

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045239.D
 Acq On : 4 May 2020 18:32
 Operator : CG/JU
 Sample : L2475-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-B

Manual Integrations
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Quant Time: May 04 19:11:20 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	82741	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	319384	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	222265	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	466172	20.00	ng	0.00
76) Chrysene-d12	21.64	240	418893	20.00	ng	0.00
87) Perylene-d12	24.82	264	446209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	665545	132.80	ng	0.00
7) Phenol-d6	7.16	99	957292	128.56	ng	0.00
23) Nitrobenzene-d5	9.15	82	634497	90.65	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	422165	122.95	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1430209	94.35	ng	0.00
79) Terphenyl-d14	19.99	244	1950080	101.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	120018	6.632	ng	99
71) Phenanthrene	17.42	178	100621	4.200	ng	97
75) Fluoranthene	19.43	202	272721	4.074	ng	96
78) Pyrene	19.79	202	257871	8.929	ng	94
81) Benzo(a)anthracene	21.62	228	150648	5.549	ng	98
83) Chrysene	21.69	228	136929	5.249	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	45057	2.737	ng	99
86) Indeno(1,2,3-cd)pyrene	28.42	276	110159	3.181	ng	97
88) Benzo(b)fluoranthene	23.82	252	206901	7.402	ng	98
89) Benzo(k)fluoranthene	23.87	252	68306m	2.570	ng	
90) Benzo(a)pyrene	24.67	252	139339	5.280	ng	94
92) Benzo(a,h,i)perylene	29.54	276	107057	4.016	ng	# 95

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

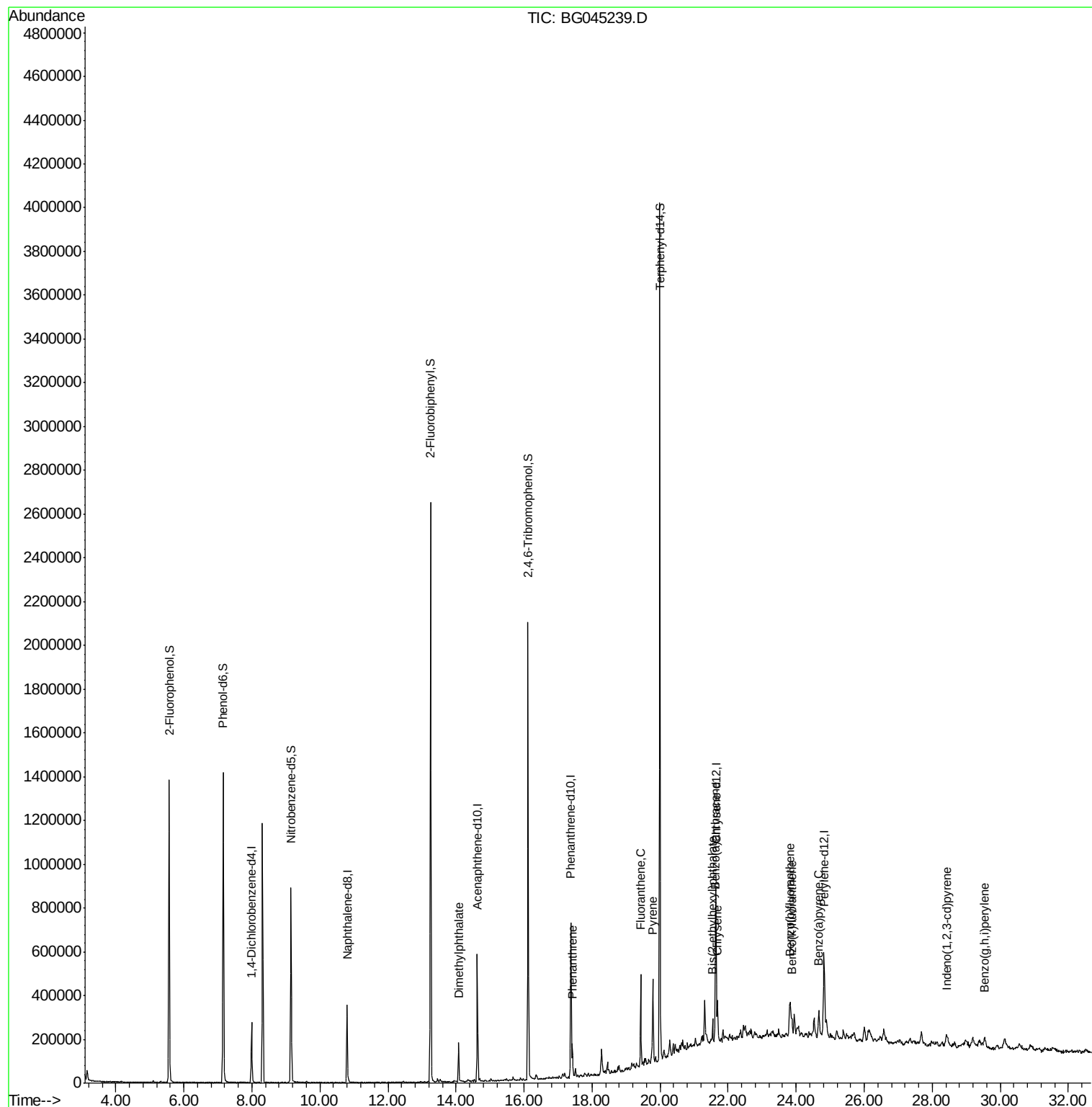
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
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ALS Vial : 10 Sample Multiplier: 1

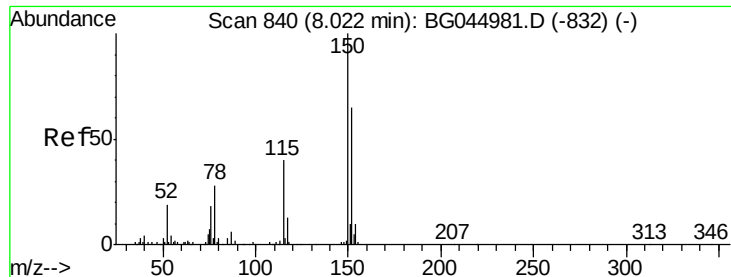
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-B

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Quant Time: May 04 19:11:20 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





#1

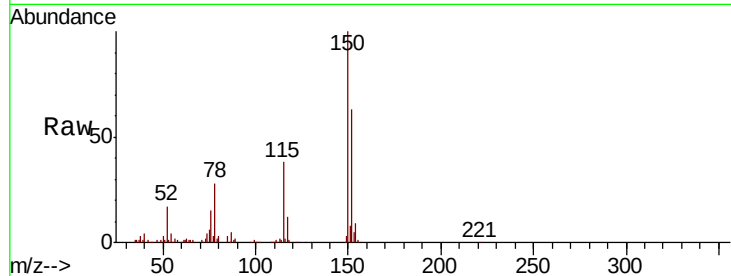
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.6	185.4
115	60.0	49.1	73.7

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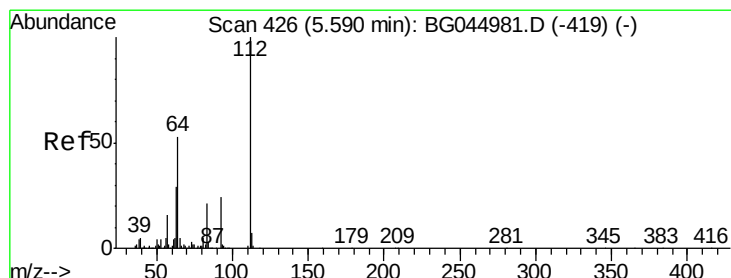
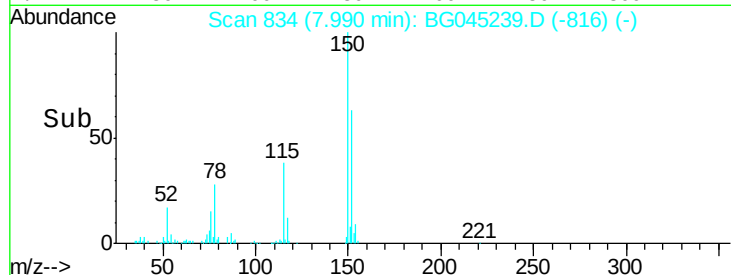
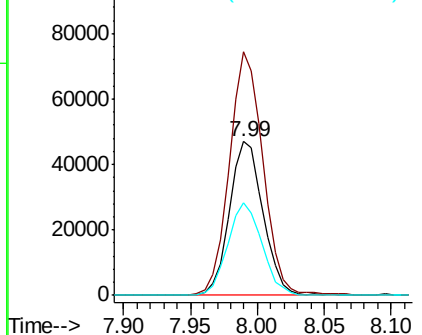


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

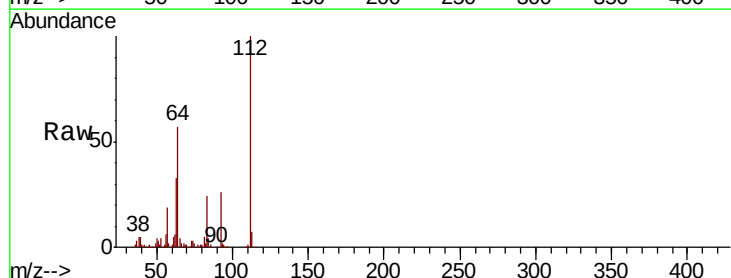
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.797 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	42.4	63.6
63	32.7	23.1	34.7

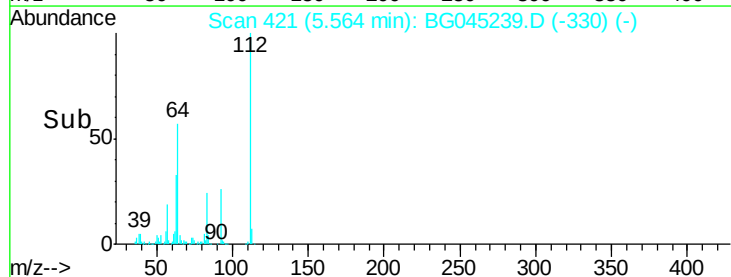
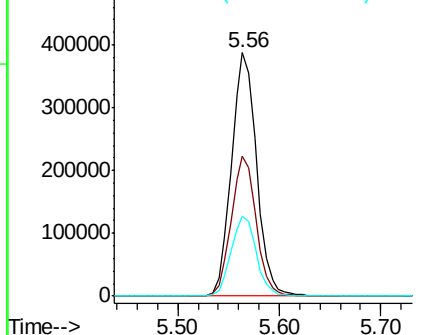


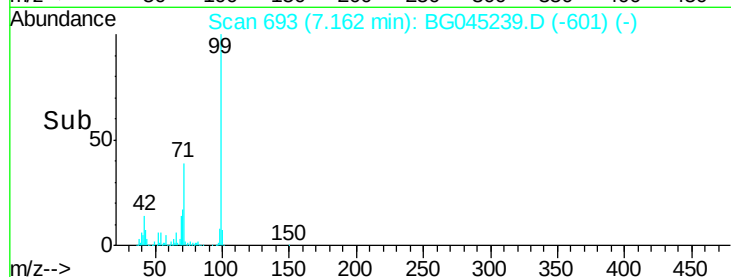
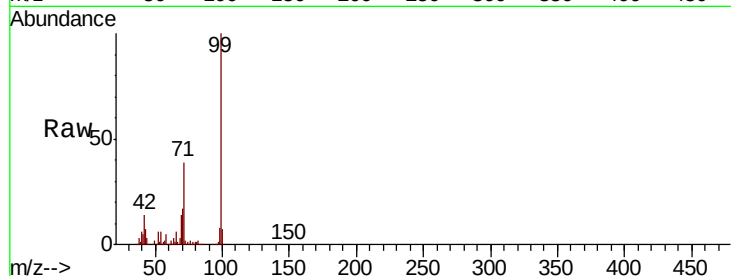
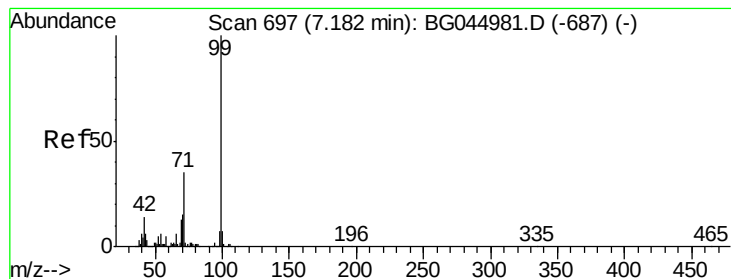
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 128.561 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045239.D

Acq: 4 May 2020 18:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		957292		
42	14.0	11.3	16.9		
71	39.4	28.3	42.5		

Instrument :

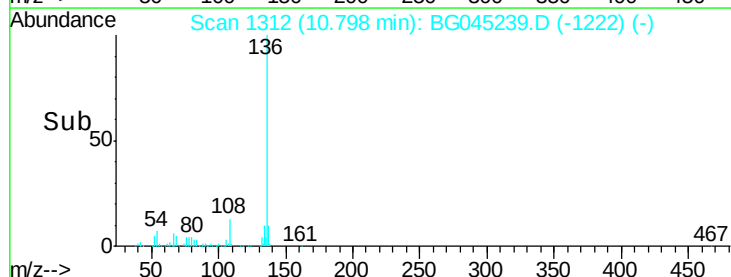
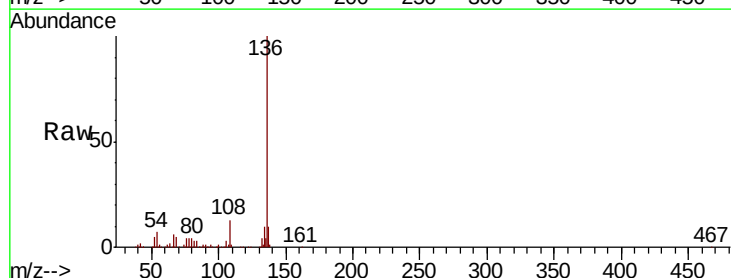
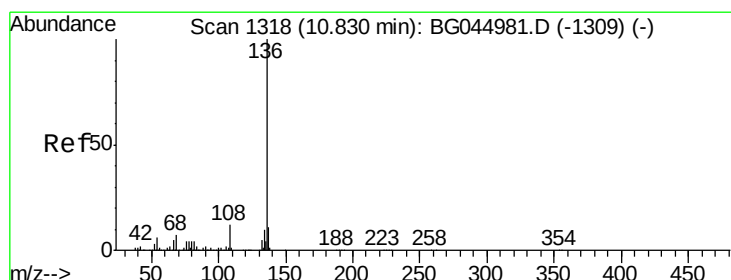
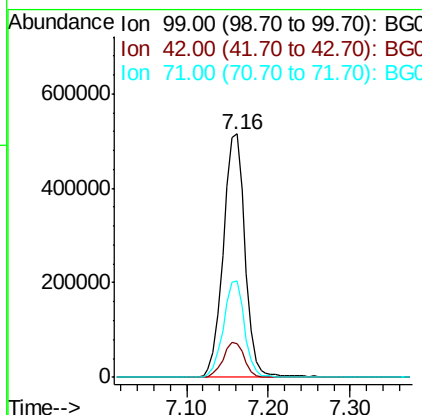
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

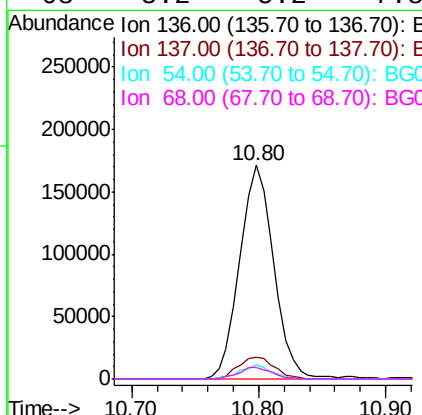
RT: 10.80 min Scan# 1312

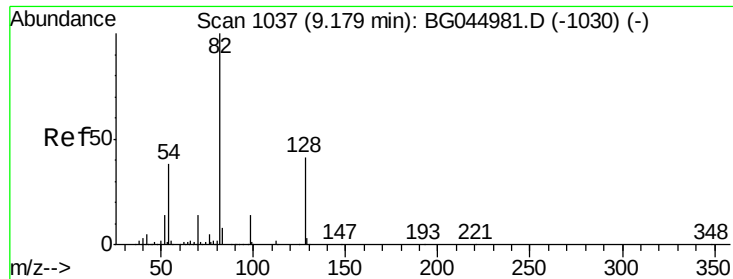
Delta R.T. -0.00 min

Lab File: BG045239.D

Acq: 4 May 2020 18:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		319384		
137	10.4	8.6	13.0		
54	6.8	4.8	7.2		
68	5.2	5.2	7.8		





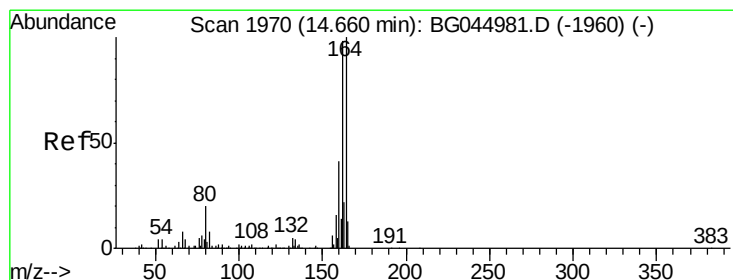
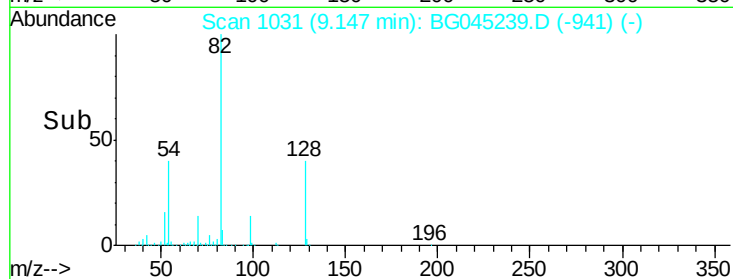
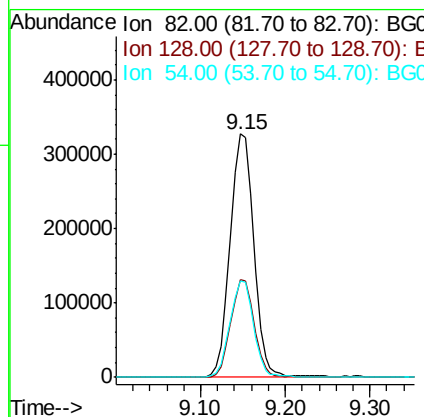
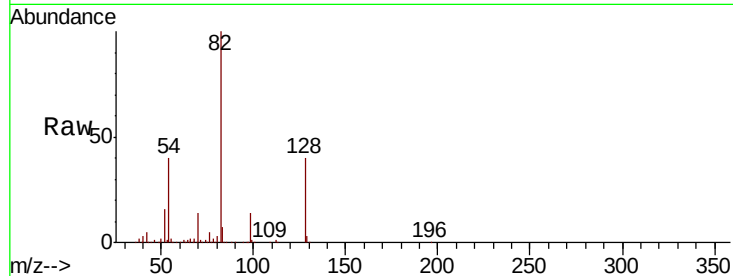
#23
Nitrobenzene-d5
Concen: 90.647 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.0	49.4
54	39.8	30.4	45.6

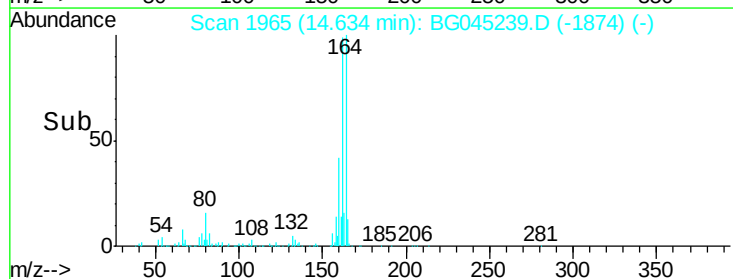
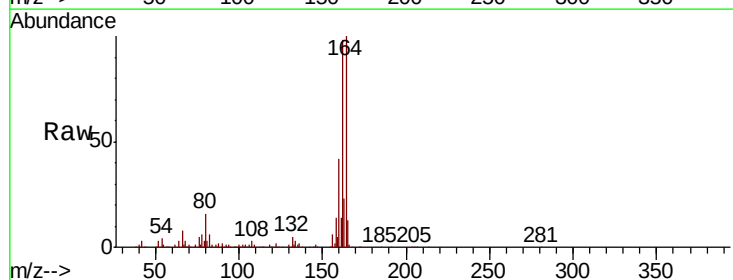
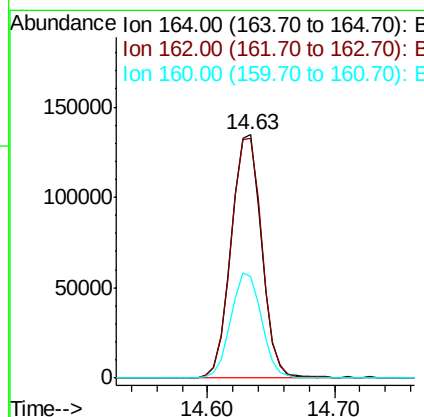
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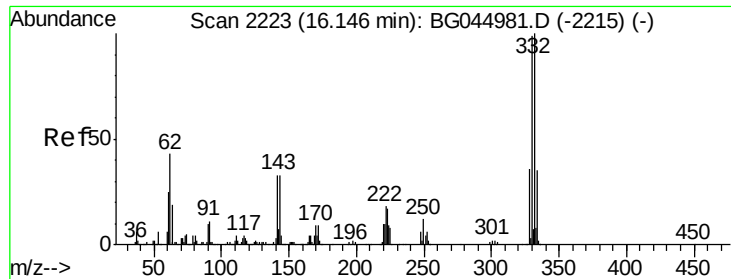
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.7	118.1
160	41.6	32.8	49.2





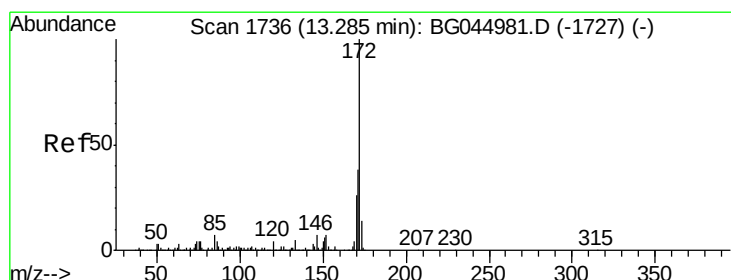
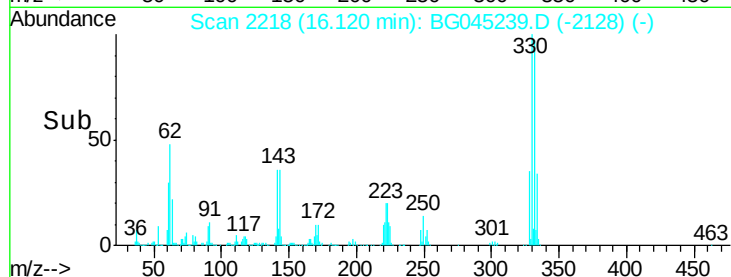
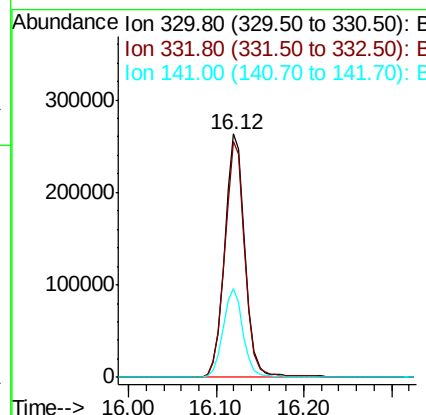
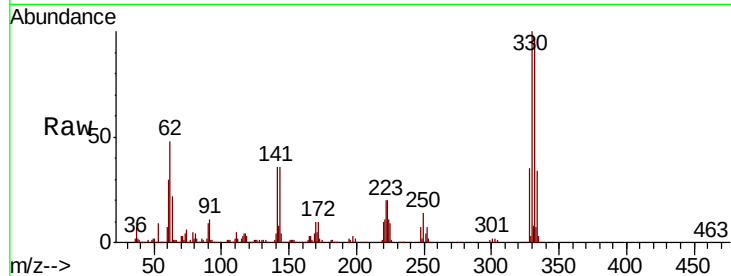
#42
 2,4,6-Tribromophenol
 Concen: 122.947 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG045239.D
 Acq: 4 May 2020 18:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	422165		
332	95.7	79.1	118.7	
141	36.2	27.1	40.7	

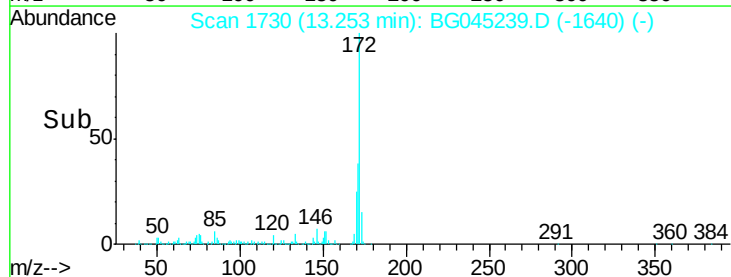
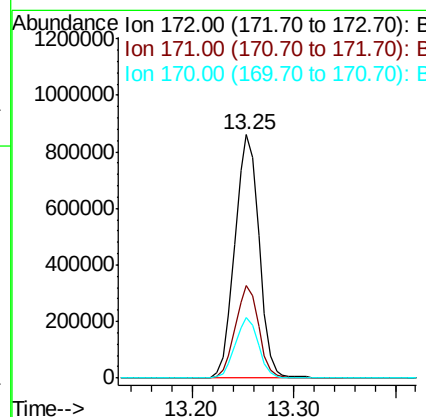
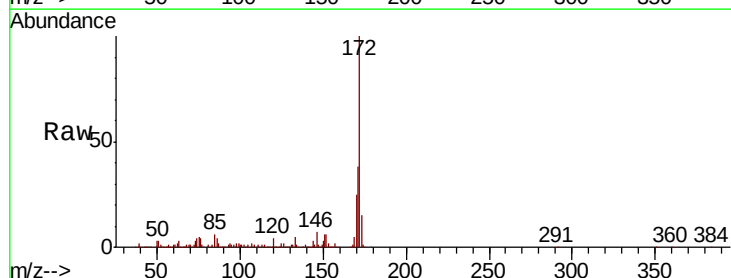
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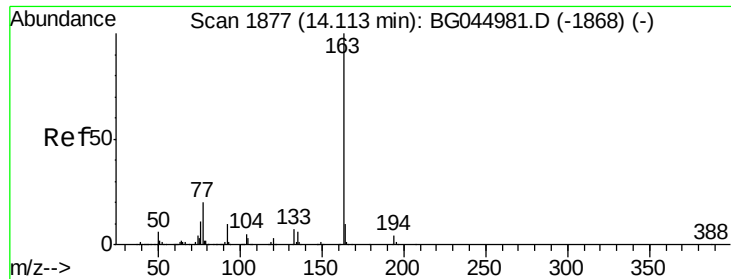
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#45
 2-Fluorobiphenyl
 Concen: 94.353 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045239.D
 Acq: 4 May 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1430209		
171	38.3	30.6	46.0	
170	24.8	20.5	30.7	





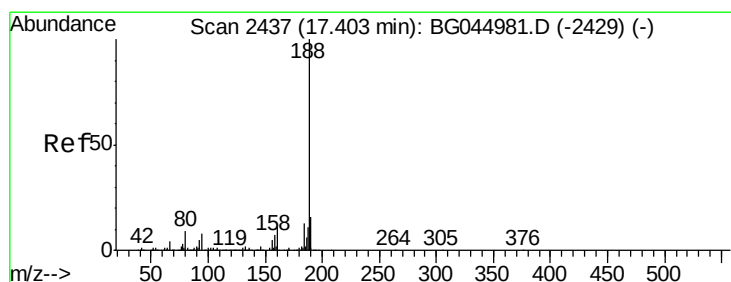
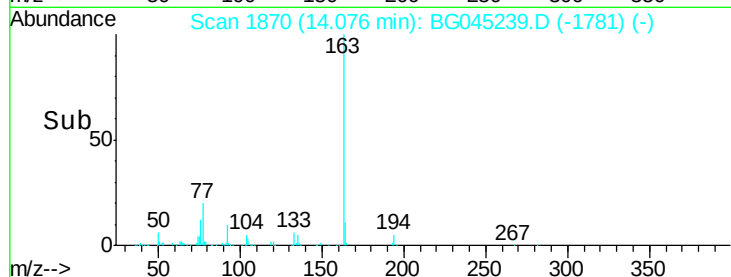
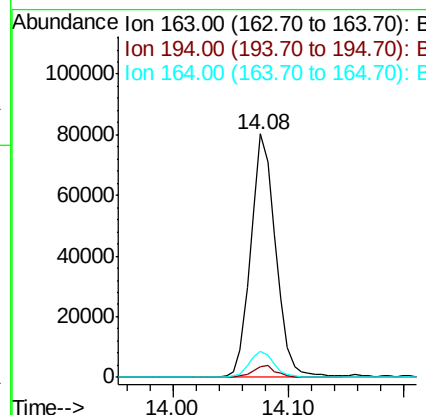
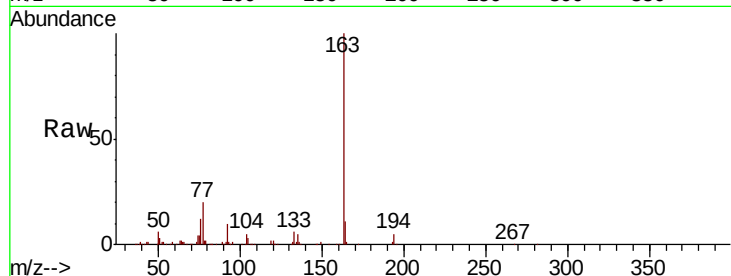
#50
Dimethylphthalate
Concen: 6.632 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	120018		
194	4.6		3.5	5.3
164	10.7		8.2	12.4

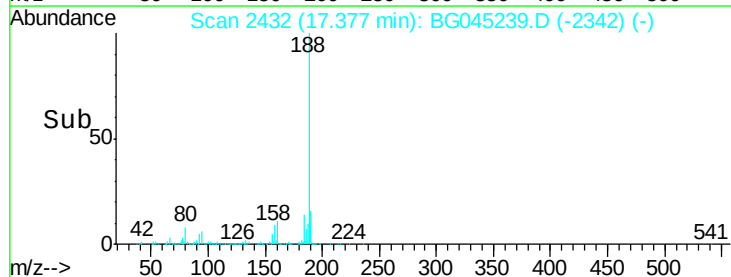
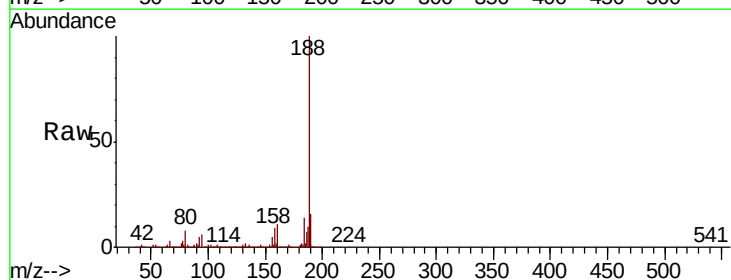
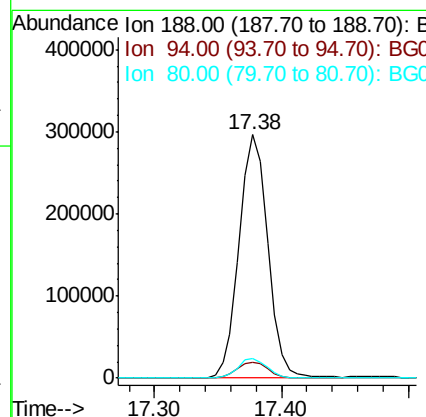
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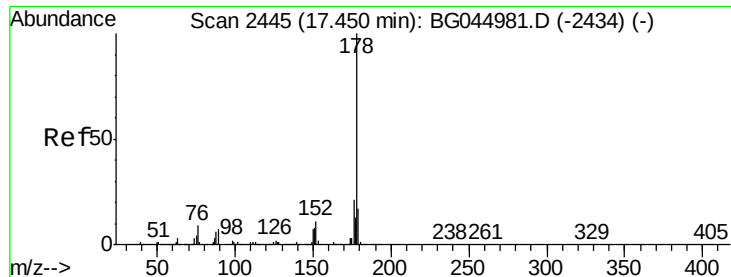
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	466172		
94	6.4		6.2	9.4
80	8.1		7.0	10.6





#71

Phenanthrene

Concen: 4.200 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG045239.D

Acq: 4 May 2020 18:32

Instrument :

BNA_G

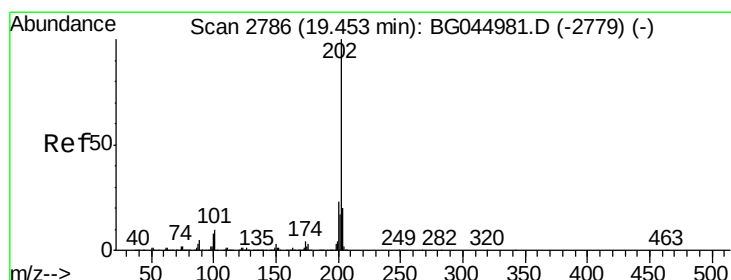
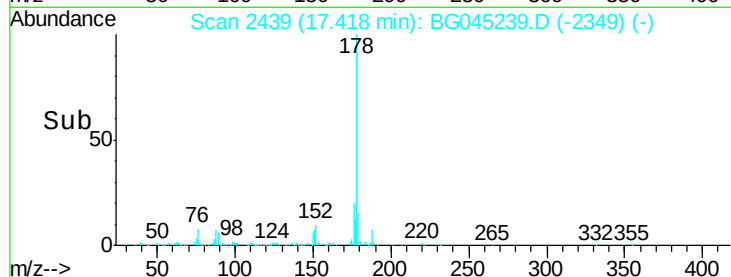
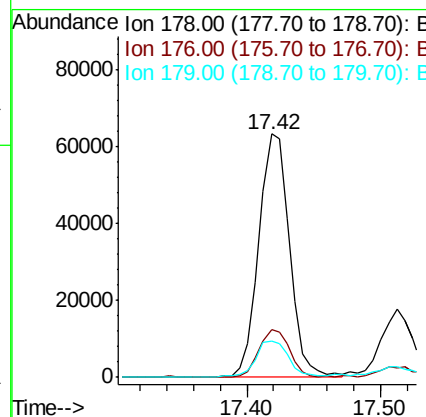
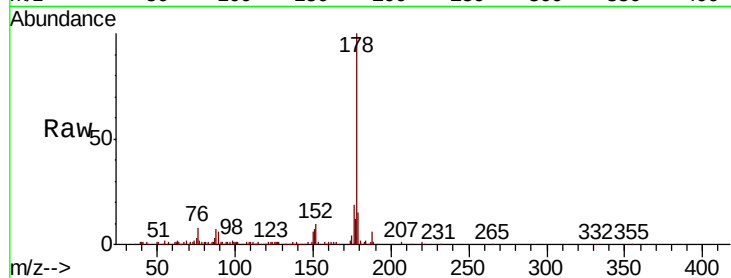
ClientSampleId :

FK-SF-03-009-B

Tot Ion:	178	Resp:	100621
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.8	25.2
179	14.9	13.2	19.8

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#75

Fluoranthene

Concen: 4.074 ng

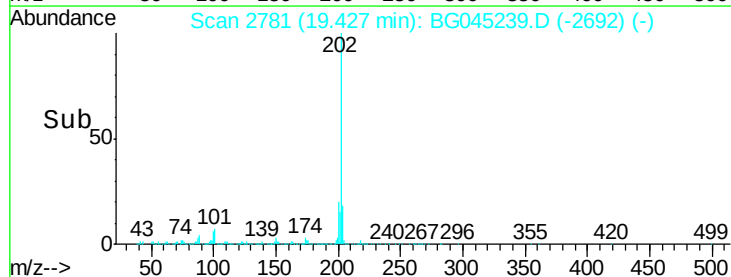
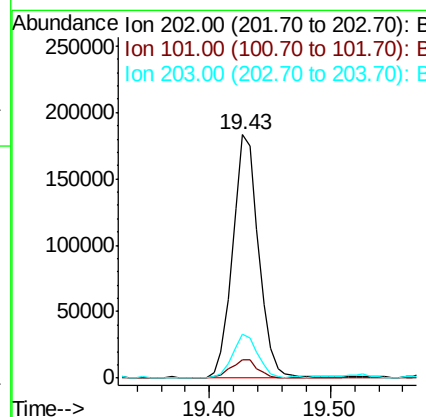
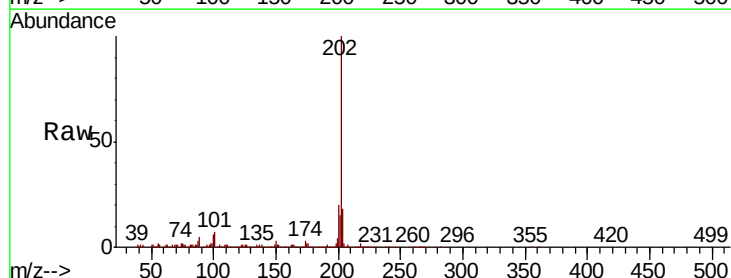
RT: 19.43 min Scan# 2781

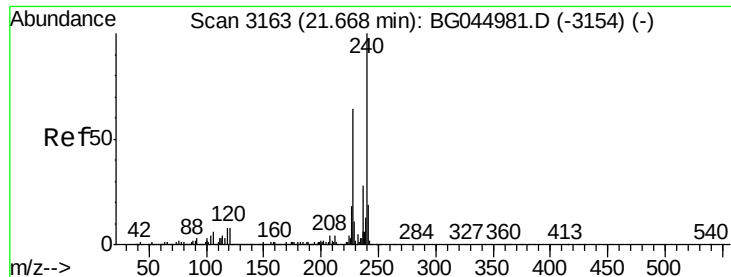
Delta R.T. -0.01 min

Lab File: BG045239.D

Acq: 4 May 2020 18:32

Tgt Ion:	202	Resp:	272721
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	29.6
203	18.2	0.0	39.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG045239.D

Acq: 4 May 2020 18:32

Instrument :

BNA_G

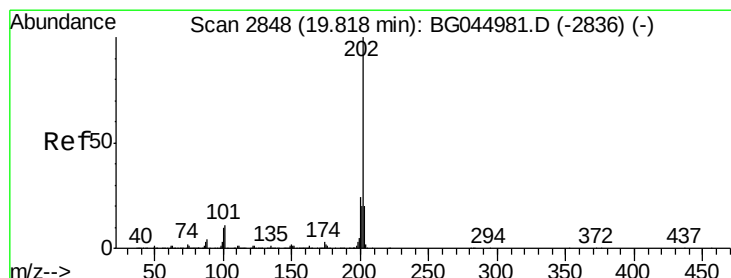
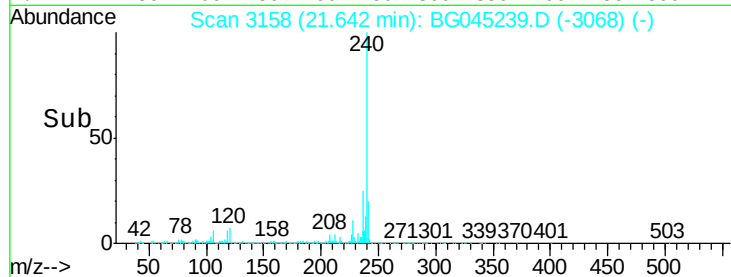
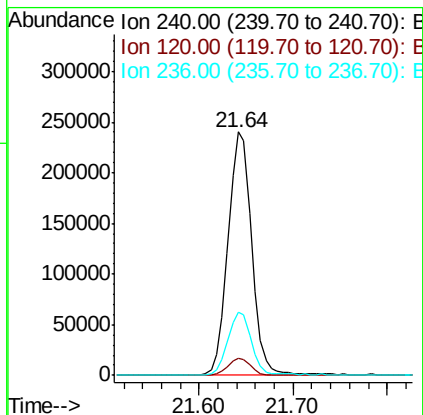
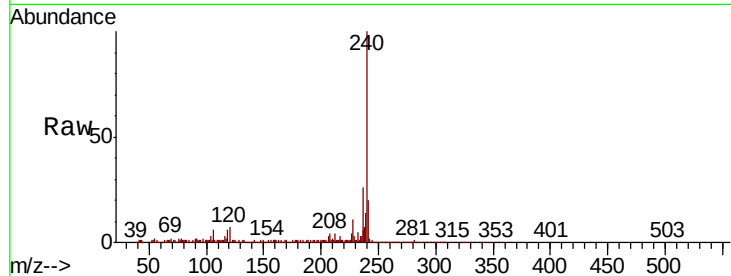
ClientSampleId :

FK-SF-03-009-B

Tot Ion:	240	Resp:	418893
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.6	10.0
236	25.8	22.2	33.2

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#78

Pyrene

Concen: 8.929 ng

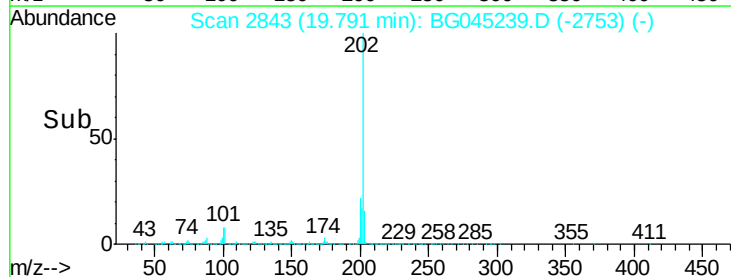
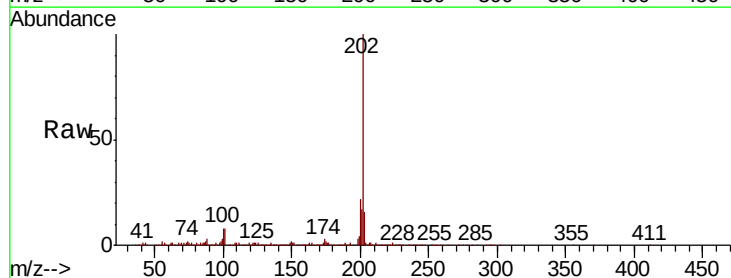
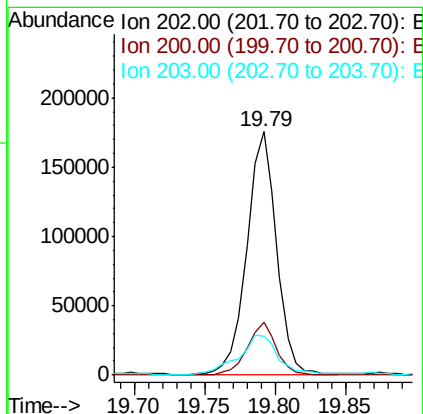
RT: 19.79 min Scan# 2843

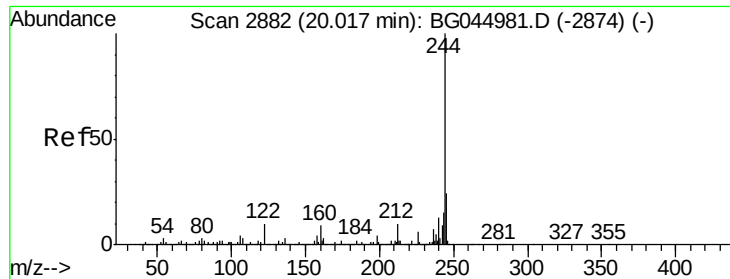
Delta R.T. -0.00 min

Lab File: BG045239.D

Acq: 4 May 2020 18:32

Tgt Ion:	202	Resp:	257871
Ion Ratio	Lower	Upper	
202	100		
200	21.6	19.0	28.6
203	16.1	16.1	24.1





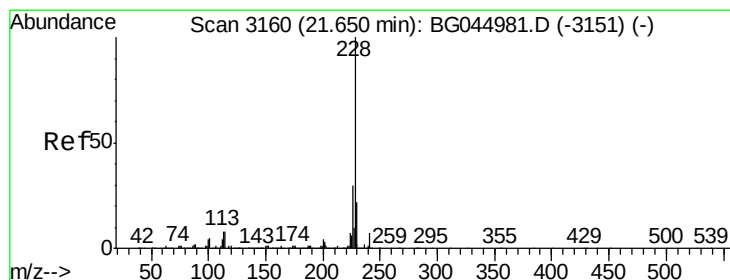
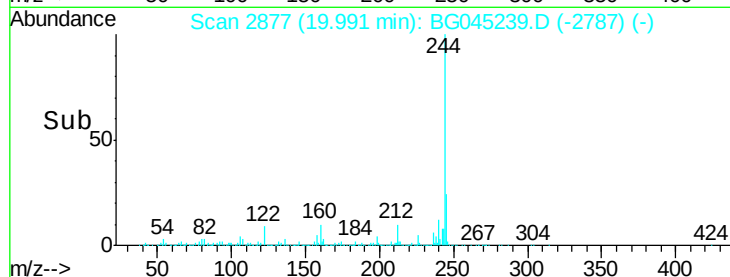
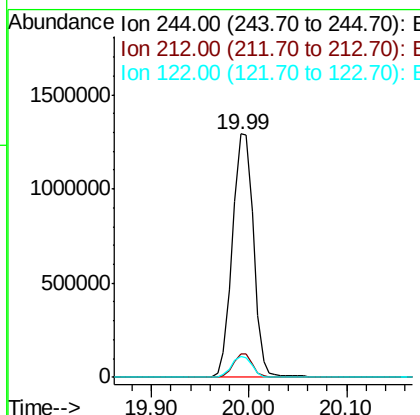
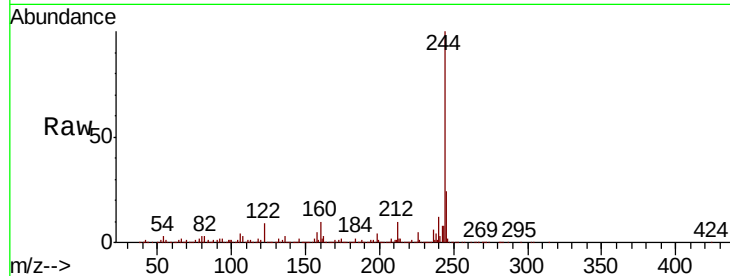
#79
 Terphenyl-d14
 Concen: 101.466 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.00 min
 Lab File: BG045239.D
 Acq: 4 May 2020 18:32

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	8.6	7.7	11.5

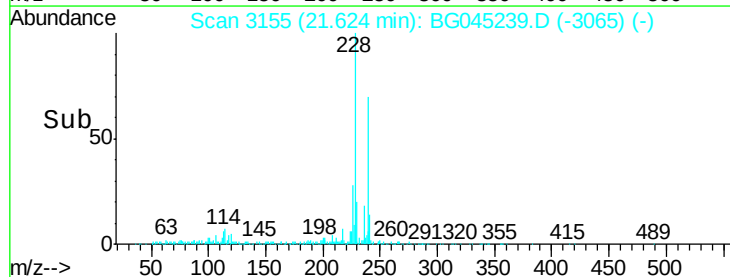
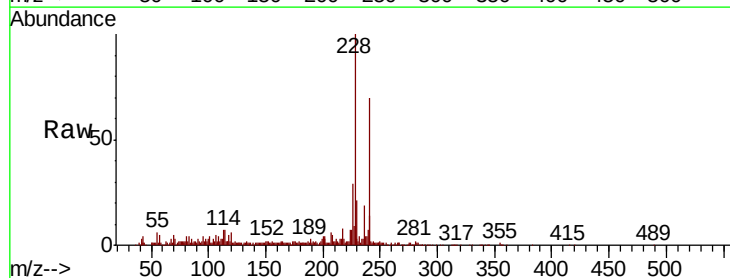
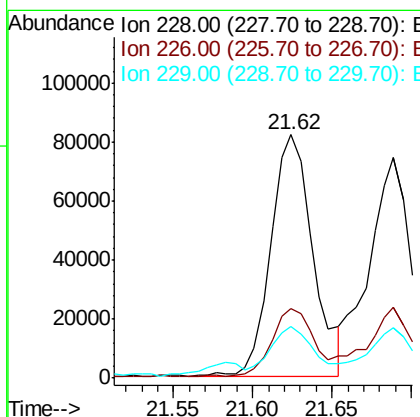
Manual Integrations
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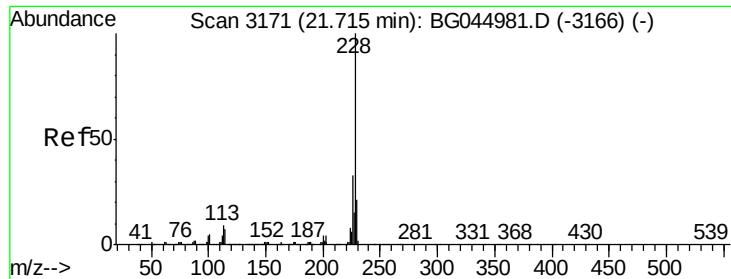
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.549 ng
 RT: 21.62 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG045239.D
 Acq: 4 May 2020 18:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	21.4	17.5	26.3





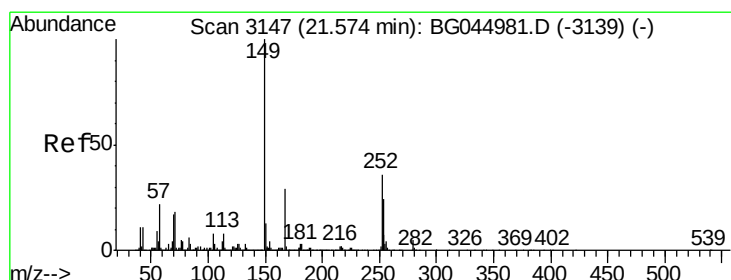
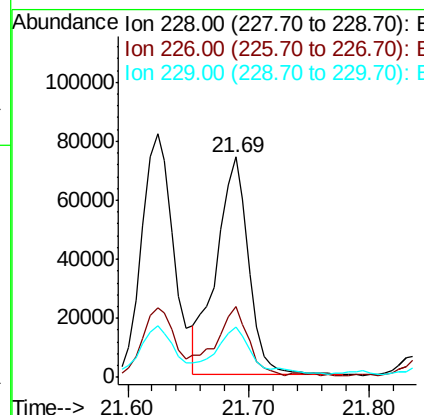
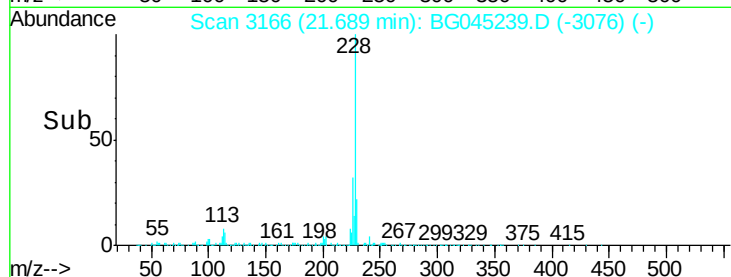
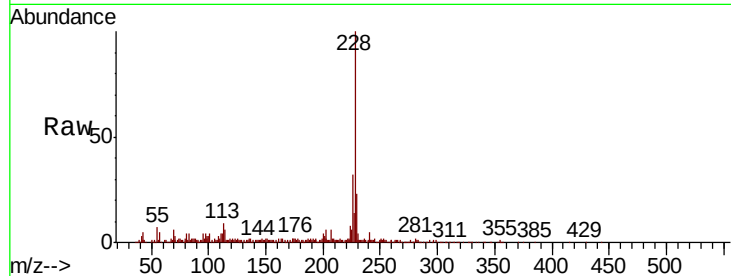
#83
Chrysene
Concen: 5.249 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.2	39.4
229	22.6	17.0	25.6

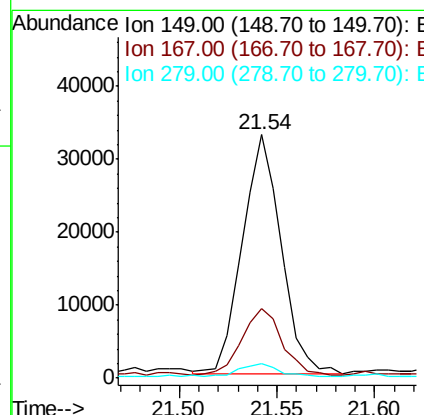
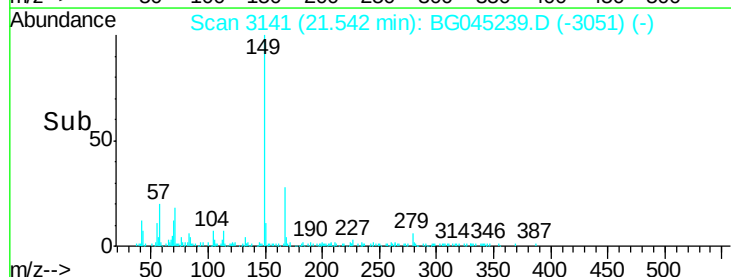
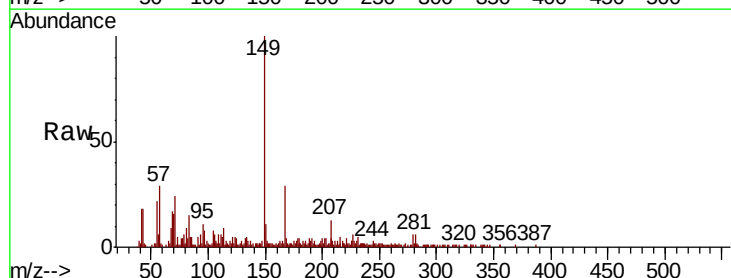
Manual Integrations
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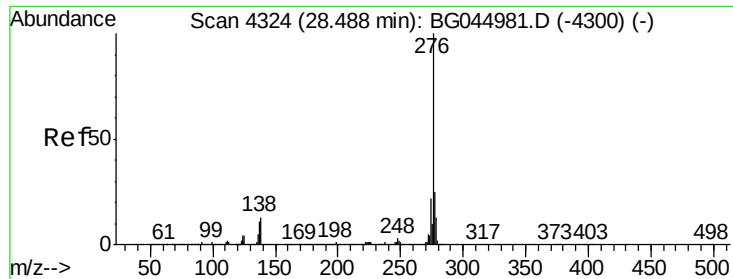
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.737 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	5.8	4.3	6.5





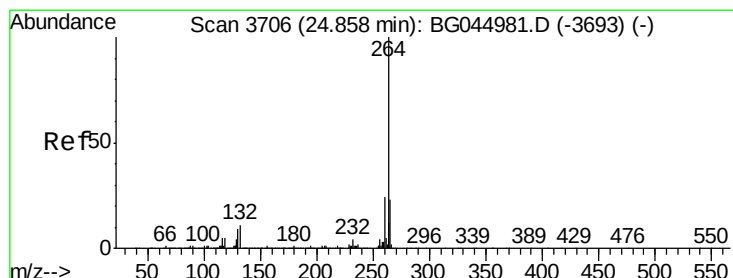
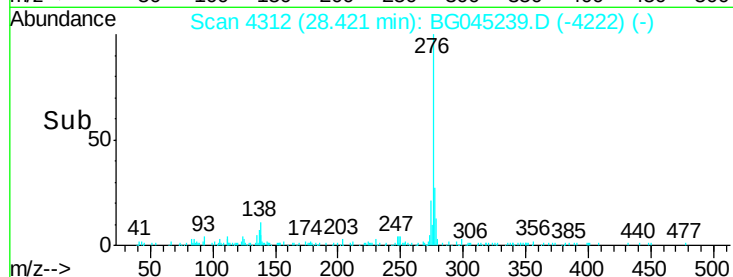
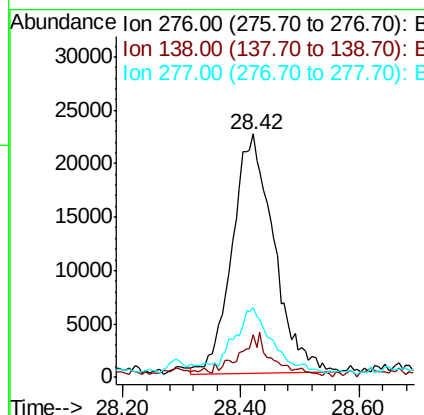
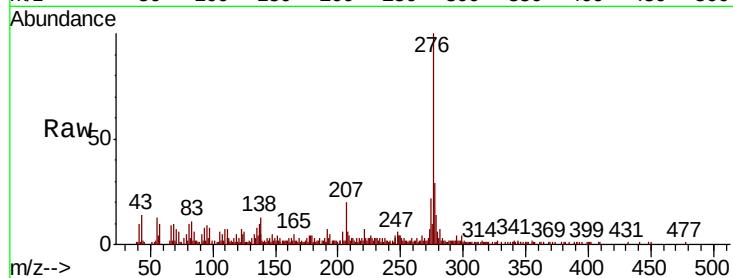
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.181 ng
RT: 28.42 min Scan# 4312
Delta R.T. -0.00 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.1	9.6	14.4
277	24.2	20.6	31.0

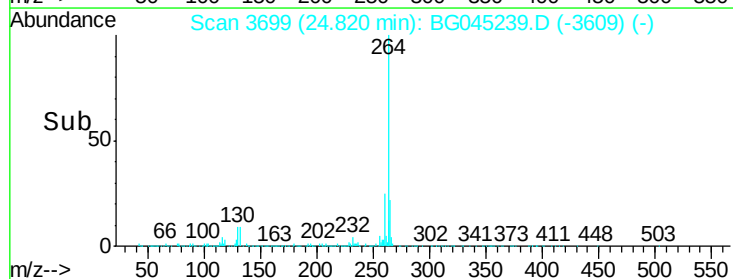
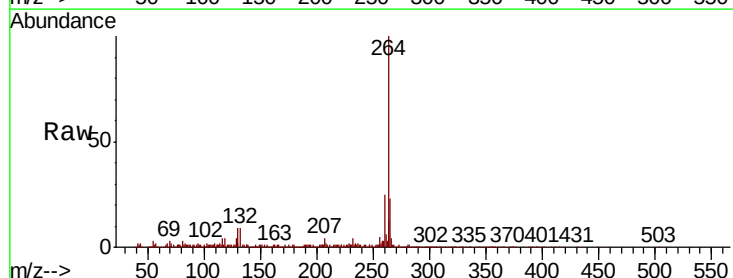
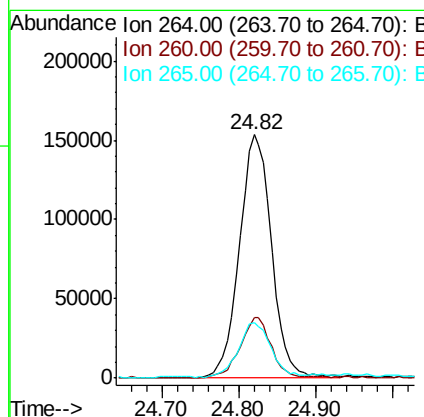
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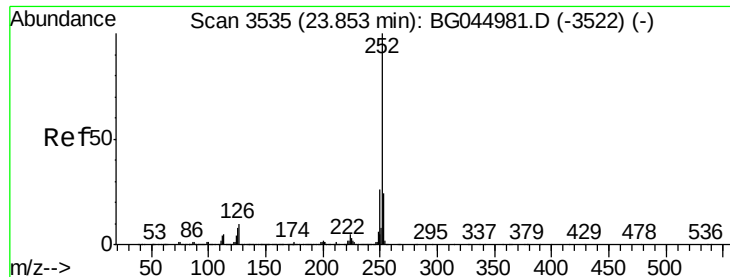
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.7	19.0	28.4





#88

Benzo(b)fluoranthene

Concen: 7.402 ng

RT: 23.82 min Scan# 3529

Delta R.T. 0.00 min

Lab File: BG045239.D

Acq: 4 May 2020 18:32

Instrument :

BNA_G

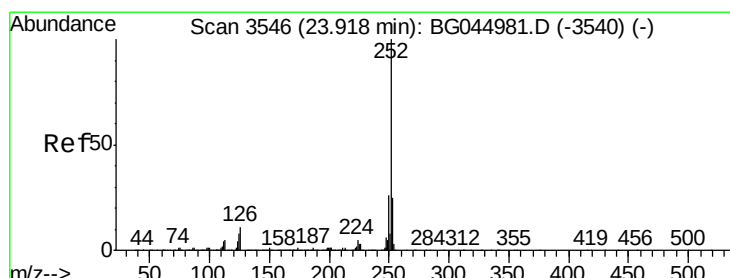
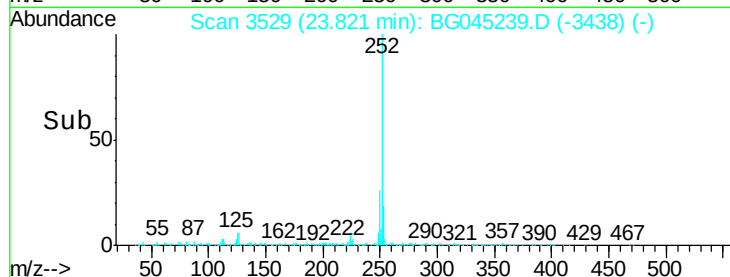
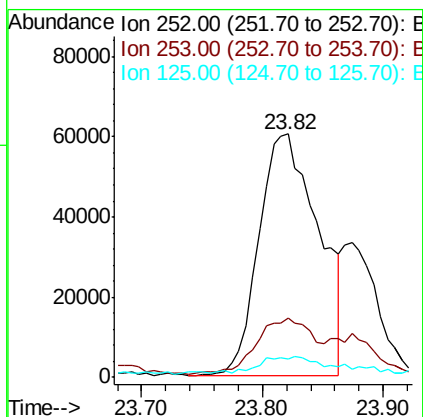
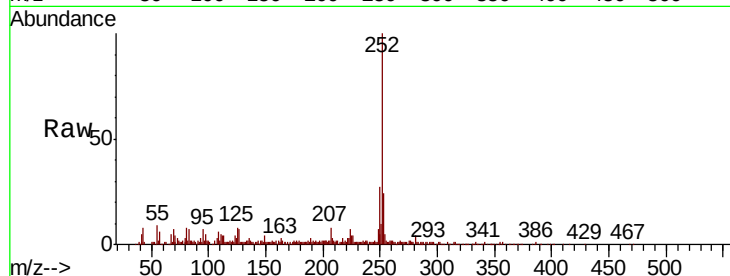
ClientSampleId :

FK-SF-03-009-B

Tot Ion:	252	Resp:	206901
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.8	28.2
125	7.6	6.2	9.4

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 2.570 ng m

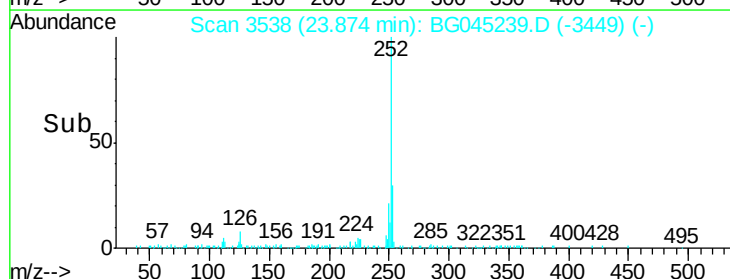
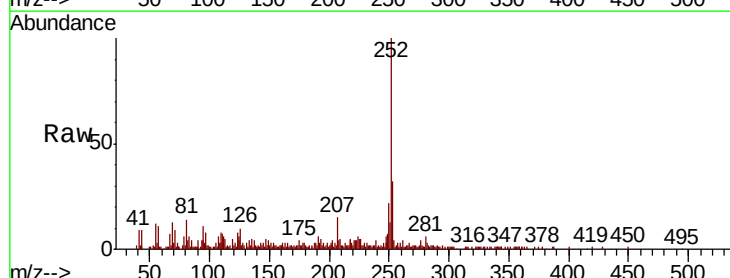
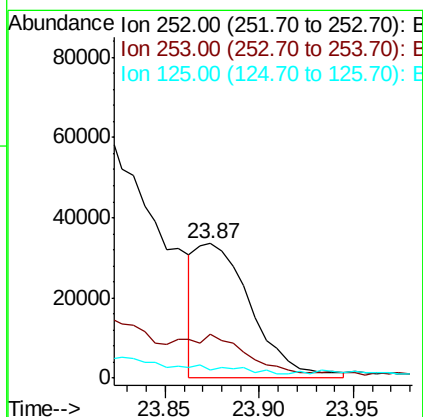
RT: 23.87 min Scan# 3538

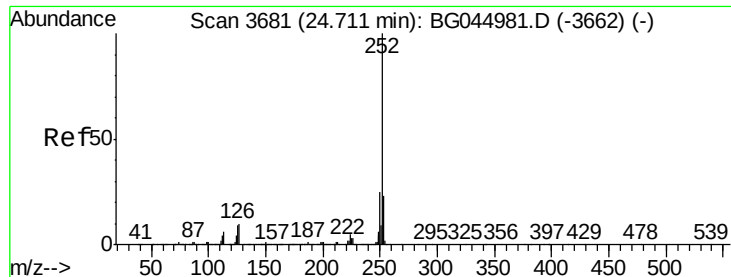
Delta R.T. -0.01 min

Lab File: BG045239.D

Acq: 4 May 2020 18:32

Tgt Ion:	252	Resp:	68306
Ion Ratio	Lower	Upper	
252	100		
253	32.5	19.2	28.8#
125	6.4	5.9	8.9





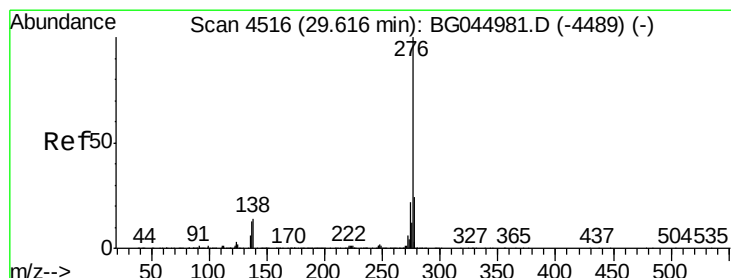
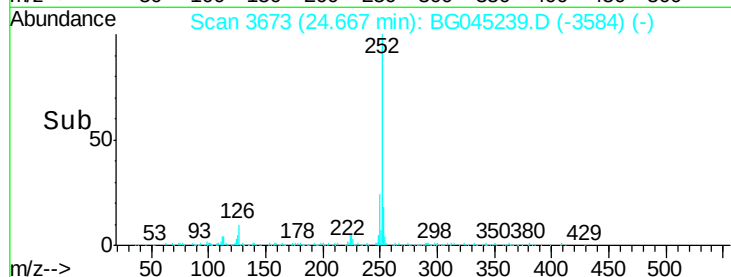
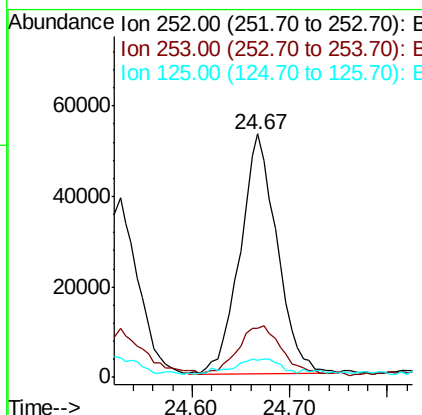
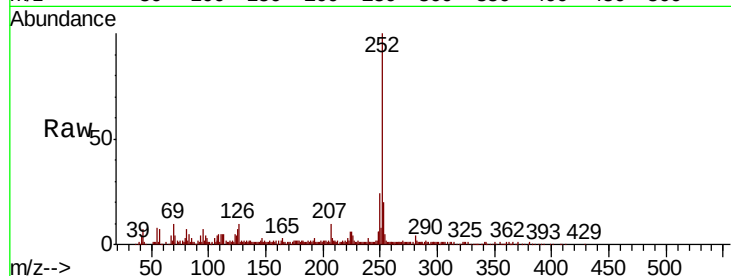
#90
Benzo(a)pyrene
Concen: 5.280 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.0	18.3	27.5
125	7.1	7.0	10.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.016 ng
RT: 29.54 min Scan# 4502
Delta R.T. -0.01 min
Lab File: BG045239.D
Acq: 4 May 2020 18:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.3	28.9
138	10.8	11.4	17.2

