

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045245.D
 Acq On : 4 May 2020 22:35
 Operator : CG/JU
 Sample : L2475-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 05 04:35:40 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	94764	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	376147	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	251212	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	496395	20.00	ng	0.00
76) Chrysene-d12	21.64	240	421862	20.00	ng	0.00
87) Perylene-d12	24.83	264	466540	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	689374	120.10	ng	0.00
7) Phenol-d6	7.16	99	1000932	117.37	ng	0.01
23) Nitrobenzene-d5	9.15	82	686265	83.25	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	427647	110.19	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1512240	88.27	ng	0.00
79) Terphenyl-d14	20.00	244	1869351	96.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	104276	5.098	ng	97
71) Phenanthrene	17.42	178	140336	5.502	ng	95
75) Fluoranthene	19.44	202	349522	6.359	ng	95
78) Pyrene	19.79	202	331041	11.382	ng	97
81) Benzo(a)anthracene	21.63	228	182674	6.681	ng	99
83) Chrysene	21.69	228	187045	7.120	ng	96
86) Indeno(1,2,3-cd)pyrene	28.44	276	101256	2.903	ng	# 91
88) Benzo(b)fluoranthene	23.82	252	270587	9.259	ng	99
89) Benzo(k)fluoranthene	23.89	252	72481m	2.608	ng	
90) Benzo(a)pyrene	24.68	252	171190	6.204	ng	98
92) Benzo(g,h,i)perylene	29.56	276	86537	3.105	ng	96

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

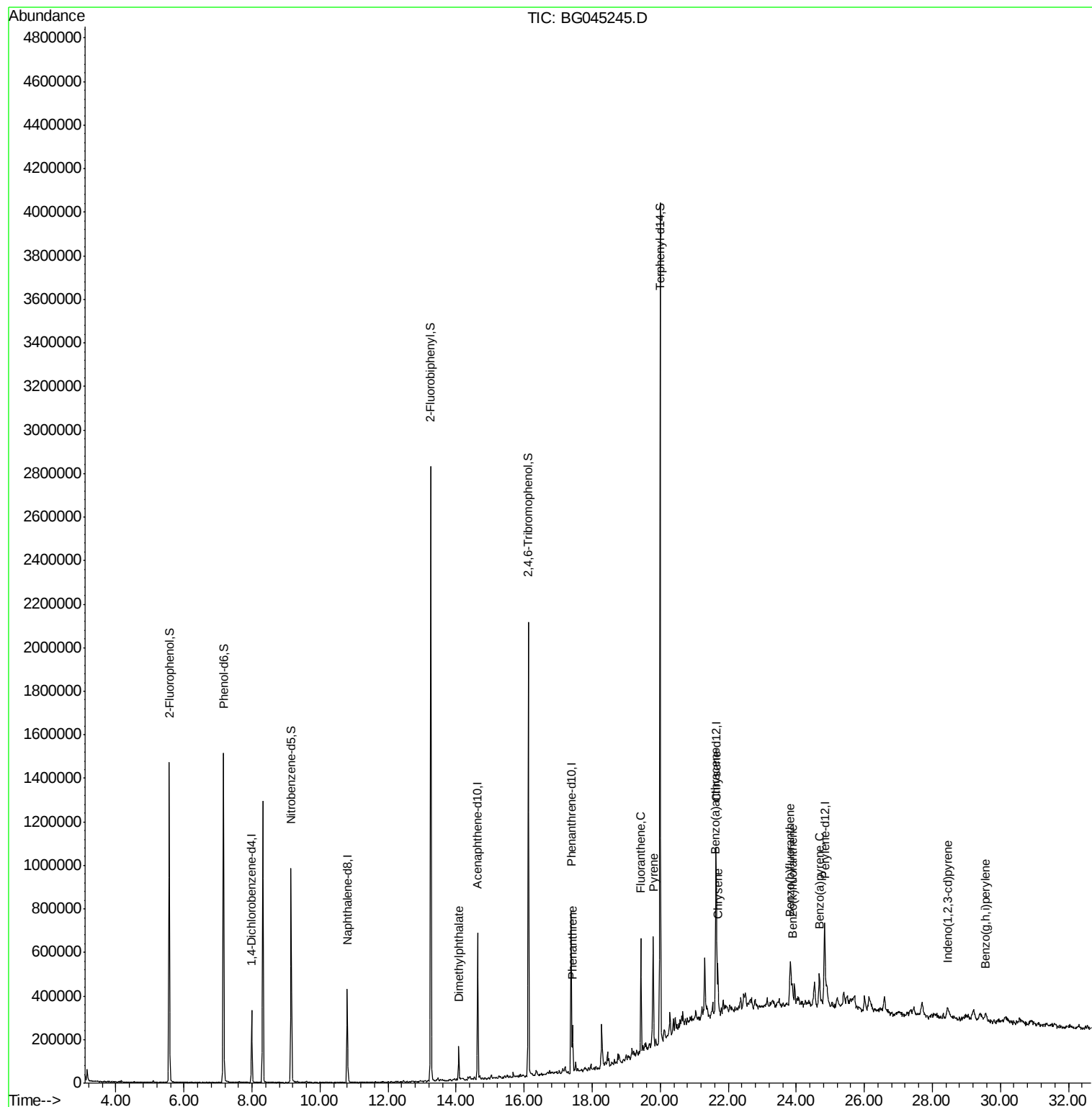
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
Data File : BG045245.D
Acq On : 4 May 2020 22:35
Operator : CG/JU
Sample : L2475-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

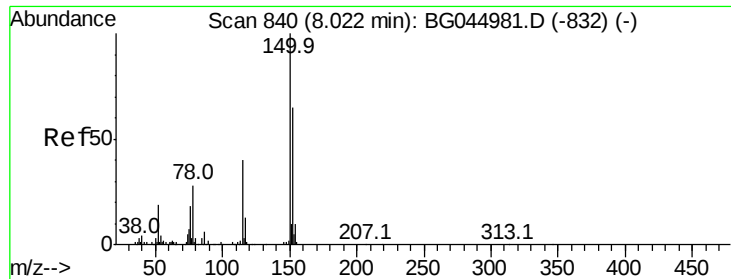
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-A

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Quant Time: May 05 04:35:40 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

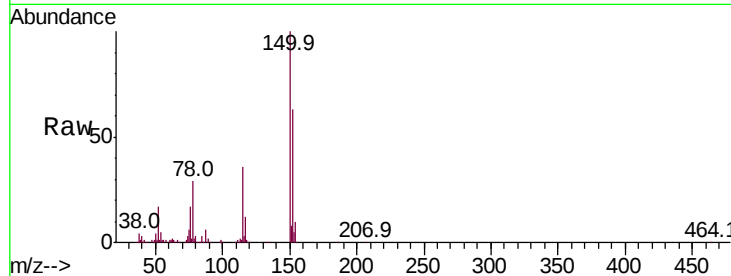
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045245.D
Acq: 4 May 2020 22:35

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.6	185.4
115	57.8	49.1	73.7

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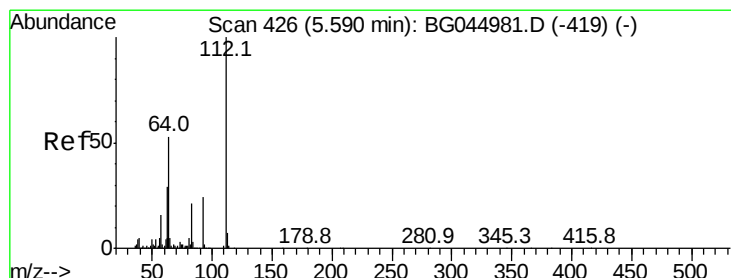
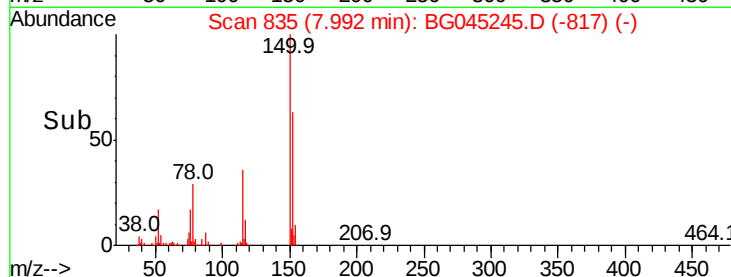
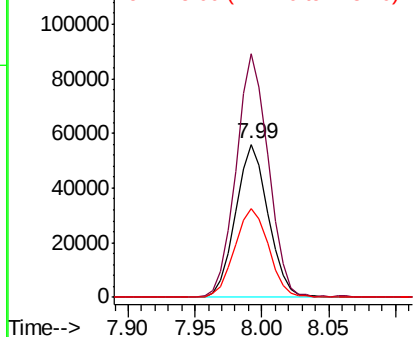


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

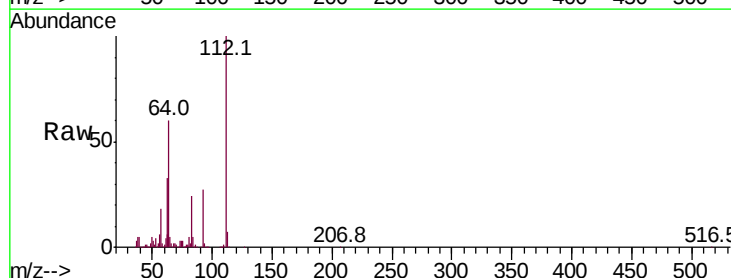
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.100 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG045245.D
Acq: 4 May 2020 22:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	42.4	63.6
63	32.7	23.1	34.7

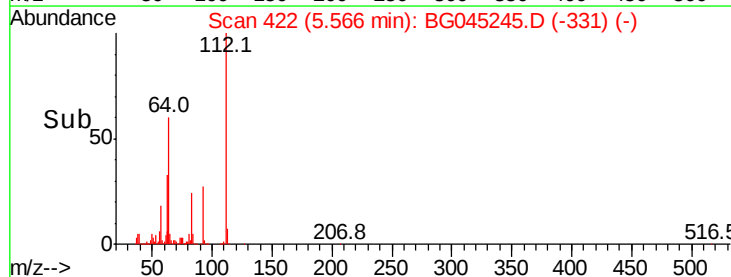
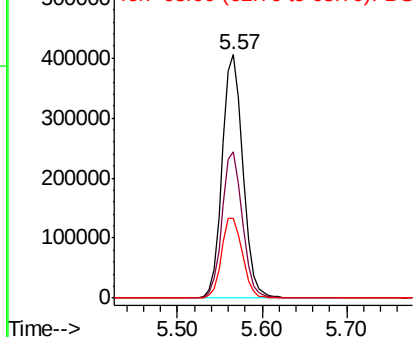


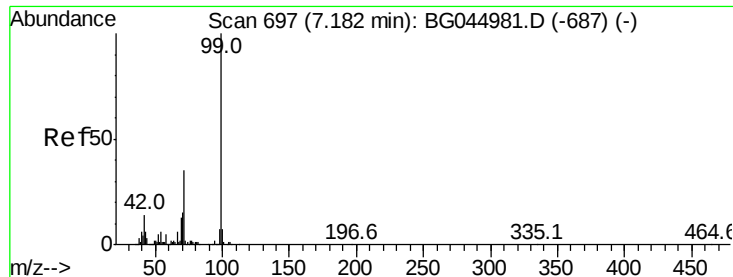
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 117.368 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG045245.D

Acq: 4 May 2020 22:35

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-A

Tot Ion: 99 Resp: 1000932

Ion Ratio Lower Upper

99 100

42 14.6 11.3 16.9

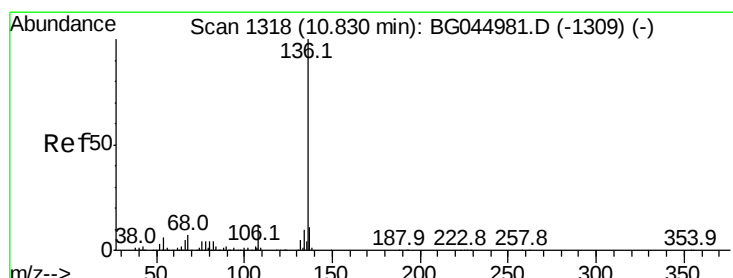
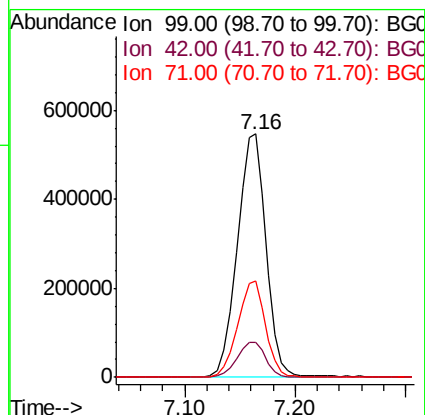
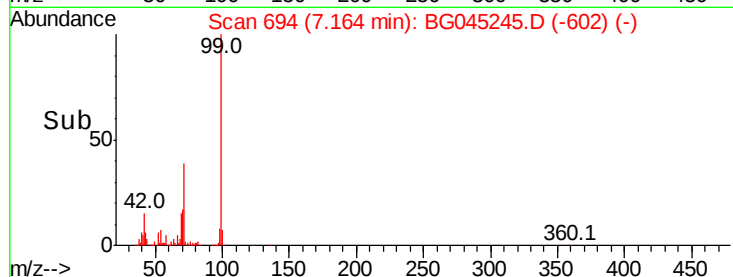
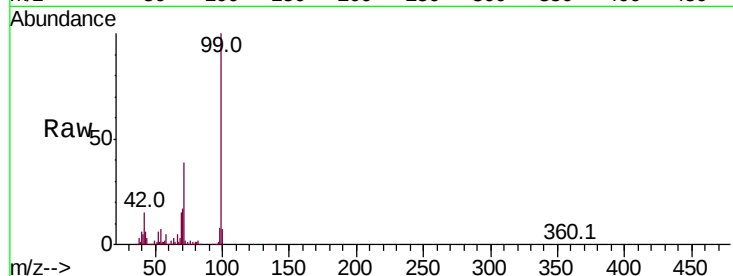
71 39.4 28.3 42.5

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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: BG045245.D

Acq: 4 May 2020 22:35

Tgt Ion: 136 Resp: 376147

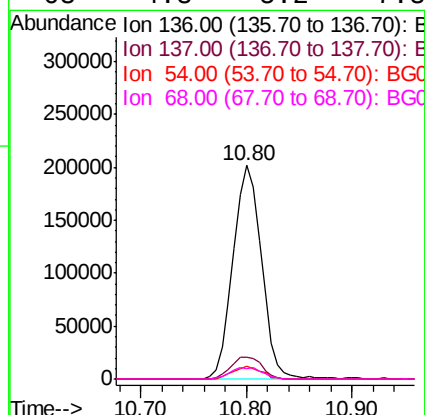
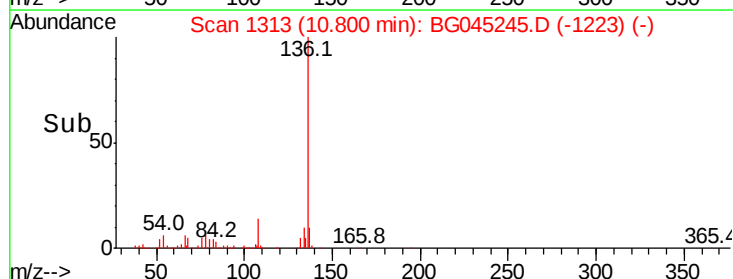
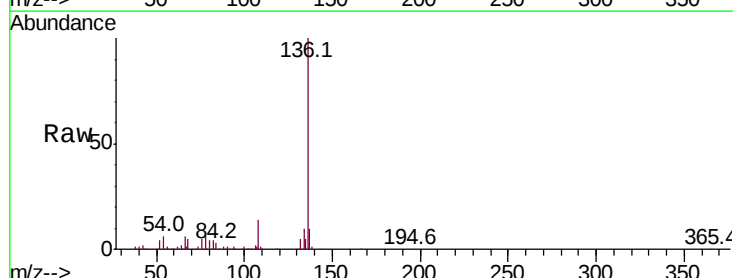
Ion Ratio Lower Upper

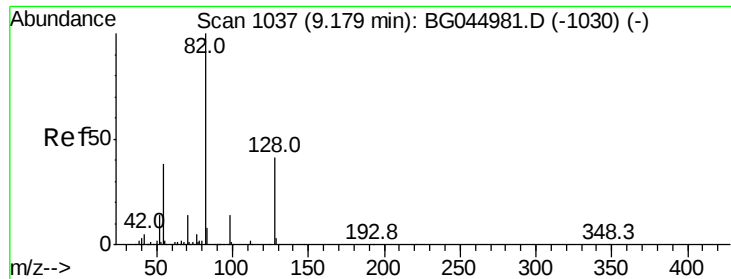
136 100

137 10.3 8.6 13.0

54 6.0 4.8 7.2

68 4.8 5.2 7.8#





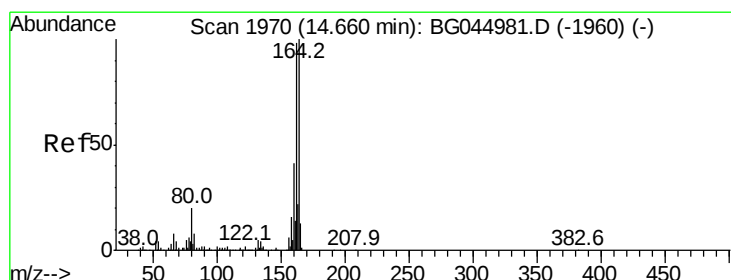
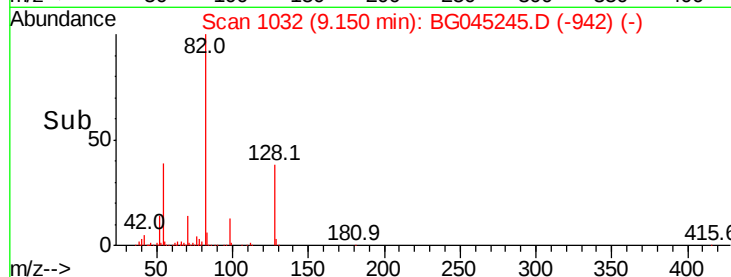
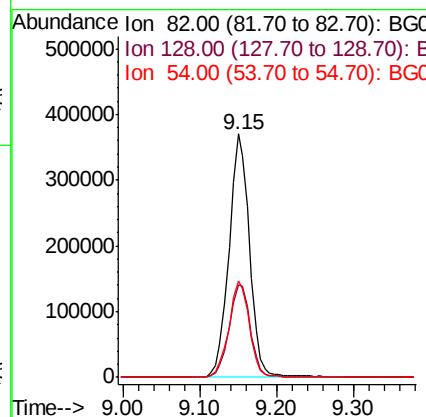
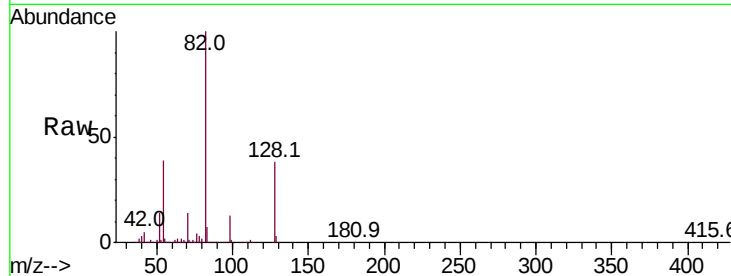
#23
 Nitrobenzene-d5
 Concen: 83.248 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045245.D
 Acq: 4 May 2020 22:35

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

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	38.1	33.0	49.4
54	39.5	30.4	45.6

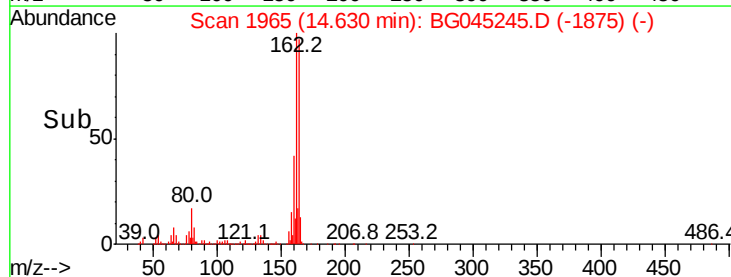
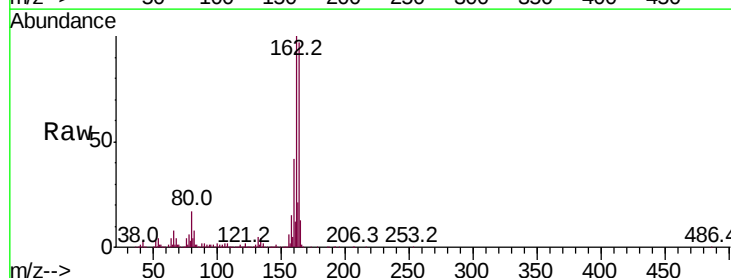
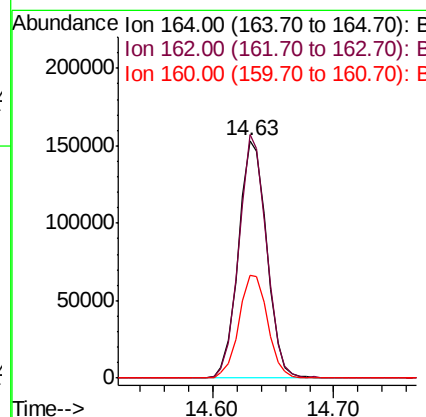
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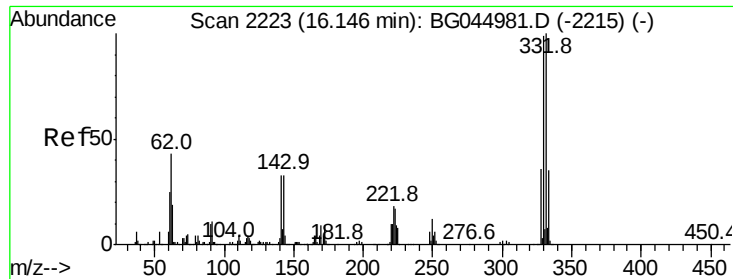
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BG045245.D
 Acq: 4 May 2020 22:35

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.6	78.7	118.1
160	43.3	32.8	49.2





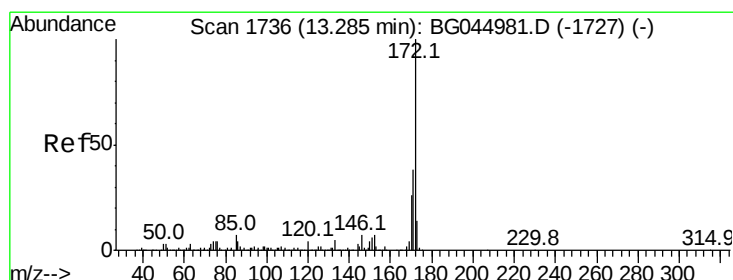
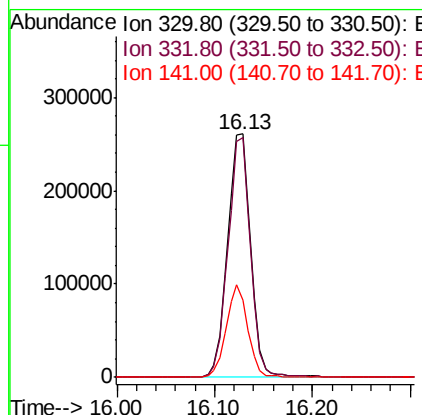
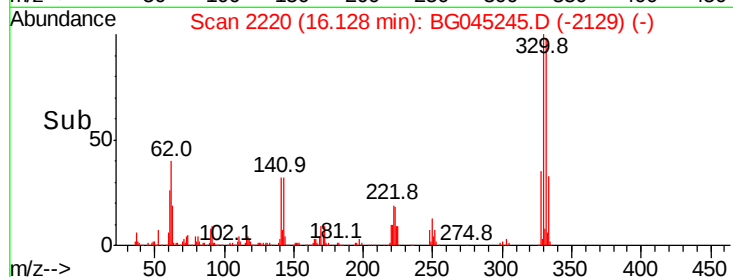
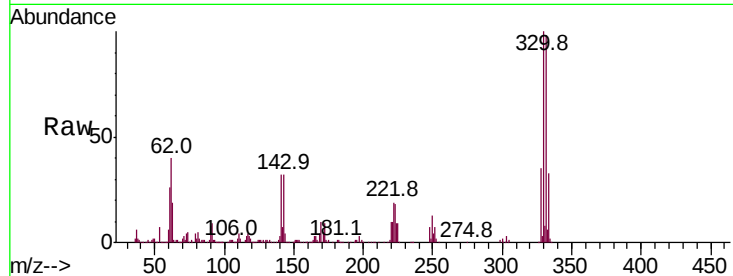
#42
 2,4,6-Tribromophenol
 Concen: 110.193 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: BG045245.D
 Acq: 4 May 2020 22:35

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.1	118.7
141	35.0	27.1	40.7

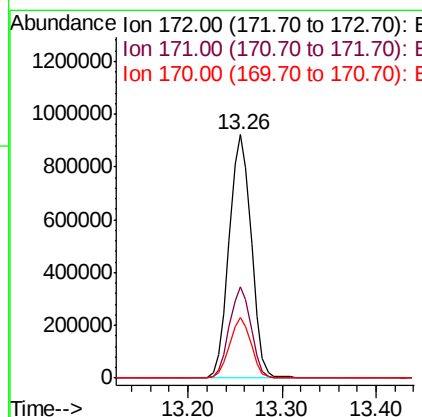
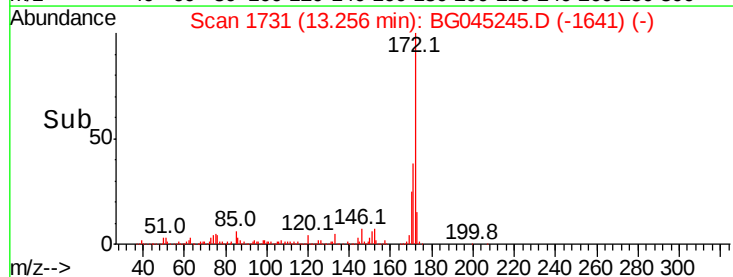
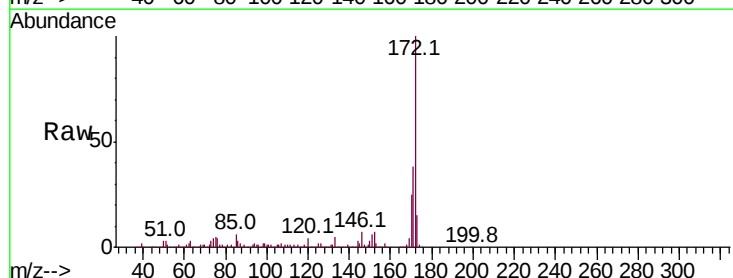
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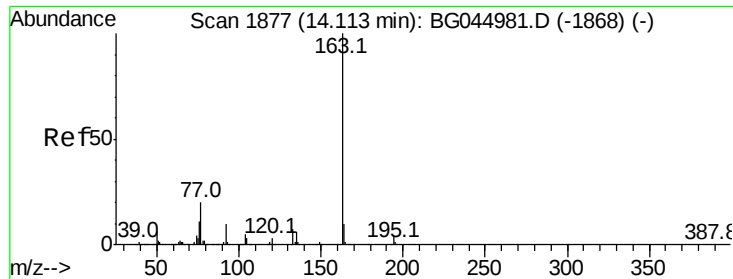
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#45
 2-Fluorobiphenyl
 Concen: 88.269 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG045245.D
 Acq: 4 May 2020 22:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.6	46.0
170	25.0	20.5	30.7





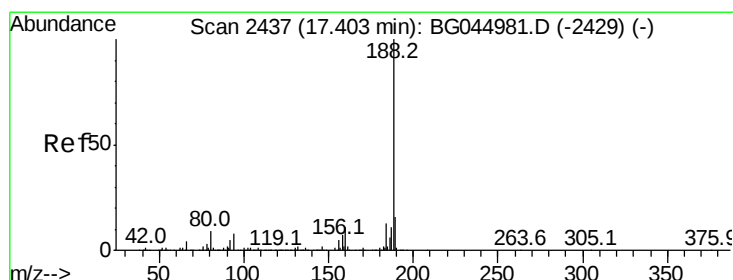
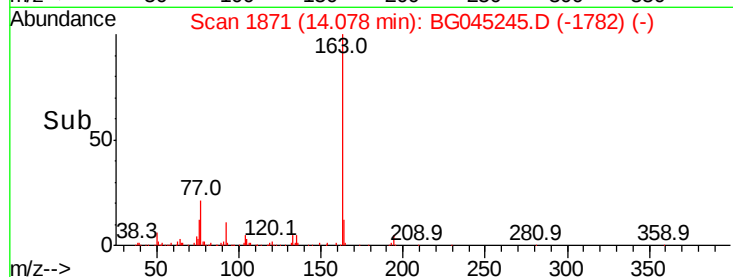
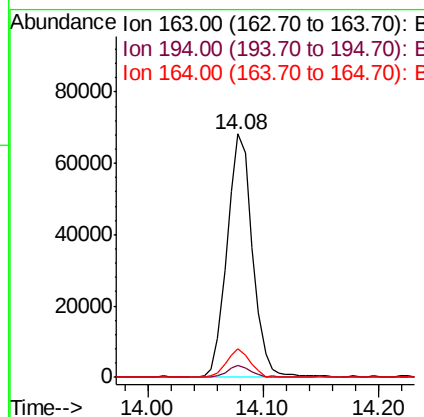
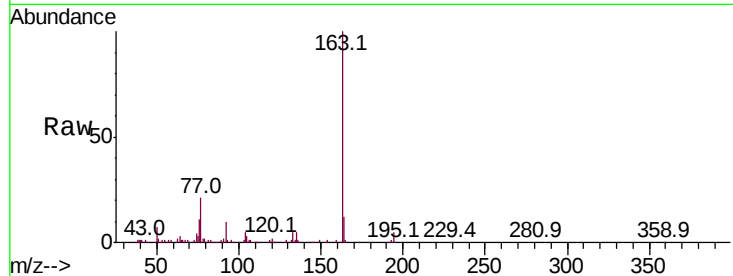
#50
Dimethylphthalate
Concen: 5.098 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045245.D
Acq: 4 May 2020 22:35

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

Tot Ion:	163	Resp:	104276
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	11.6	8.2	12.4

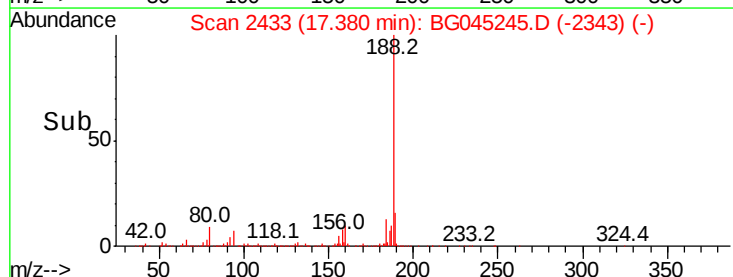
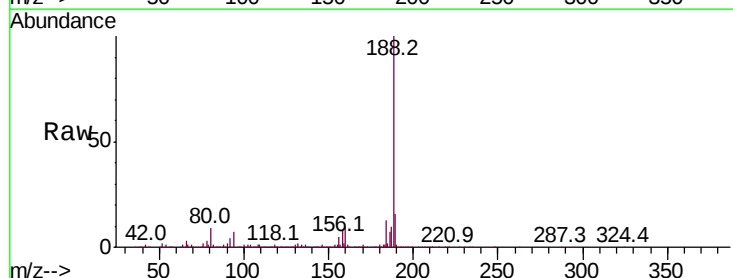
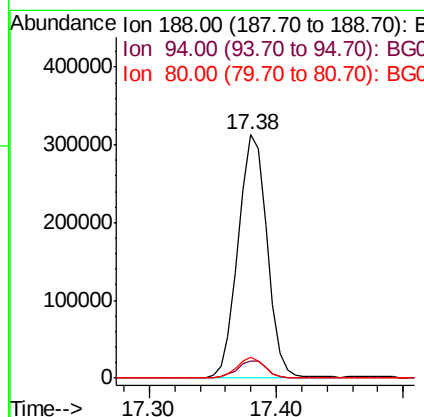
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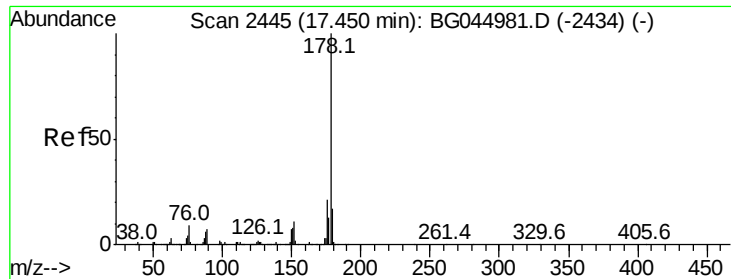
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045245.D
Acq: 4 May 2020 22:35

Tgt Ion:	188	Resp:	496395
Ion Ratio	Lower	Upper	
188	100		
94	7.2	6.2	9.4
80	8.6	7.0	10.6





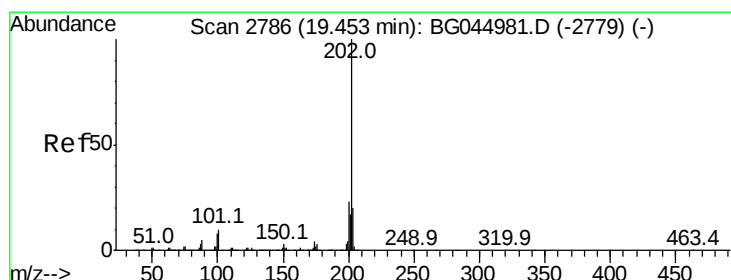
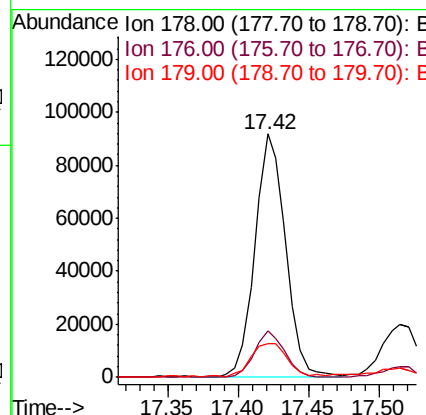
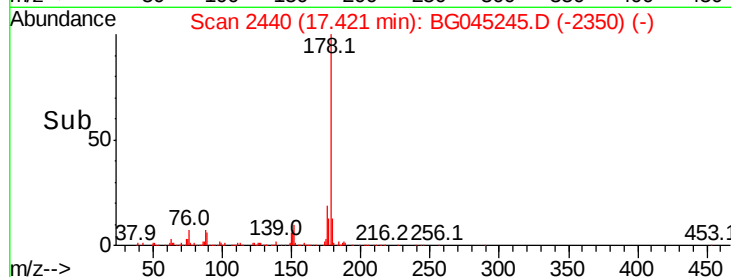
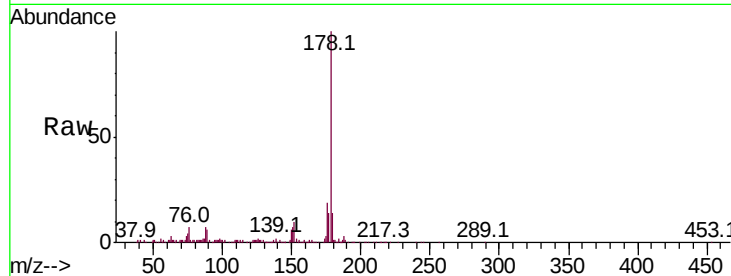
#71
Phenanthrene
Concen: 5.502 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG045245.D
Acq: 4 May 2020 22:35

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.8	25.2
179	13.9	13.2	19.8

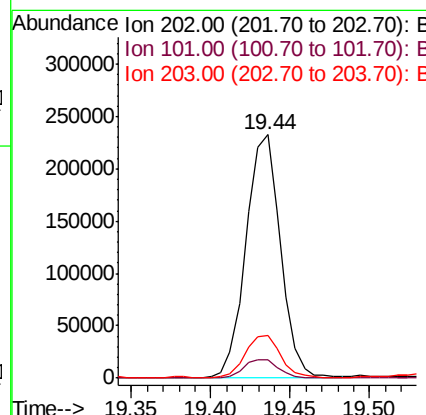
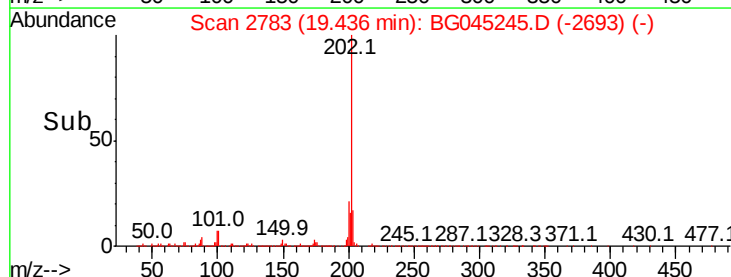
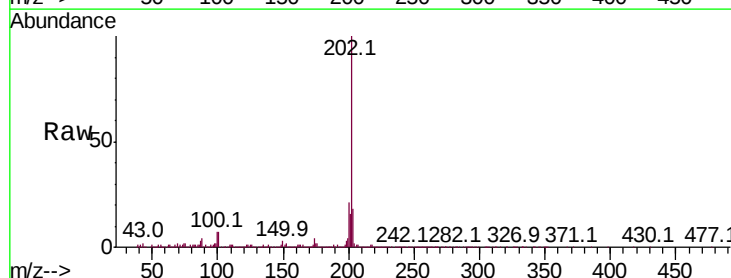
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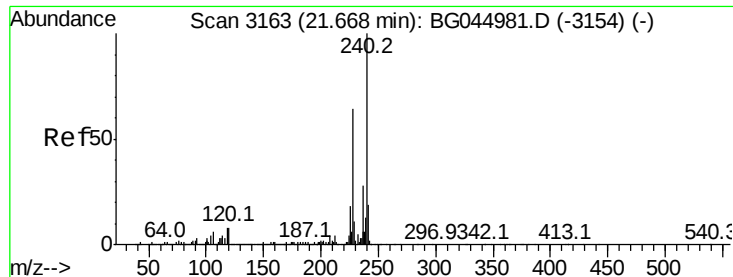
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#75
Fluoranthene
Concen: 6.359 ng
RT: 19.44 min Scan# 2783
Delta R.T. -0.00 min
Lab File: BG045245.D
Acq: 4 May 2020 22:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	29.6
203	17.5	0.0	39.7





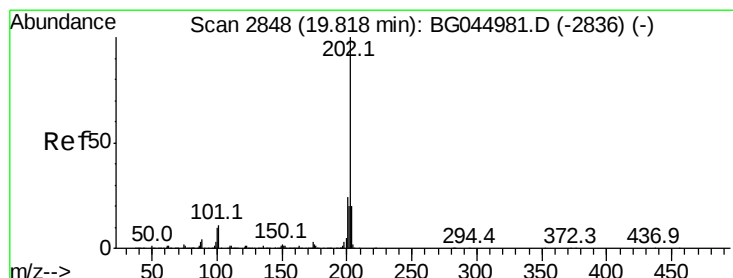
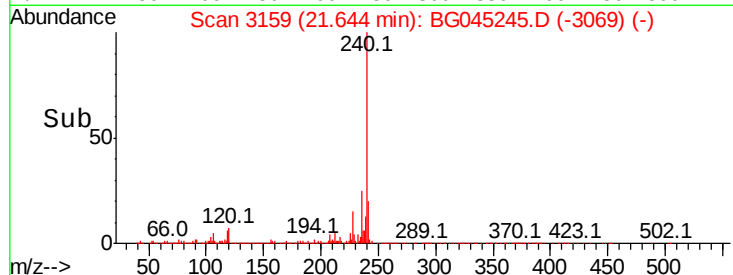
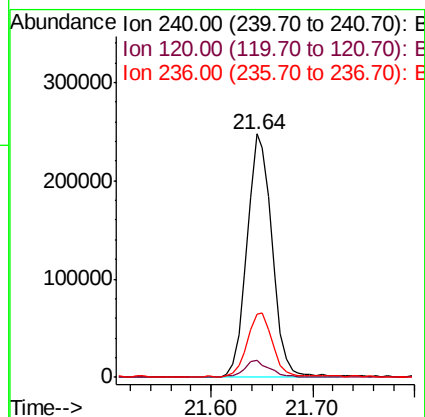
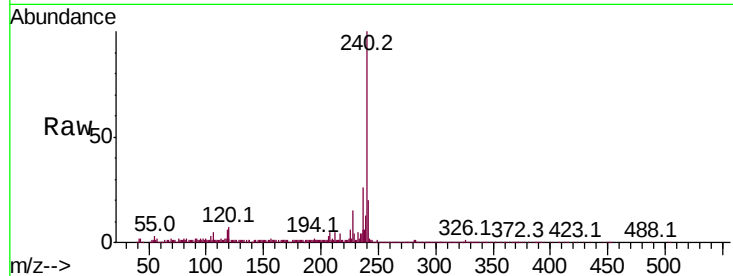
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG045245.D
Acq: 4 May 2020 22:35

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.6	10.0
236	25.8	22.2	33.2

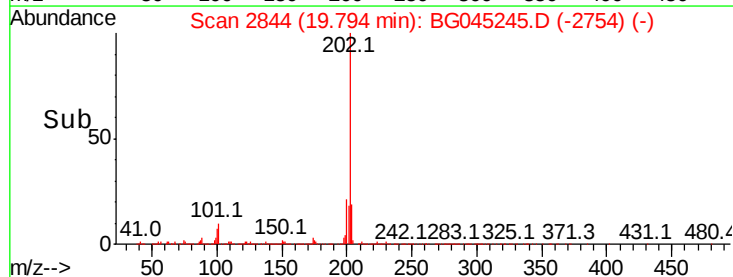
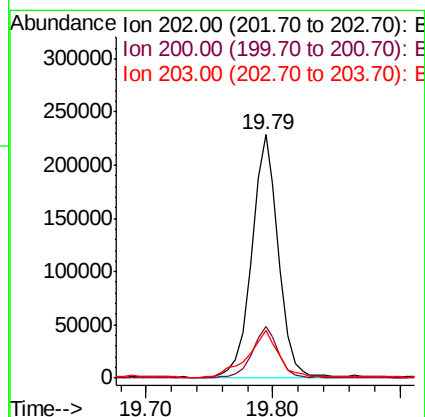
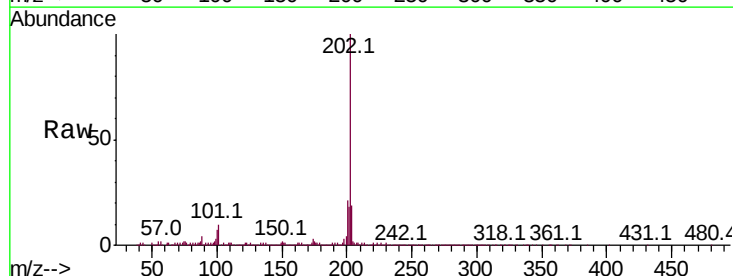
Manual Integrations
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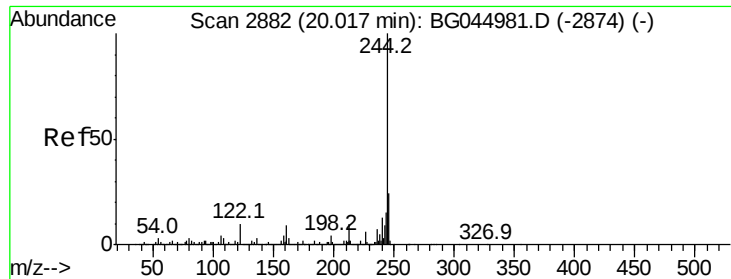
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#78
Pyrene
Concen: 11.382 ng
RT: 19.79 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG045245.D
Acq: 4 May 2020 22:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	19.0	28.6
203	19.5	16.1	24.1





#79

Terphenyl-d14

Concen: 96.581 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.01 min

Lab File: BG045245.D

Acq: 4 May 2020 22:35

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-A

Tot Ion:244 Resp: 1869351

Ion Ratio Lower Upper

244 100

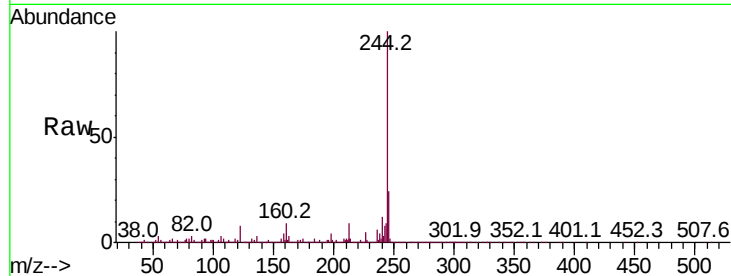
212 9.2 7.9 11.9

122 8.0 7.7 11.5

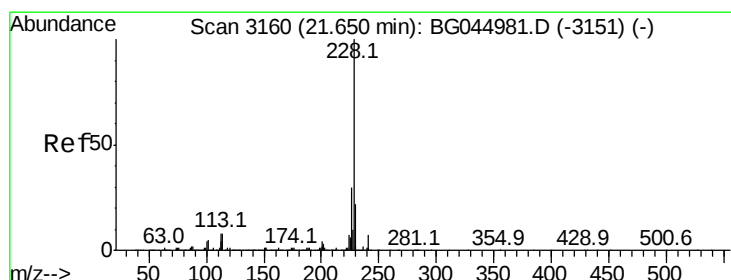
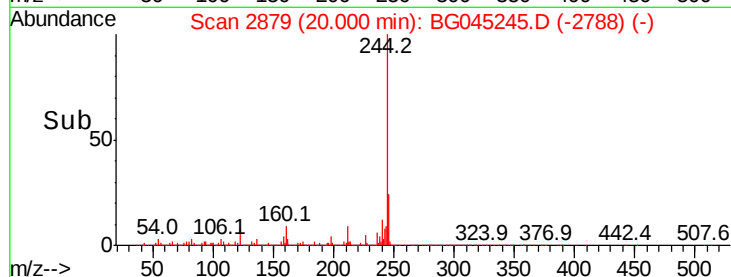
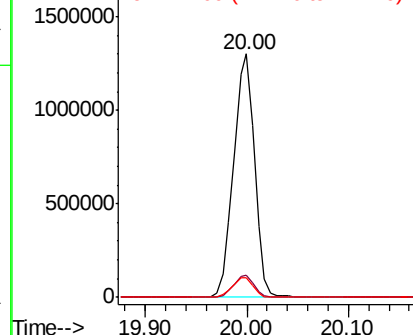
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 6.681 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045245.D

Acq: 4 May 2020 22:35

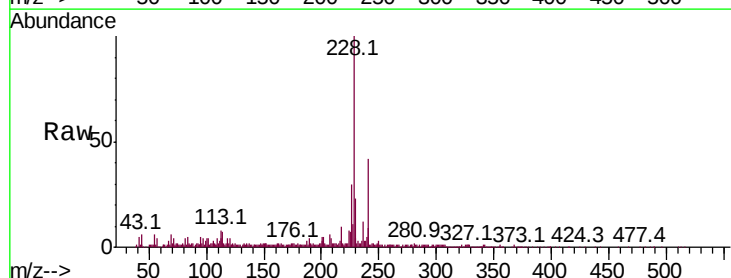
Tgt Ion:228 Resp: 182674

Ion Ratio Lower Upper

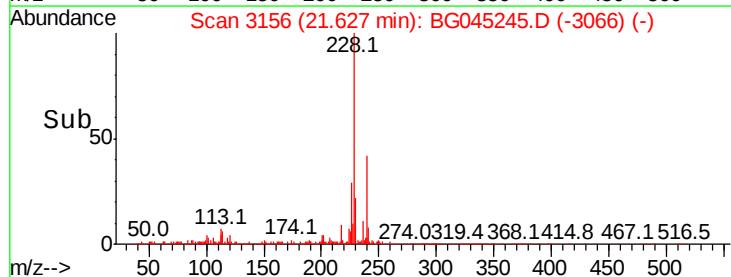
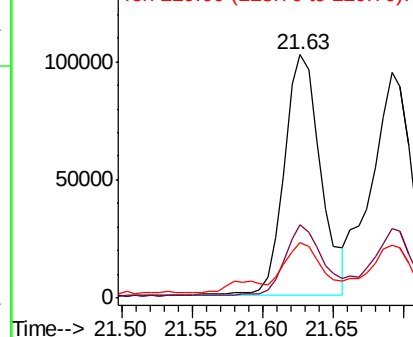
228 100

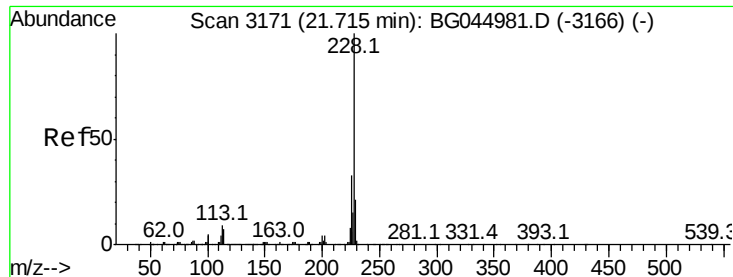
226 30.1 24.0 36.0

229 23.0 17.5 26.3



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





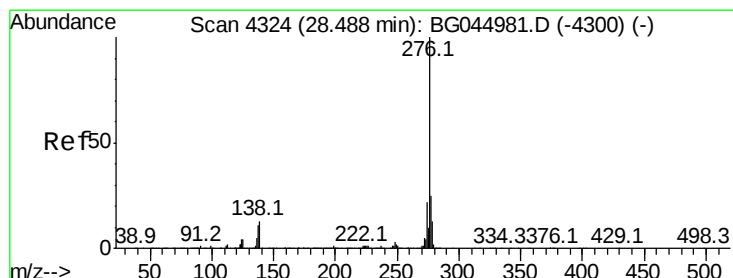
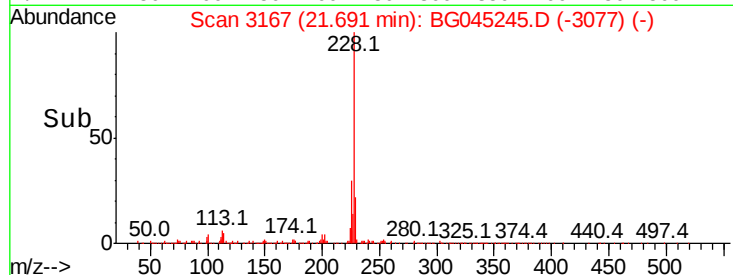
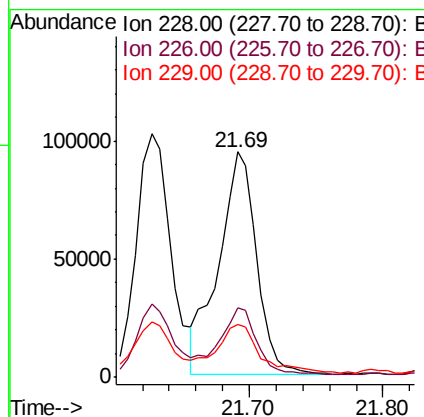
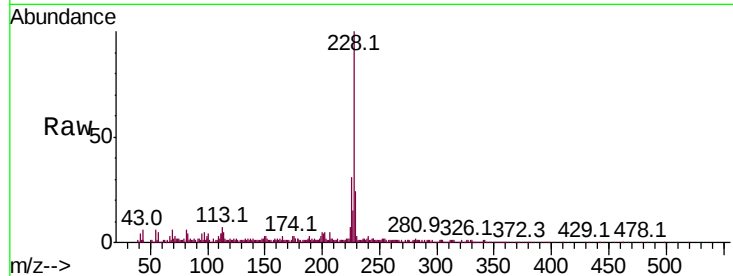
#83
Chrysene
Concen: 7.120 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG045245.D
Acq: 4 May 2020 22:35

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

Tot Ion	Ratio	Resp	Lower	Upper
228	100	187045		
226	31.1		26.2	39.4
229	23.6		17.0	25.6

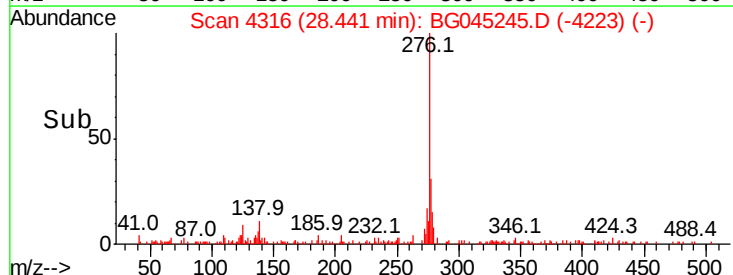
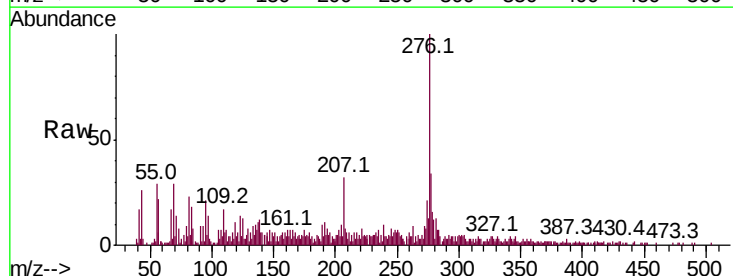
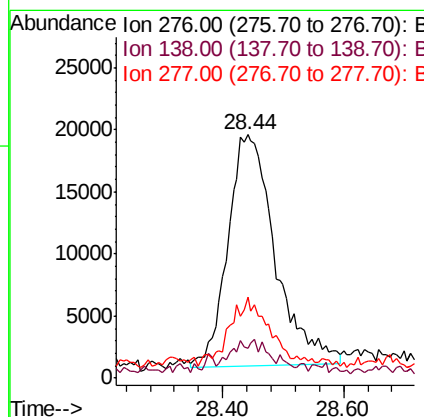
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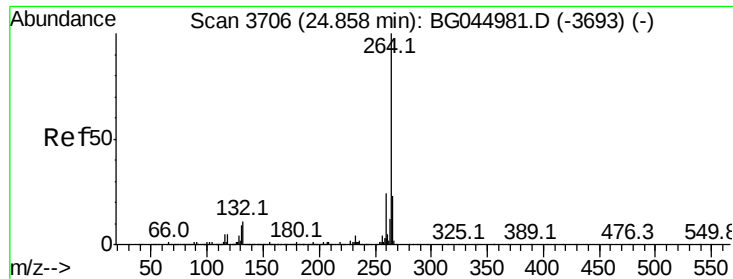
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.903 ng
RT: 28.44 min Scan# 4316
Delta R.T. 0.02 min
Lab File: BG045245.D
Acq: 4 May 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	101256		
138	2.8		9.6	14.4#
277	24.3		20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3702

Delta R.T. 0.01 min

Lab File: BG045245.D

Acq: 4 May 2020 22:35

Instrument :

BNA_G

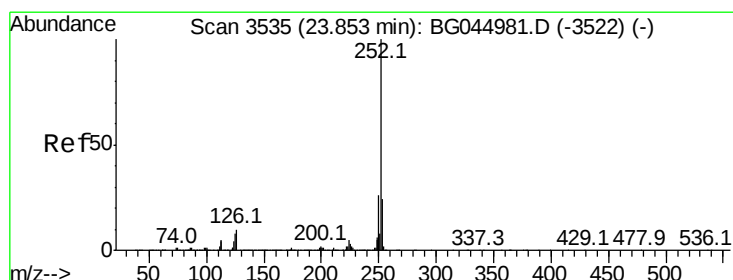
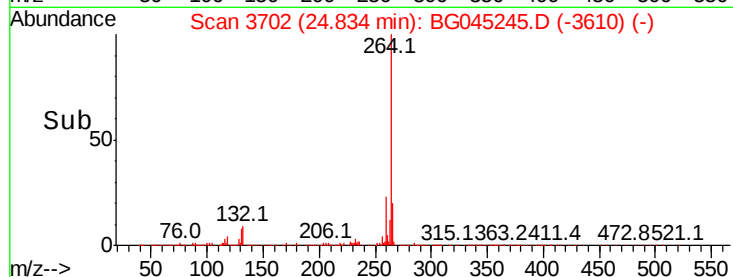
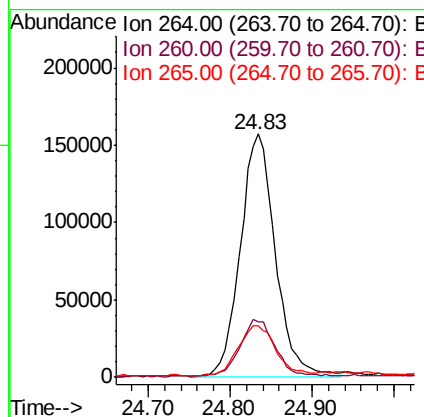
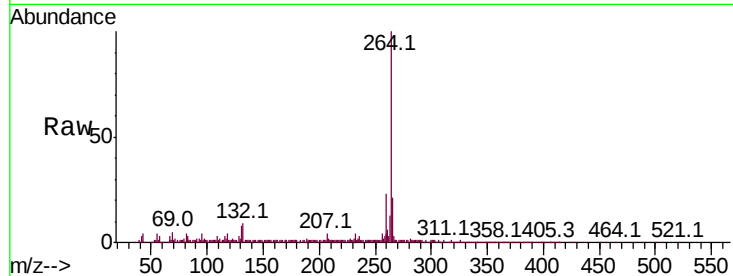
ClientSampleId :

FK-SF-03-009-A

Tot Ion:	264	Resp:	466540
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.2	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 9.259 ng

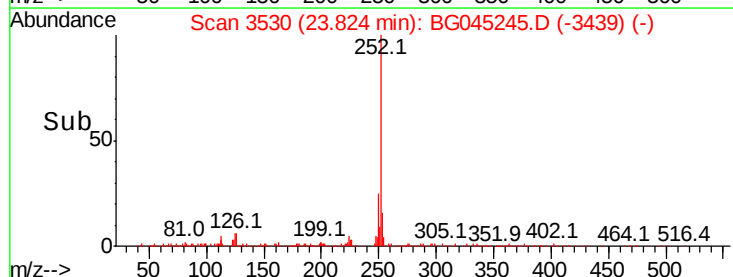
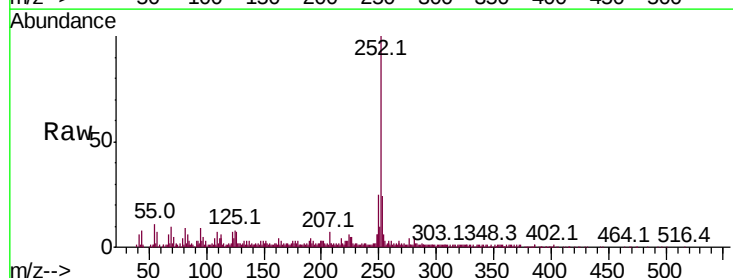
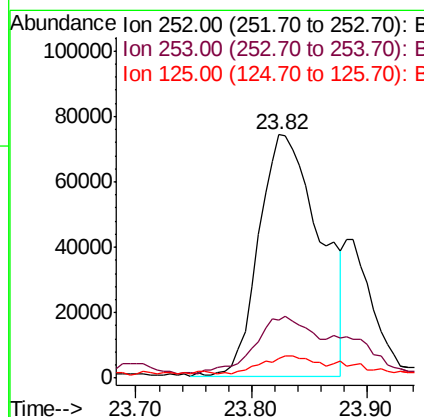
RT: 23.82 min Scan# 3530

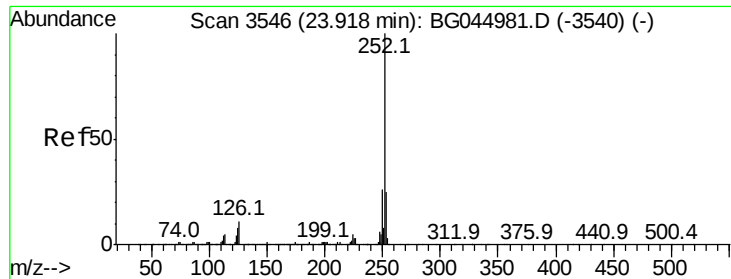
Delta R.T. 0.01 min

Lab File: BG045245.D

Acq: 4 May 2020 22:35

Tgt Ion:	252	Resp:	270587
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.8	28.2
125	8.0	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 2.608 ng/mL

RT: 23.89 min Scan# 3541

Delta R.T. 0.01 min

Lab File: BG045245.D

Acq: 4 May 2020 22:35

Instrument :

BNA_G

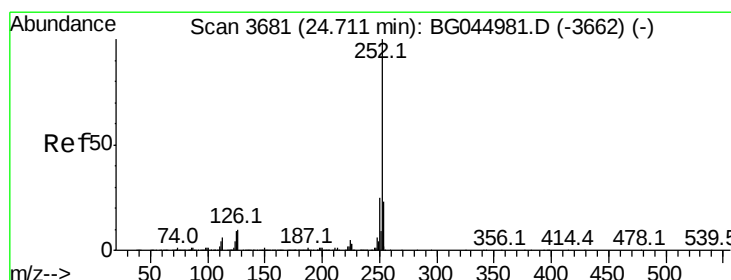
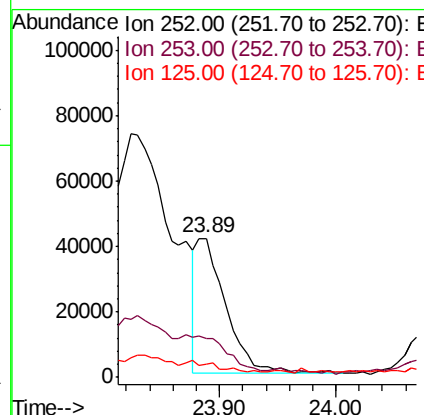
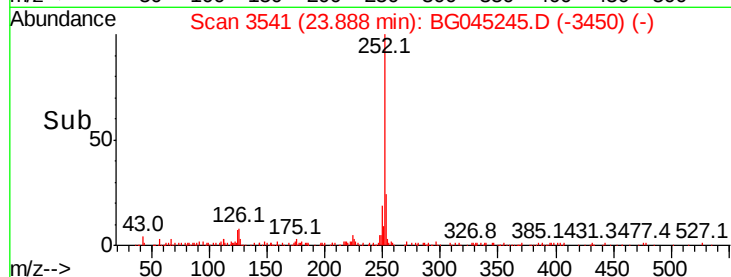
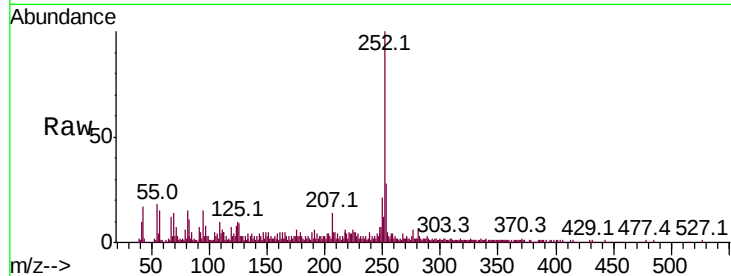
ClientSampleId :

FK-SF-03-009-A

Tot Ion:	252	Resp:	72481
Ion Ratio	Lower	Upper	
252	100		
253	28.1	19.2	28.8
125	9.6	5.9	8.9

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#90

Benzo(a)pyrene

Concen: 6.204 ng/mL

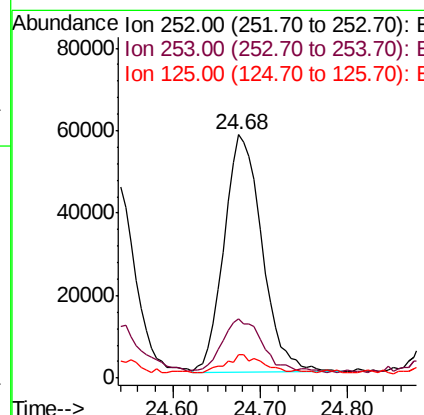
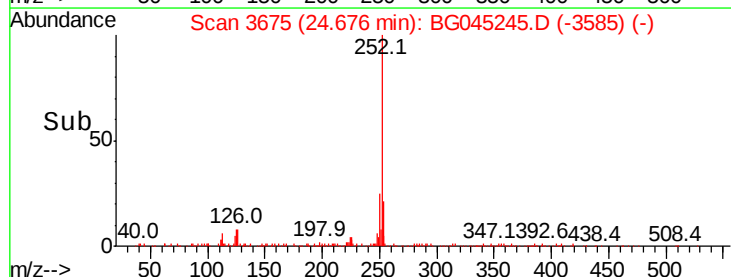
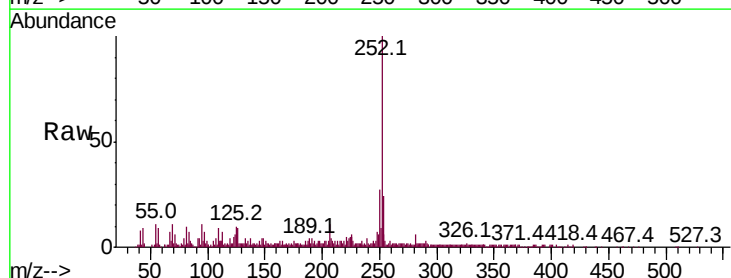
RT: 24.68 min Scan# 3675

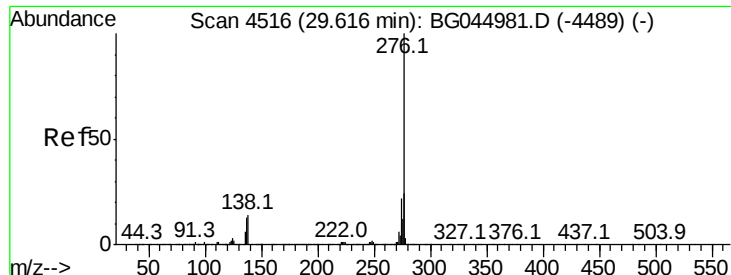
Delta R.T. -0.00 min

Lab File: BG045245.D

Acq: 4 May 2020 22:35

Tgt Ion:	252	Resp:	171190
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.3	27.5
125	9.7	7.0	10.6





#92
 Benzo(a,h,i)perylene
 Concen: 3.105 ng
 RT: 29.56 min Scan# 4506
 Delta R.T. 0.01 min
 Lab File: BG045245.D
 Acq: 4 May 2020 22:35

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.3	28.9
138	12.3	11.4	17.2

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