

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
 Data File : BG045019.D
 Acq On : 16 Apr 2020 23:29
 Operator : CG/JU
 Sample : L2281-09 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-35-36-43-44

Manual Integrations
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mohammad
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Quant Time: Apr 17 05:56:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	73984	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	330347	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	236754	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	441146	20.00	ng	0.00
76) Chrysene-d12	21.67	240	357126	20.00	ng	0.00
87) Perylene-d12	24.86	264	401159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	95074	21.22	ng	0.00
7) Phenol-d6	7.18	99	152958	22.97	ng	0.00
23) Nitrobenzene-d5	9.18	82	103547	14.30	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	77125	21.09	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	292831	18.14	ng	0.00
79) Terphenyl-d14	20.01	244	322912	19.71	ng	0.00
Target Compounds						
71) Phenanthrene	17.44	178	156557	6.906	ng	97
75) Fluoranthene	19.45	202	263754	4.321	ng	96
78) Pyrene	19.81	202	255478	10.377	ng	94
81) Benzo(a)anthracene	21.64	228	172836	7.467	ng	97
83) Chrysene	21.71	228	159258	7.161	ng	96
86) Indeno(1,2,3-cd)pyrene	28.48	276	120352	4.076	ng	# 91
88) Benzo(b)fluoranthene	23.85	252	243208	9.679	ng	# 90
89) Benzo(k)fluoranthene	23.91	252	63251m	2.647	ng	
90) Benzo(a)pyrene	24.70	252	173564	7.316	ng	# 87
92) Benzo(g,h,i)perylene	29.60	276	104709	4.369	ng	92

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

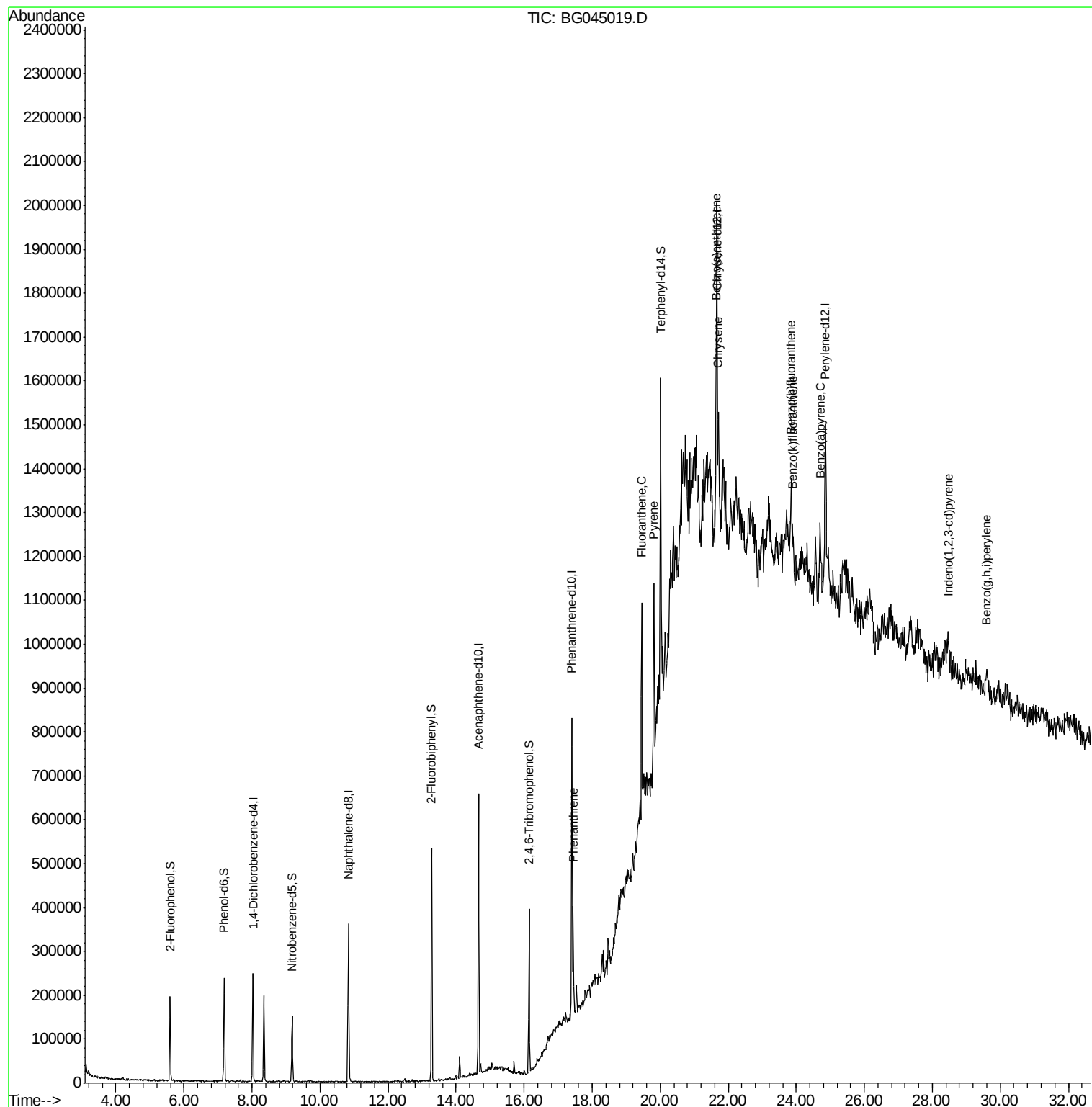
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045019.D
Acq On : 16 Apr 2020 23:29
Operator : CG/JU
Sample : L2281-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

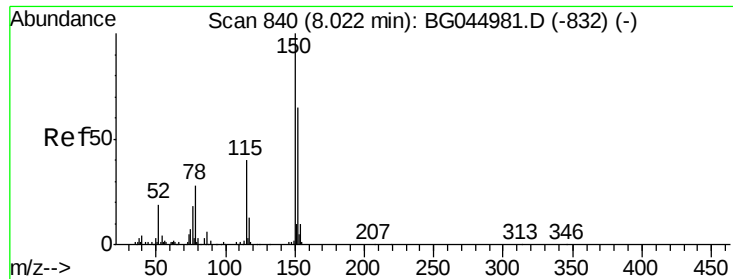
Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

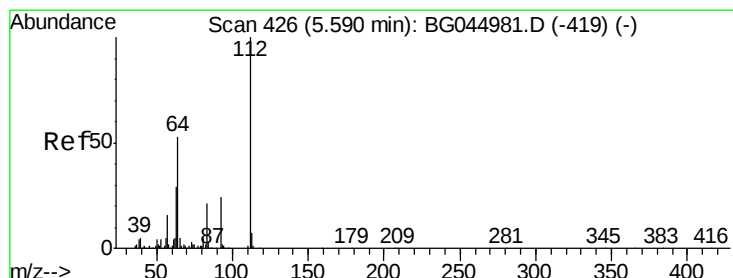
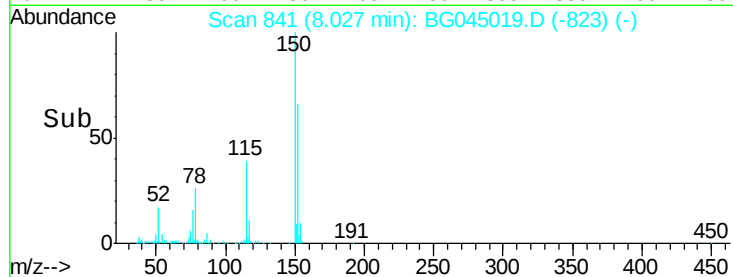
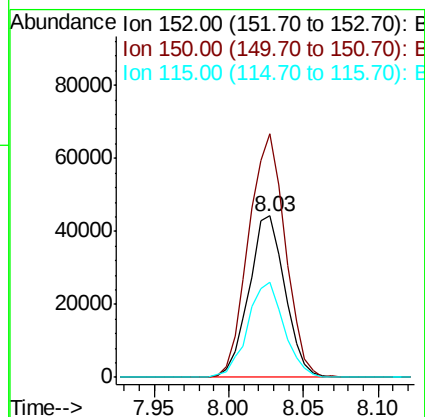
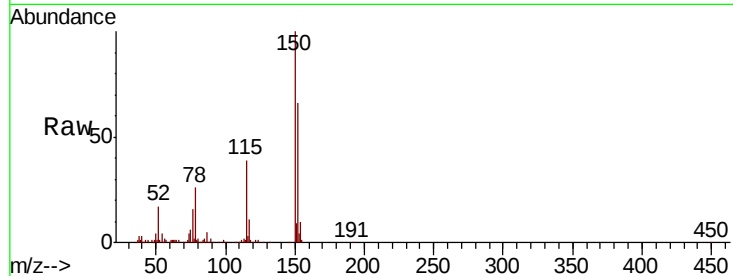
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BG045019.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.6	185.4
115	58.6	49.1	73.7

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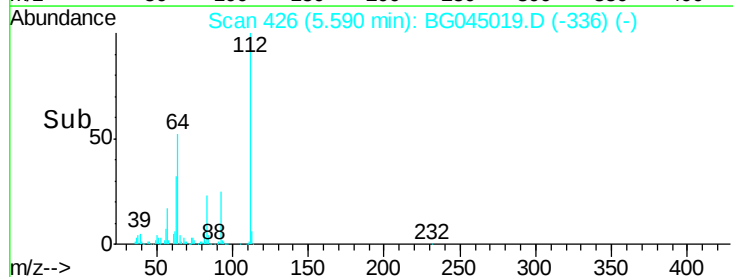
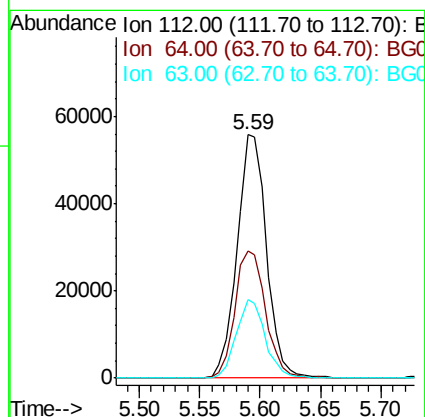
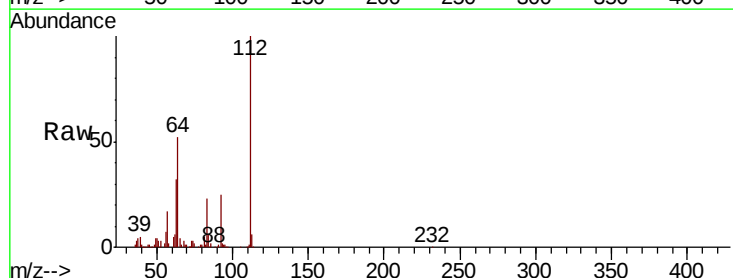
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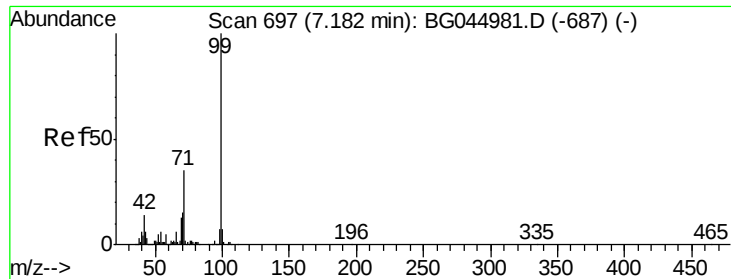


#5

2-Fluorophenol
Concen: 21.216 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045019.D
Acq: 16 Apr 2020 23:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.4	63.6
63	32.4	23.1	34.7





#7

Phenol-d6

Concen: 22.973 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045019.D

Acq: 16 Apr 2020 23:29

Instrument :

BNA_G

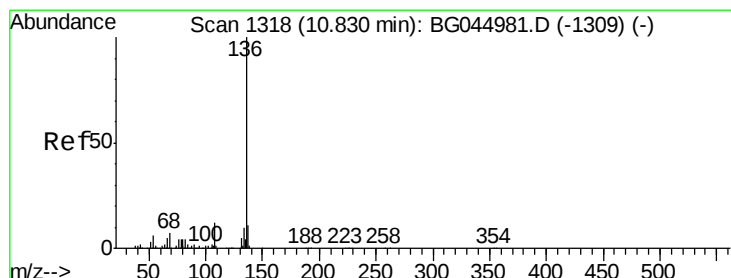
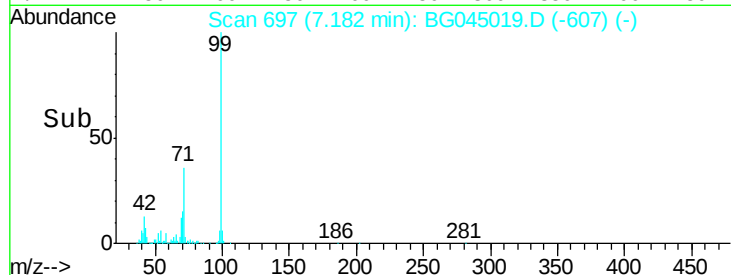
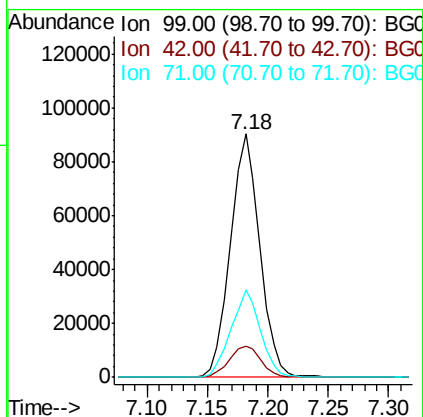
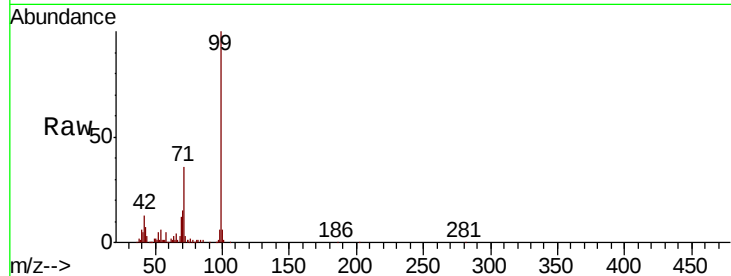
ClientSampleId :

TP-35-36-43-44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		152958		
42	12.6	11.3	16.9		
71	35.9	28.3	42.5		

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#21

Naphthalene-d8

Concen: 20.000 ng

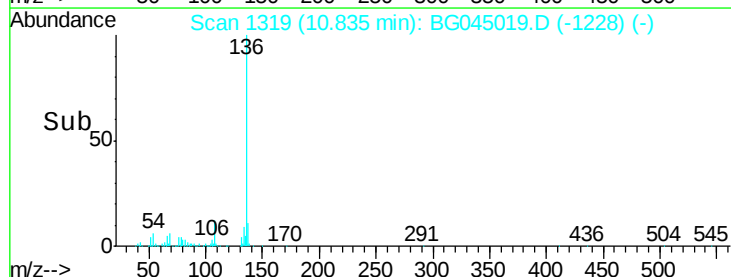
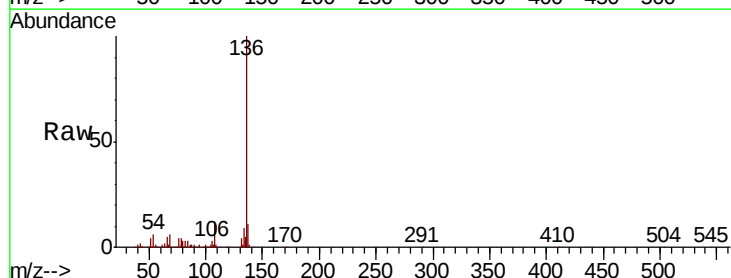
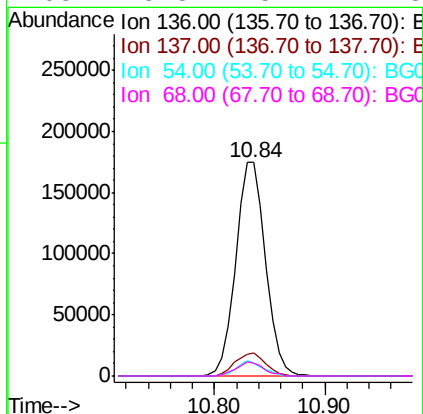
RT: 10.84 min Scan# 1319

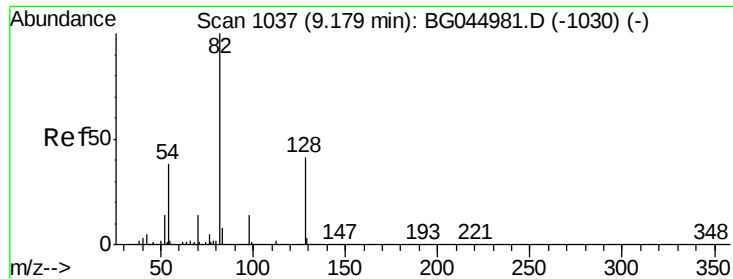
Delta R.T. 0.01 min

Lab File: BG045019.D

Acq: 16 Apr 2020 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		330347		
137	10.9	8.6	13.0		
54	6.2	4.8	7.2		
68	5.8	5.2	7.8		





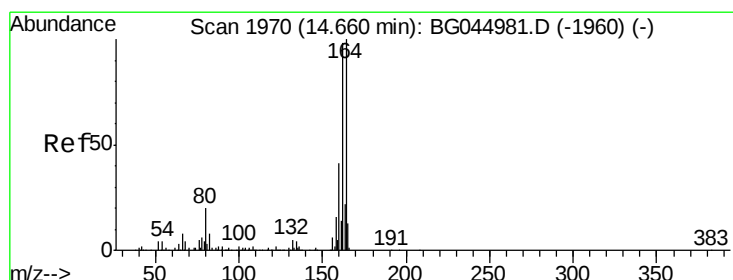
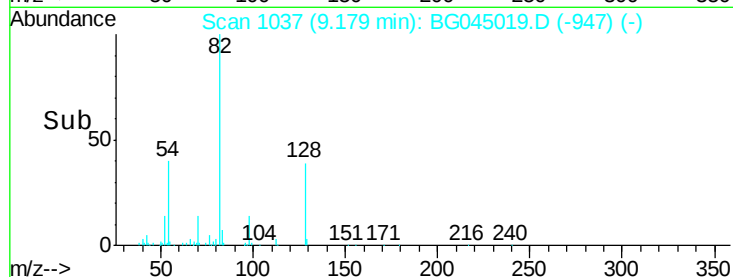
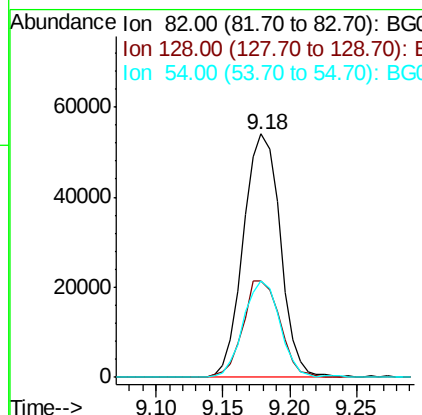
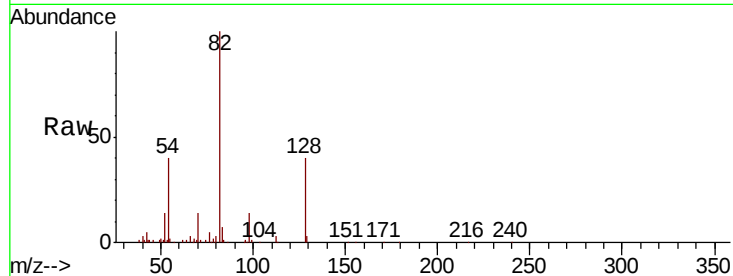
#23
Nitrobenzene-d5
Concen: 14.302 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045019.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

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

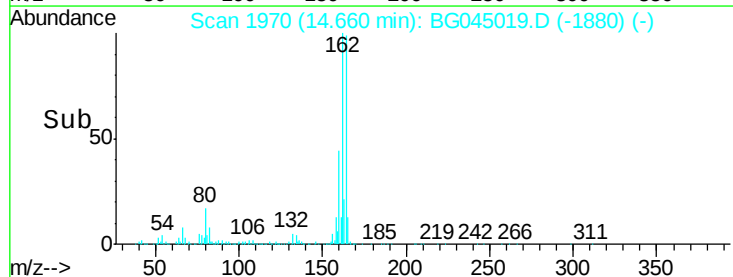
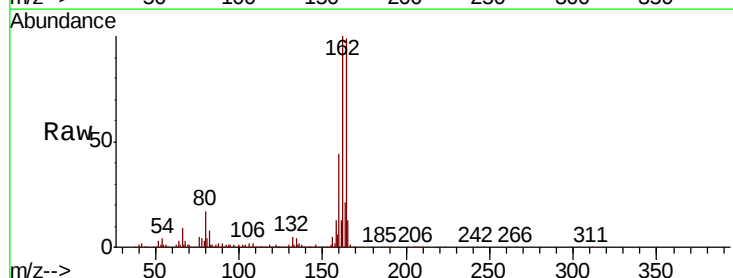
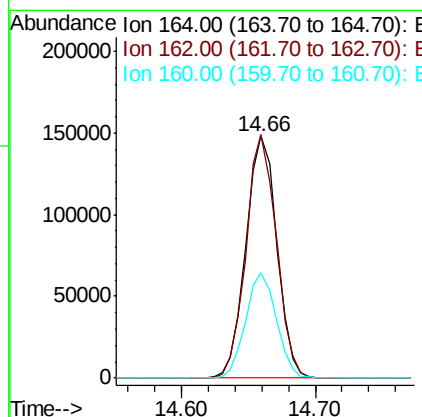
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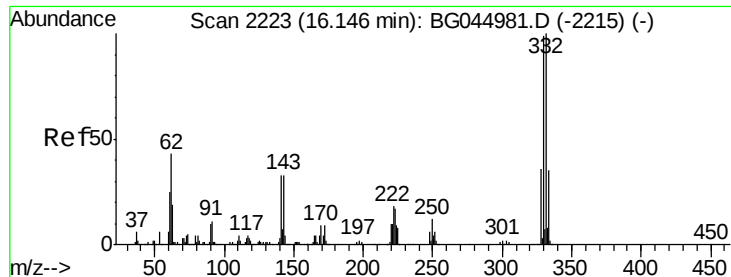
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG045019.D
Acq: 16 Apr 2020 23:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.7	118.1
160	43.8	32.8	49.2





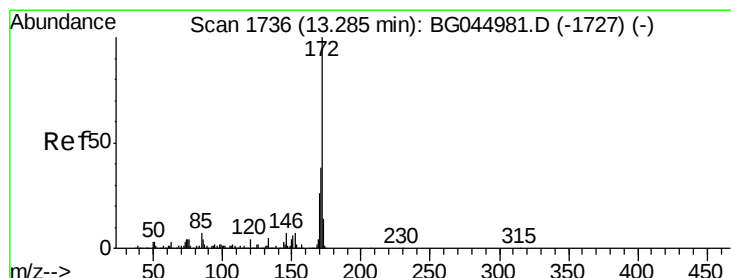
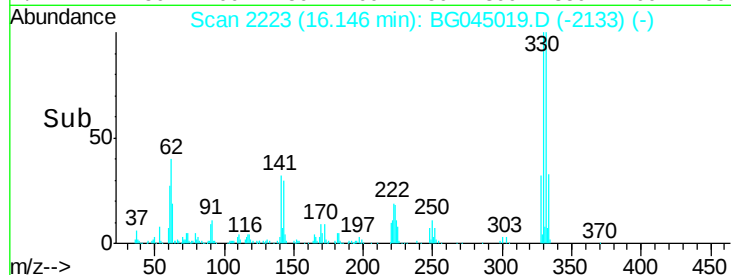
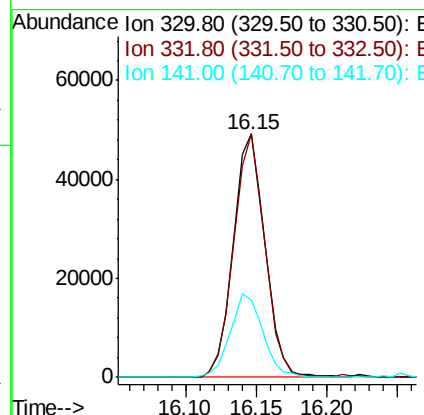
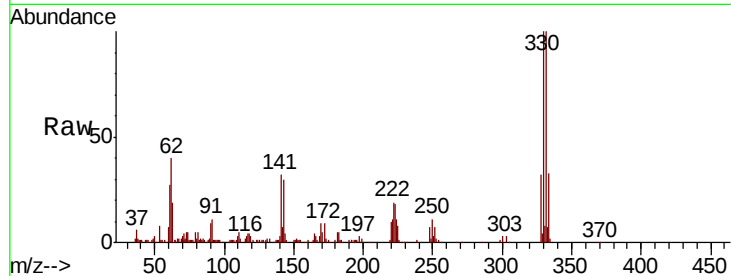
#42
 2,4,6-Tribromophenol
 Concen: 21.087 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG045019.D
 Acq: 16 Apr 2020 23:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-35-36-43-44

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.1	118.7
141	35.4	27.1	40.7

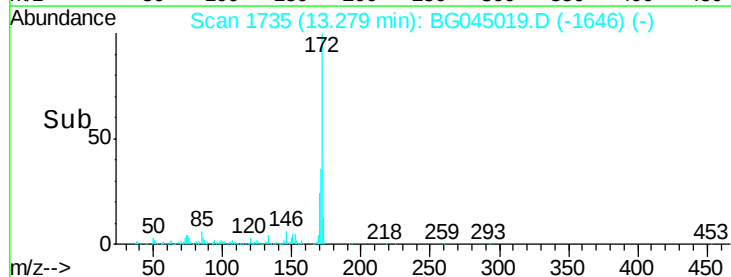
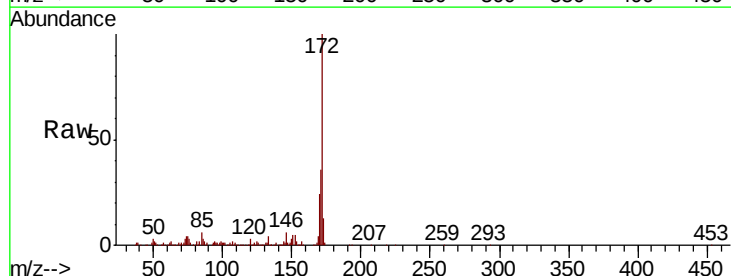
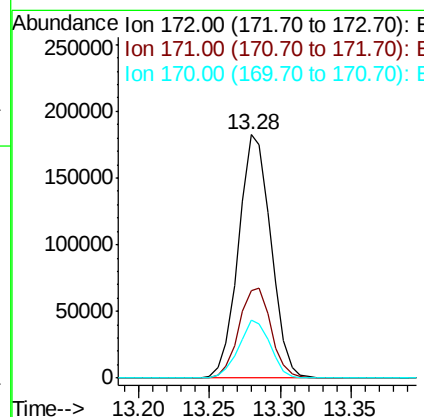
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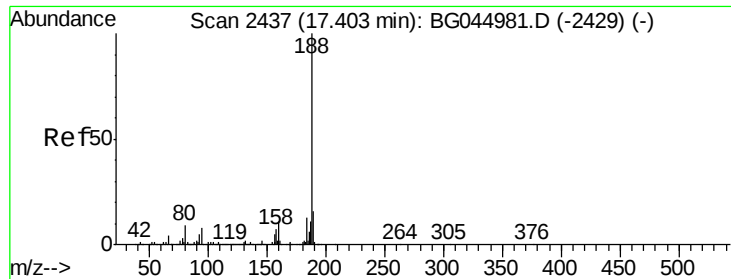
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#45
 2-Fluorobiphenyl
 Concen: 18.136 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG045019.D
 Acq: 16 Apr 2020 23:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.6	46.0
170	23.7	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG045019.D

Acq: 16 Apr 2020 23:29

Instrument :

BNA_G

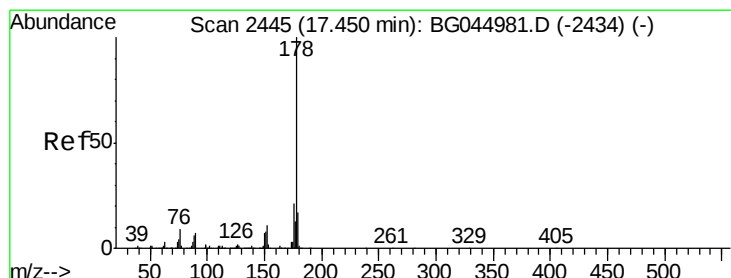
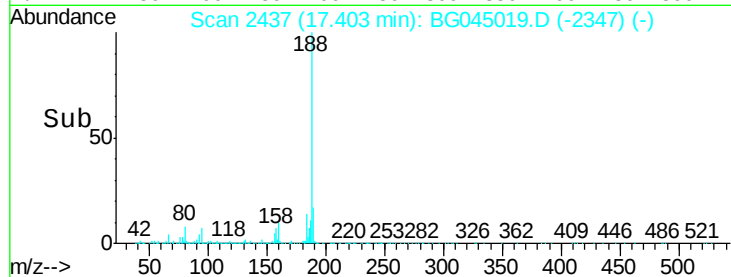
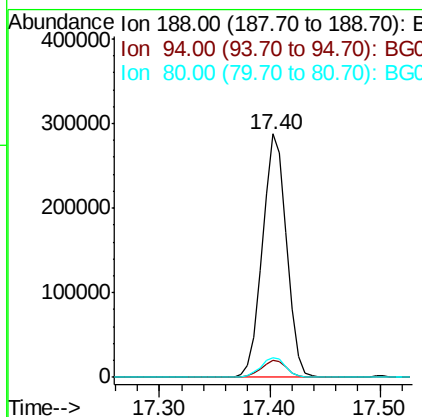
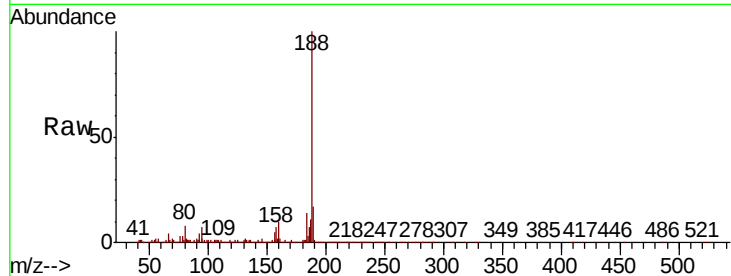
ClientSampleId :

TP-35-36-43-44

Tot Ion:	188	Resp:	441146
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.2	9.4
80	7.9	7.0	10.6

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#71

Phenanthrene

Concen: 6.906 ng

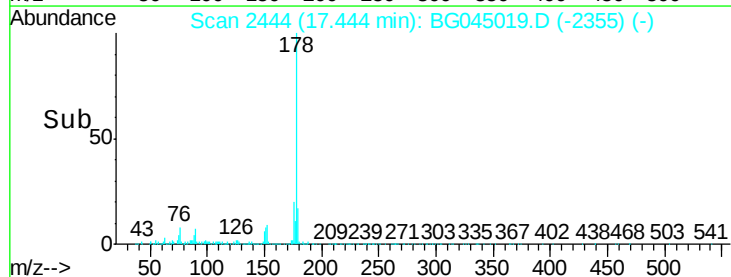
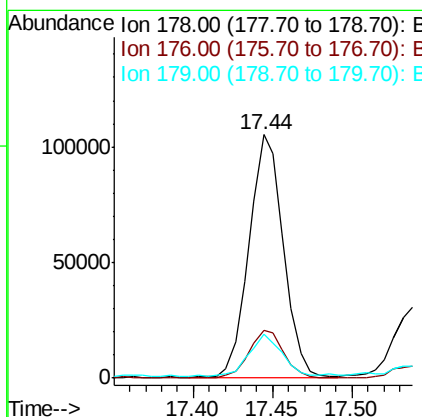
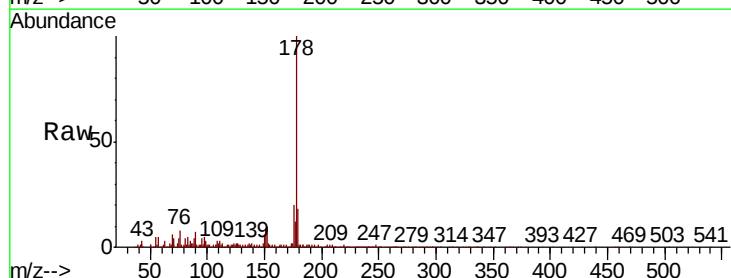
RT: 17.44 min Scan# 2444

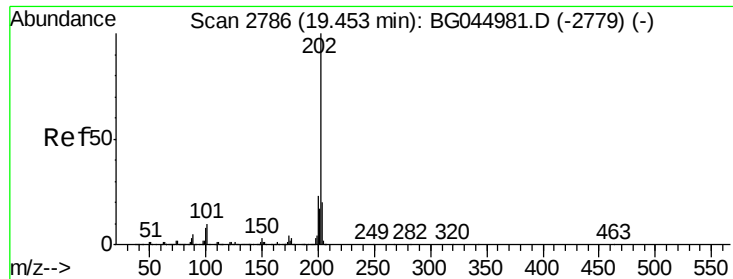
Delta R.T. -0.01 min

Lab File: BG045019.D

Acq: 16 Apr 2020 23:29

Tgt Ion:	178	Resp:	156557
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.8	25.2
179	17.9	13.2	19.8





#75

Fluoranthene

Concen: 4.321 ng

RT: 19.45 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG045019.D

Acq: 16 Apr 2020 23:29

Instrument :

BNA_G

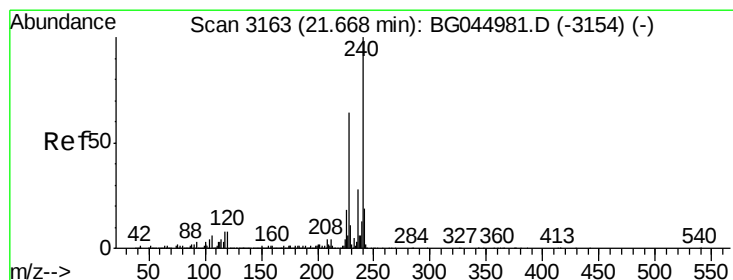
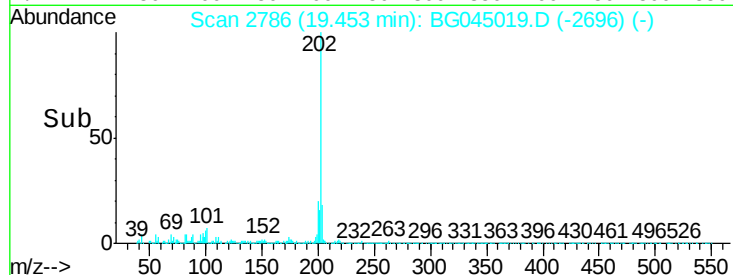
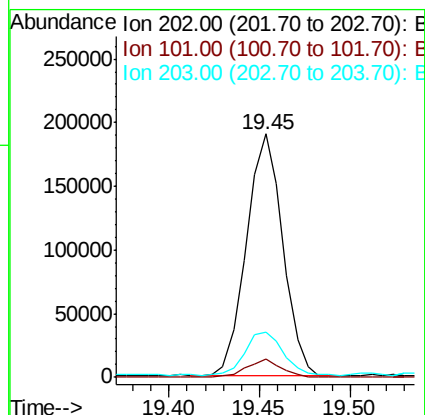
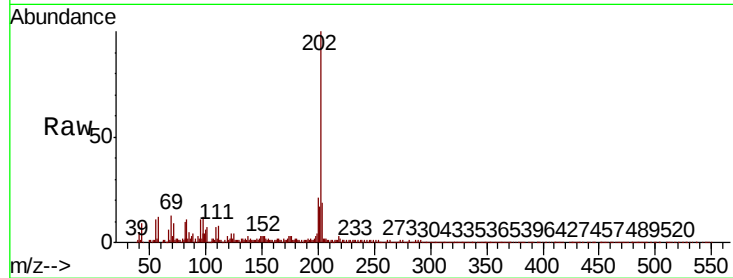
ClientSampleId :

TP-35-36-43-44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.4	0.0	29.6		
203	18.6	0.0	39.7		

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#76

Chrysene-d12

Concen: 20.000 ng

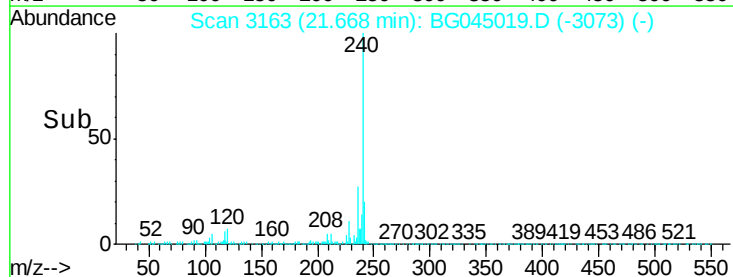
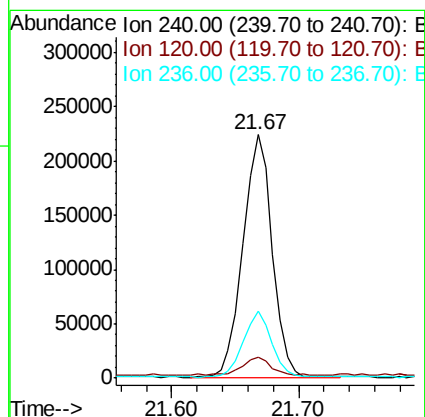
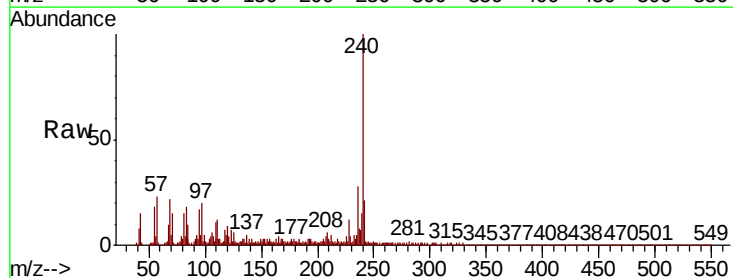
RT: 21.67 min Scan# 3163

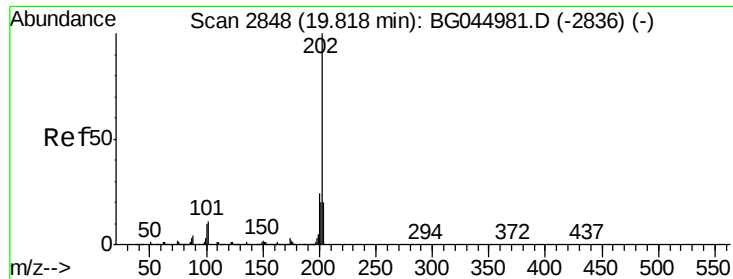
Delta R.T. -0.00 min

Lab File: BG045019.D

Acq: 16 Apr 2020 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	8.7	6.6	10.0		
236	27.6	22.2	33.2		





#78

Pvrene

Concen: 10.377 ng

RT: 19.81 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG045019.D

Acq: 16 Apr 2020 23:29

Instrument :

BNA_G

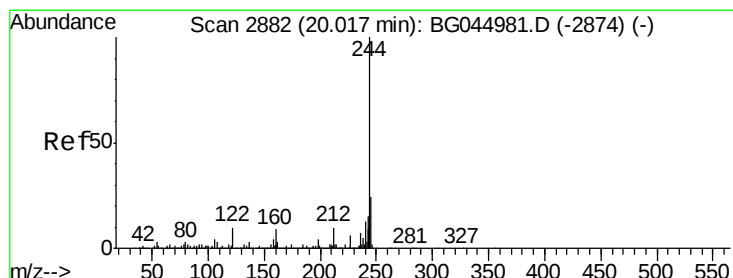
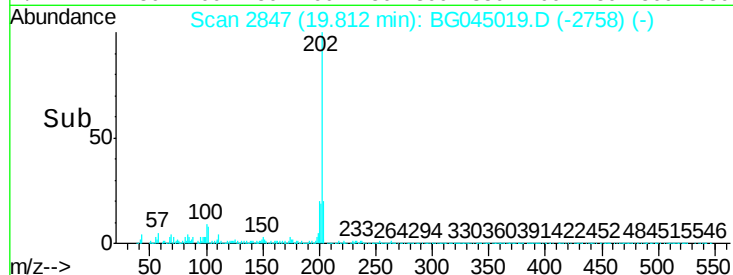
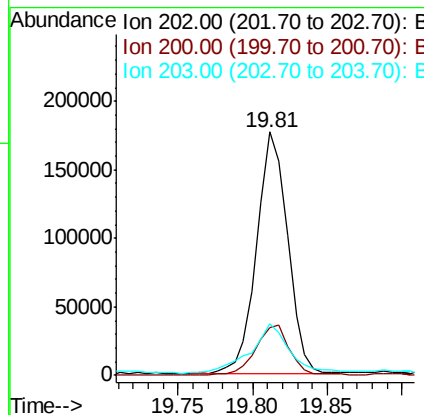
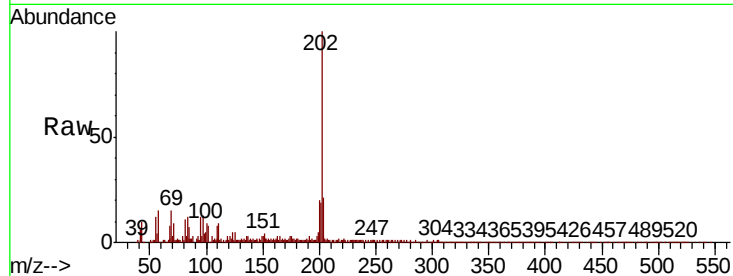
ClientSampleId :

TP-35-36-43-44

Tot Ion:	202	Resp:	255478
Ion Ratio	Lower	Upper	
202	100		
200	19.6	19.0	28.6
203	21.4	16.1	24.1

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#79

Terphenyl-d14

Concen: 19.708 ng

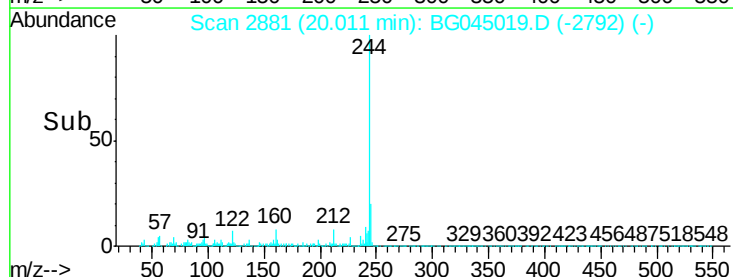
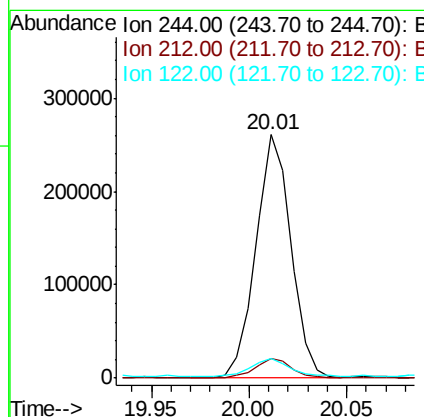
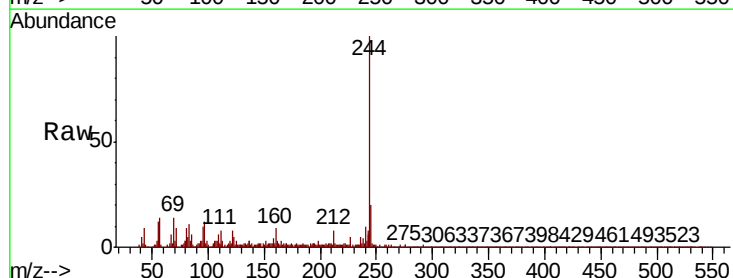
RT: 20.01 min Scan# 2881

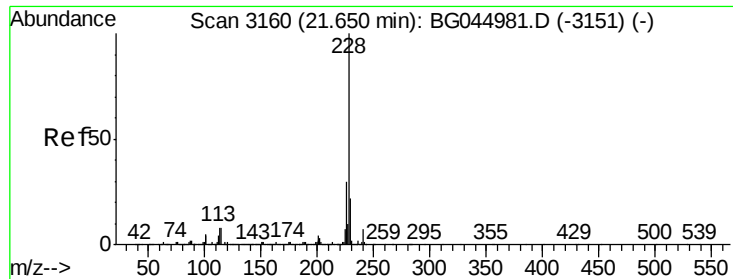
Delta R.T. -0.01 min

Lab File: BG045019.D

Acq: 16 Apr 2020 23:29

Tgt Ion:	244	Resp:	322912
Ion Ratio	Lower	Upper	
244	100		
212	7.9	7.9	11.9#
122	7.9	7.7	11.5





#81

Benzo(a)anthracene

Concen: 7.467 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045019.D

Acq: 16 Apr 2020 23:29

Instrument :

BNA_G

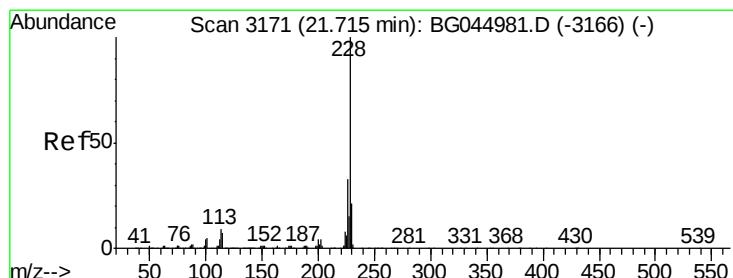
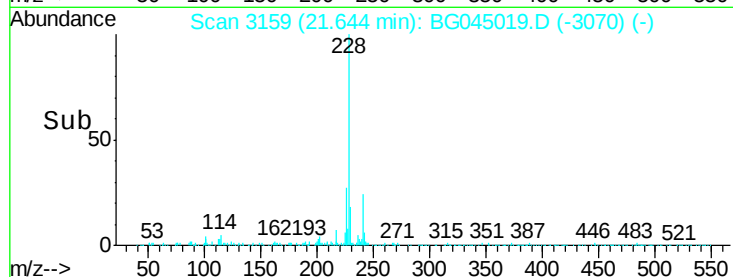
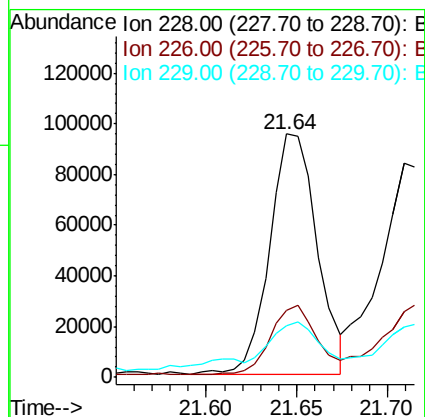
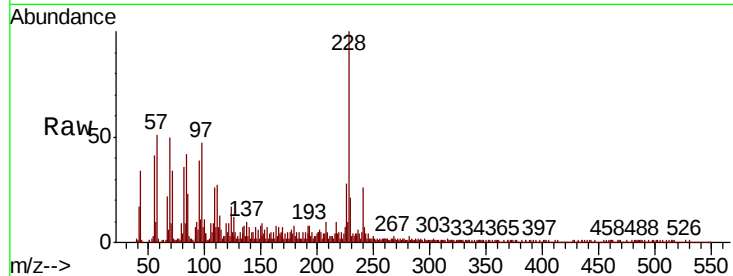
ClientSampleId :

TP-35-36-43-44

Tot Ion:	228	Resp:	172836
Ion Ratio	Lower	Upper	
228	100		
226	27.7	24.0	36.0
229	20.9	17.5	26.3

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#83

Chrysene

Concen: 7.161 ng

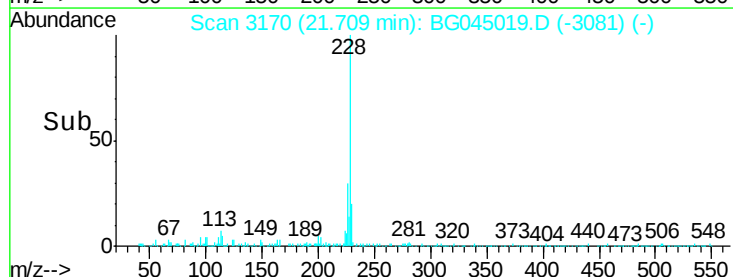
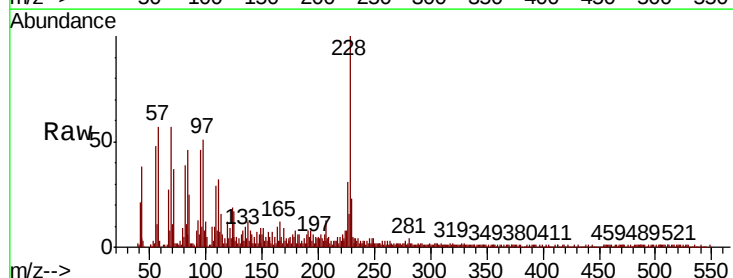
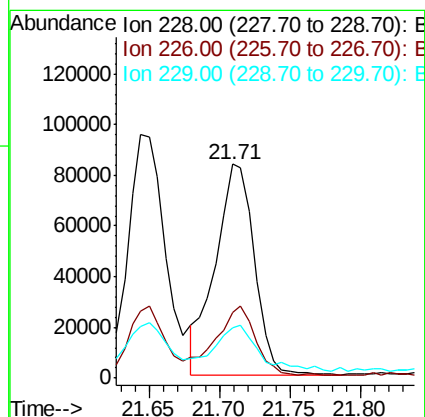
RT: 21.71 min Scan# 3170

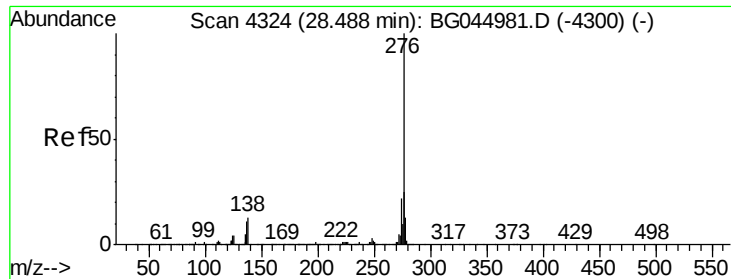
Delta R.T. -0.01 min

Lab File: BG045019.D

Acq: 16 Apr 2020 23:29

Tgt Ion:	228	Resp:	159258
Ion Ratio	Lower	Upper	
228	100		
226	30.9	26.2	39.4
229	23.4	17.0	25.6





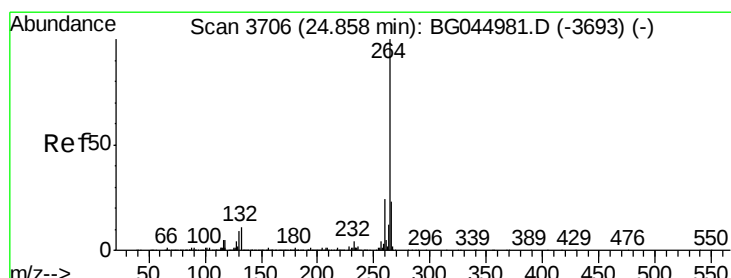
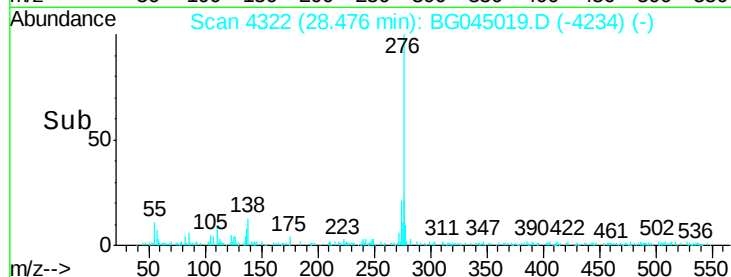
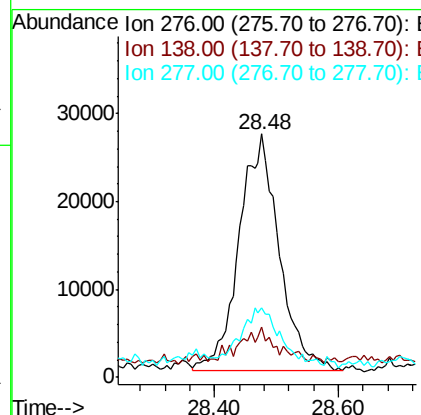
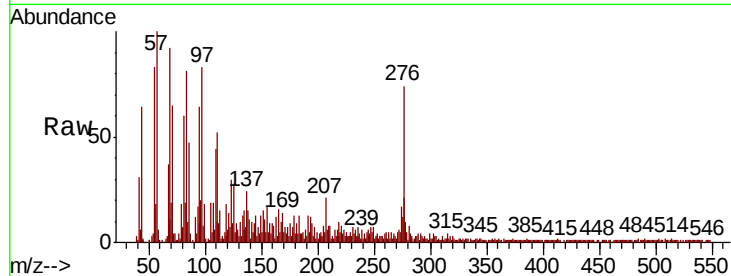
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.076 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.01 min
Lab File: BG045019.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tot Ion	Ratio	Lower	Upper
276	100		
138	3.1	9.6	14.4#
277	24.4	20.6	31.0

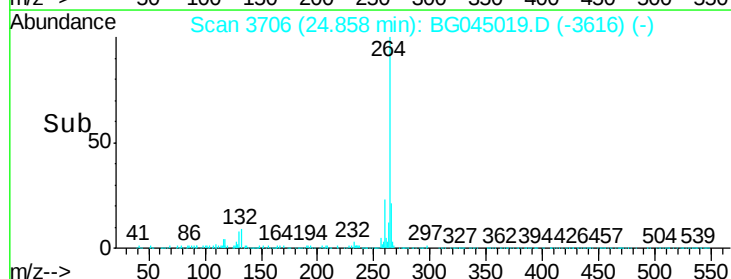
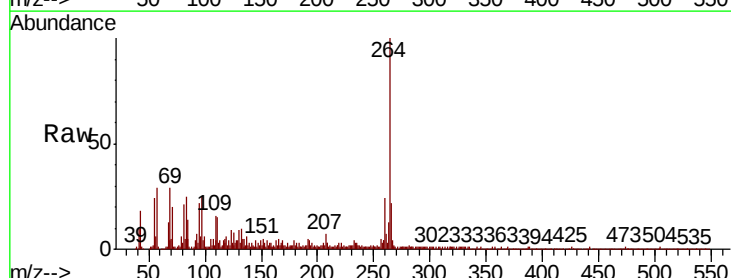
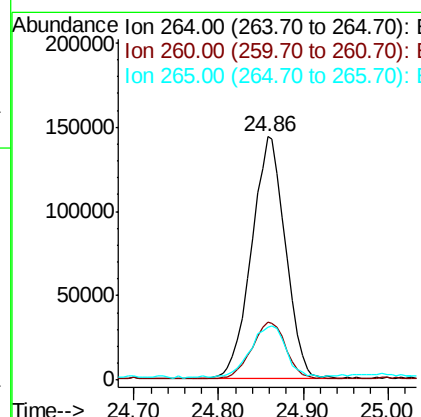
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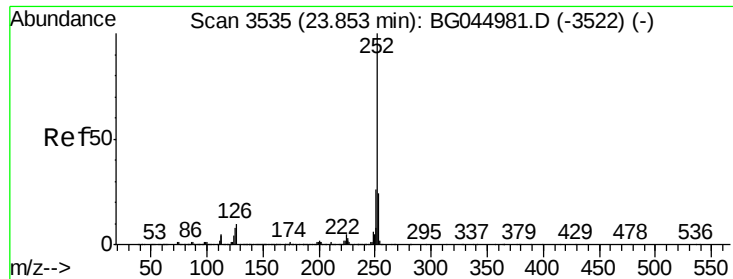
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG045019.D
Acq: 16 Apr 2020 23:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	19.0	28.4





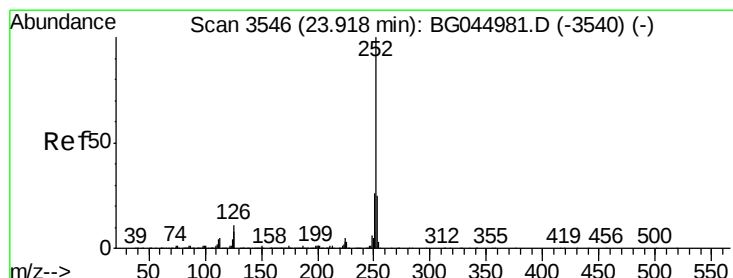
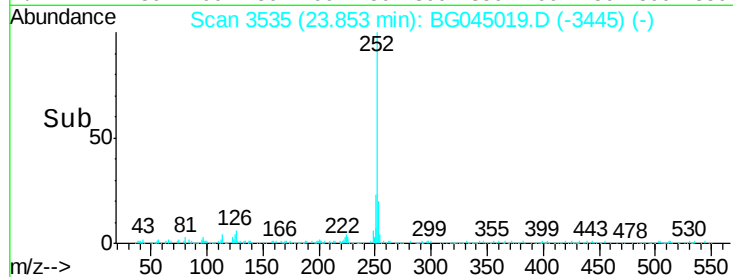
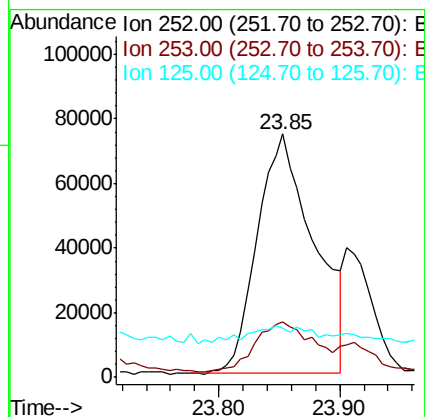
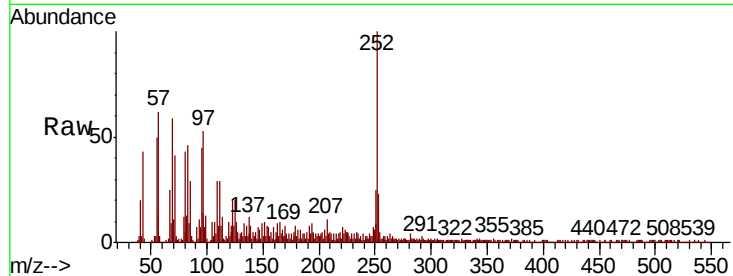
#88
Benzo(b)fluoranthene
Concen: 9.679 ng
RT: 23.85 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG045019.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.8	28.2
125	20.1	6.2	9.4

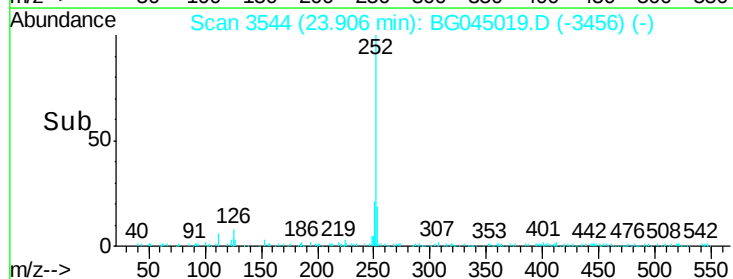
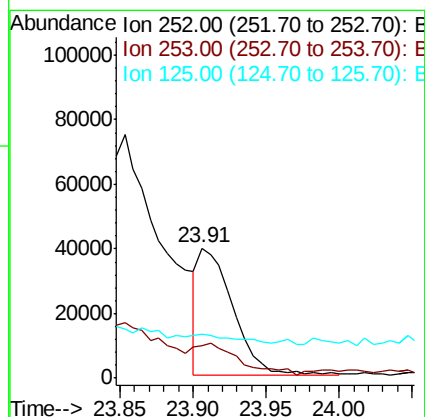
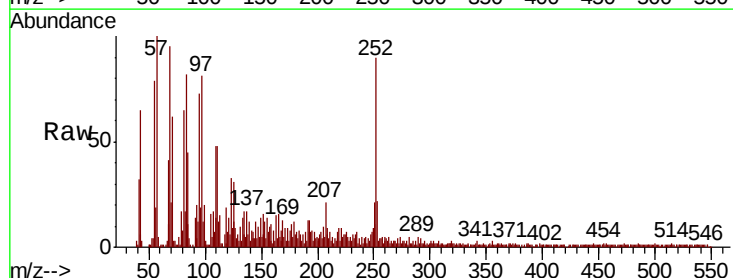
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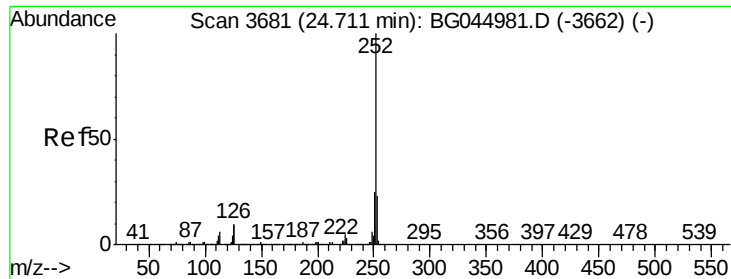
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#89
Benzo(k)fluoranthene
Concen: 2.647 ng m
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG045019.D
Acq: 16 Apr 2020 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.2	28.8
125	33.8	5.9	8.9





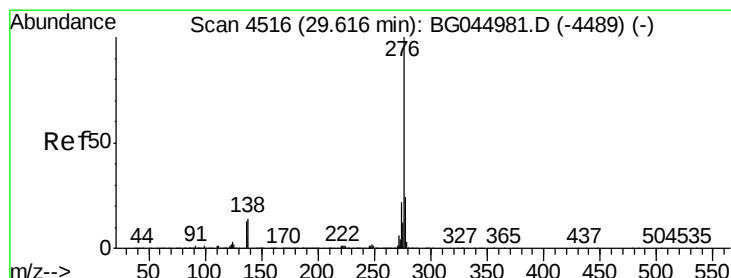
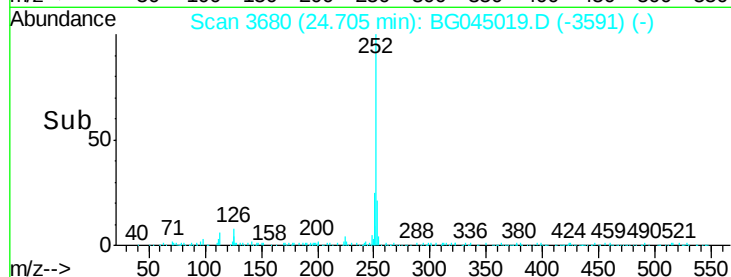
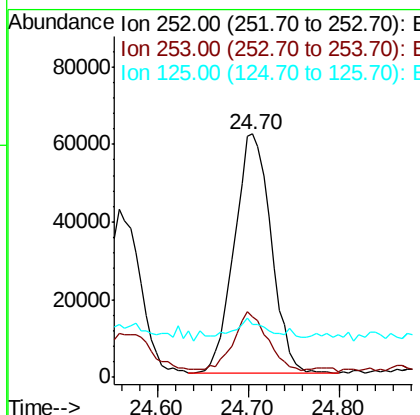
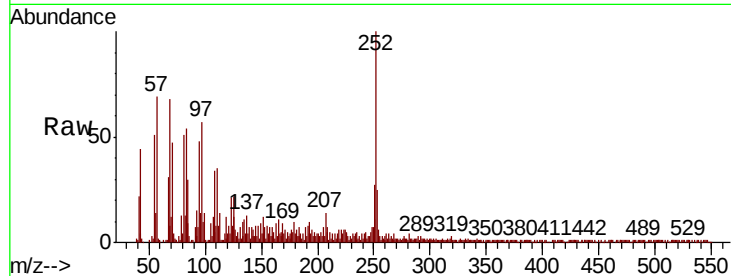
#90
Benzo(a)pyrene
Concen: 7.316 ng
RT: 24.70 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG045019.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.3	27.5
125	21.9	7.0	10.6

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#92
Benzo(g,h,i)perylene
Concen: 4.369 ng
RT: 29.60 min Scan# 4513
Delta R.T. -0.02 min
Lab File: BG045019.D
Acq: 16 Apr 2020 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.3	19.3	28.9
138	16.8	11.4	17.2

