

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045135.D
 Acq On : 22 Apr 2020 20:47
 Operator : CG/JU
 Sample : L2327-33
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-S

Manual Integrations
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mohammad
 4/24/2020 4:19:16 AM

Quant Time: Apr 23 04:48:08 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 22 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	96434	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	391618	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	267803	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	565563	20.00	ng	0.00
76) Chrysene-d12	21.66	240	503275	20.00	ng	0.00
87) Perylene-d12	24.85	264	537857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	531723	91.03	ng	0.00
7) Phenol-d6	7.18	99	809836	93.32	ng	0.00
23) Nitrobenzene-d5	9.17	82	560564	65.31	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	387008	93.54	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1295112	70.91	ng	0.00
79) Terphenyl-d14	20.01	244	1748528	75.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	208880	9.579	ng	99
71) Phenanthrene	17.44	178	60641	2.087	ng	99
78) Pyrene	19.81	202	241692	6.966	ng	95
81) Benzo(a)anthracene	21.64	228	146719	4.498	ng	97
83) Chrysene	21.70	228	141778	4.524	ng	99
86) Indeno(1,2,3-cd)pyrene	28.47	276	151503	3.641	ng	99
88) Benzo(b)fluoranthene	23.84	252	242834	7.208	ng	97
89) Benzo(k)fluoranthene	23.89	252	79237m	2.473	ng	
90) Benzo(a)pyrene	24.69	252	204046m	6.415	ng	
92) Benzo(g,h,i)perylene	29.58	276	174431	5.428	ng	97

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

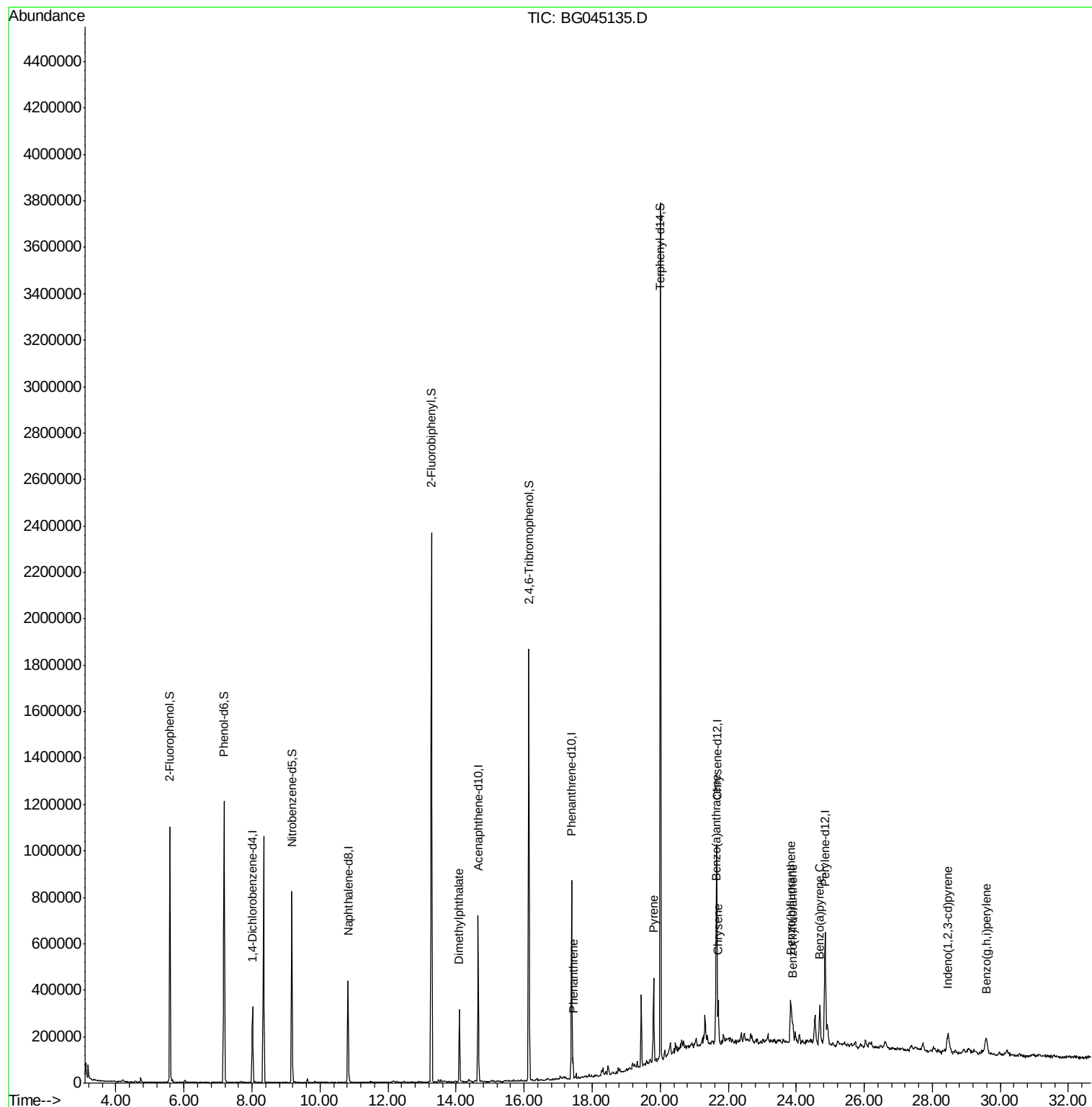
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045135.D
Acq On : 22 Apr 2020 20:47
Operator : CG/JU
Sample : L2327-33
Misc :
ALS Vial : 15 Sample Multiplier: 1

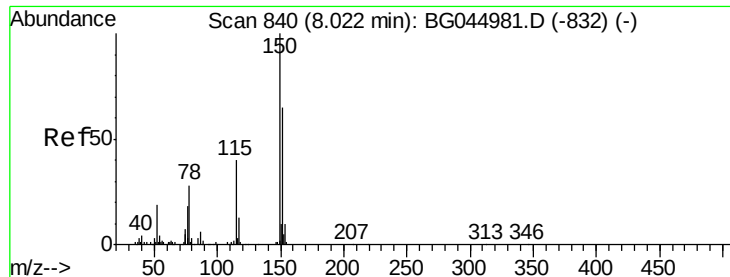
Instrument :
BNA_G
ClientSampleId :
TP-6-S

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#1

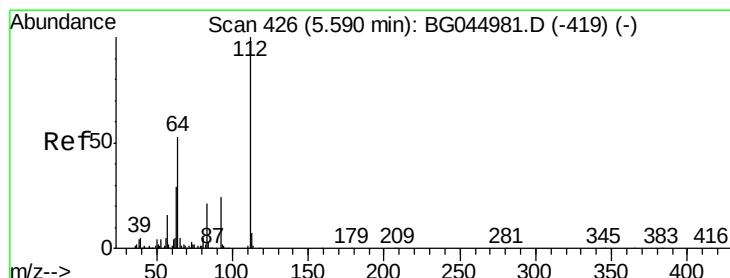
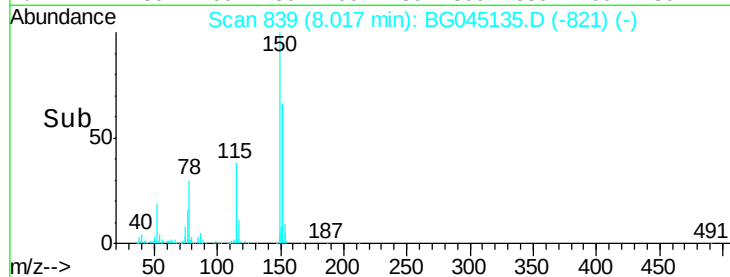
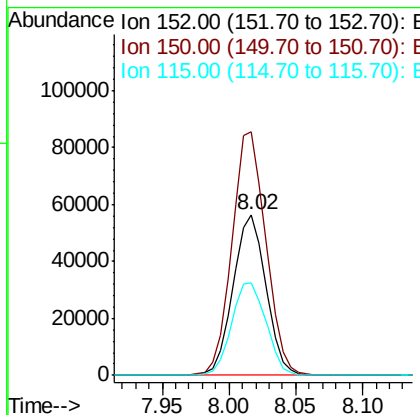
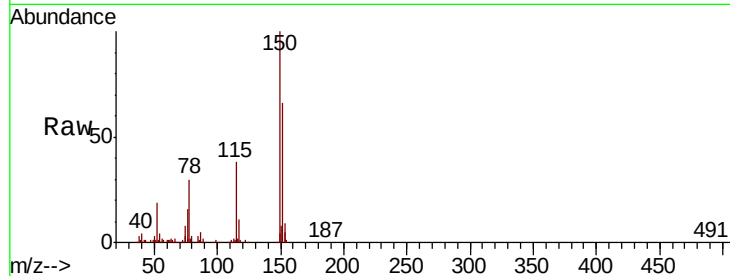
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Instrument :
BNA_G
ClientSampled :
TP-6-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.6	185.4
115	57.2	49.1	73.7

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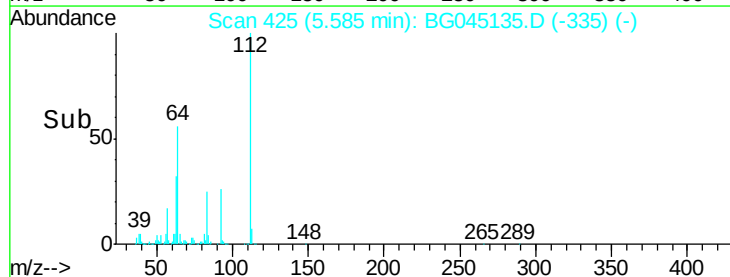
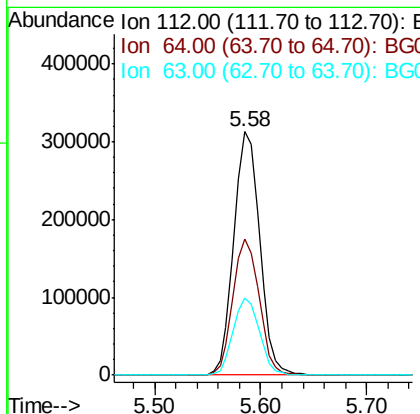
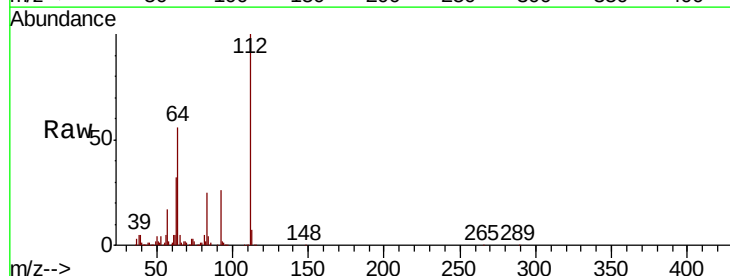
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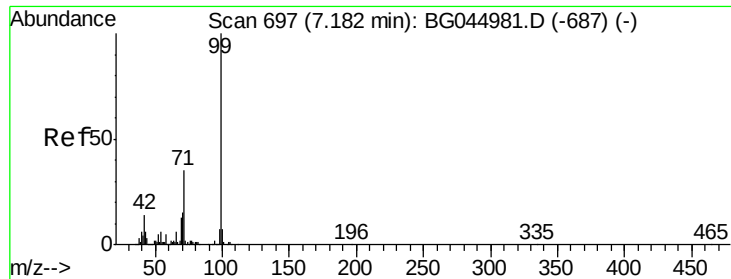


#5

2-Fluorophenol
Concen: 91.031 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.4	63.6
63	31.8	23.1	34.7





#7

Phenol-d6

Concen: 93.316 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045135.D

Acq: 22 Apr 2020 20:47

Instrument :

BNA_G

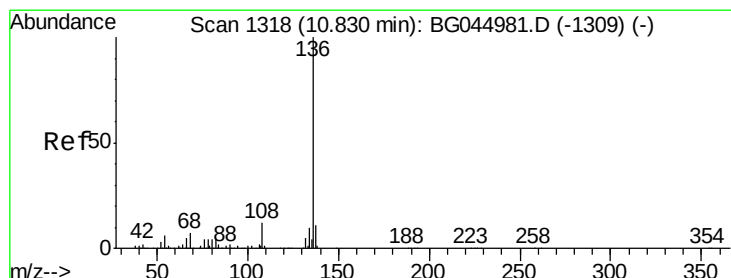
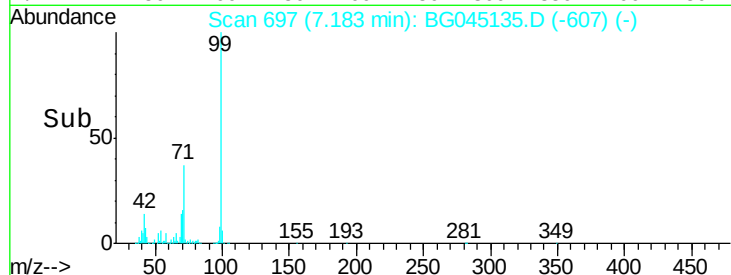
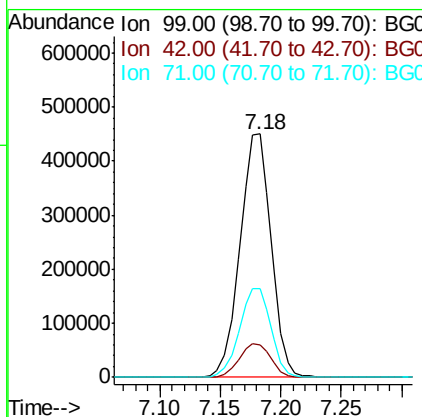
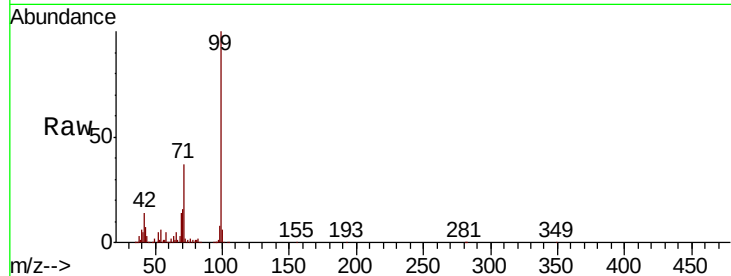
ClientSampleId :

TP-6-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		809836		
42	13.5	11.3	16.9		
71	36.6	28.3	42.5		

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#21

Naphthalene-d8

Concen: 20.000 ng

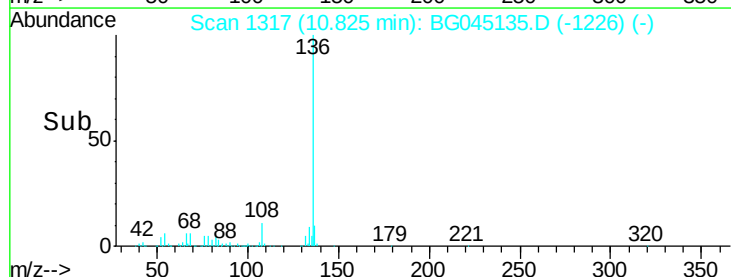
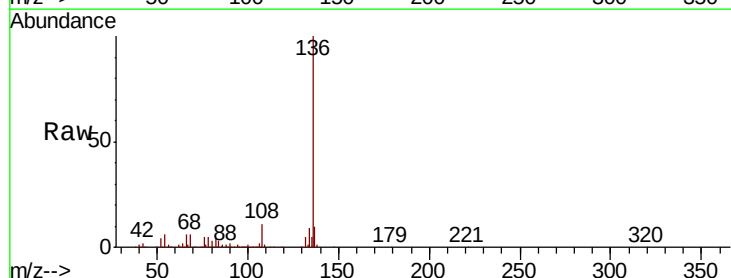
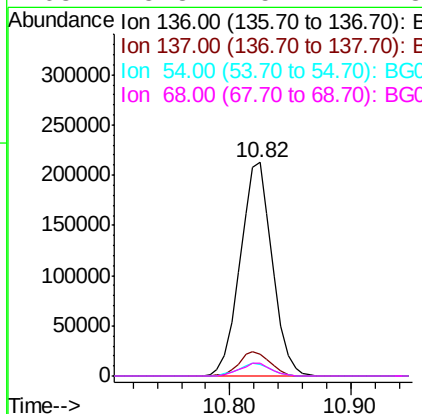
RT: 10.82 min Scan# 1317

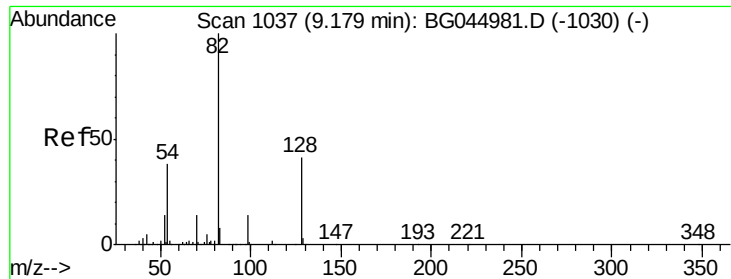
Delta R.T. 0.00 min

Lab File: BG045135.D

Acq: 22 Apr 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		391618		
137	10.4	8.6	13.0		
54	5.6	4.8	7.2		
68	5.8	5.2	7.8		





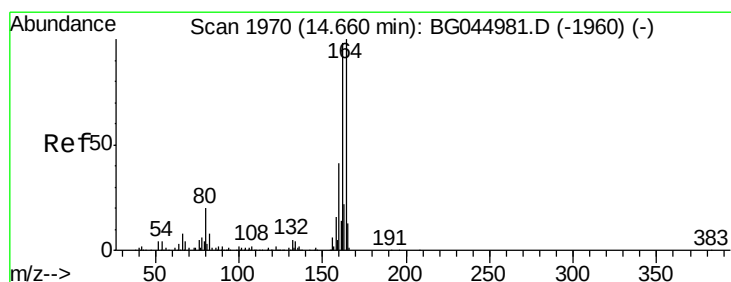
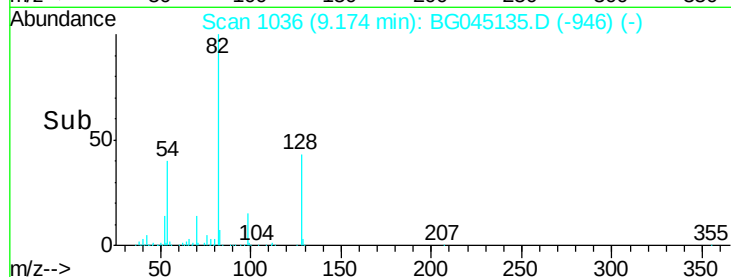
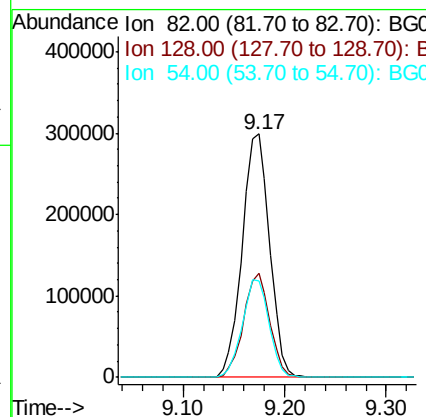
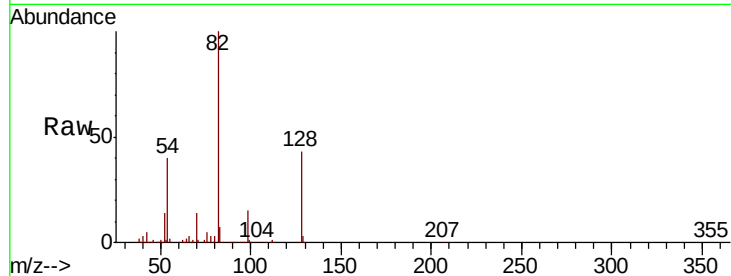
#23
Nitrobenzene-d5
Concen: 65.313 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Instrument :
BNA_G
ClientSampleId :
TP-6-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.0	49.4
54	39.8	30.4	45.6

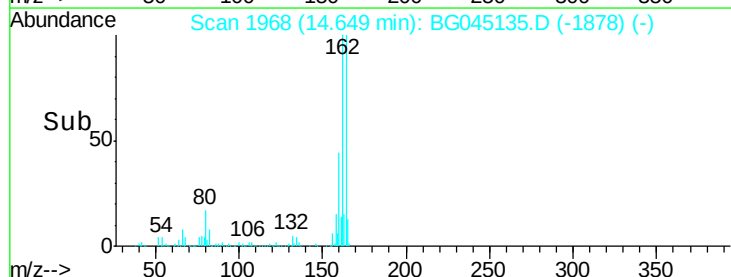
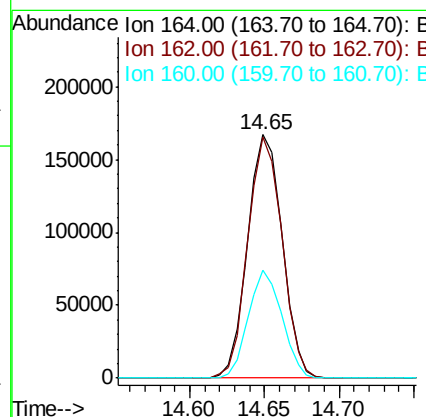
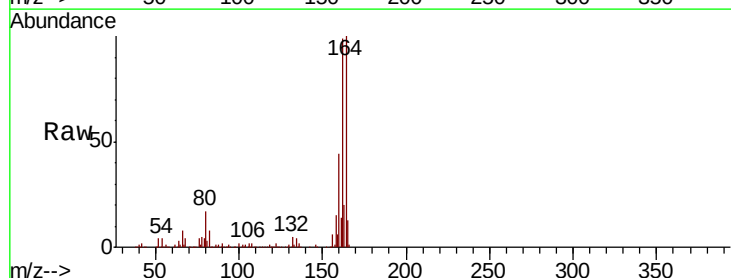
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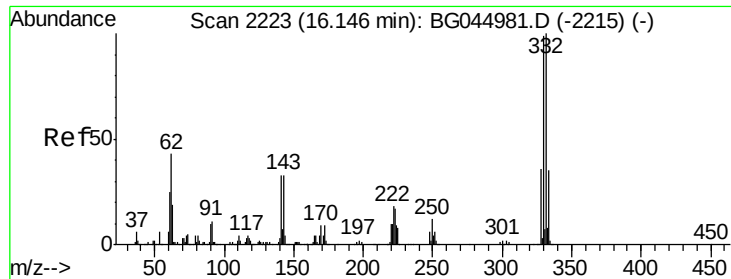
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.7	118.1
160	44.1	32.8	49.2





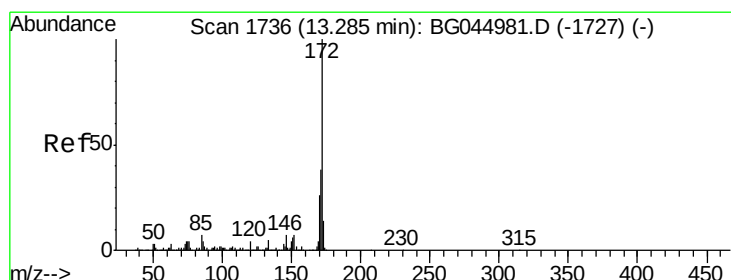
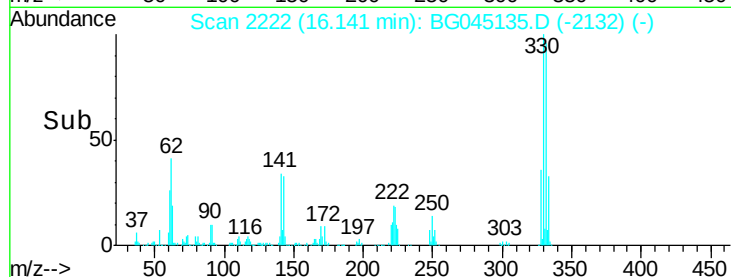
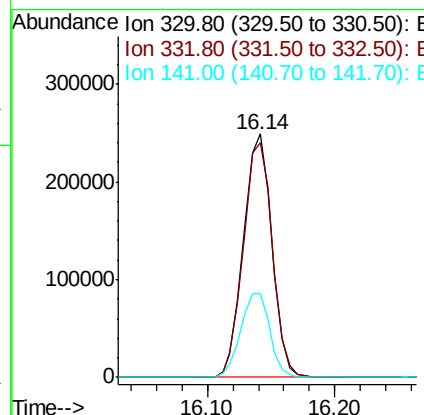
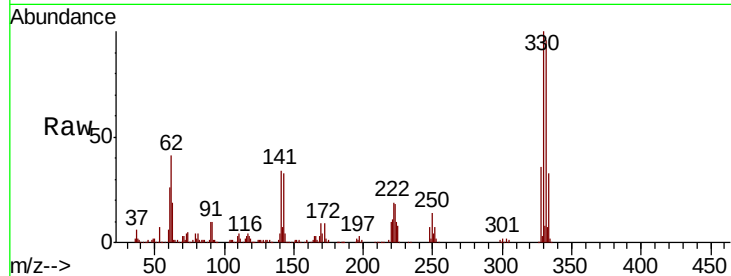
#42
2,4,6-Tribromophenol
Concen: 93.543 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Instrument :
BNA_G
ClientSampleId :
TP-6-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.6	79.1	118.7	
141	35.4	27.1	40.7	

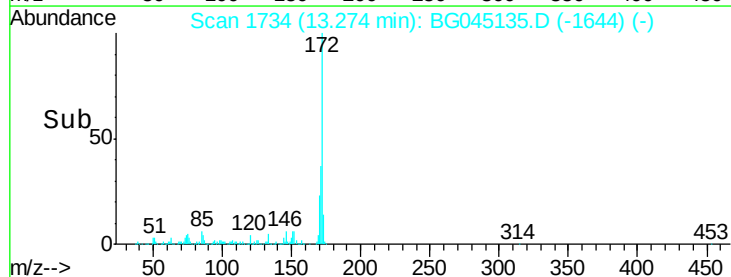
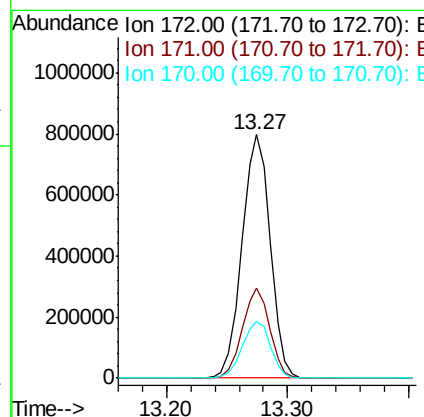
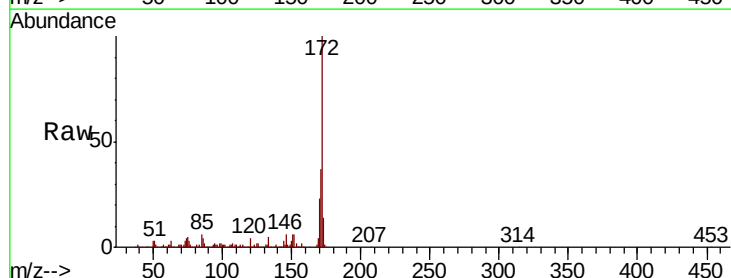
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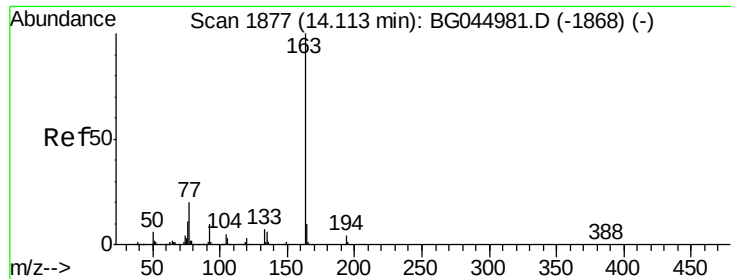
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#45
2-Fluorobiphenyl
Concen: 70.912 ng
RT: 13.27 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	30.6	46.0	
170	23.5	20.5	30.7	





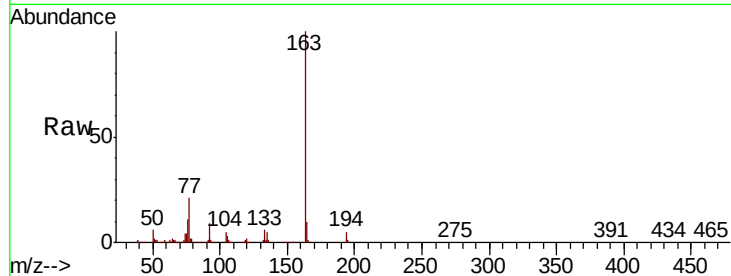
#50
Dimethylphthalate
Concen: 9.579 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Instrument :
BNA_G
ClientSampleId :
TP-6-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		208880		
194	4.8		3.5	5.3	
164	10.5		8.2	12.4	

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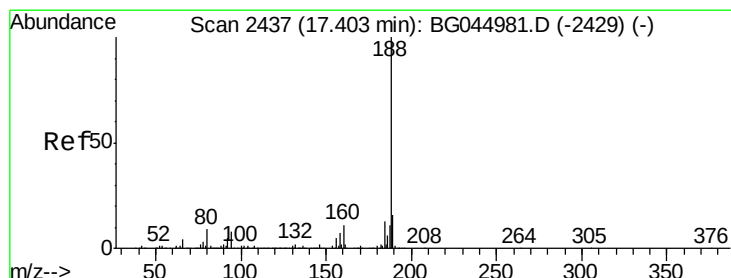
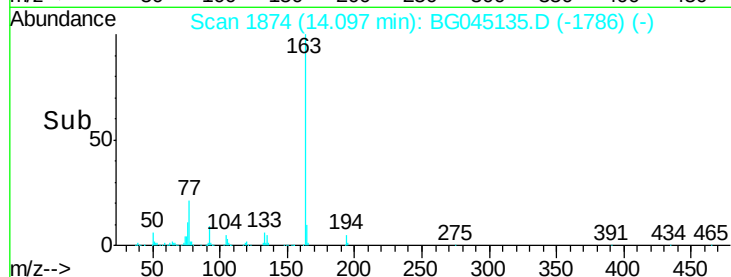
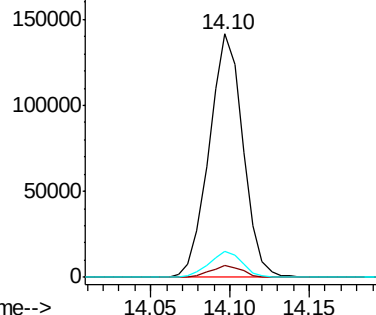


Abundance

Ion 163.00 (162.70 to 163.70): E

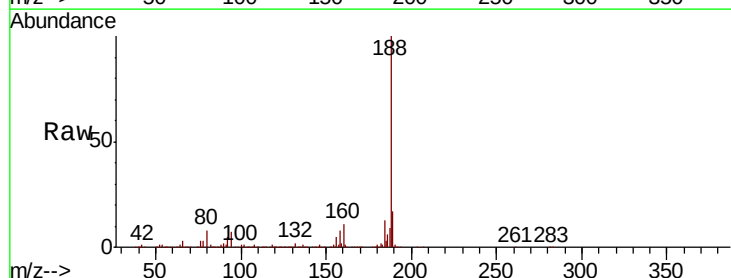
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		565563		
94	6.7		6.2	9.4	
80	7.9		7.0	10.6	

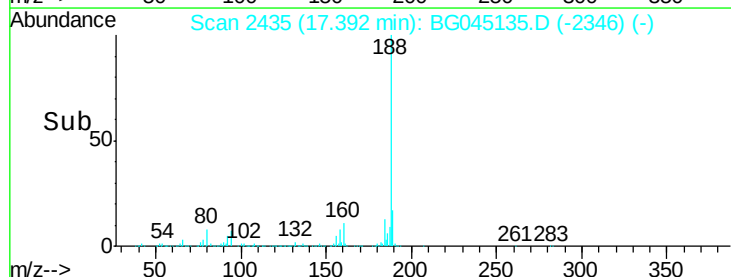
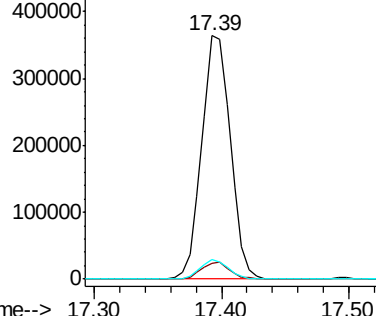


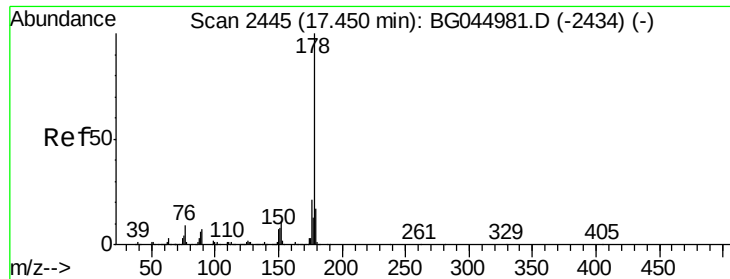
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#71

Phenanthrene

Concen: 2.087 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG045135.D

Acq: 22 Apr 2020 20:47

Instrument :

BNA_G

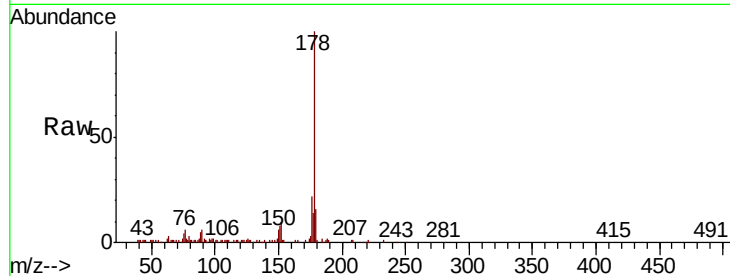
ClientSampled :

TP-6-S

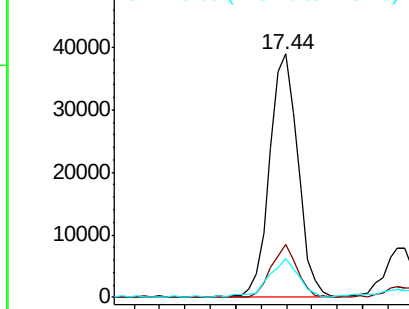
Tot Ion:	178	Resp:	60641
Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.8	25.2
179	15.9	13.2	19.8

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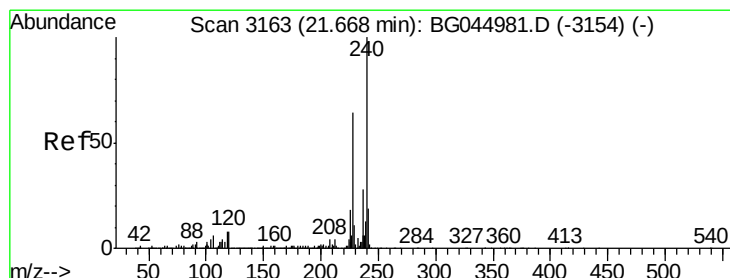
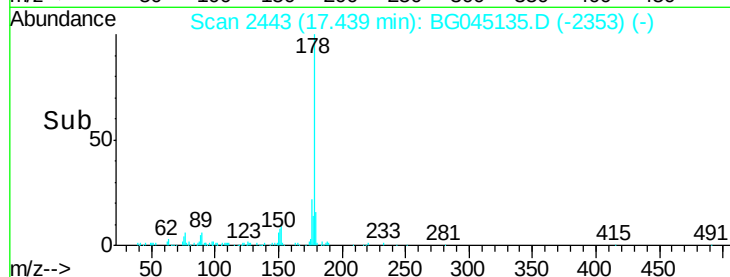
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

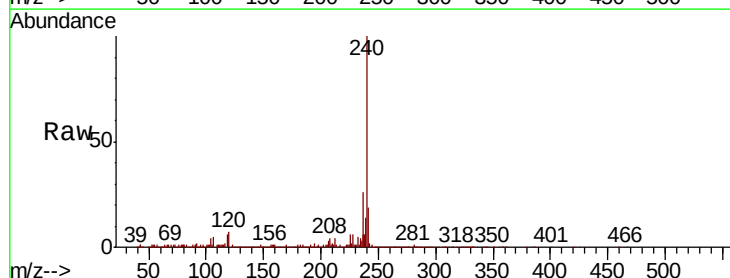
RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

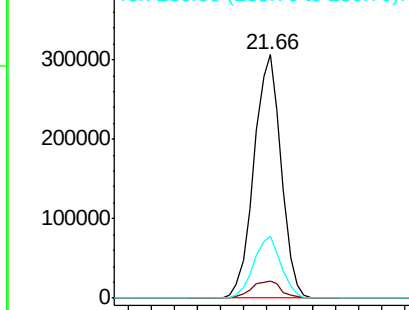
Lab File: BG045135.D

Acq: 22 Apr 2020 20:47

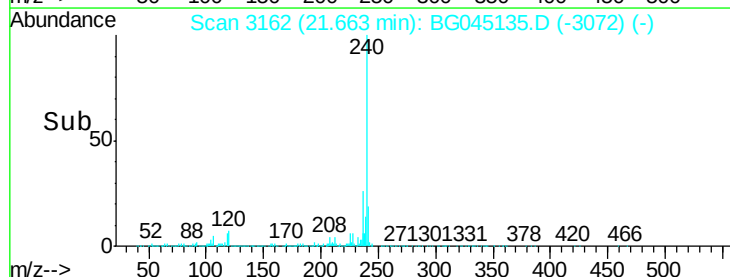
Tgt Ion:	240	Resp:	503275
Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.6	10.0
236	25.7	22.2	33.2

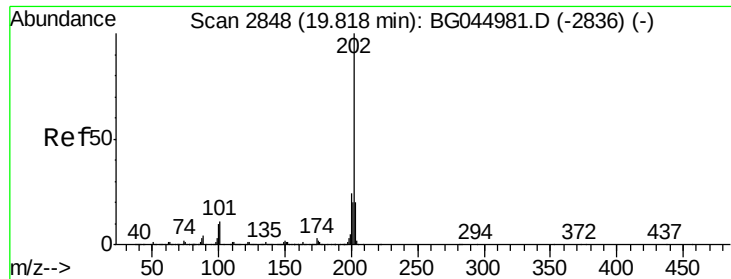


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Pvrene

Concen: 6.966 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG045135.D

Acq: 22 Apr 2020 20:47

Instrument :

BNA_G

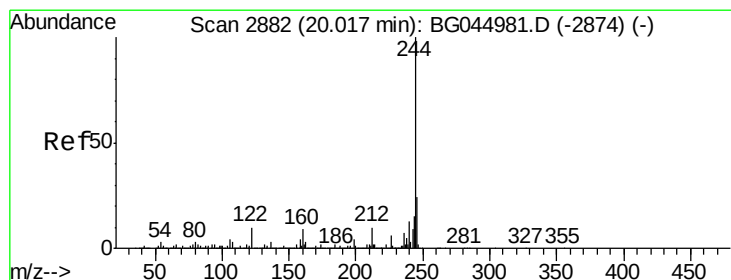
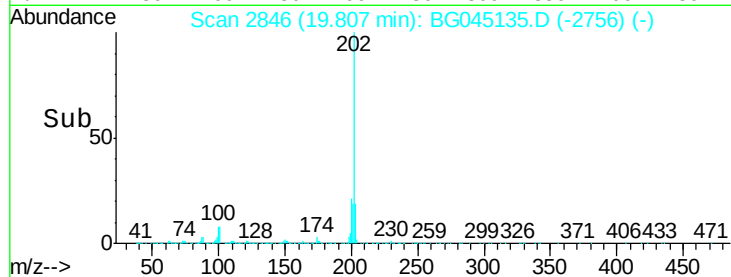
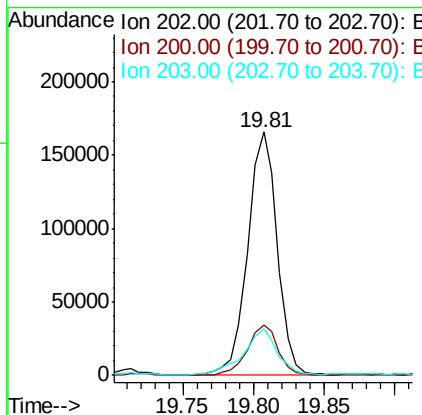
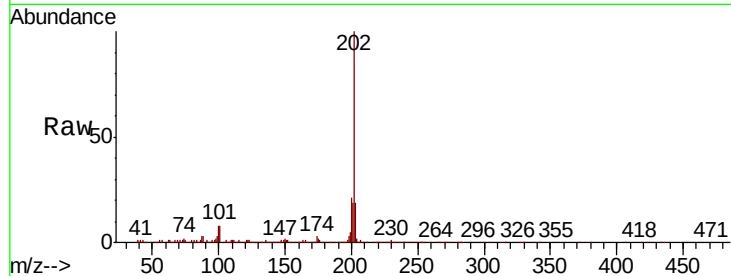
ClientSampleId :

TP-6-S

Tot Ion:	202	Resp:	241692
Ion Ratio	Lower	Upper	
202	100		
200	20.7	19.0	28.6
203	19.0	16.1	24.1

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#79

Terphenyl-d14

Concen: 75.725 ng

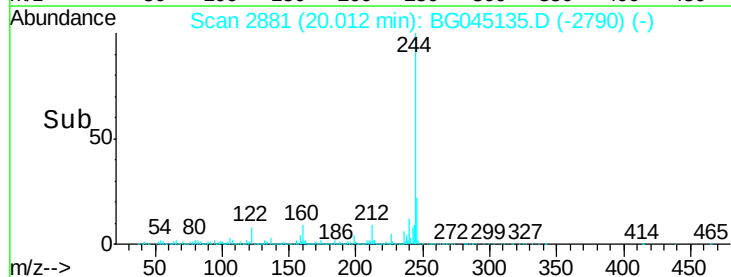
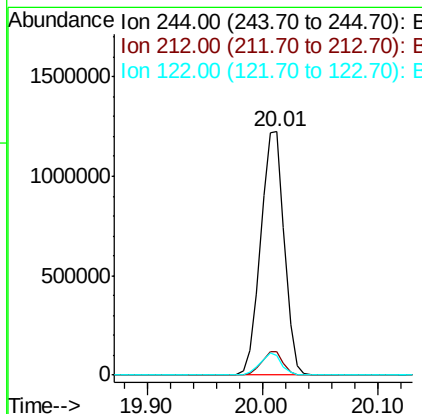
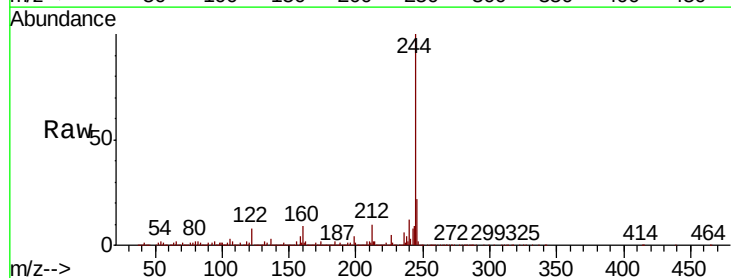
RT: 20.01 min Scan# 2881

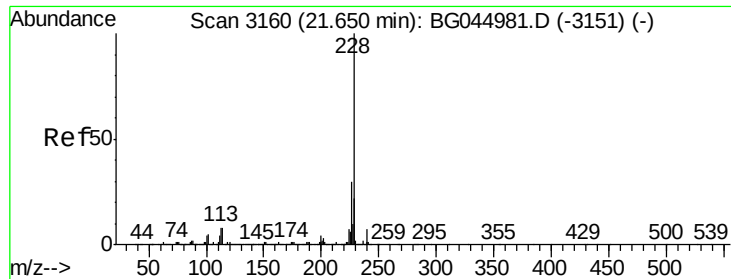
Delta R.T. 0.00 min

Lab File: BG045135.D

Acq: 22 Apr 2020 20:47

Tgt Ion:	244	Resp:	1748528
Ion Ratio	Lower	Upper	
244	100		
212	9.5	7.9	11.9
122	8.1	7.7	11.5





#81

Benzo(a)anthracene

Concen: 4.498 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG045135.D

Acq: 22 Apr 2020 20:47

Instrument :

BNA_G

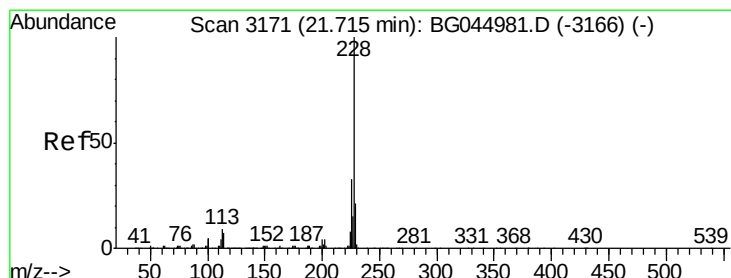
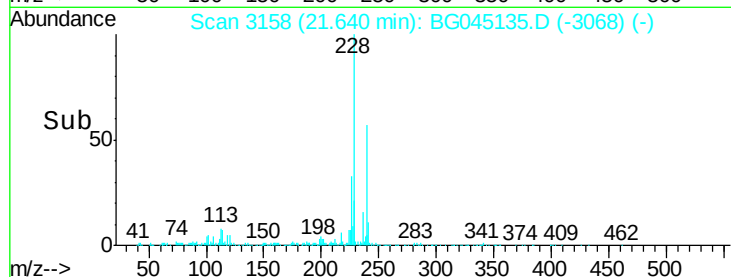
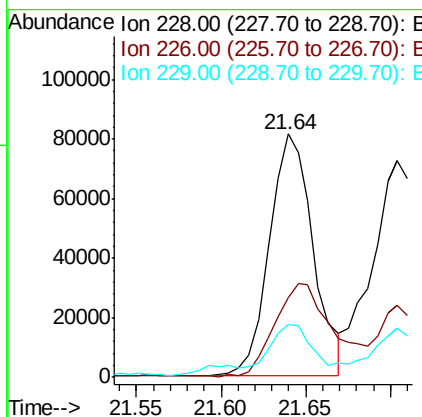
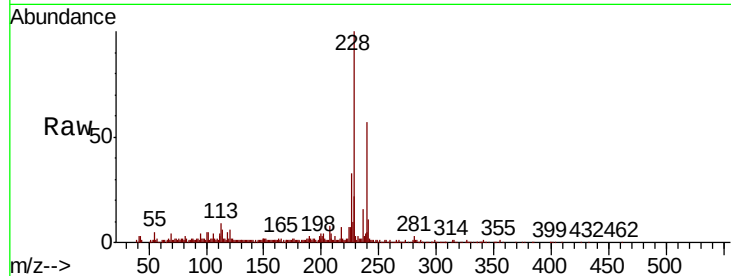
ClientSampleId :

TP-6-S

Tot Ion:	228	Resp:	146719
Ion Ratio	Lower	Upper	
228	100		
226	32.7	24.0	36.0
229	21.8	17.5	26.3

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#83

Chrysene

Concen: 4.524 ng

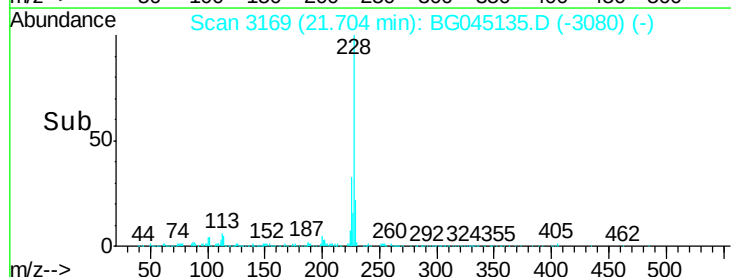
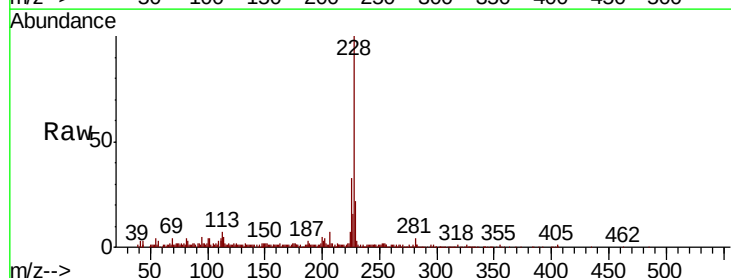
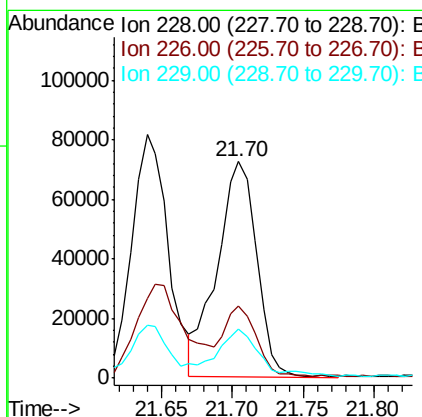
RT: 21.70 min Scan# 3169

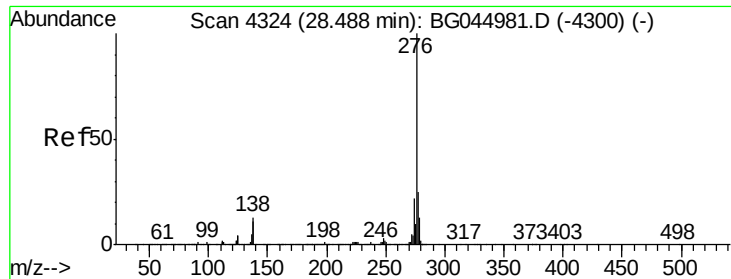
Delta R.T. -0.01 min

Lab File: BG045135.D

Acq: 22 Apr 2020 20:47

Tgt Ion:	228	Resp:	141778
Ion Ratio	Lower	Upper	
228	100		
226	33.1	26.2	39.4
229	22.4	17.0	25.6





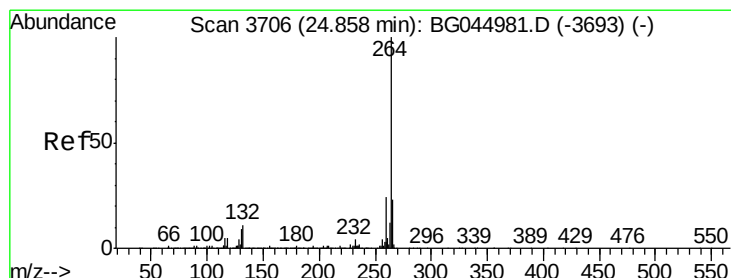
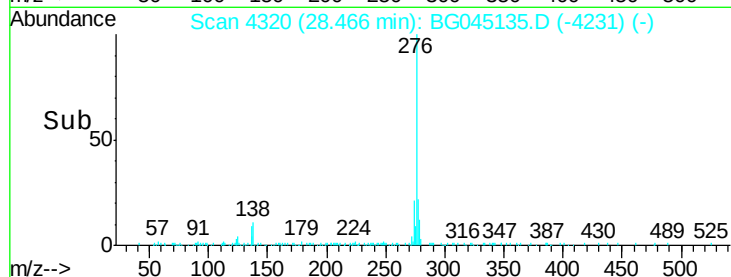
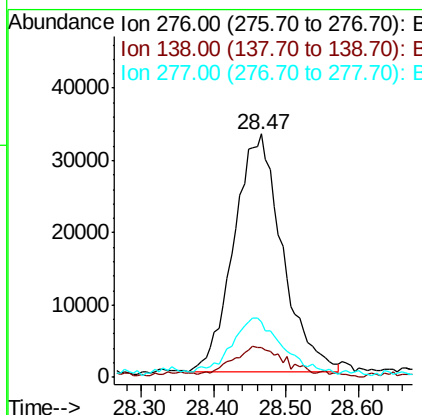
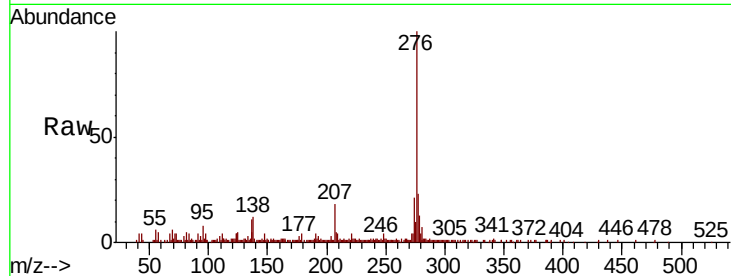
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.641 ng
RT: 28.47 min Scan# 4320
Delta R.T. -0.01 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Instrument :
BNA_G
ClientSampleId :
TP-6-S

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.0	9.6	14.4
277	25.4	20.6	31.0

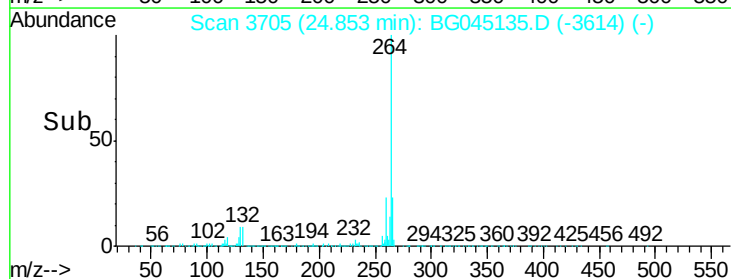
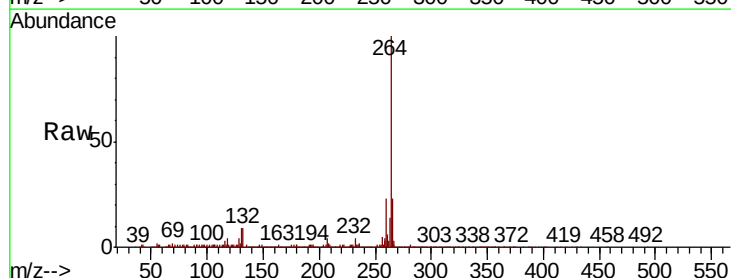
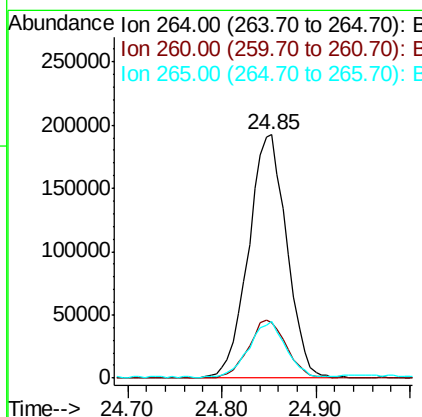
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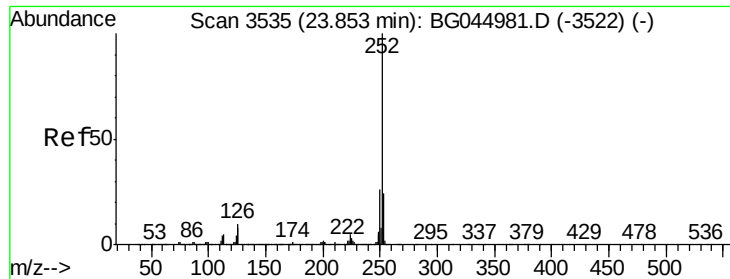
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. 0.00 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	23.2	19.0	28.4





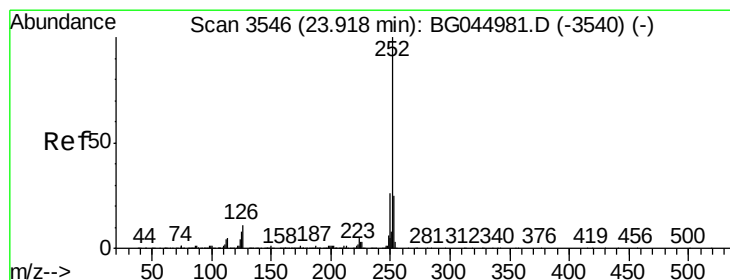
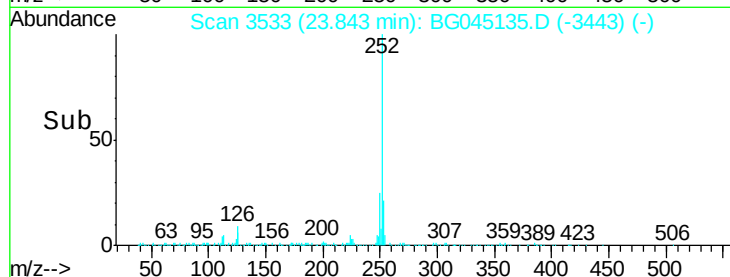
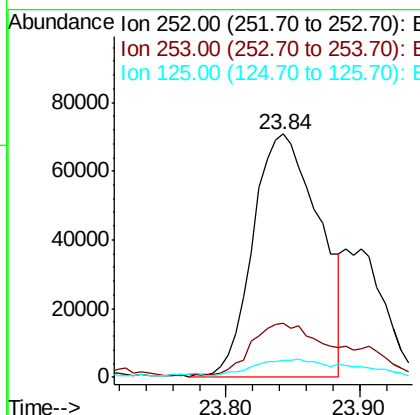
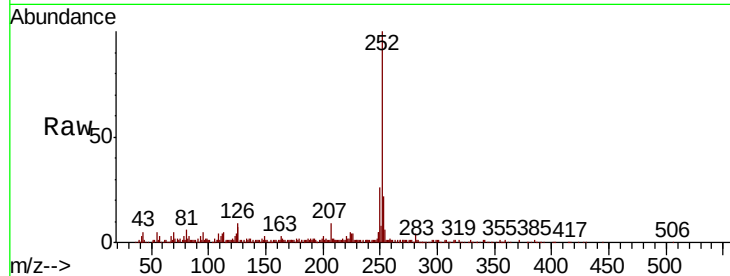
#88
Benzo(b)fluoranthene
Concen: 7.208 ng
RT: 23.84 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Instrument :
BNA_G
ClientSampleId :
TP-6-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.8	28.2
125	7.2	6.2	9.4

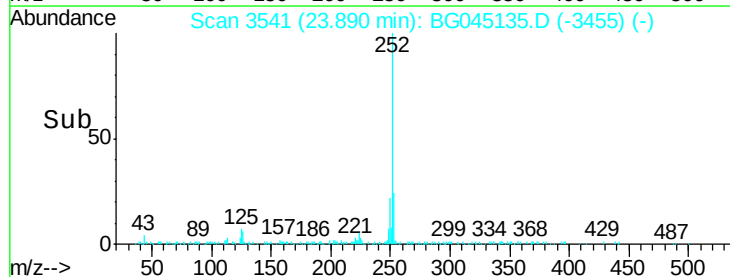
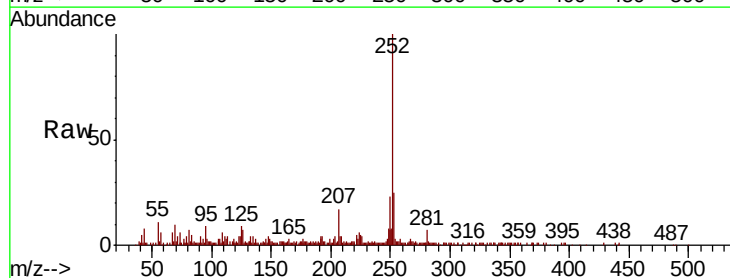
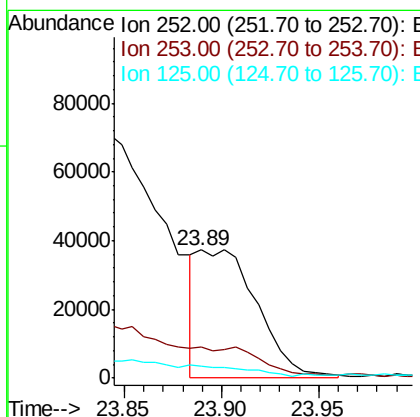
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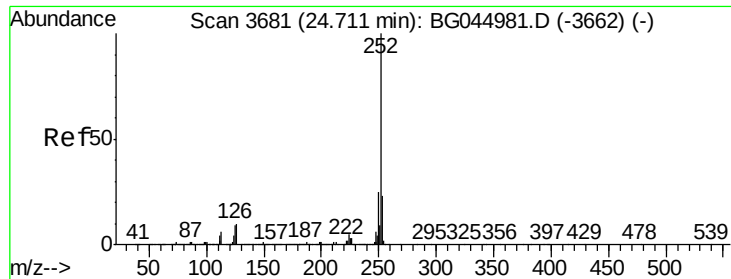
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#89
Benzo(k)fluoranthene
Concen: 2.473 ng m
RT: 23.89 min Scan# 3541
Delta R.T. -0.03 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.2	28.8
125	9.4	5.9	8.9#





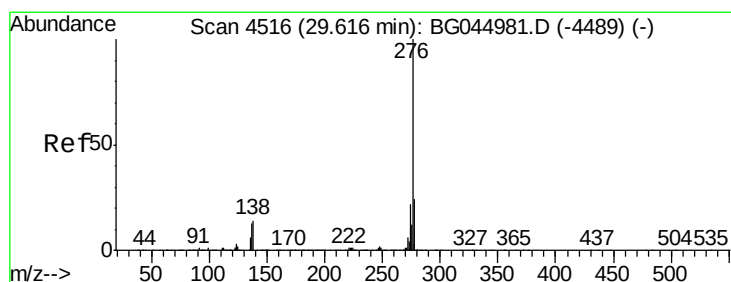
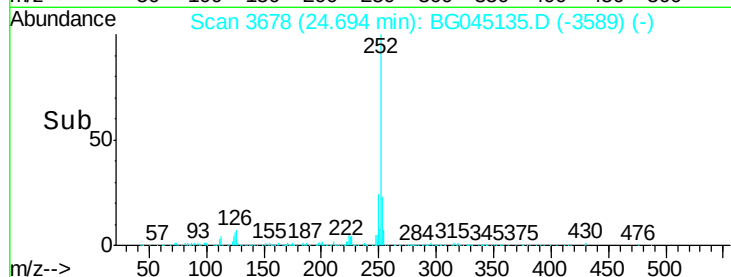
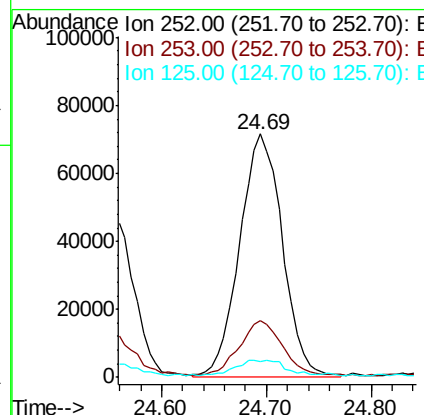
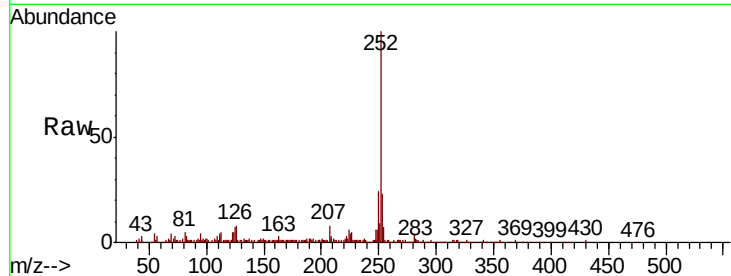
#90
Benzo(a)pyrene
Concen: 6.415 ng m
RT: 24.69 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Instrument :
BNA_G
ClientSampled :
TP-6-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	6.7	7.0	10.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.428 ng
RT: 29.58 min Scan# 4510
Delta R.T. -0.03 min
Lab File: BG045135.D
Acq: 22 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.3	28.9
138	12.8	11.4	17.2

