

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045240.D
 Acq On : 4 May 2020 19:13
 Operator : CG/JU
 Sample : L2476-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-03-008-A

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Quant Time: May 05 01:44:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	101948	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	404638	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	282148	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	584307	20.00	ng	0.00
76) Chrysene-d12	21.65	240	515885	20.00	ng	0.00
87) Perylene-d12	24.82	264	552839	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	408468	66.15	ng	0.00
7) Phenol-d6	7.15	99	630665	68.74	ng	0.00
23) Nitrobenzene-d5	9.15	82	417477	47.08	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	287063	65.86	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	982031	51.04	ng	0.00
79) Terphenyl-d14	19.99	244	1364696	57.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	14.08	163	77759	3.385	ng	# 95
71) Phenanthrene	17.42	178	196962	6.560	ng	99
75) Fluoranthene	19.43	202	348242	4.285	ng	96
78) Pyrene	19.79	202	313261	8.808	ng	98
81) Benzo(a)anthracene	21.62	228	165026	4.935	ng	97
83) Chrysene	21.69	228	154314	4.803	ng	95
84) Bis(2-ethylhexyl)phthalate	21.54	149	55658	2.745	ng	94
86) Indeno(1,2,3-cd)pyrene	28.43	276	108089	2.534	ng	# 95
88) Benzo(b)fluoranthene	23.82	252	201565m	5.821	ng	
89) Benzo(k)fluoranthene	23.87	252	90057m	2.735	ng	
90) Benzo(a)pyrene	24.67	252	157287	4.811	ng	98
92) Benzo(a,h,i)perylene	29.55	276	106879	3.236	ng	95

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

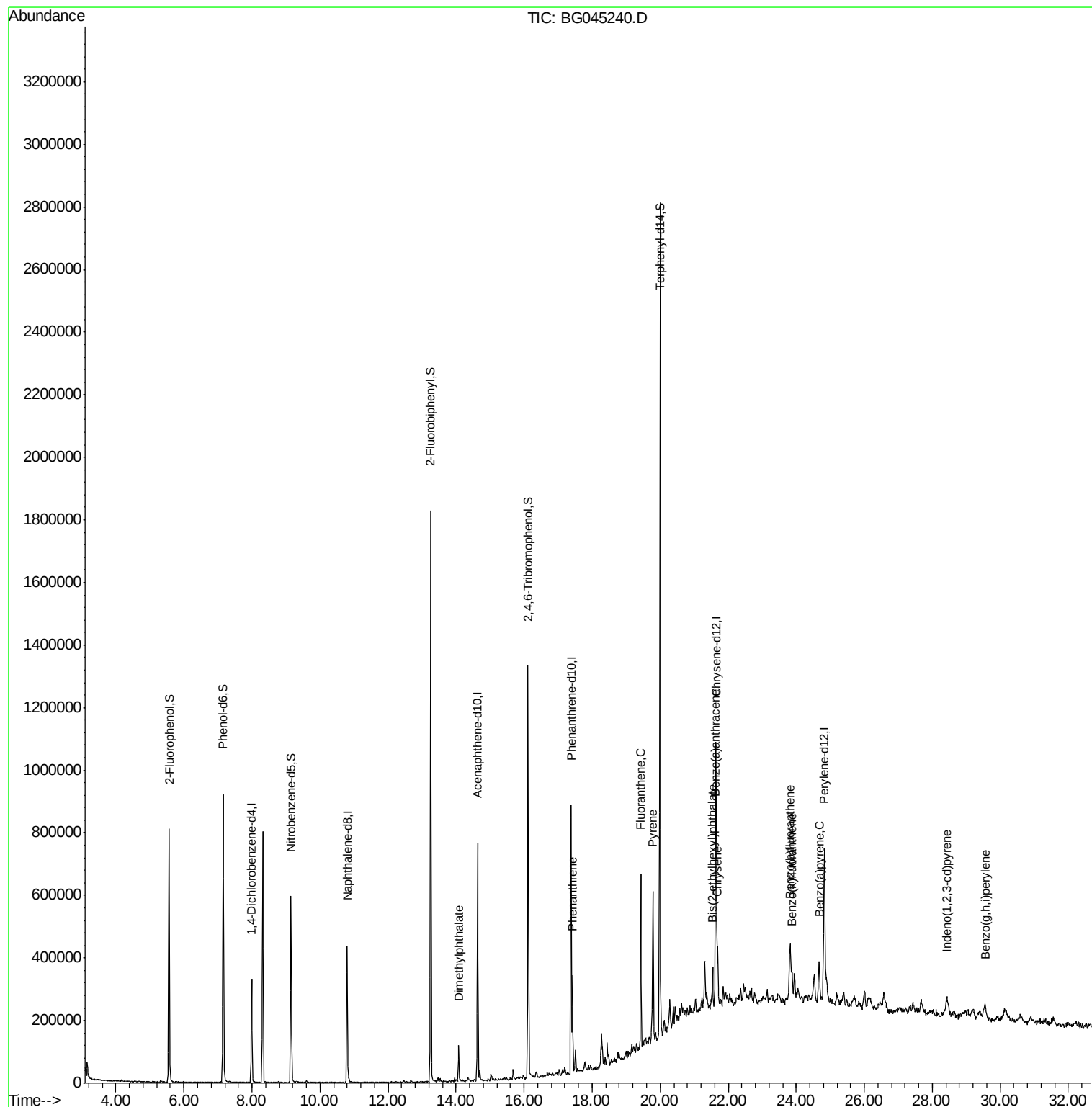
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
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ALS Vial : 11 Sample Multiplier: 1

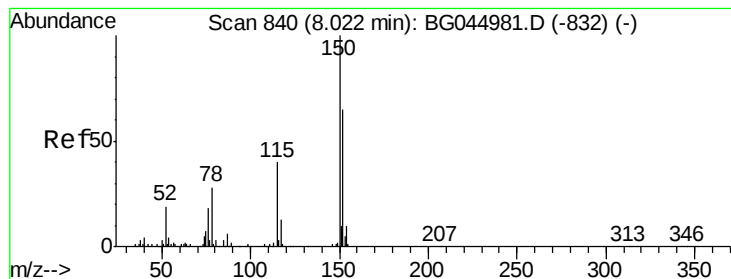
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Quant Time: May 05 01:44:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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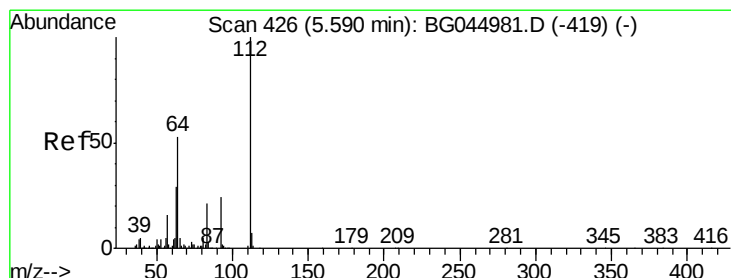
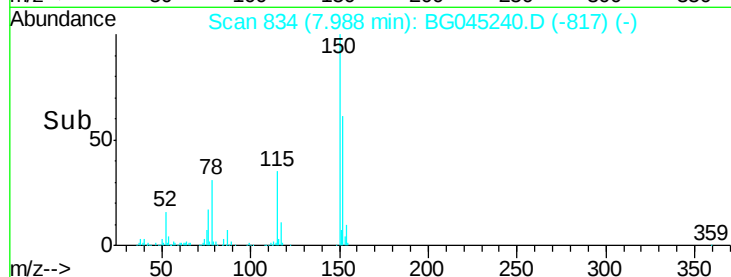
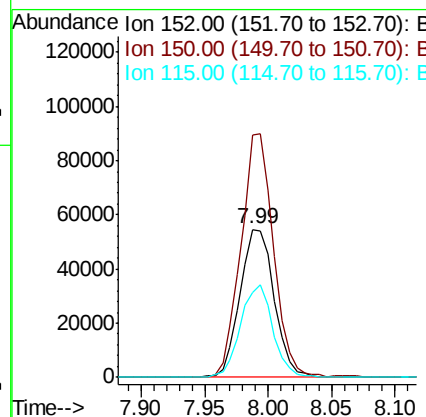
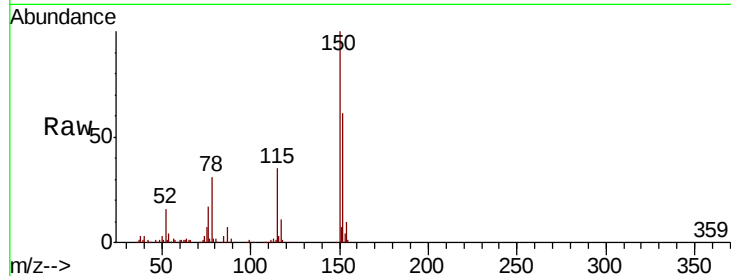
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045240.D
 Acq: 4 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-03-008-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	123.6	185.4
115	57.8	49.1	73.7

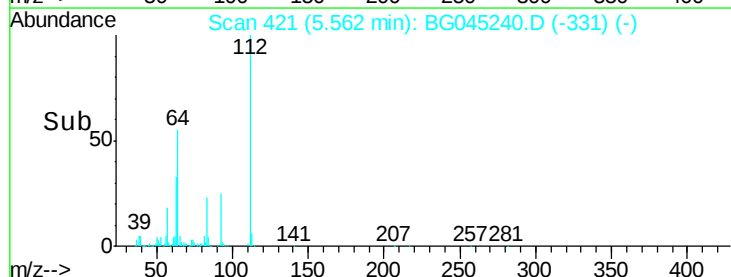
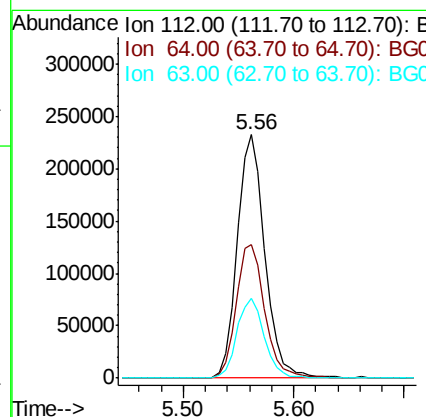
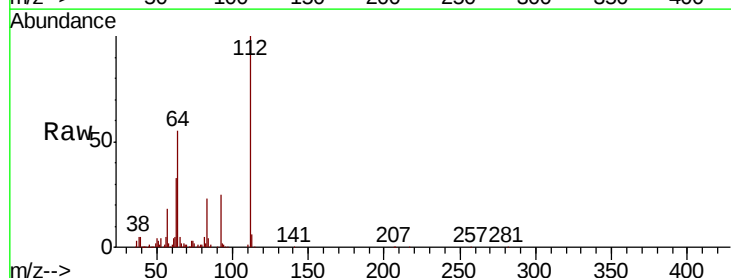
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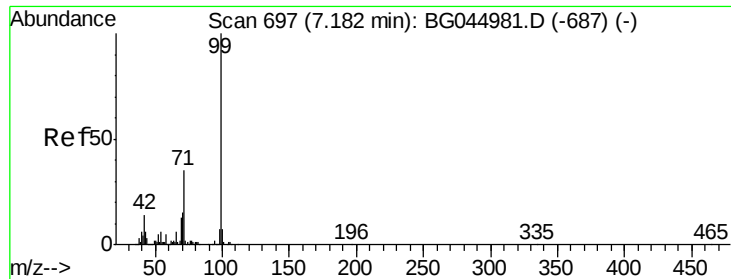
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#5
 2-Fluorophenol
 Concen: 66.147 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BG045240.D
 Acq: 4 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.4	63.6
63	33.0	23.1	34.7





#7

Phenol-d6

Concen: 68.740 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045240.D

Acq: 4 May 2020 19:13

Instrument :

BNA_G

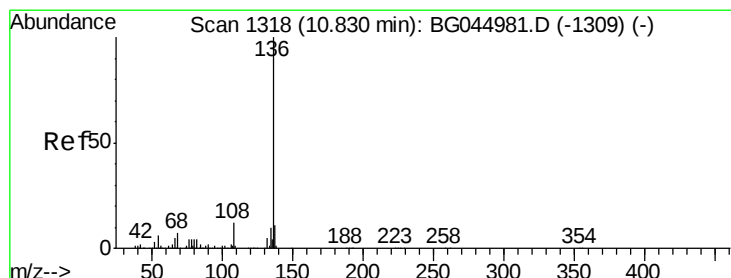
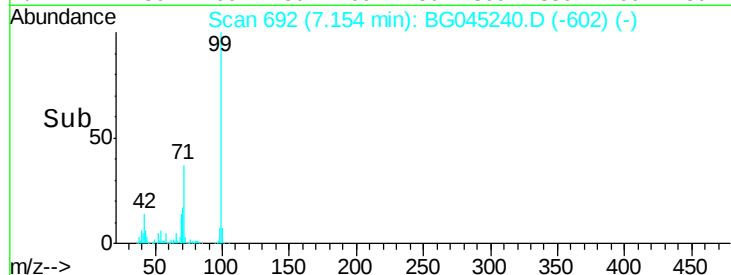
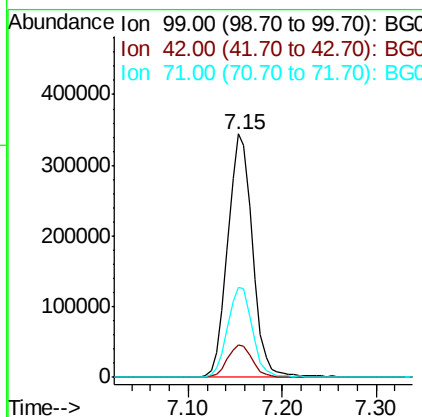
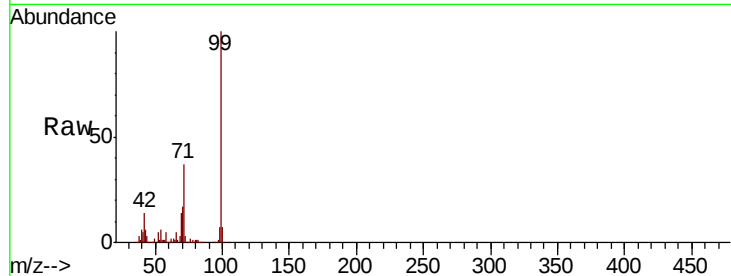
ClientSampleId :

FK-GF-03-008-A

Tot Ion:	99	Resp:	630665
Ion Ratio	Lower	Upper	
99	100		
42	13.6	11.3	16.9
71	37.2	28.3	42.5

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#21

Naphthalene-d8

Concen: 20.000 ng

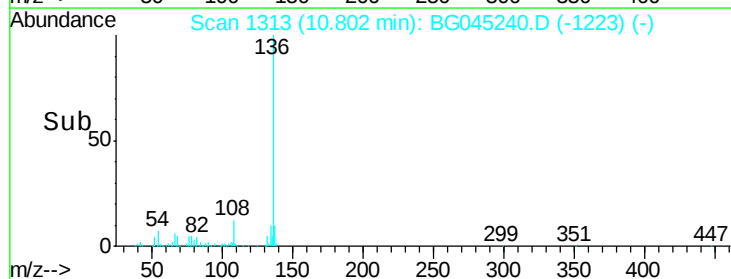
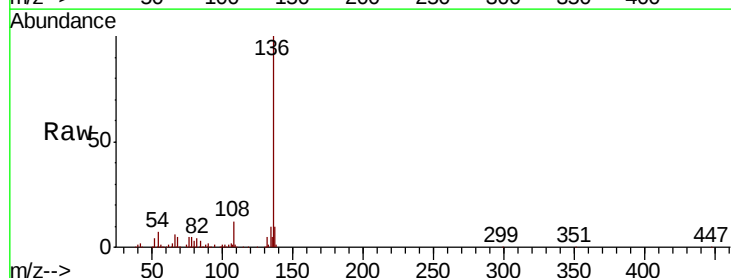
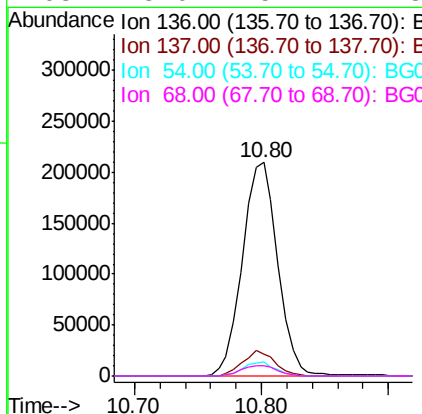
RT: 10.80 min Scan# 1313

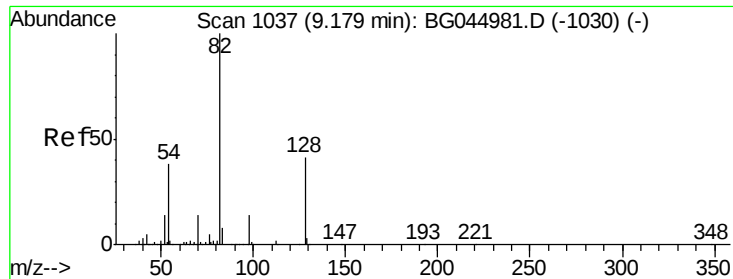
Delta R.T. 0.00 min

Lab File: BG045240.D

Acq: 4 May 2020 19:13

Tgt Ion:	136	Resp:	404638
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	6.7	4.8	7.2
68	5.0	5.2	7.8





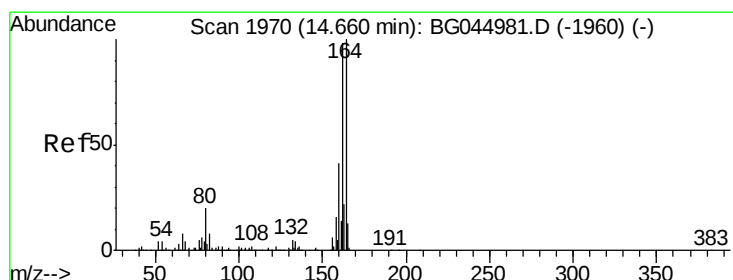
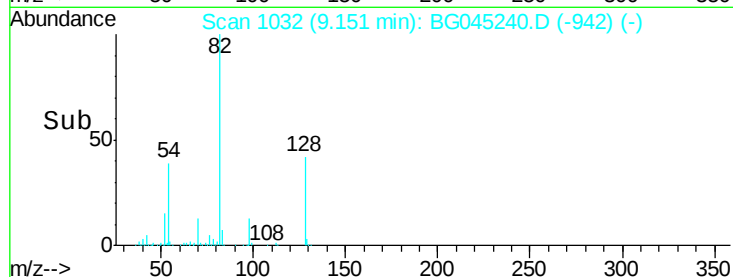
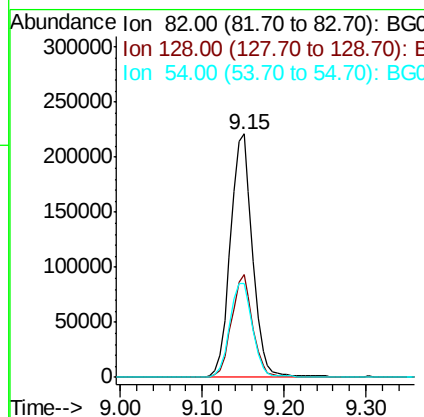
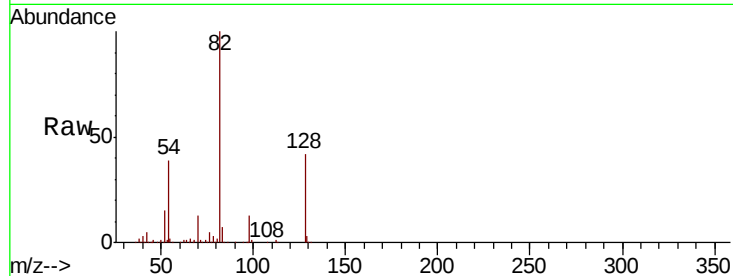
#23
Nitrobenzene-d5
Concen: 47.077 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.4
54	38.5	30.4	45.6

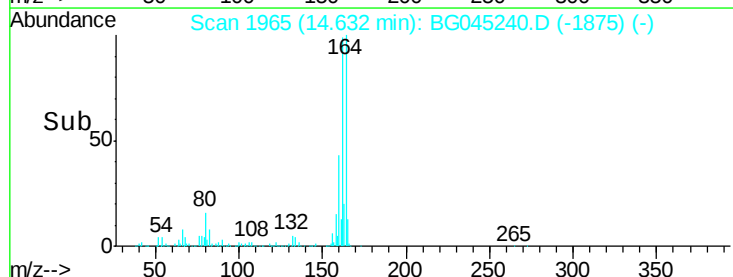
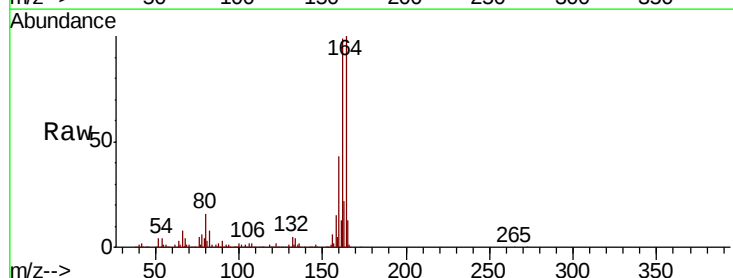
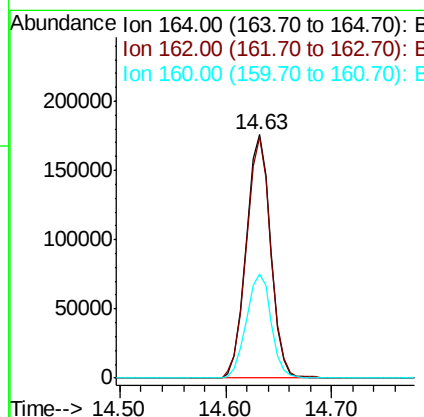
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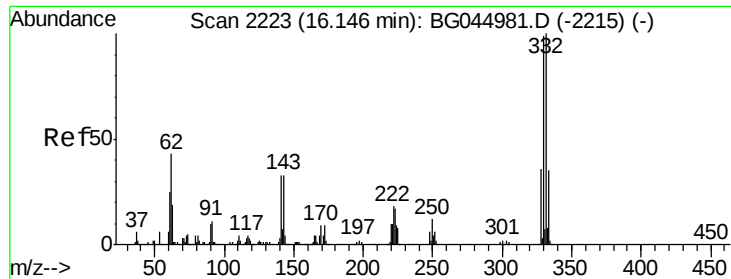
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.7	118.1
160	42.7	32.8	49.2





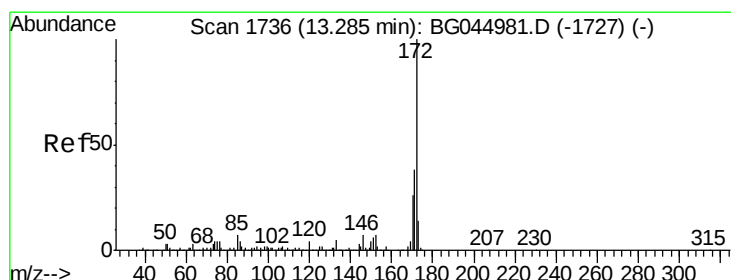
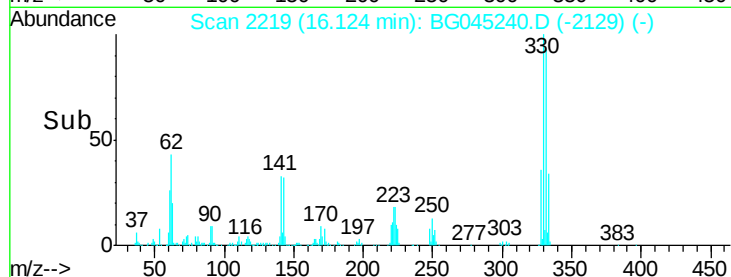
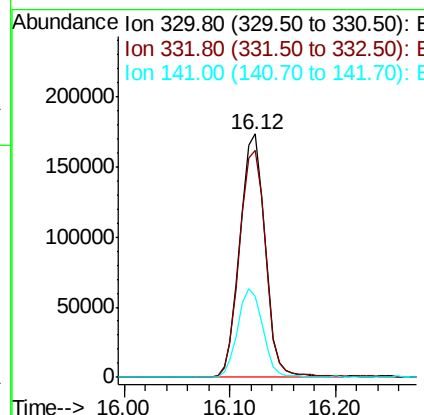
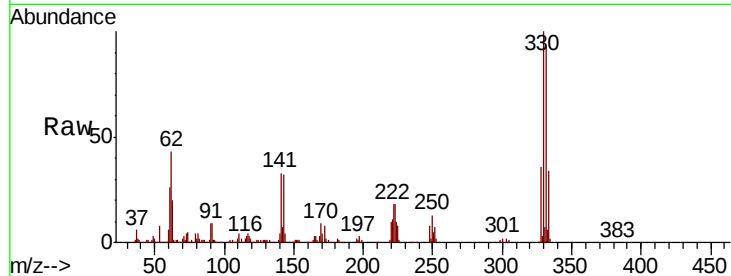
#42
 2,4,6-Tribromophenol
 Concen: 65.858 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BG045240.D
 Acq: 4 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-03-008-A

Tot Ion:	330	Resp:	287063
Ion Ratio		Lower	Upper
330	100		
332	96.7	79.1	118.7
141	36.1	27.1	40.7

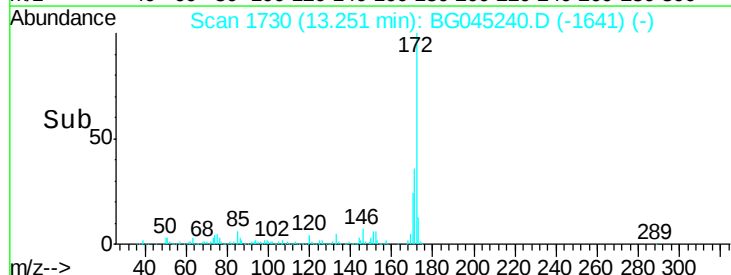
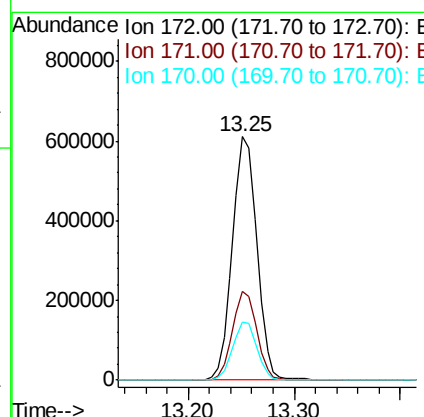
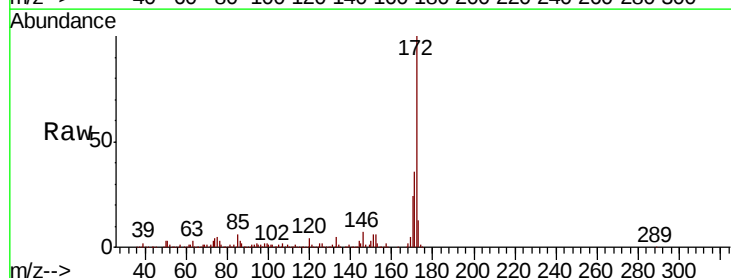
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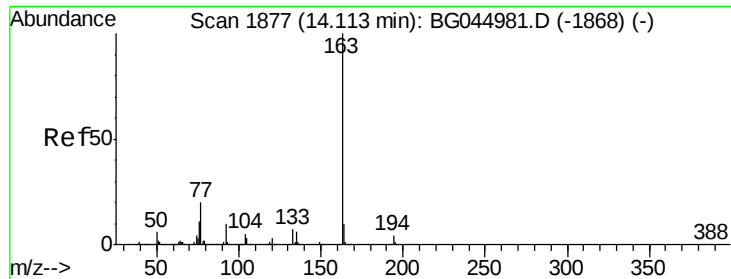
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#45
 2-Fluorobiphenyl
 Concen: 51.036 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045240.D
 Acq: 4 May 2020 19:13

Tgt Ion:	172	Resp:	982031
Ion Ratio		Lower	Upper
172	100		
171	36.5	30.6	46.0
170	24.1	20.5	30.7





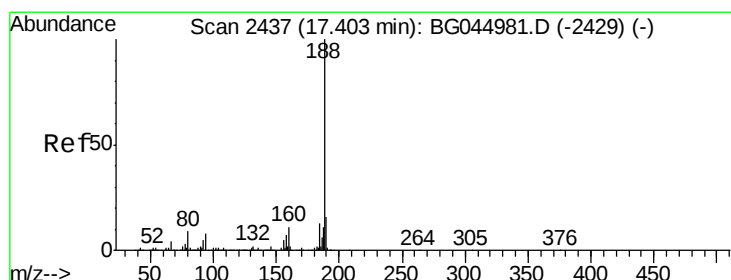
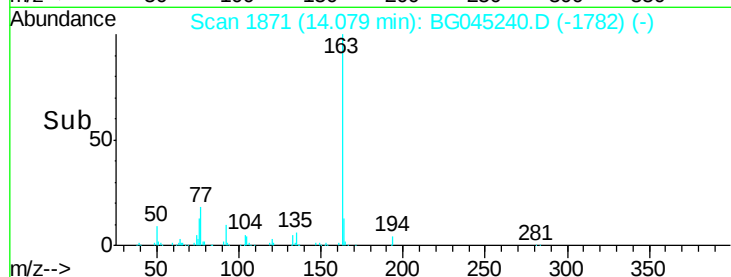
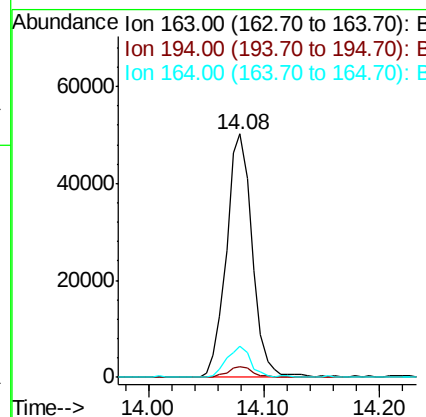
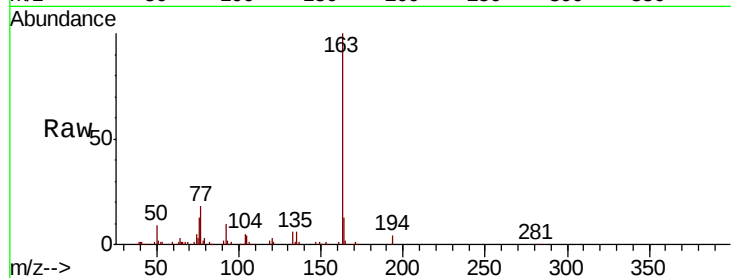
#50
Dimethylphthalate
Concen: 3.385 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		77759		
194	4.2	3.5	5.3		
164	13.0	8.2	12.4		

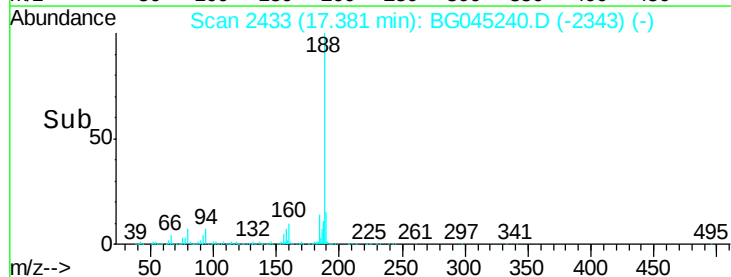
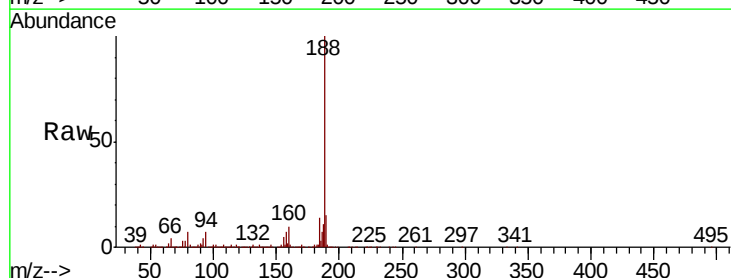
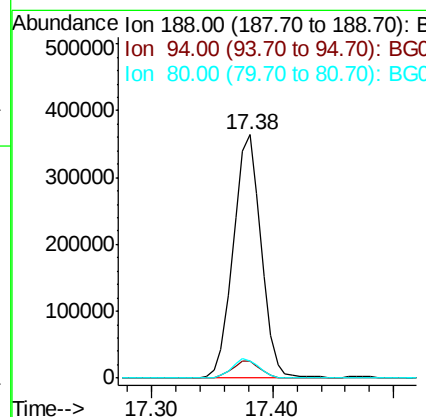
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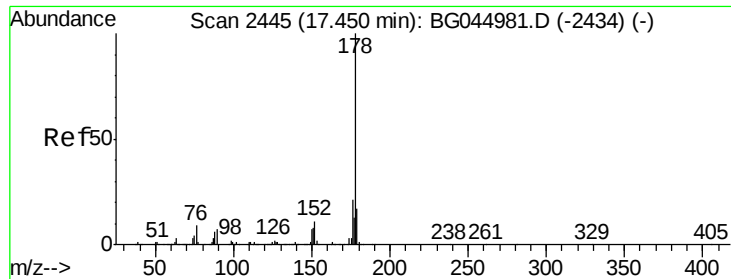
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		584307		
94	7.2	6.2	9.4		
80	7.1	7.0	10.6		





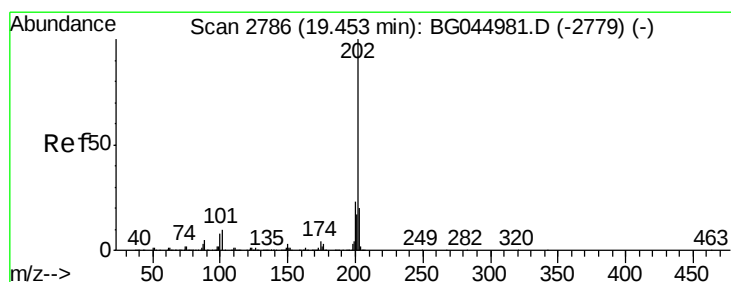
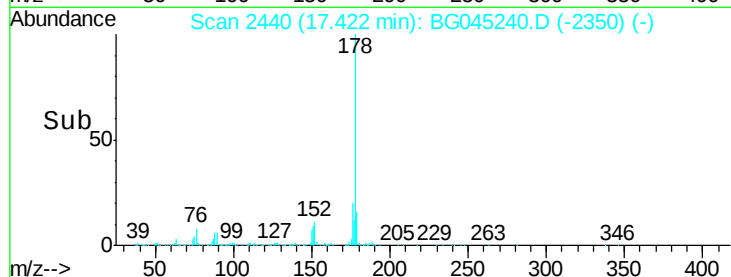
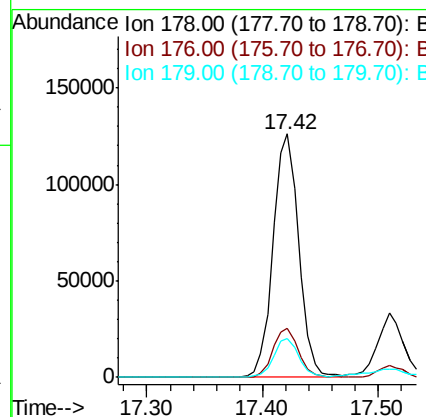
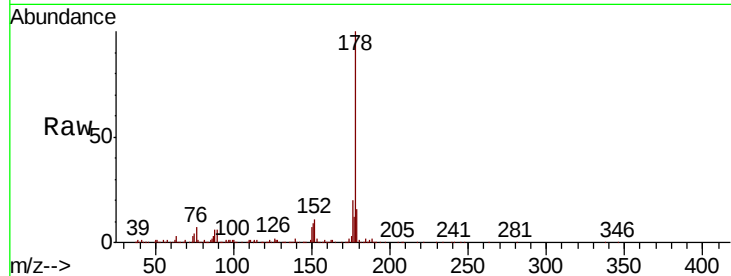
#71
Phenanthrene
Concen: 6.560 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.8	25.2
179	15.8	13.2	19.8

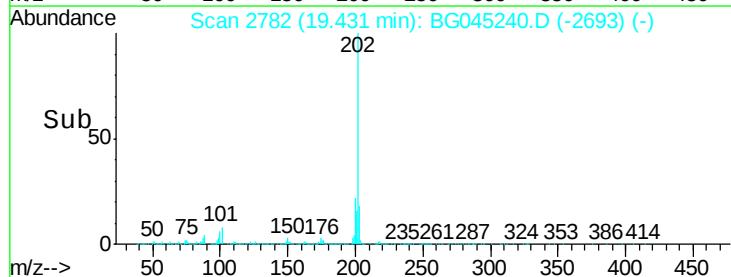
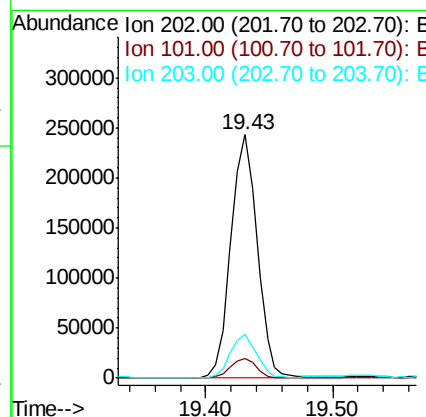
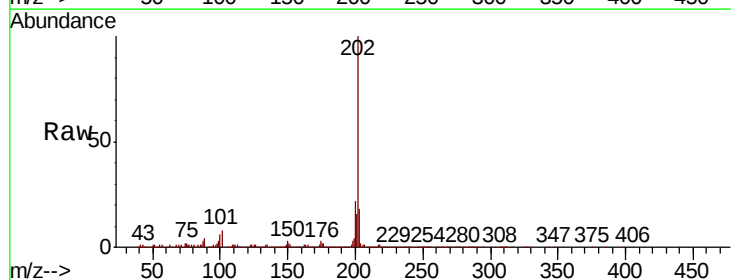
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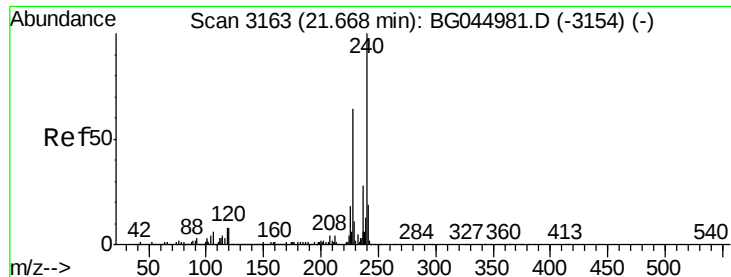
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#75
Fluoranthene
Concen: 4.285 ng
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	29.6
203	18.2	0.0	39.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG045240.D

Acq: 4 May 2020 19:13

Instrument :

BNA_G

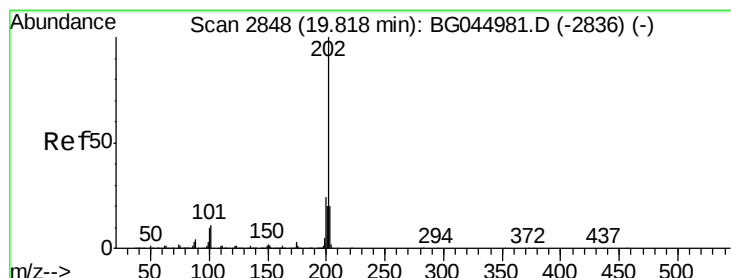
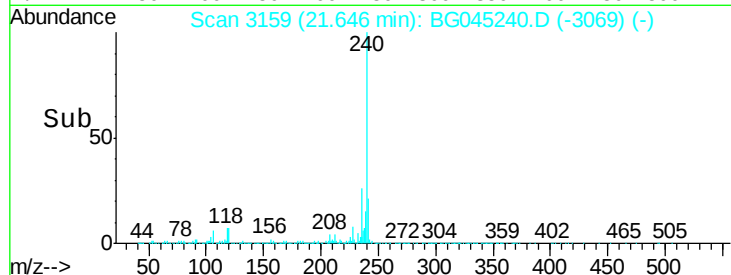
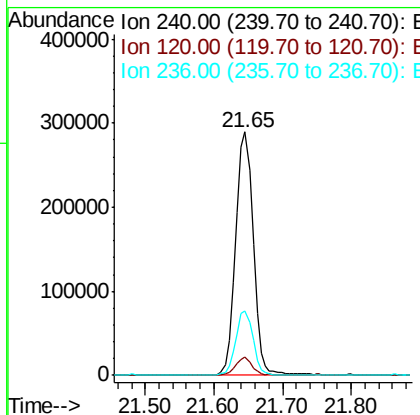
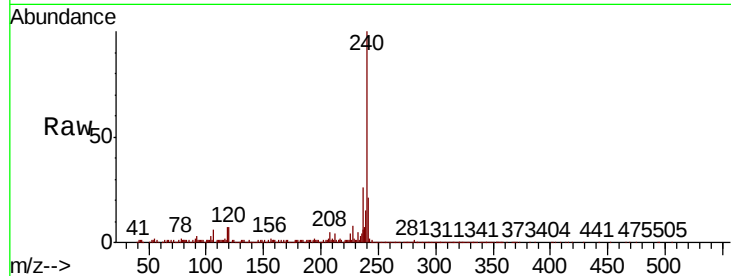
ClientSampleId :

FK-GF-03-008-A

Tot Ion:	240	Resp:	515885
Ion Ratio	Lower	Upper	
240	100		
120	7.3	6.6	10.0
236	26.4	22.2	33.2

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#78

Pyrene

Concen: 8.808 ng

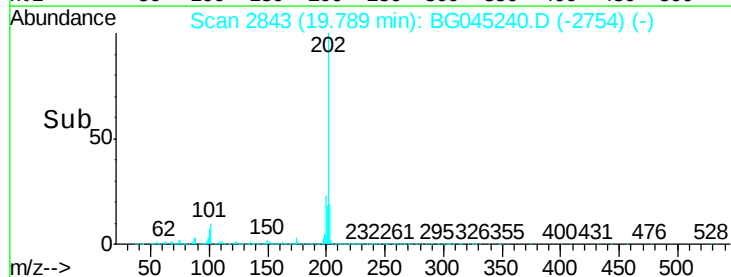
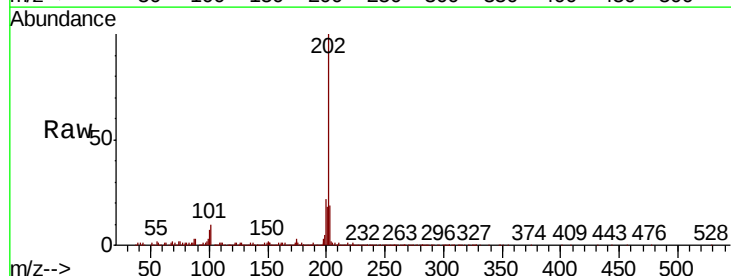
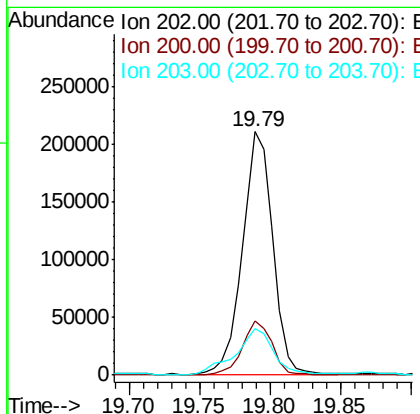
RT: 19.79 min Scan# 2843

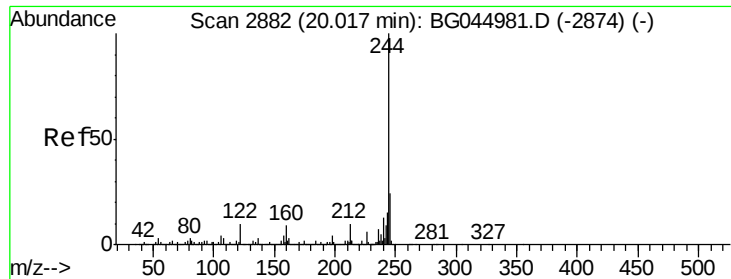
Delta R.T. -0.00 min

Lab File: BG045240.D

Acq: 4 May 2020 19:13

Tgt Ion:	202	Resp:	313261
Ion Ratio	Lower	Upper	
202	100		
200	22.4	19.0	28.6
203	19.1	16.1	24.1





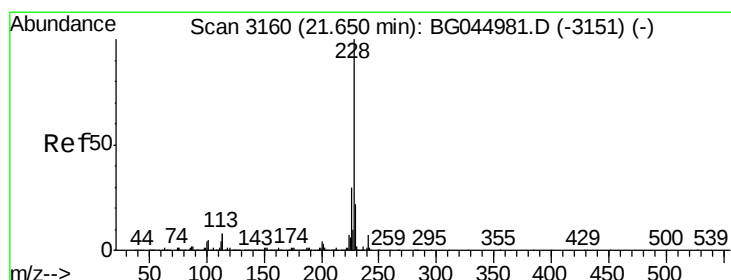
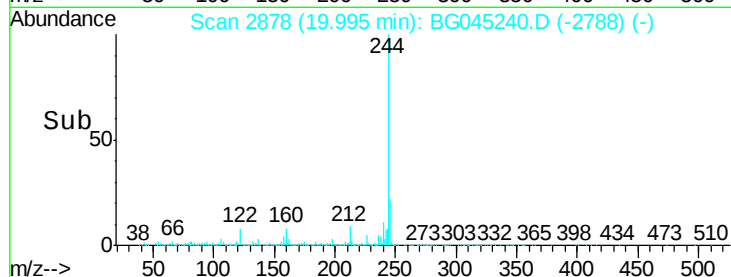
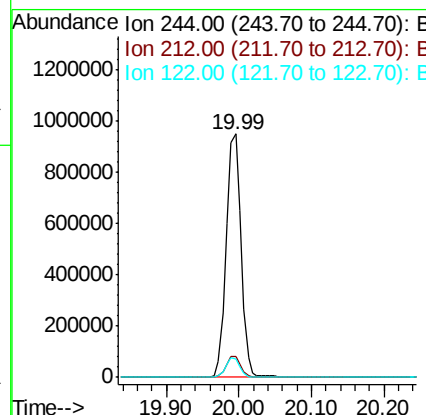
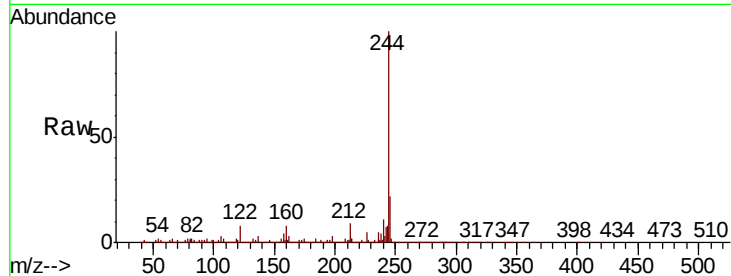
#79
 Terphenyl-d14
 Concen: 57.657 ng
 RT: 19.99 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BG045240.D
 Acq: 4 May 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-03-008-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.9	11.9
122	7.6	7.7	11.5

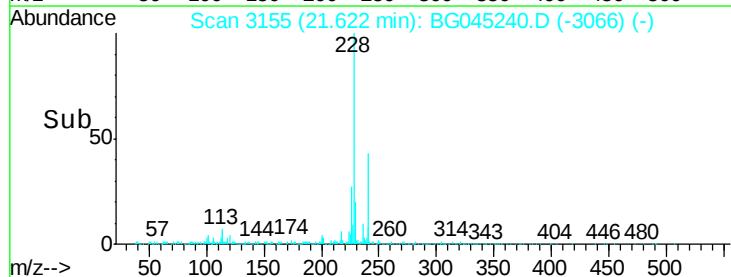
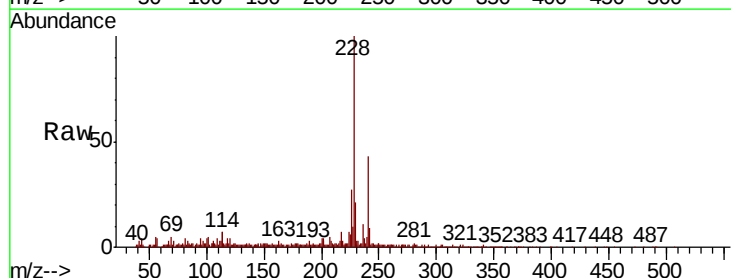
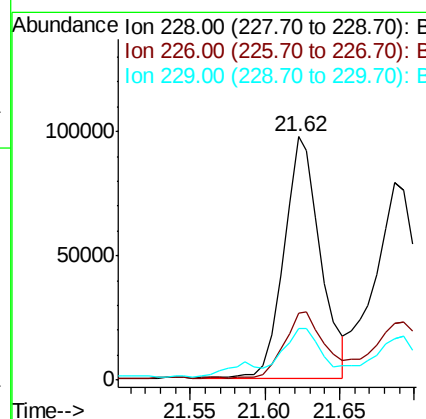
Manual Integrations
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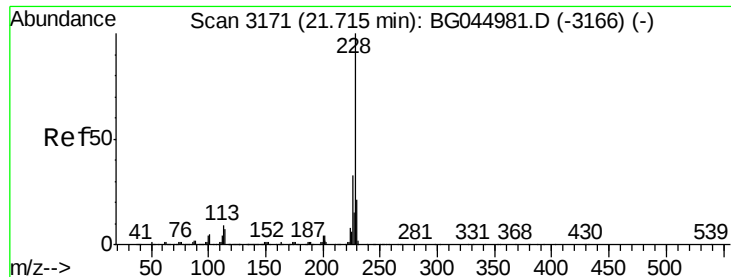
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.935 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG045240.D
 Acq: 4 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.0	36.0
229	21.1	17.5	26.3





#83

Chrysene

Concen: 4.803 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG045240.D

Acq: 4 May 2020 19:13

Instrument :

BNA_G

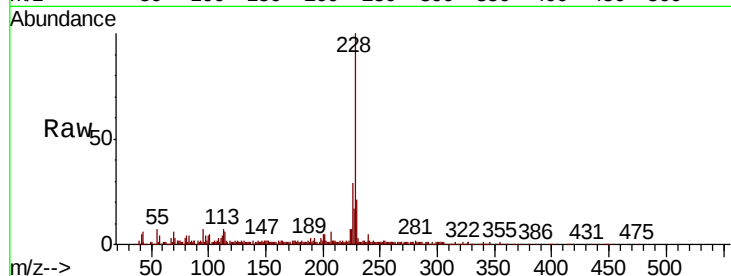
ClientSampleId :

FK-GF-03-008-A

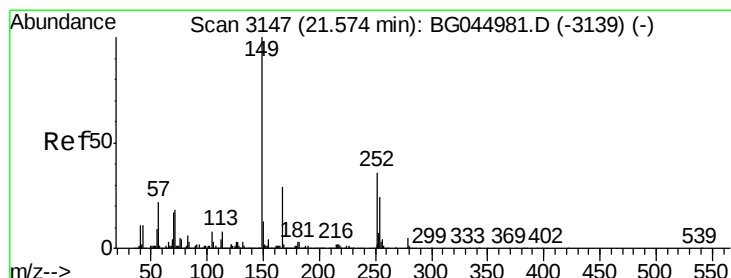
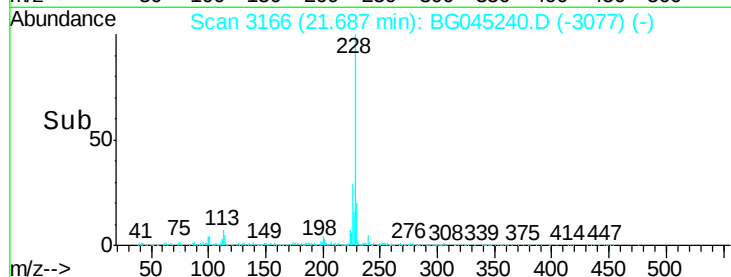
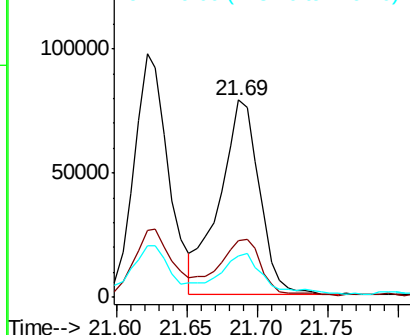
Tot Ion:	228	Resp:	154314
Ion Ratio	Lower	Upper	
228	100		
226	28.8	26.2	39.4
229	21.0	17.0	25.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.745 ng

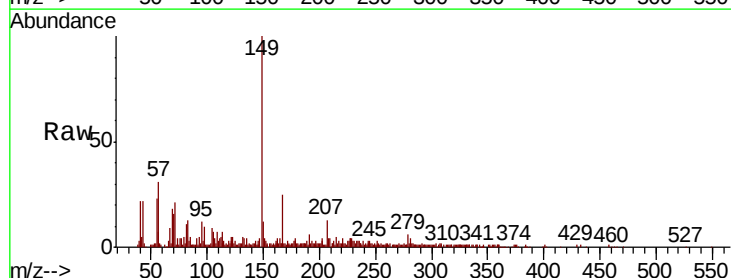
RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

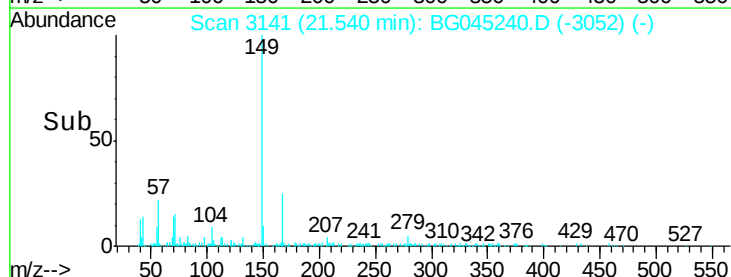
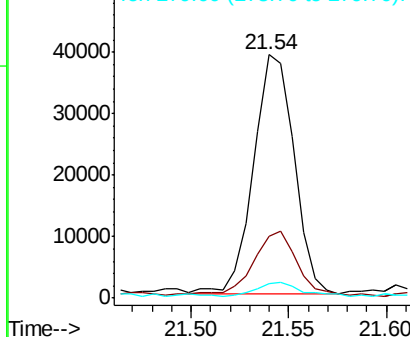
Lab File: BG045240.D

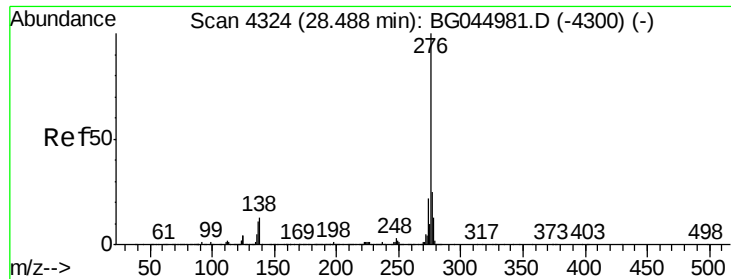
Acq: 4 May 2020 19:13

Tgt Ion:	149	Resp:	55658
Ion Ratio	Lower	Upper	
149	100		
167	25.3	23.4	35.0
279	6.2	4.3	6.5



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





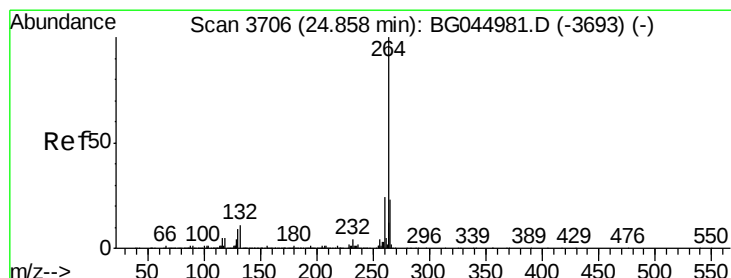
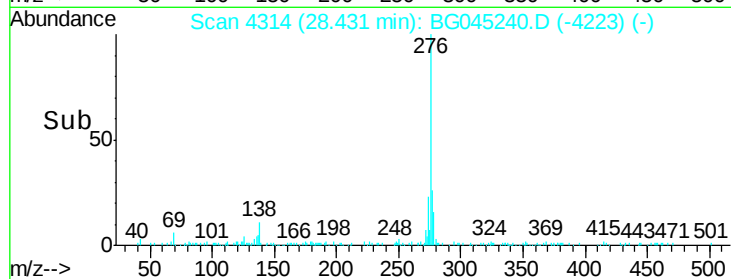
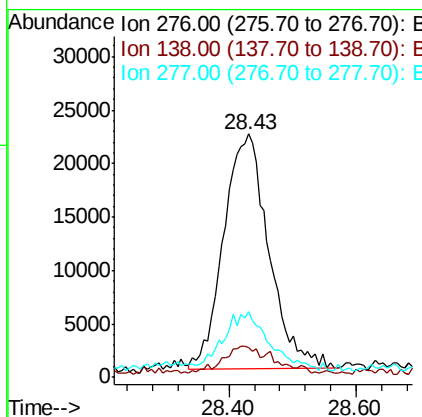
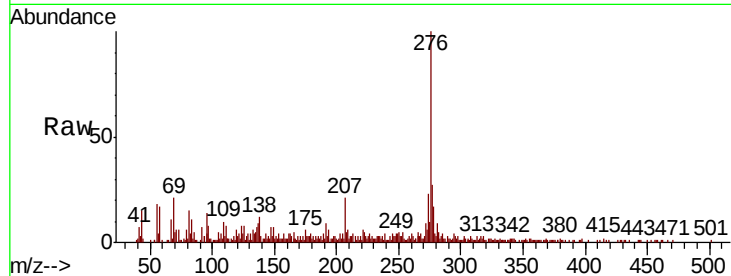
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.534 ng
RT: 28.43 min Scan# 4314
Delta R.T. 0.01 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.5	9.6	14.4#
277	25.2	20.6	31.0

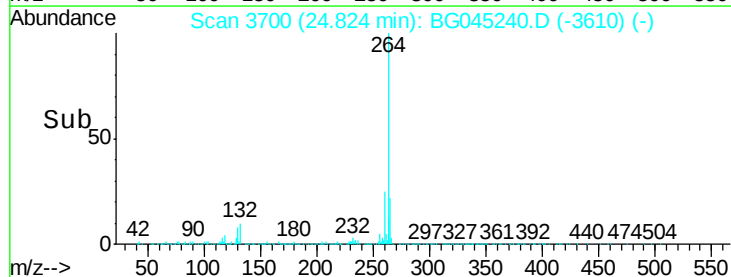
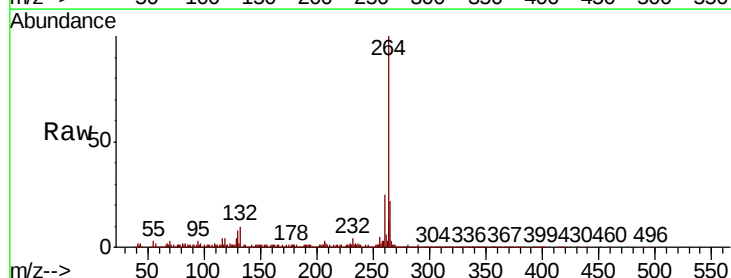
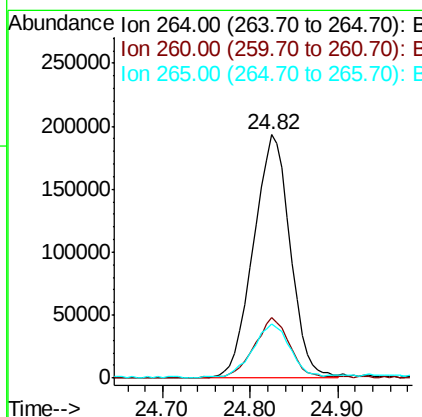
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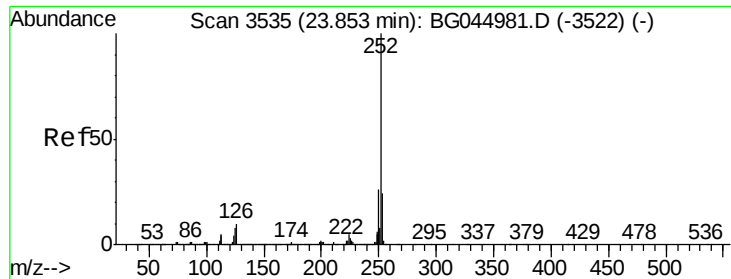
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.2	19.0	28.4





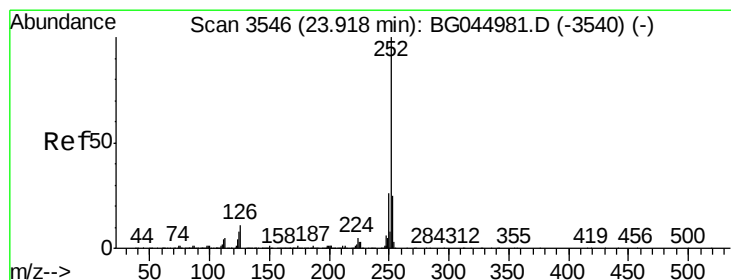
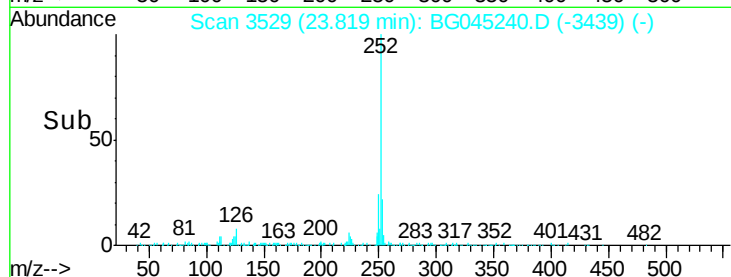
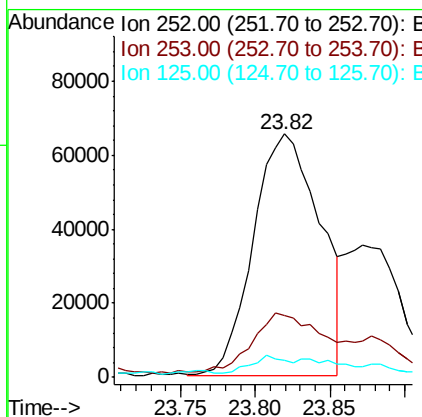
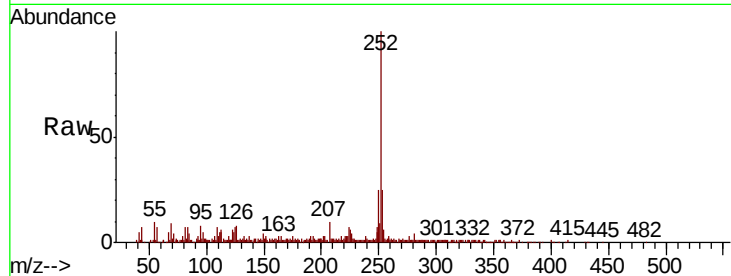
#88
Benzo(b)fluoranthene
Concen: 5.821 ng m
RT: 23.82 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.8	28.2
125	7.1	6.2	9.4

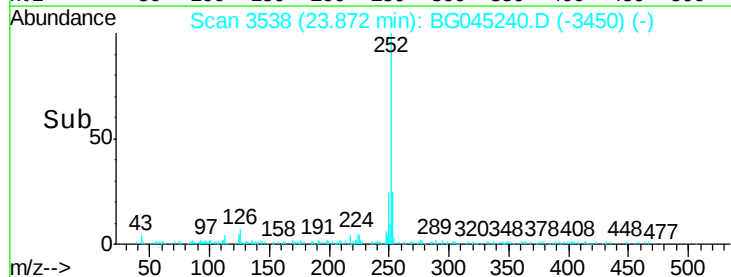
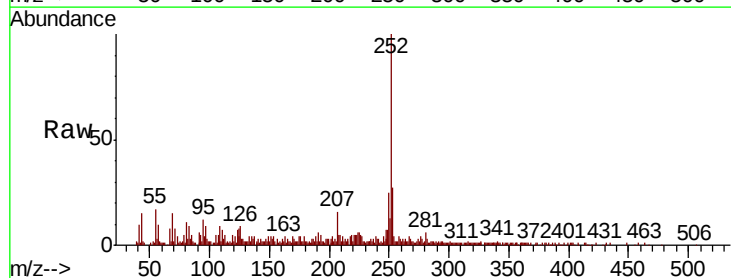
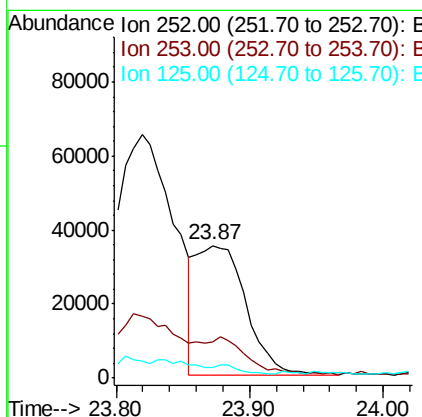
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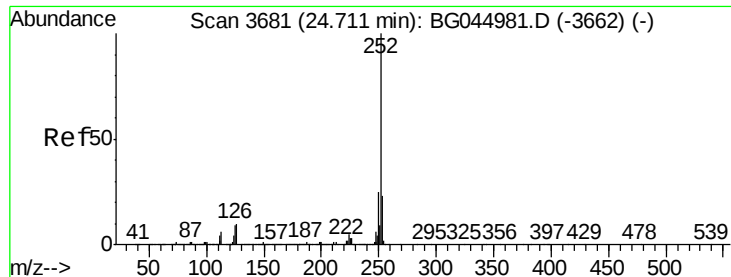
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#89
Benzo(k)fluoranthene
Concen: 2.735 ng m
RT: 23.87 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.2	28.8
125	8.0	5.9	8.9





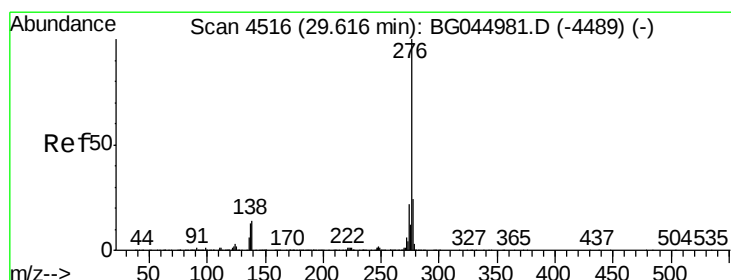
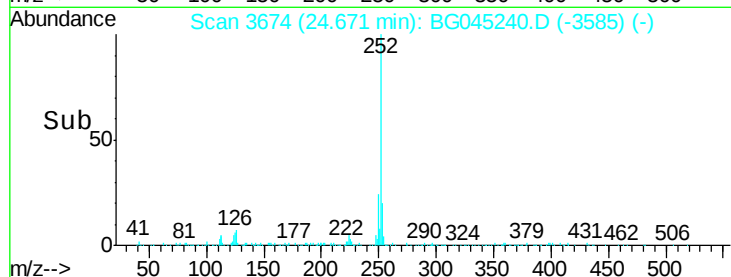
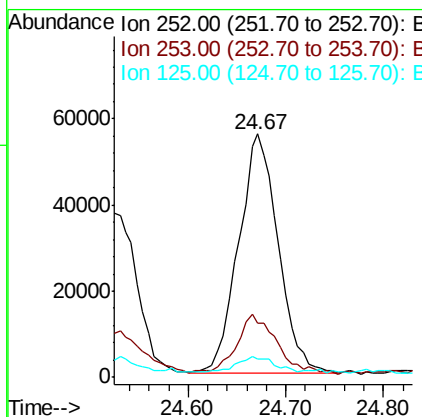
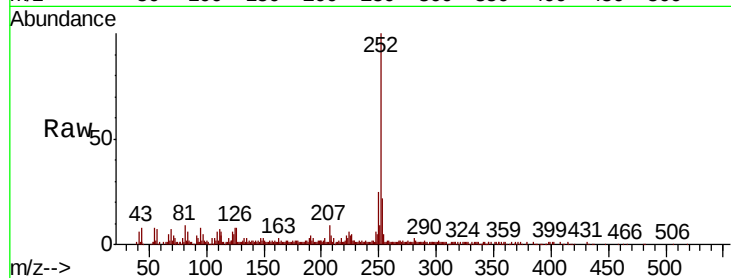
#90
Benzo(a)pyrene
Concen: 4.811 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Instrument :
BNA_G
ClientSampleId :
FK-GF-03-008-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	7.7	7.0	10.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.236 ng
RT: 29.55 min Scan# 4505
Delta R.T. 0.00 min
Lab File: BG045240.D
Acq: 4 May 2020 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.3	28.9
138	17.0	11.4	17.2

