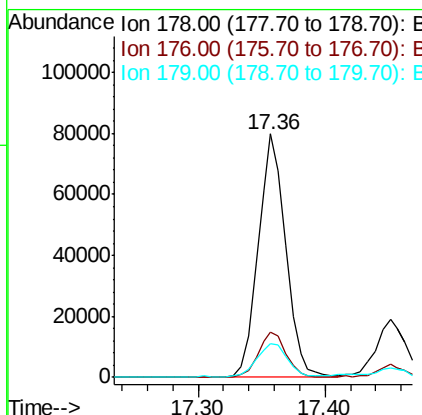
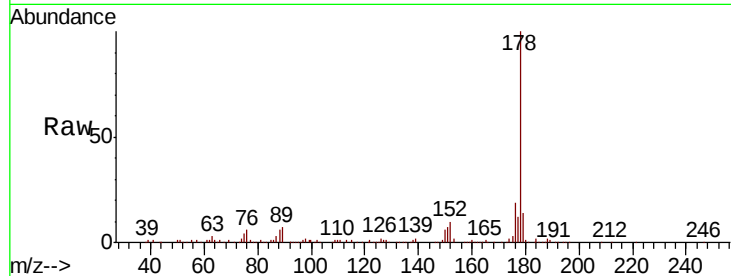
#71
Phenanthrene
Concen: 5.459 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	14.1	13.2	19.8

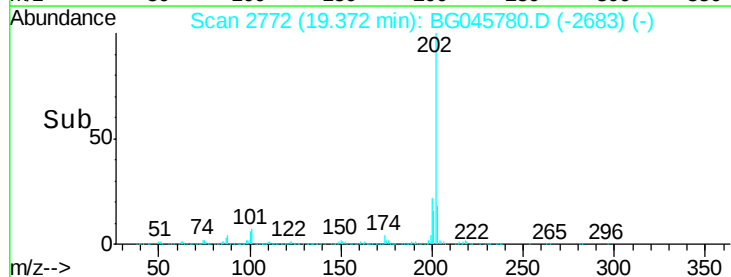
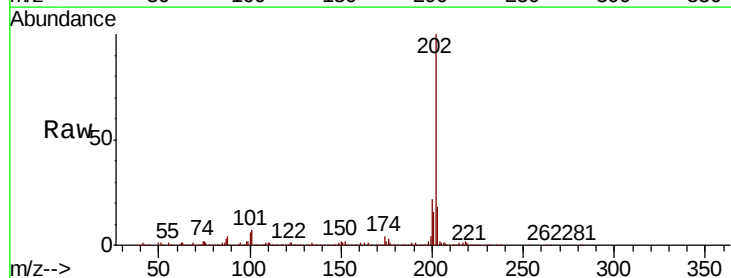
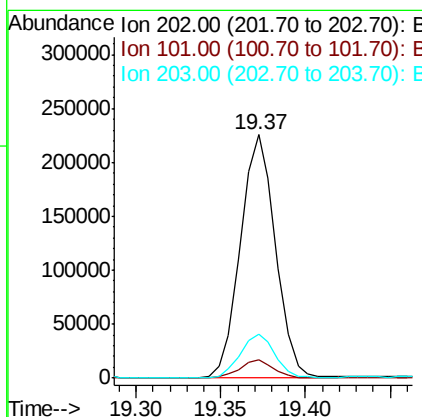
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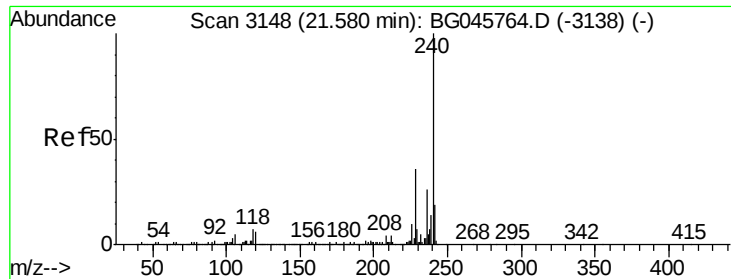
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#75
Fluoranthene
Concen: 11.952 ng
RT: 19.37 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.7
203	18.2	0.0	38.7





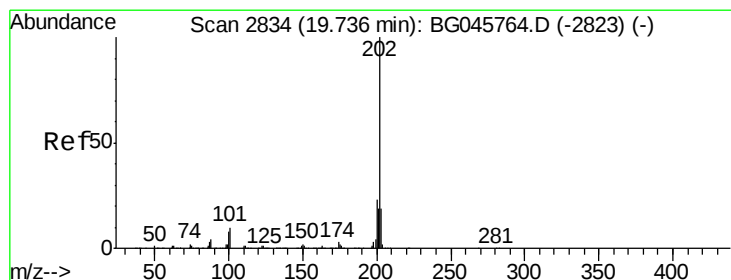
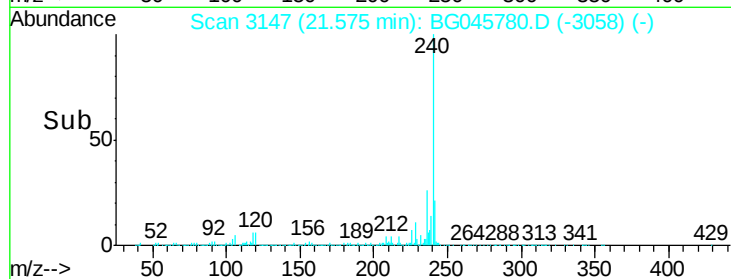
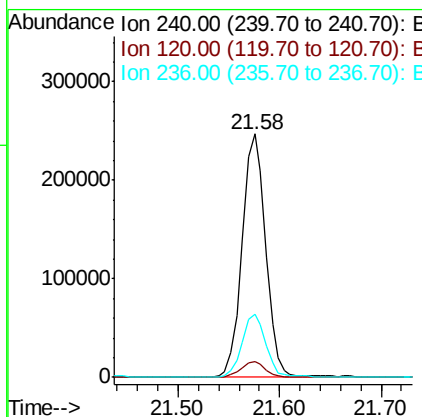
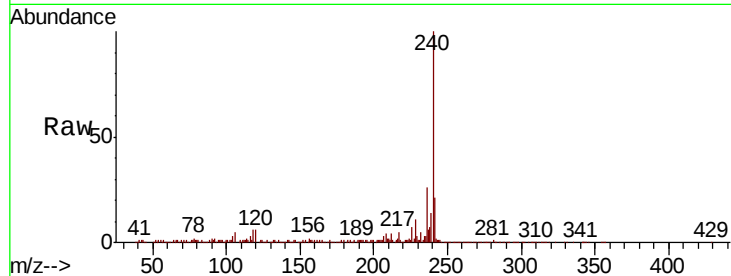
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.0	7.4
236	26.0	20.6	30.8

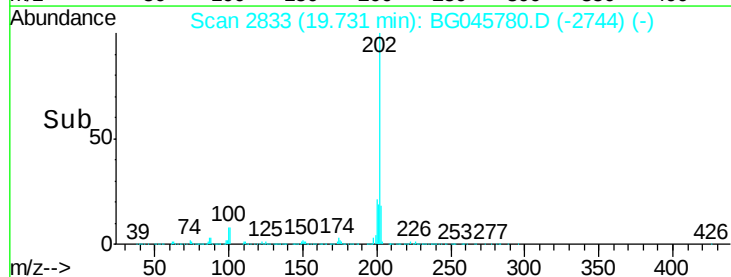
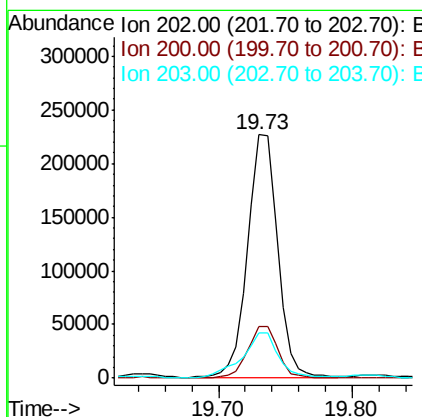
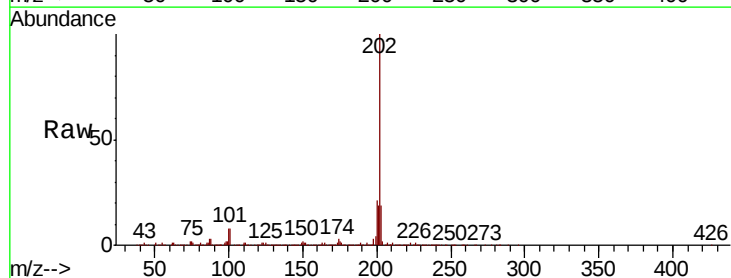
Manual Integrations
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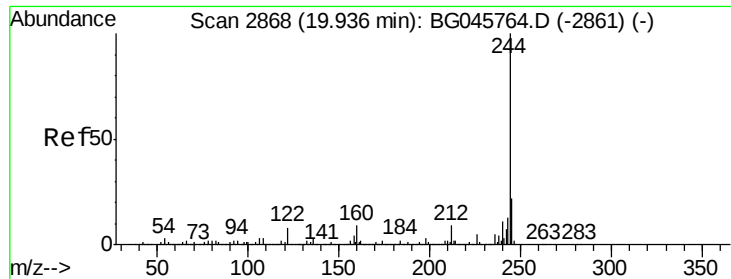
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#78
Pyrene
Concen: 13.083 ng
RT: 19.73 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.2
203	18.6	14.8	22.2





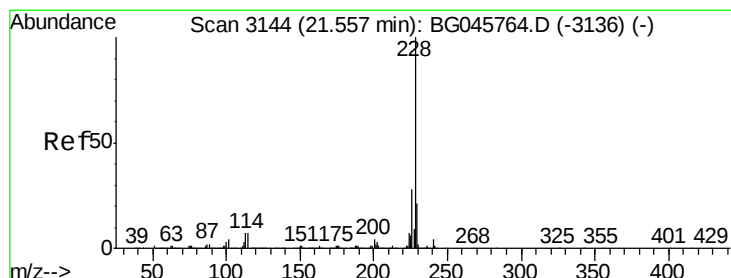
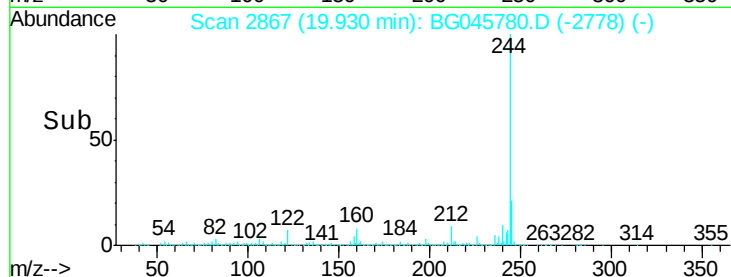
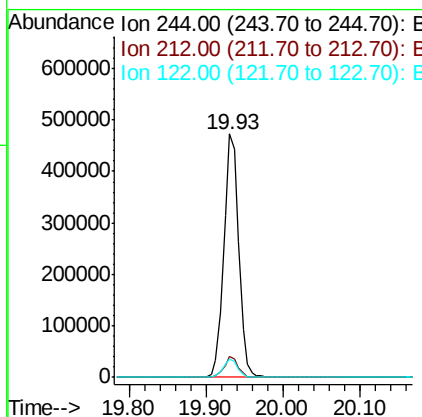
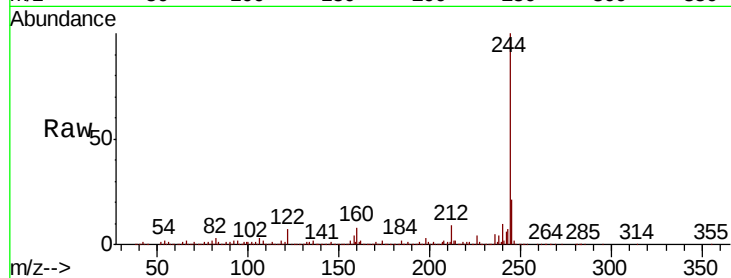
#79
 Terphenyl-d14
 Concen: 32.501 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BG045780.D
 Acq: 16 Jun 2020 20:02

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061520

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.2	10.8
122	7.3	6.4	9.6

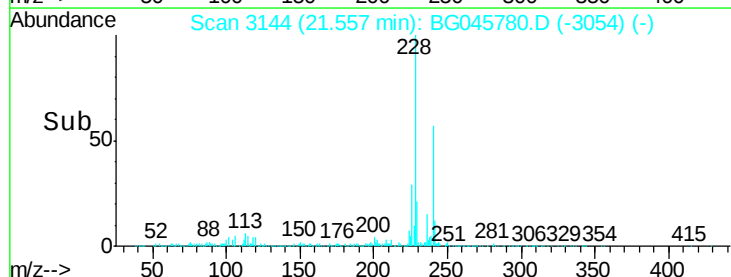
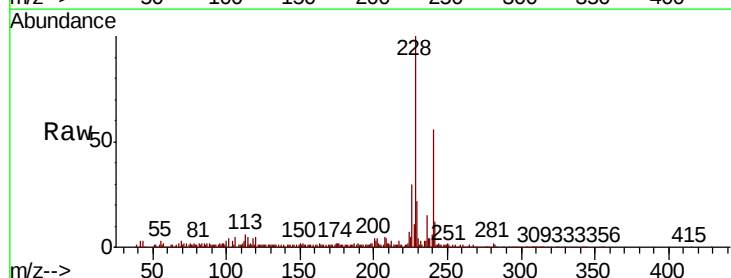
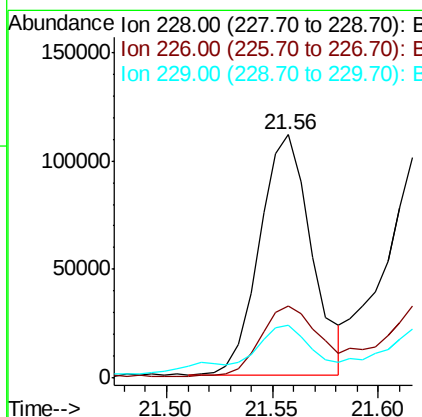
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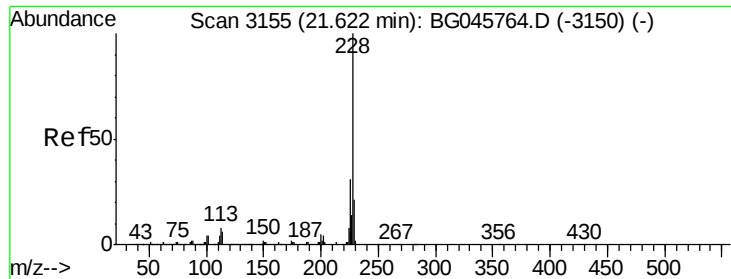
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#81
 Benzo(a)anthracene
 Concen: 7.332 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG045780.D
 Acq: 16 Jun 2020 20:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	22.0	16.6	24.8





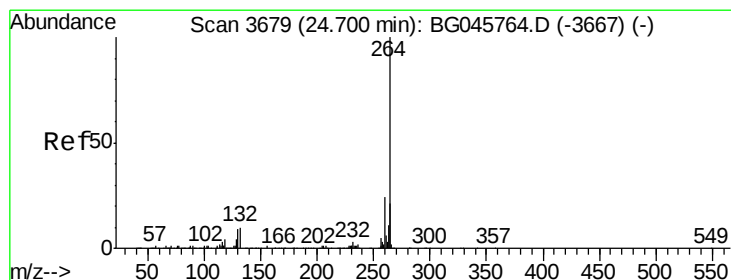
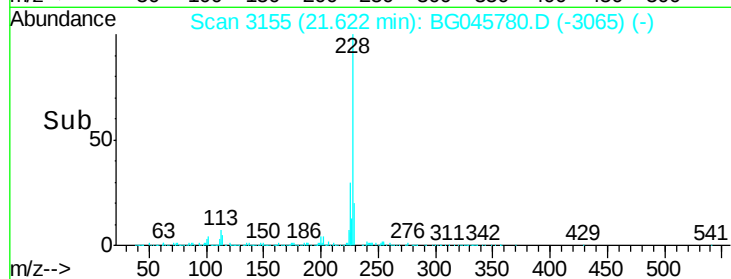
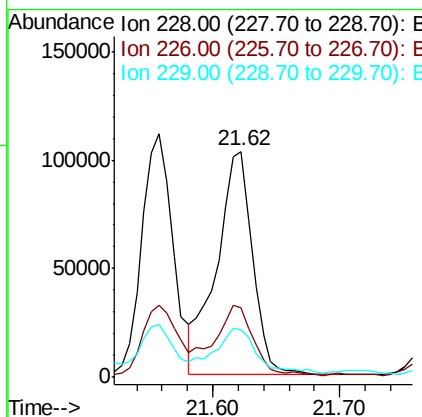
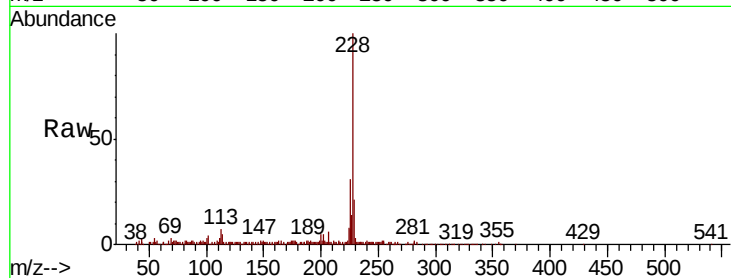
#83
Chrysene
Concen: 8.118 ng
RT: 21.62 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		202548		
226	30.6		25.1	37.7	
229	21.3		16.4	24.6	

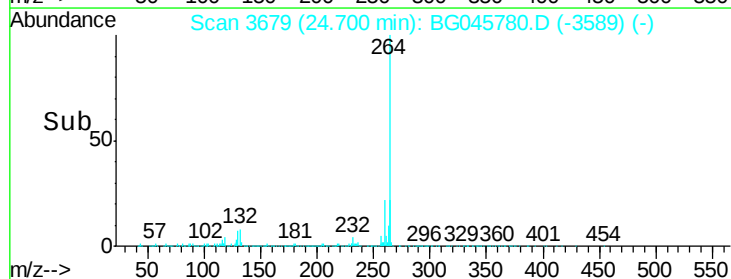
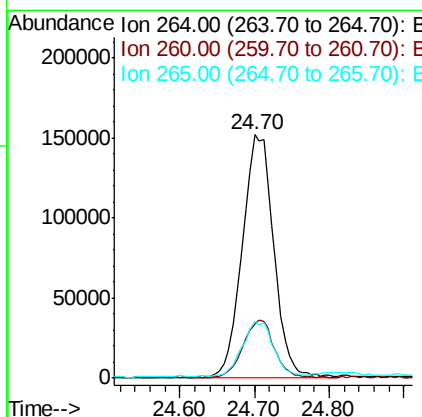
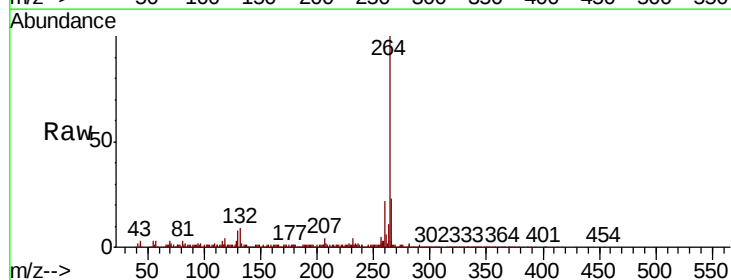
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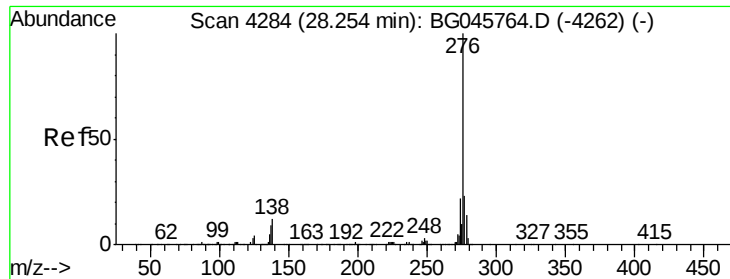
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		440871		
260	22.0		19.0	28.4	
265	23.1		17.4	26.0	





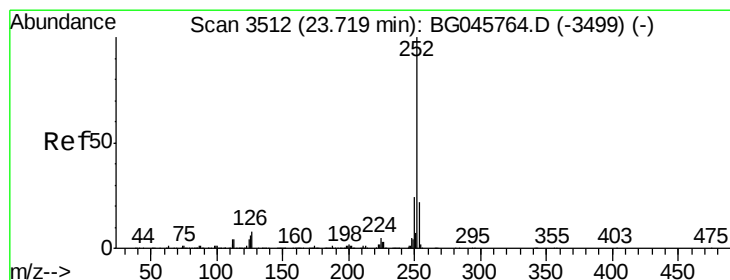
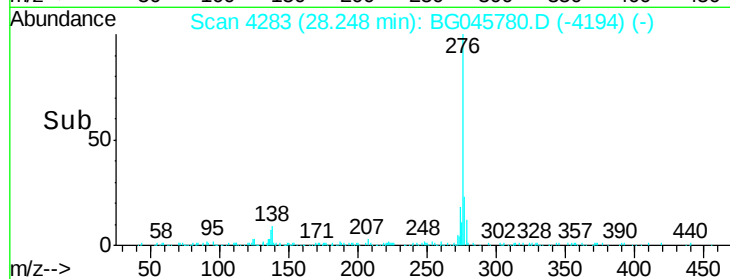
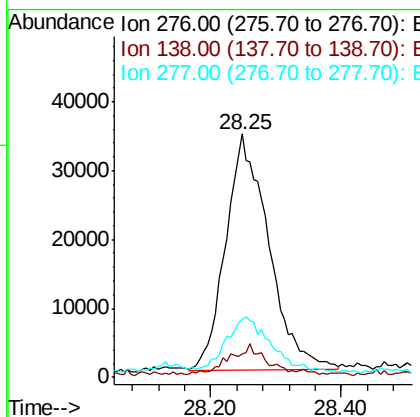
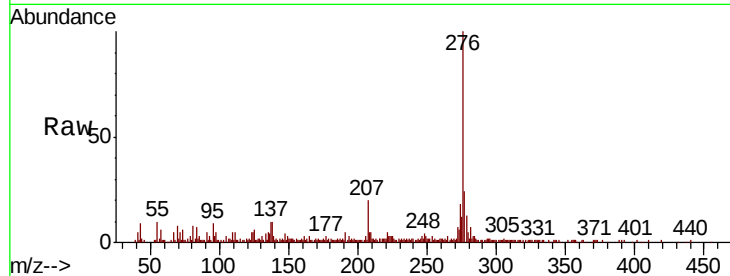
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.889 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Instrument :
BNA_G
ClientSampleId :
OR-03-061520

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.9	5.4	8.0
277	23.0	20.6	30.8

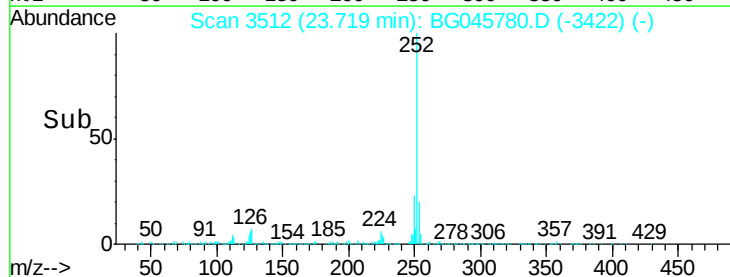
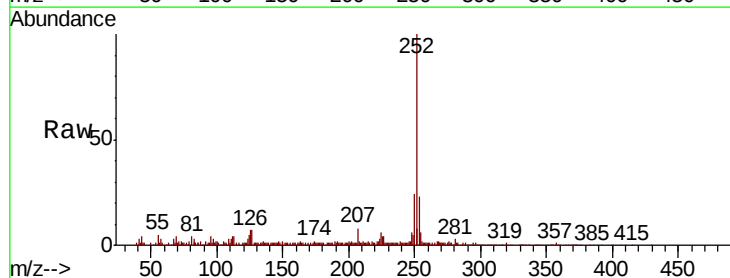
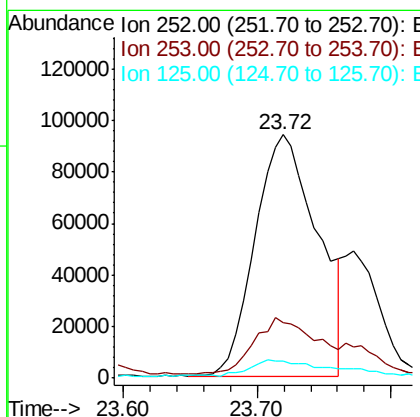
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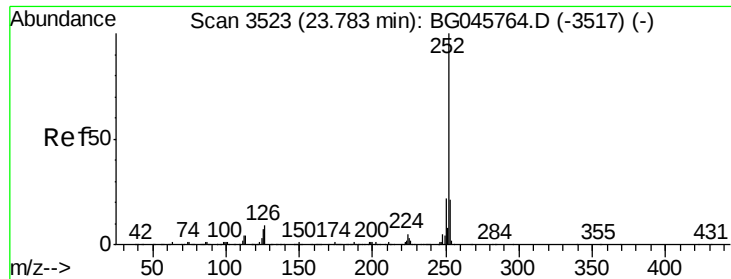
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#88
Benzo(b)fluoranthene
Concen: 11.042 ng
RT: 23.72 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BG045780.D
Acq: 16 Jun 2020 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	7.1	5.0	7.4





#89

Benzo(k)fluoranthene

Concen: 3.409 ng

RT: 23.77 min Scan# 3521

Delta R.T. -0.01 min

Lab File: BG045780.D

Acq: 16 Jun 2020 20:02

Instrument :

BNA_G

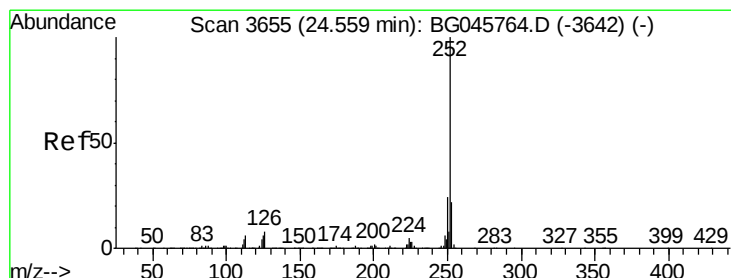
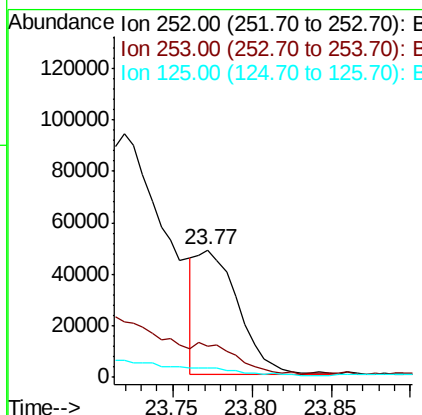
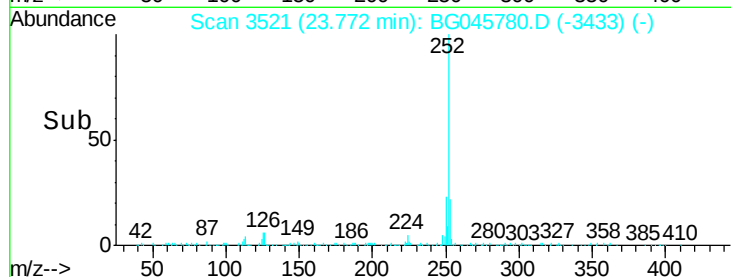
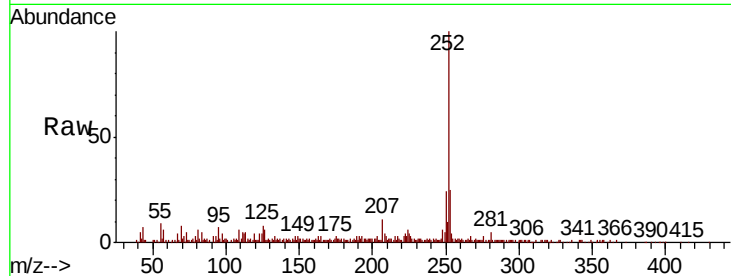
ClientSampleId :

OR-03-061520

Tot Ion:	252	Resp:	90180
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.2	25.8
125	7.7	5.2	7.8

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#90

Benzo(a)pyrene

Concen: 8.409 ng

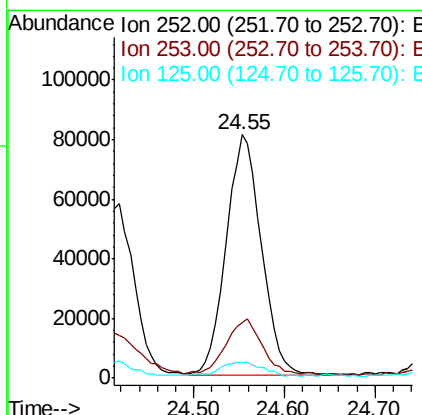
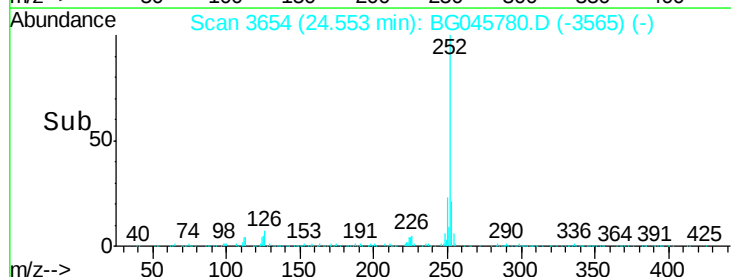
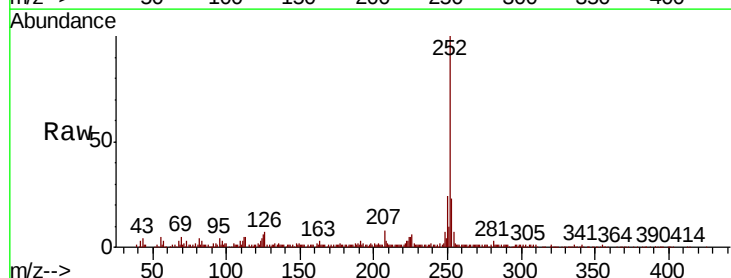
RT: 24.55 min Scan# 3654

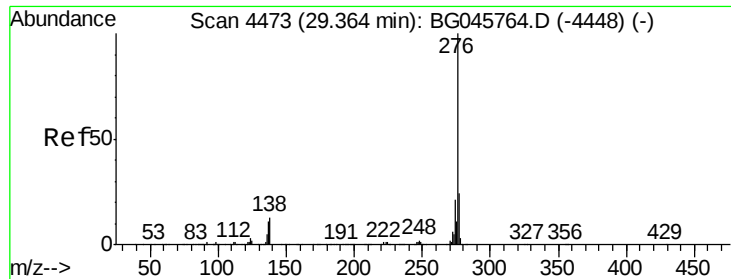
Delta R.T. -0.01 min

Lab File: BG045780.D

Acq: 16 Jun 2020 20:02

Tgt Ion:	252	Resp:	217138
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	6.2	5.0	7.6





#92
 Benzo(a,h,i)perylene
 Concen: 6.107 ng
 RT: 29.36 min Scan# 4473
 Delta R.T. 0.00 min
 Lab File: BG045780.D
 Acq: 16 Jun 2020 20:02

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061520

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.2	28.8
138	10.2	10.6	15.8

Manual Integrations
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