

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041049.D
 Acq On : 4 Jun 2019 00:29
 Operator : HP/JU
 Sample : K3052-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-007-B

Manual Integrations
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mohammad
 6/5/2019 8:35:35 AM

Quant Time: Jun 04 10:01:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	72278	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	273659	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	166338	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	375726	20.00	ng	0.00
76) Chrysene-d12	21.79	240	389920	20.00	ng	0.00
87) Perylene-d12	25.15	264	319834	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	85346	21.29	ng	0.00
7) Phenol-d6	7.27	99	239987	38.77	ng	0.00
23) Nitrobenzene-d5	9.30	82	181799	29.49	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	25755	10.43	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	360881	31.24	ng	-0.01
79) Terphenyl-d14	20.09	244	520628	28.34	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.20	163	29501	2.095	ng	96
71) Phenanthrene	17.54	178	205115	10.481	ng	99
72) Anthracene	17.63	178	48960	2.536	ng	94
75) Fluoranthene	19.54	202	278750	11.531	ng	98
78) Pyrene	19.91	202	262450	10.354	ng	97
81) Benzo(a)anthracene	21.76	228	131458m	5.065	ng	
83) Chrysene	21.83	228	144705	5.826	ng	# 93
88) Benzo(b)fluoranthene	24.08	252	127166	6.555	ng	# 45
90) Benzo(a)pyrene	24.98	252	91821	4.961	ng	# 65

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

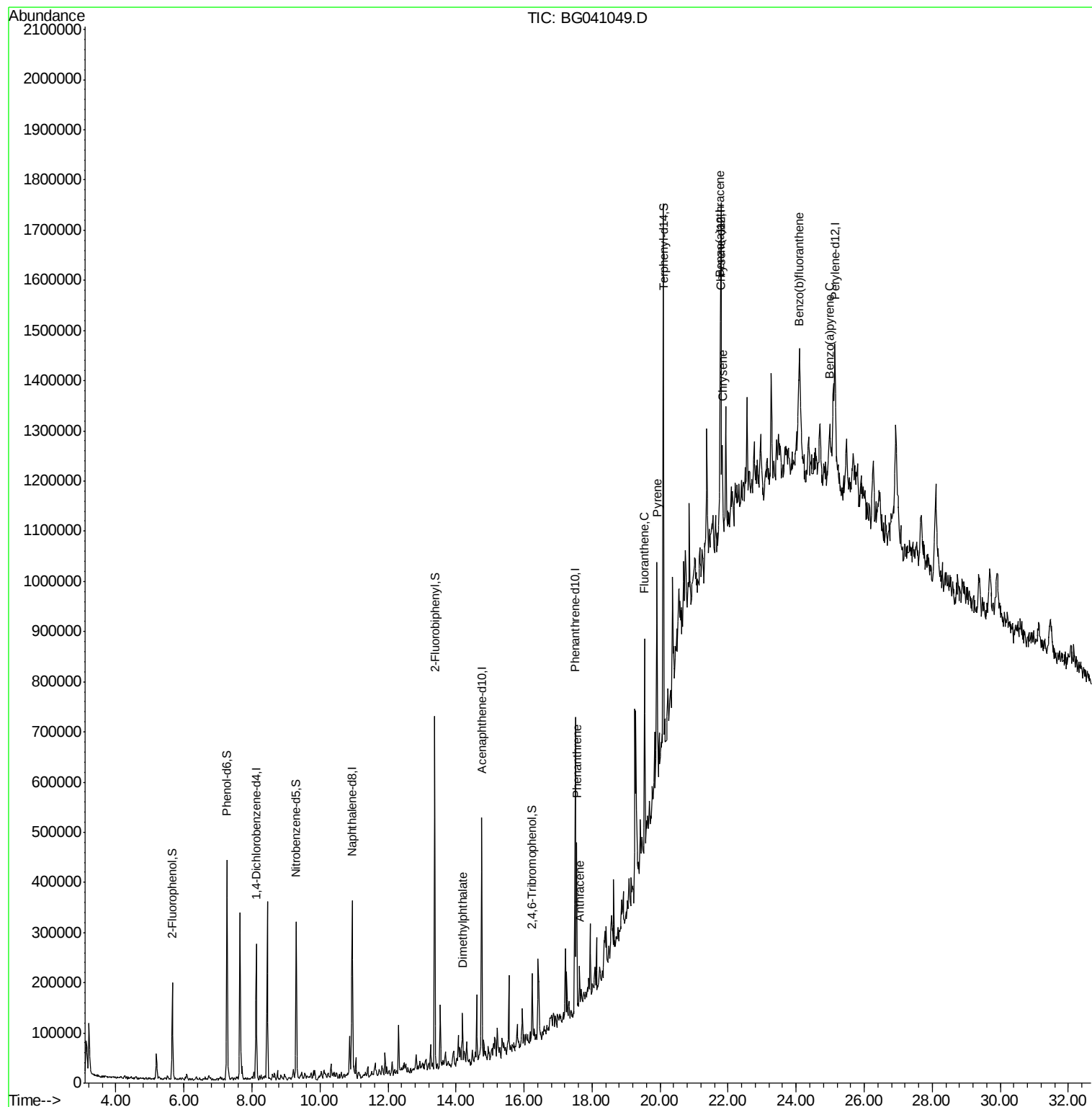
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041049.D
Acq On : 4 Jun 2019 00:29
Operator : HP/JU
Sample : K3052-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

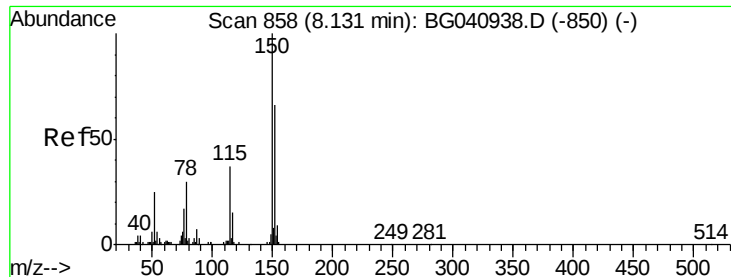
Instrument :
BNA_G
ClientSampleId :
FK-SF-03-007-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Instrument :

BNA_G

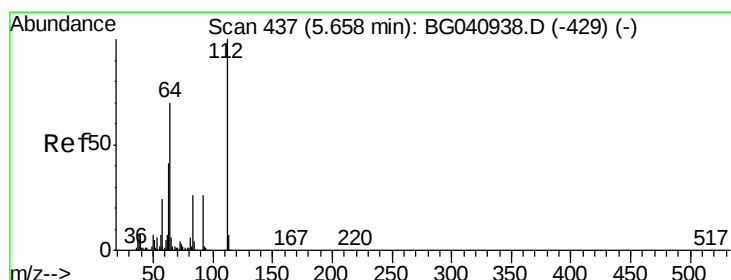
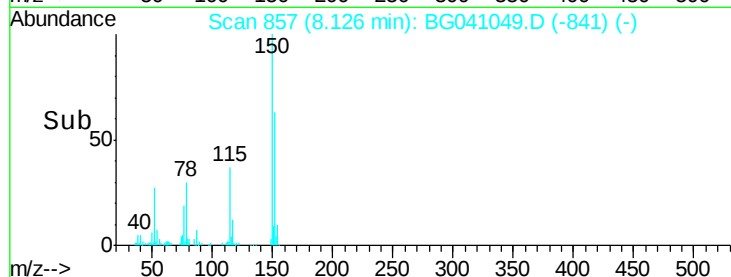
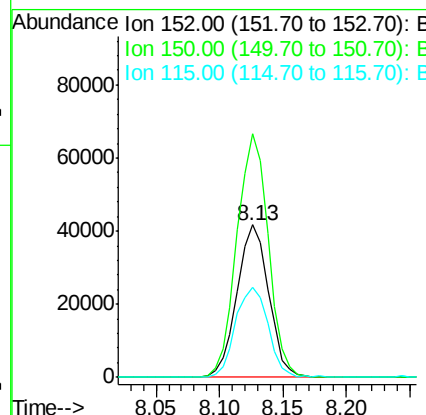
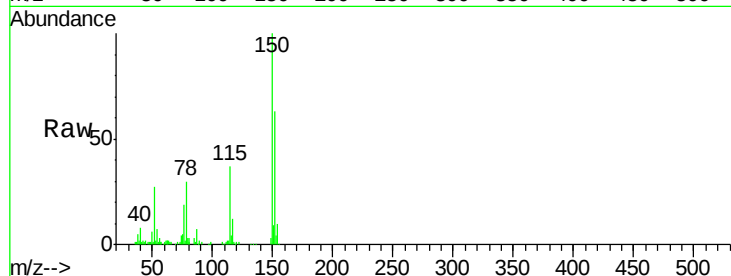
ClientSampleId :

FK-SF-03-007-B

Tot Ion:	152	Resp:	72278
Ion	Ratio	Lower	Upper
152	100		
150	159.8	120.6	180.8
115	59.4	45.1	67.7

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#5

2-Fluorophenol

Concen: 21.292 ng

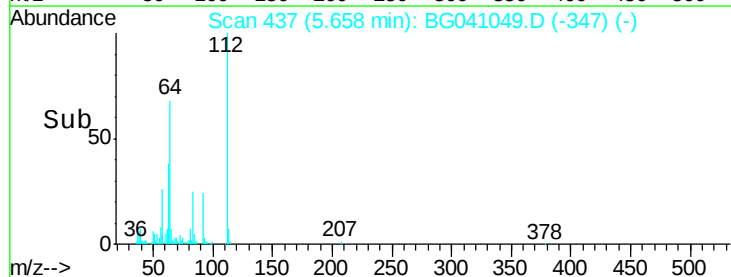
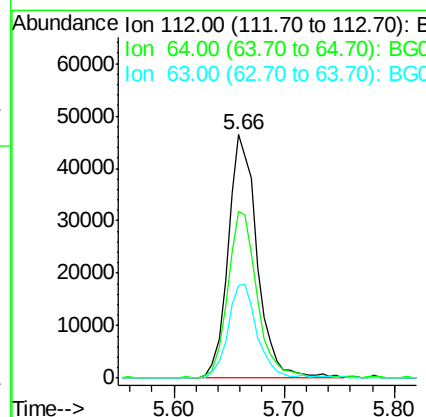
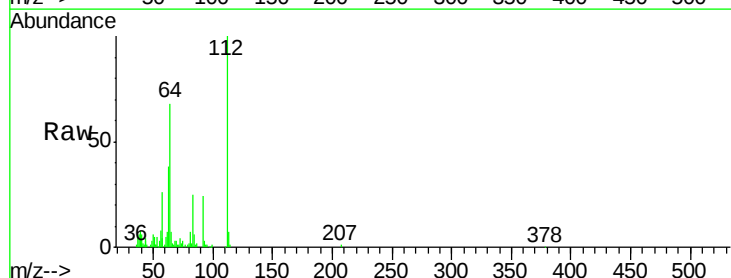
RT: 5.66 min Scan# 437

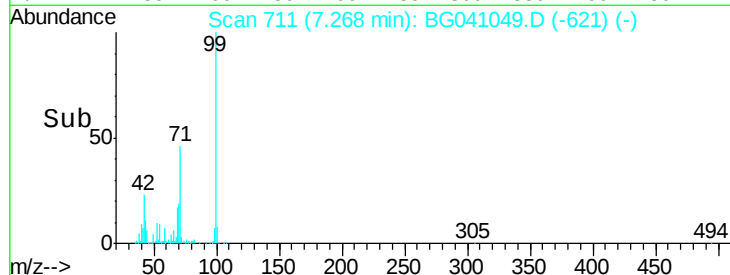
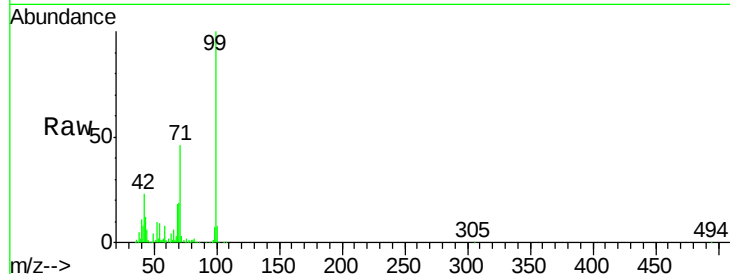
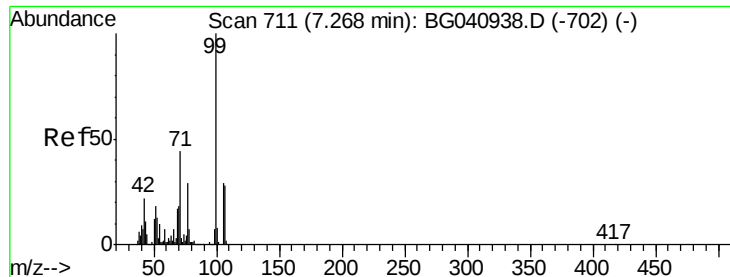
Delta R.T. 0.00 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Tgt Ion:	112	Resp:	85346
Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.2	84.2
63	37.9	32.8	49.2





#7

Phenol-d6

Concen: 38.768 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		239987		
42	22.7	17.9	26.9		
71	45.8	35.4	53.0		

Instrument :

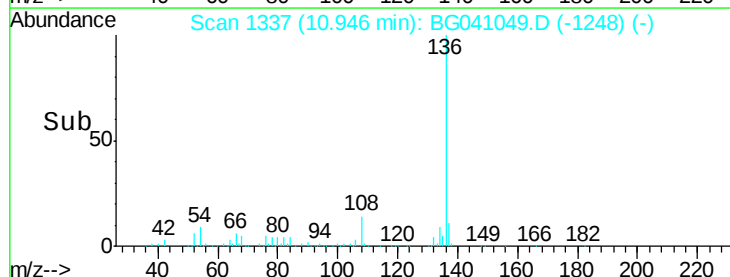
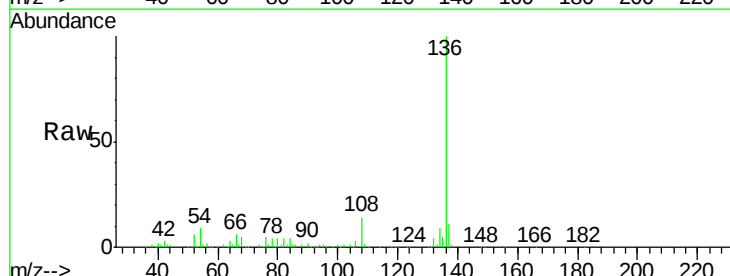
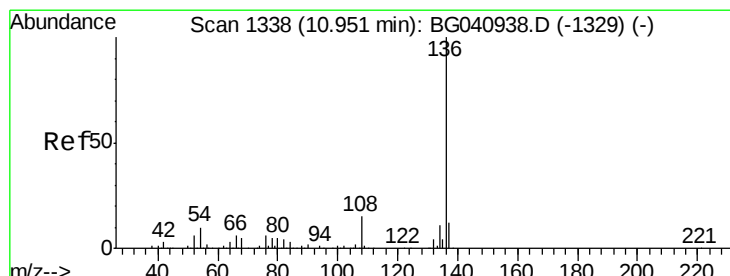
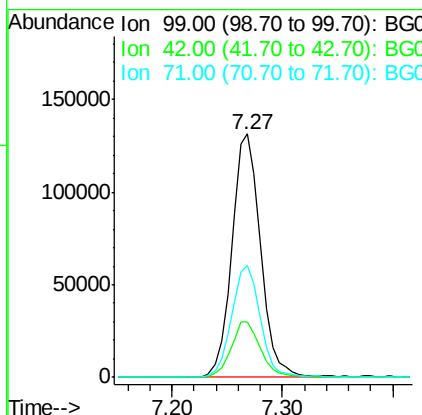
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#21

Naphthalene-d8

Concen: 20.000 ng

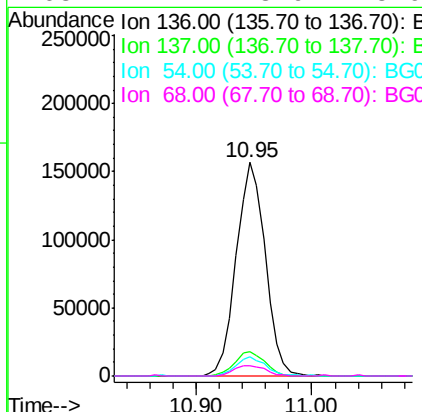
RT: 10.95 min Scan# 1337

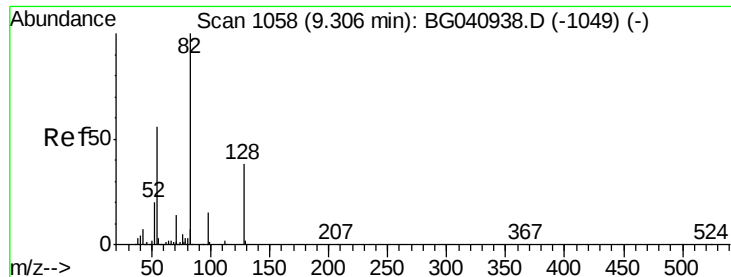
Delta R.T. -0.01 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		273659		
137	11.2	9.5	14.3		
54	9.0	7.6	11.4		
68	4.7	3.9	5.9		





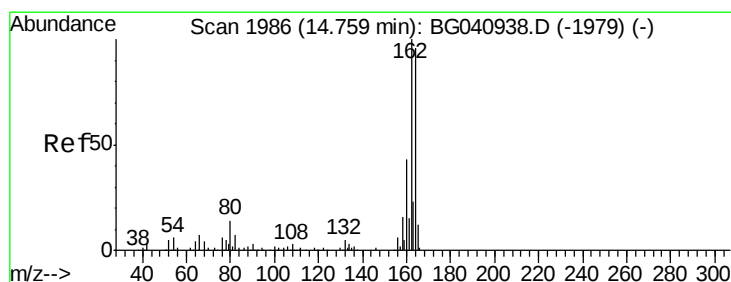
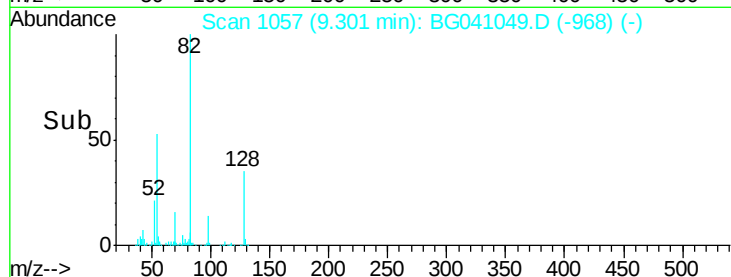
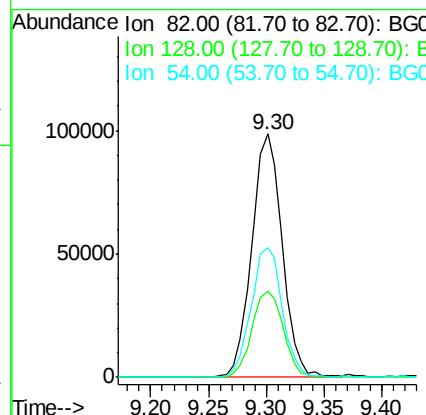
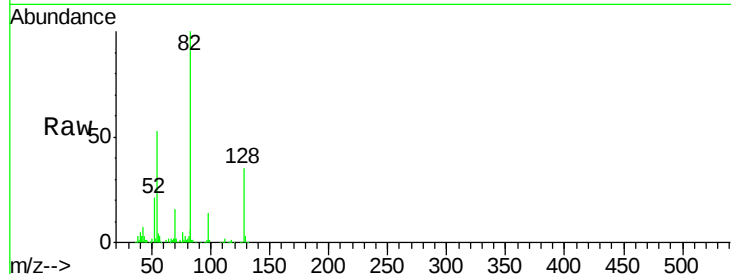
#23
Nitrobenzene-d5
Concen: 29.492 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041049.D
Acq: 4 Jun 2019 00:29

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-007-B

Tot Ion	82	Resp	181799
Ion Ratio	Lower	Upper	
82	100		
128	35.4	30.5	45.7
54	53.5	44.6	66.8

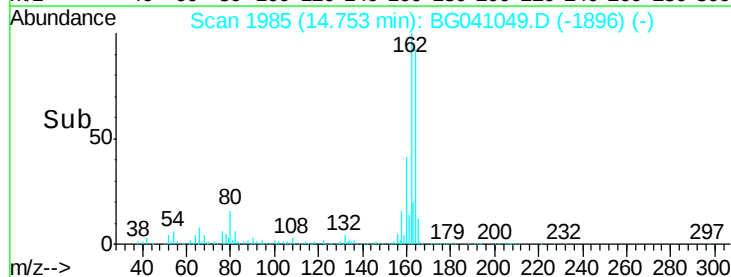
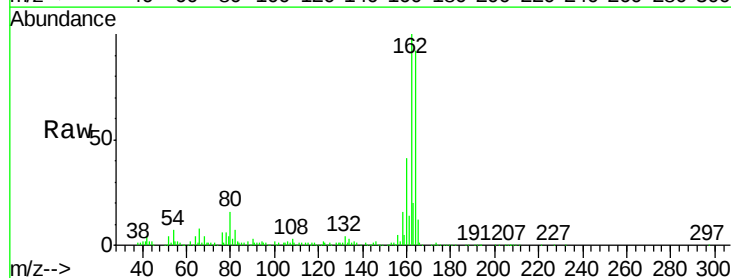
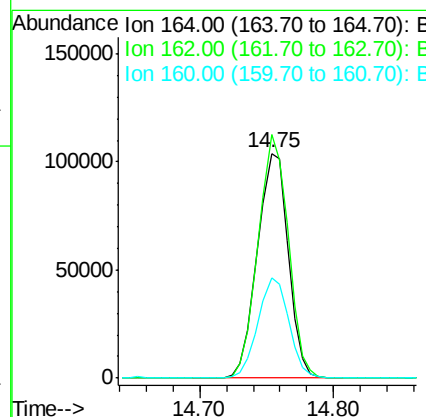
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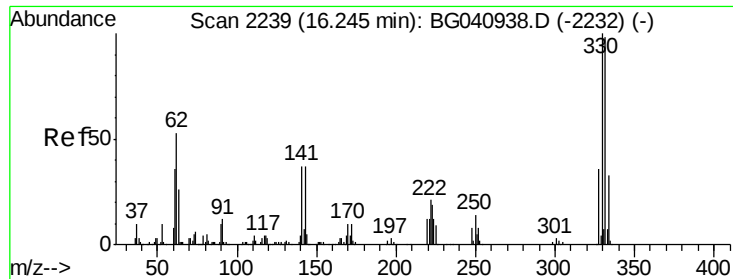
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041049.D
Acq: 4 Jun 2019 00:29

Tgt Ion	164	Resp	166338
Ion Ratio	Lower	Upper	
164	100		
162	108.4	83.0	124.4
160	44.7	35.6	53.4





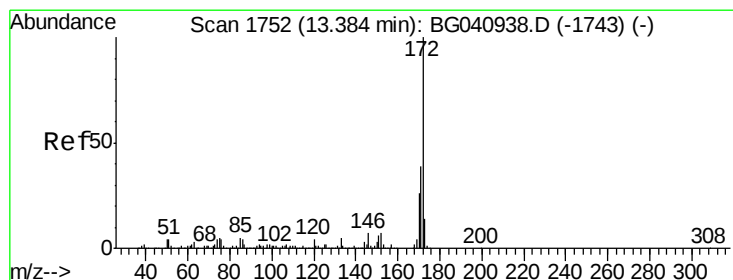
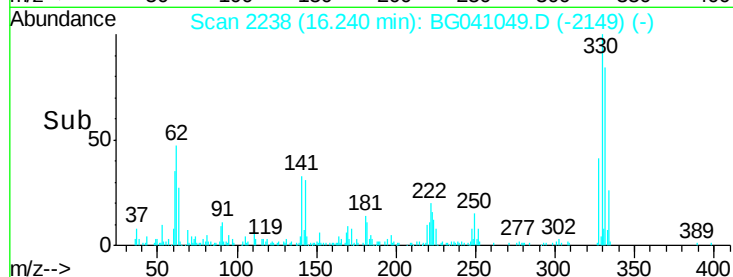
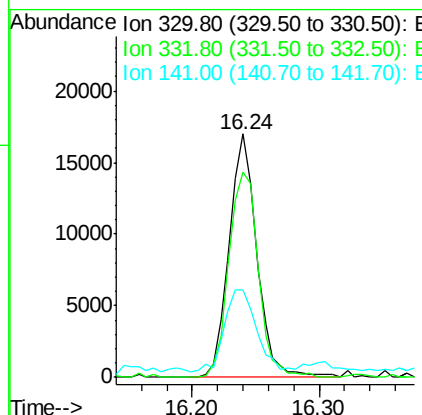
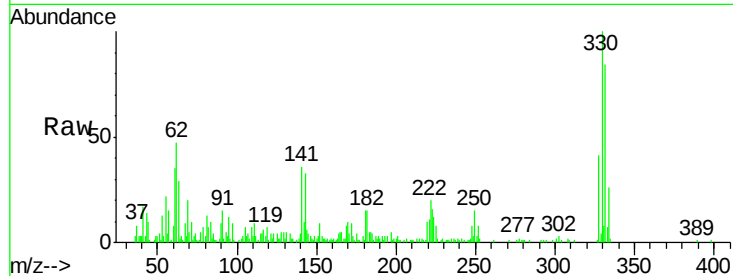
#42
 2,4,6-Tribromophenol
 Concen: 10.430 ng
 RT: 16.24 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG041049.D
 Acq: 4 Jun 2019 00:29

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-007-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	89.6	78.5	117.7
141	38.5	28.7	43.1

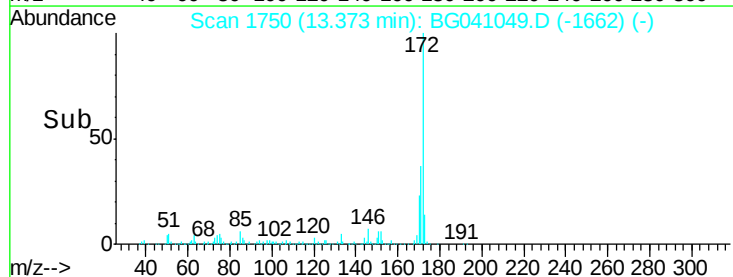
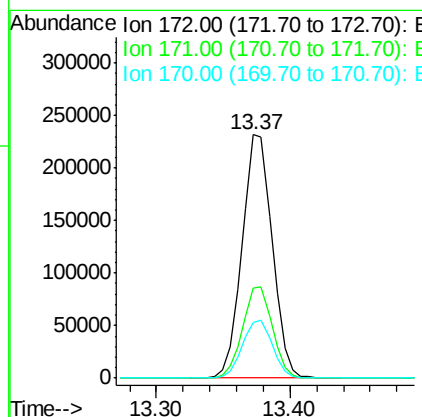
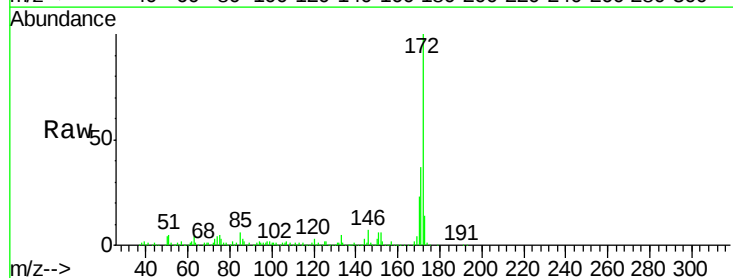
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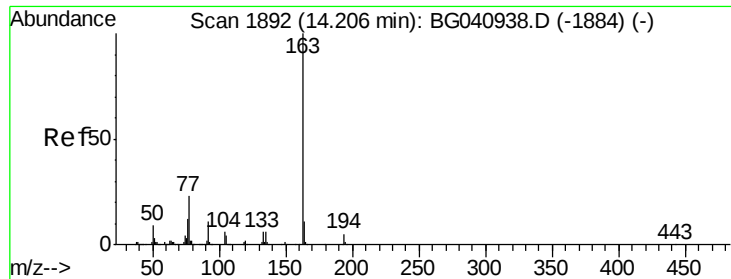
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#45
 2-Fluorobiphenyl
 Concen: 31.244 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG041049.D
 Acq: 4 Jun 2019 00:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.1	46.7
170	23.0	20.5	30.7





#50

Dimethylphthalate

Concen: 2.095 ng

RT: 14.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Instrument :

BNA_G

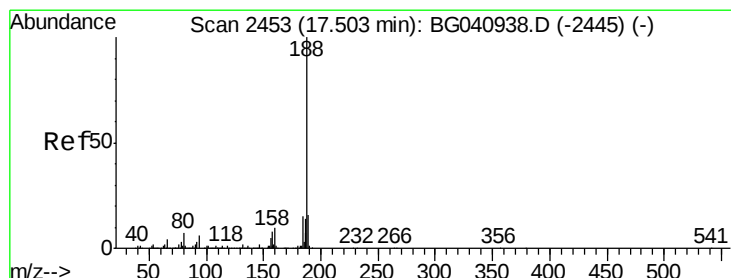
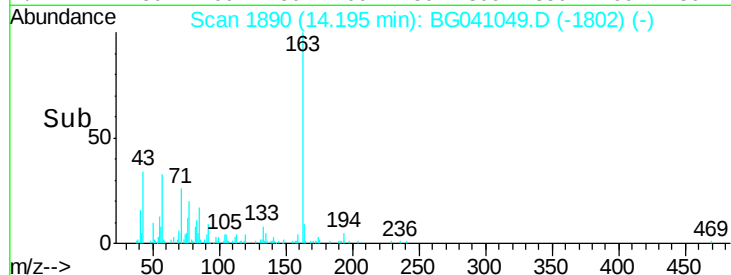
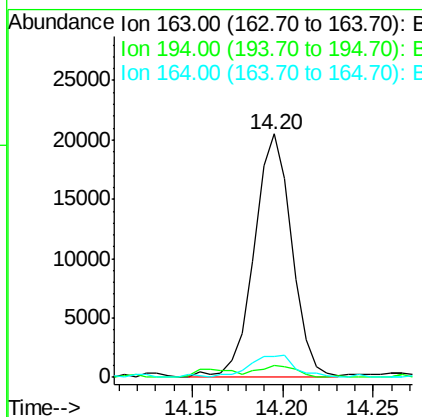
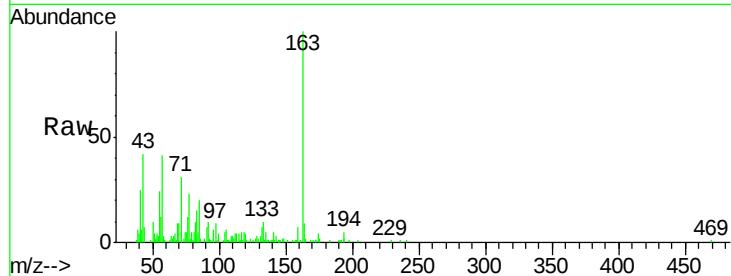
ClientSampleId :

FK-SF-03-007-B

Tot Ion:	163	Resp:	29501
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	8.8	8.7	13.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

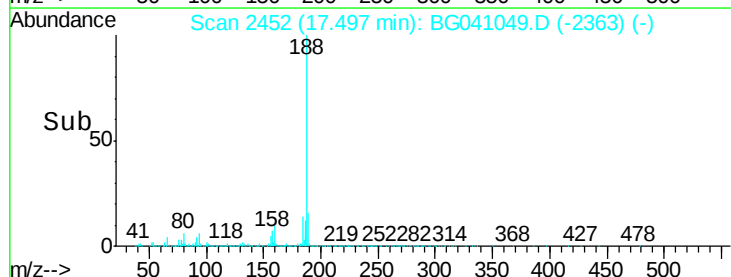
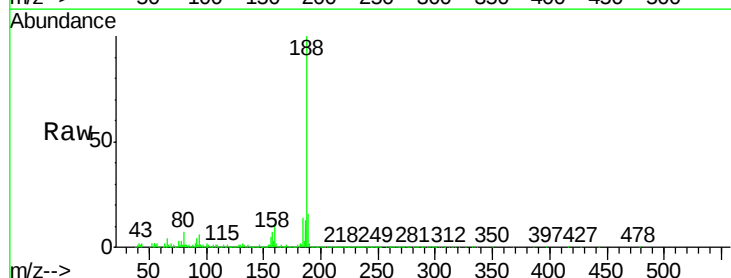
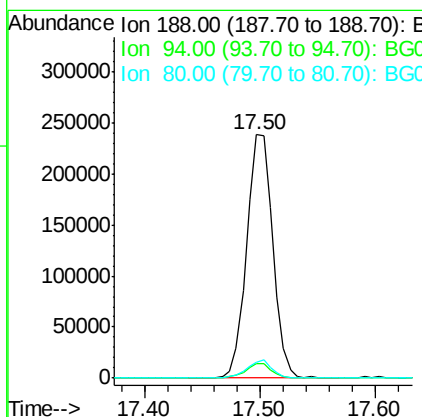
RT: 17.50 min Scan# 2452

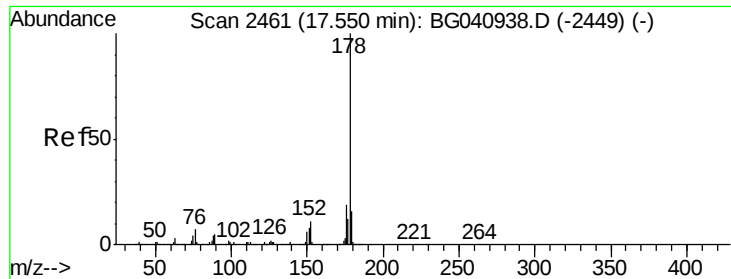
Delta R.T. -0.01 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Tgt Ion:	188	Resp:	375726
Ion Ratio	Lower	Upper	
188	100		
94	7.3	4.7	7.1#
80	6.7	5.8	8.8





#71

Phenanthrene

Concen: 10.481 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Instrument :

BNA_G

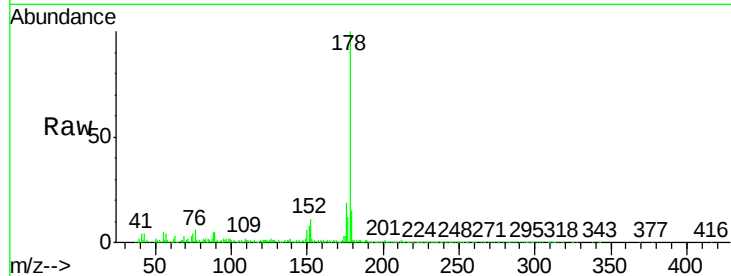
ClientSampleId :

FK-SF-03-007-B

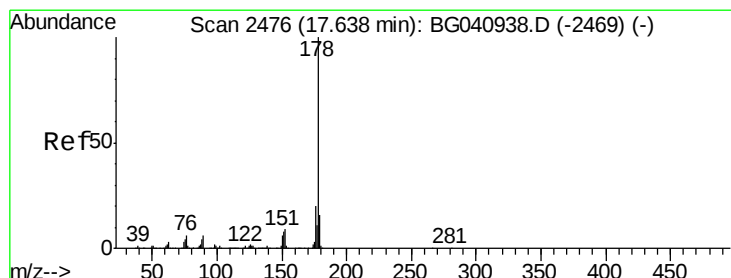
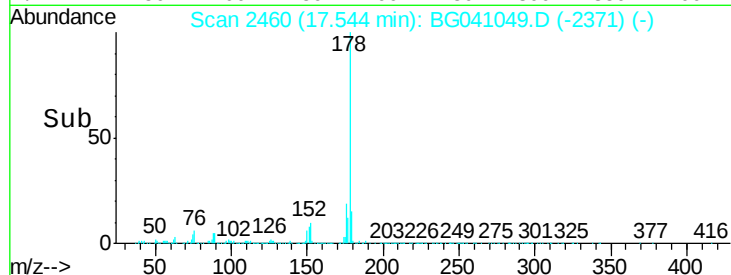
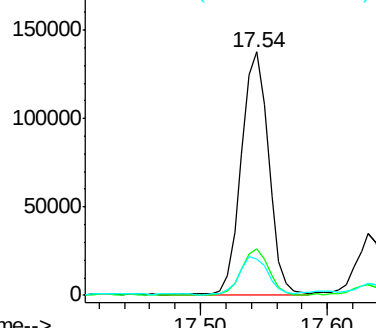
Tot Ion:	178	Resp:	205115
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.5	23.3
179	15.0	12.7	19.1

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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



#72

Anthracene

Concen: 2.536 ng

RT: 17.63 min Scan# 2475

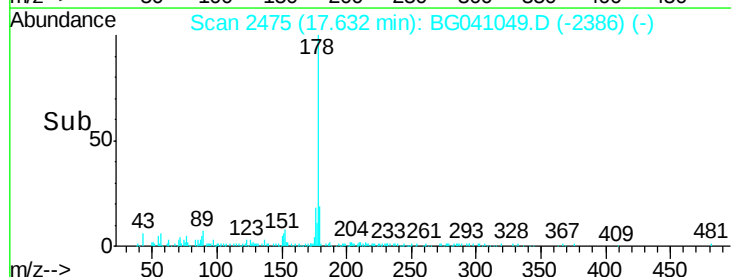
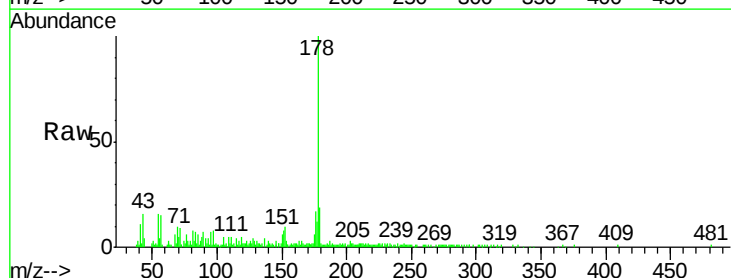
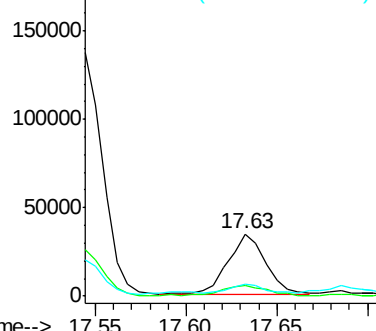
Delta R.T. -0.01 min

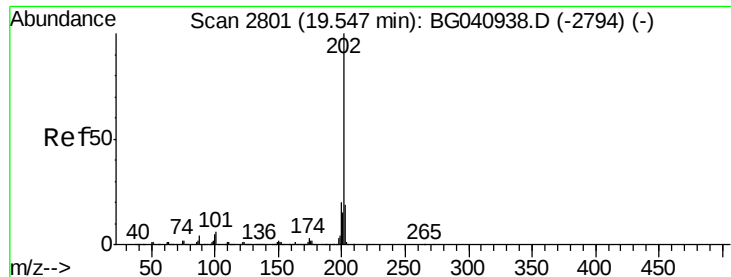
Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Tgt Ion:	178	Resp:	48960
Ion Ratio	Lower	Upper	
178	100		
176	17.4	15.6	23.4
179	19.2	13.0	19.4

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





#75

Fluoranthene

Concen: 11.531 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Instrument :

BNA_G

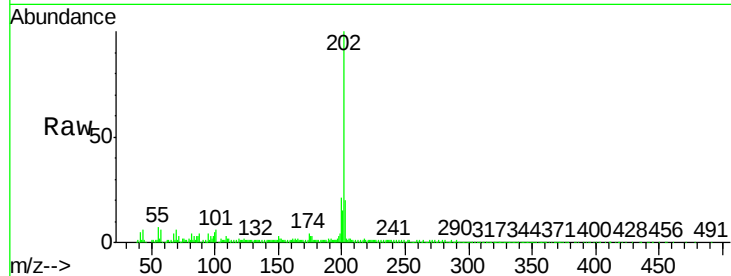
ClientSampleId :

FK-SF-03-007-B

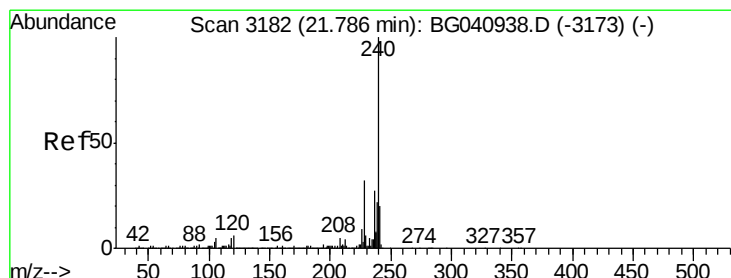
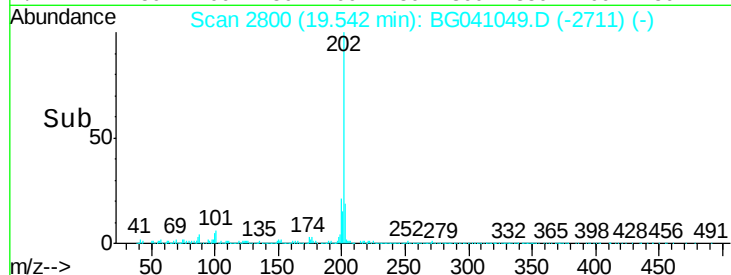
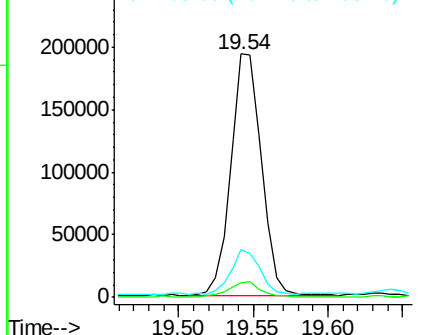
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.0	0.0	26.2
203	19.8	0.0	38.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

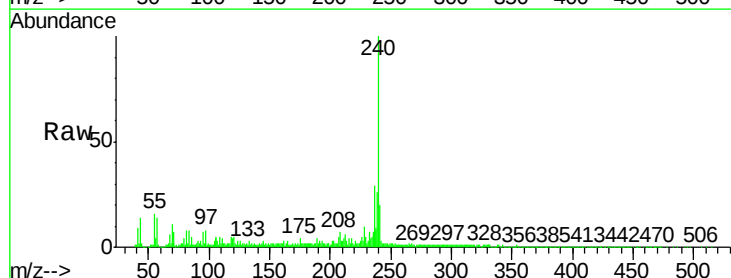
RT: 21.79 min Scan# 3182

Delta R.T. 0.00 min

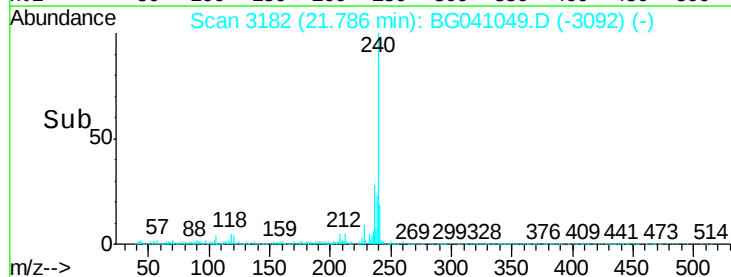
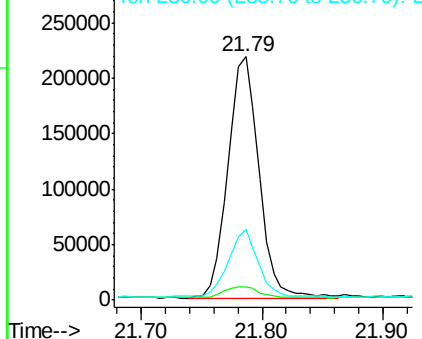
Lab File: BG041049.D

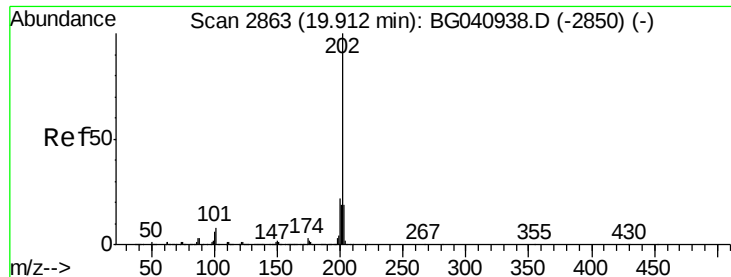
Acq: 4 Jun 2019 00:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.3	4.5	6.7
236	29.0	21.3	31.9



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





#78

Pvrene

Concen: 10.354 ng

RT: 19.91 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Instrument :

BNA_G

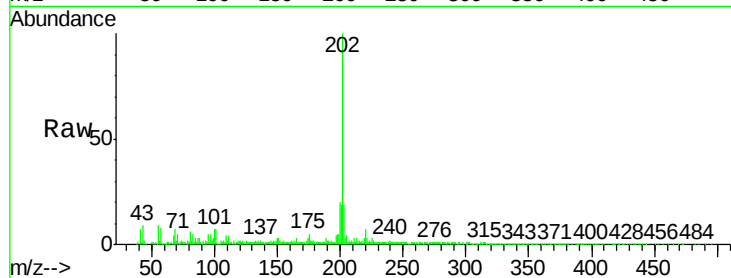
ClientSampleId :

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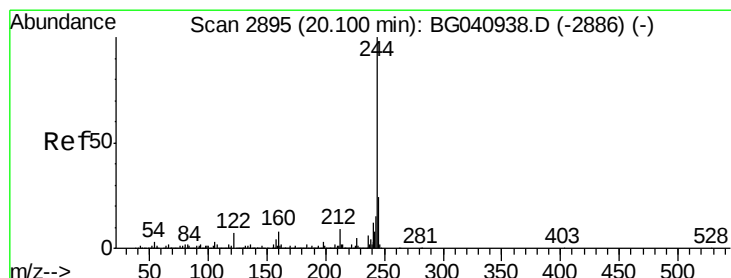
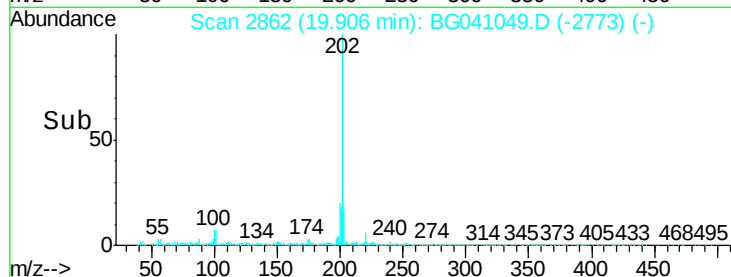
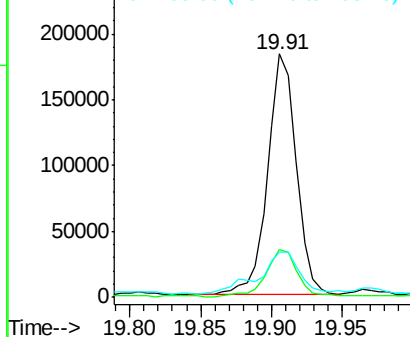
Tot Ion:	202	Resp:	262450
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.5	26.3
203	18.6	15.6	23.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 28.338 ng

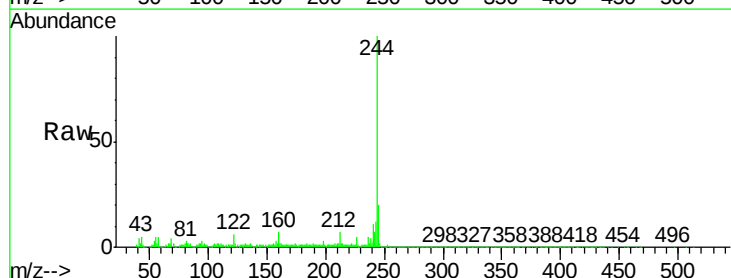
RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

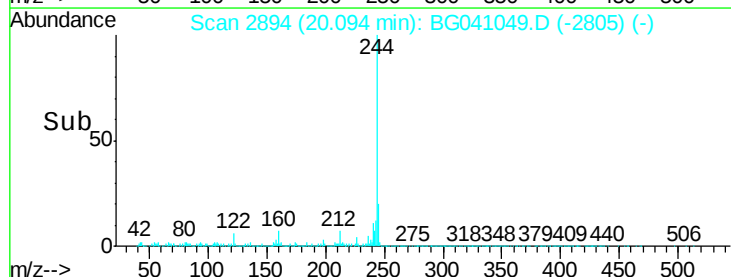
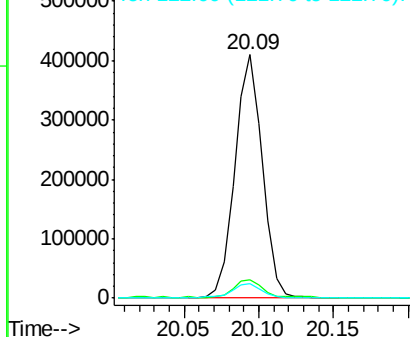
Lab File: BG041049.D

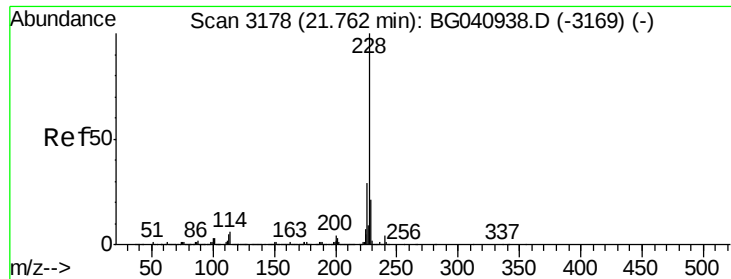
Acq: 4 Jun 2019 00:29

Tgt Ion:	244	Resp:	520628
Ion Ratio	Lower	Upper	
244	100		
212	7.5	7.0	10.4
122	6.2	5.4	8.0



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: 5.065 ng m

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Instrument :

BNA_G

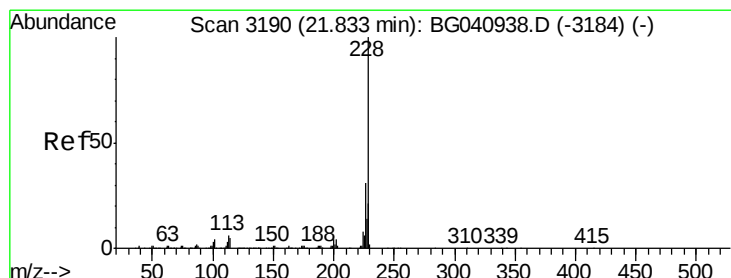
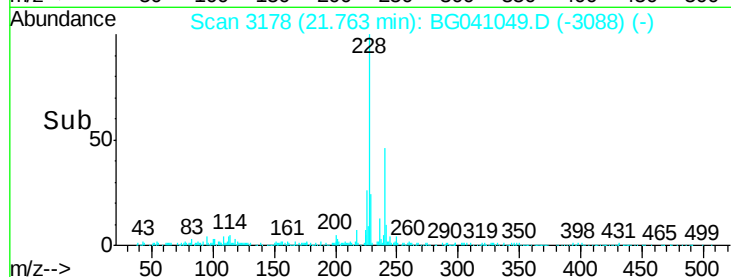
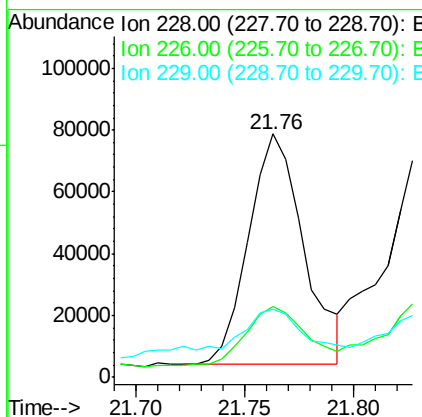
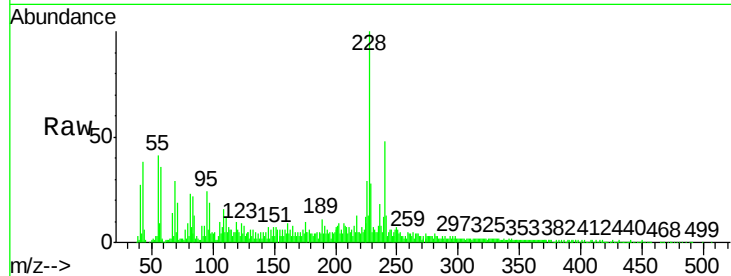
ClientSampleId :

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Tot Ion:	228	Resp:	131458
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.5	35.3
229	28.1	16.7	25.1#

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#83

Chrysene

Concen: 5.826 ng

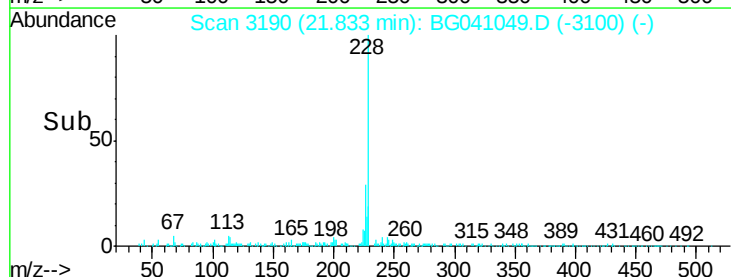
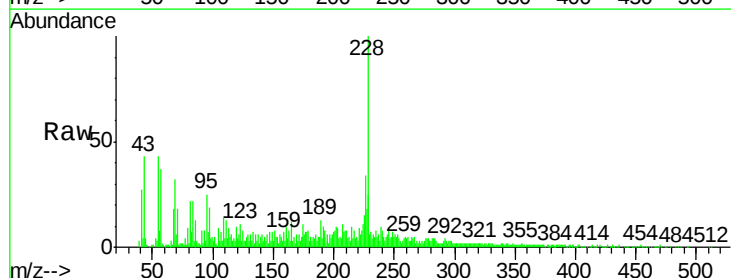
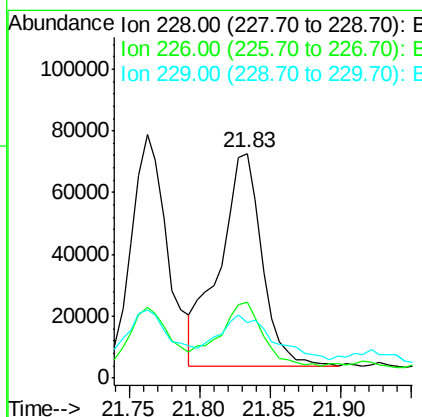
RT: 21.83 min Scan# 3190

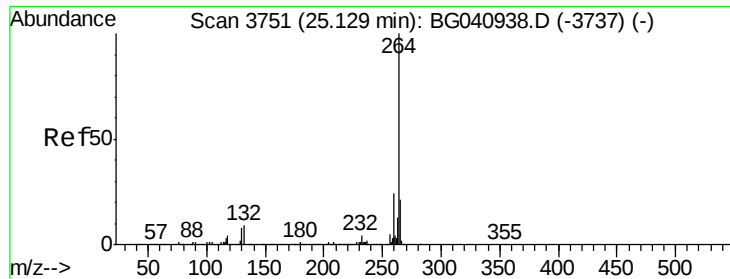
Delta R.T. 0.00 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Tgt Ion:	228	Resp:	144705
Ion Ratio	Lower	Upper	
228	100		
226	33.7	24.6	37.0
229	24.9	16.6	24.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3754

Delta R.T. 0.02 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Instrument :

BNA_G

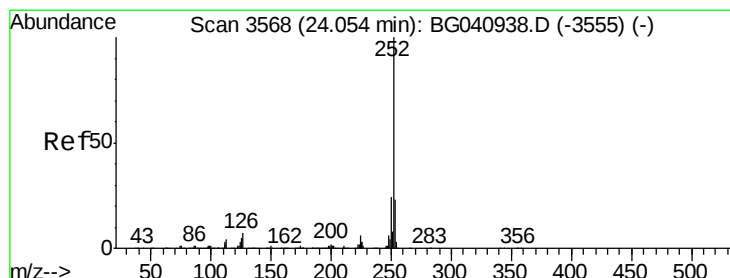
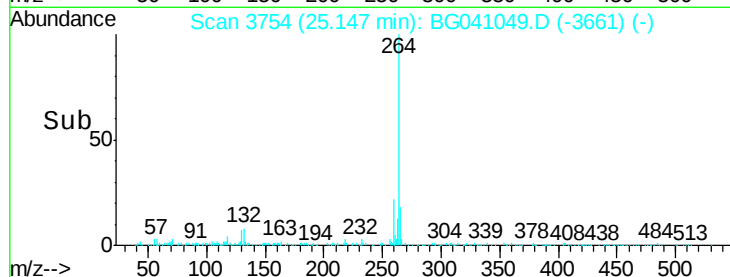
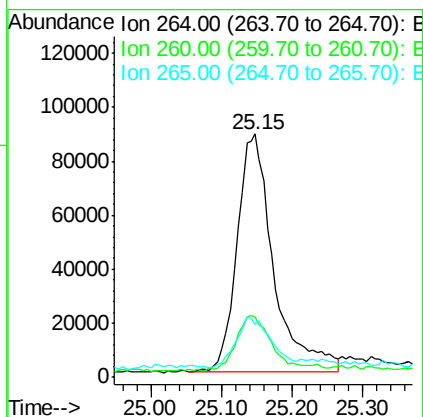
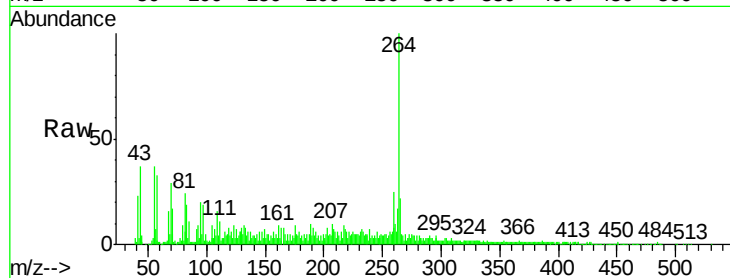
ClientSampleId :

FK-SF-03-007-B

Tot Ion:	264	Resp:	319834
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.0	28.4
265	21.8	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 6.555 ng

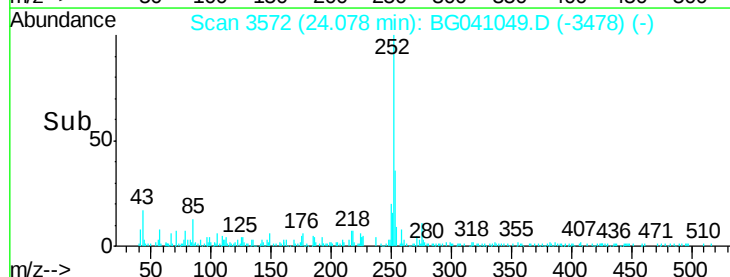
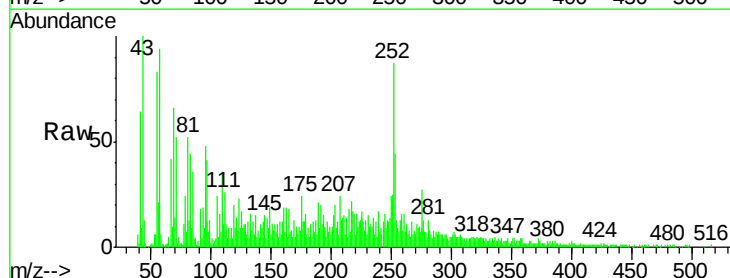
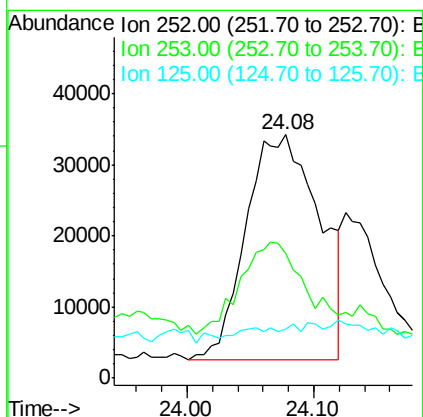
RT: 24.08 min Scan# 3572

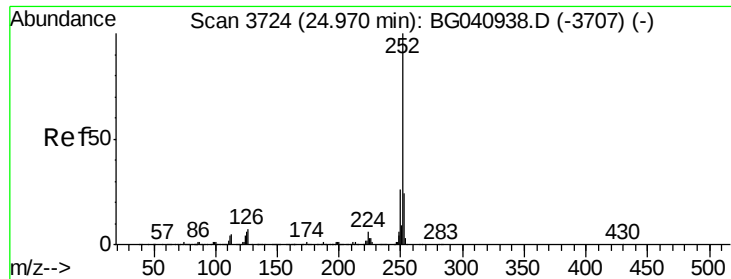
Delta R.T. 0.02 min

Lab File: BG041049.D

Acq: 4 Jun 2019 00:29

Tgt Ion:	252	Resp:	127166
Ion Ratio	Lower	Upper	
252	100		
253	51.0	18.4	27.6#
125	19.9	4.3	6.5#





#90
 Benzo(a)pyrene
 Concen: 4.961 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. 0.01 min
 Lab File: BG041049.D
 Acq: 4 Jun 2019 00:29

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-007-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.8	19.5	29.3#
125	23.2	5.1	7.7#

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