

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040808.D
 Acq On : 9 May 2019 5:49
 Operator : HP/JU
 Sample : K2645-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-050719-B

Manual Integrations
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Quant Time: May 09 07:59:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	39296	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	158746	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	117012	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	326654	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	306570	20.00	ng	-0.03
87) Perylene-d12	25.15	264	221956m	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	356462	159.90	ng	0.00
7) Phenol-d6	7.28	99	489853	142.72	ng	-0.02
23) Nitrobenzene-d5	9.32	82	415559	120.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	279842	173.99	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	925911	114.28	ng	-0.02
79) Terphenyl-d14	20.11	244	1870626	135.18	ng	-0.03

Target Compounds Qvalue

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

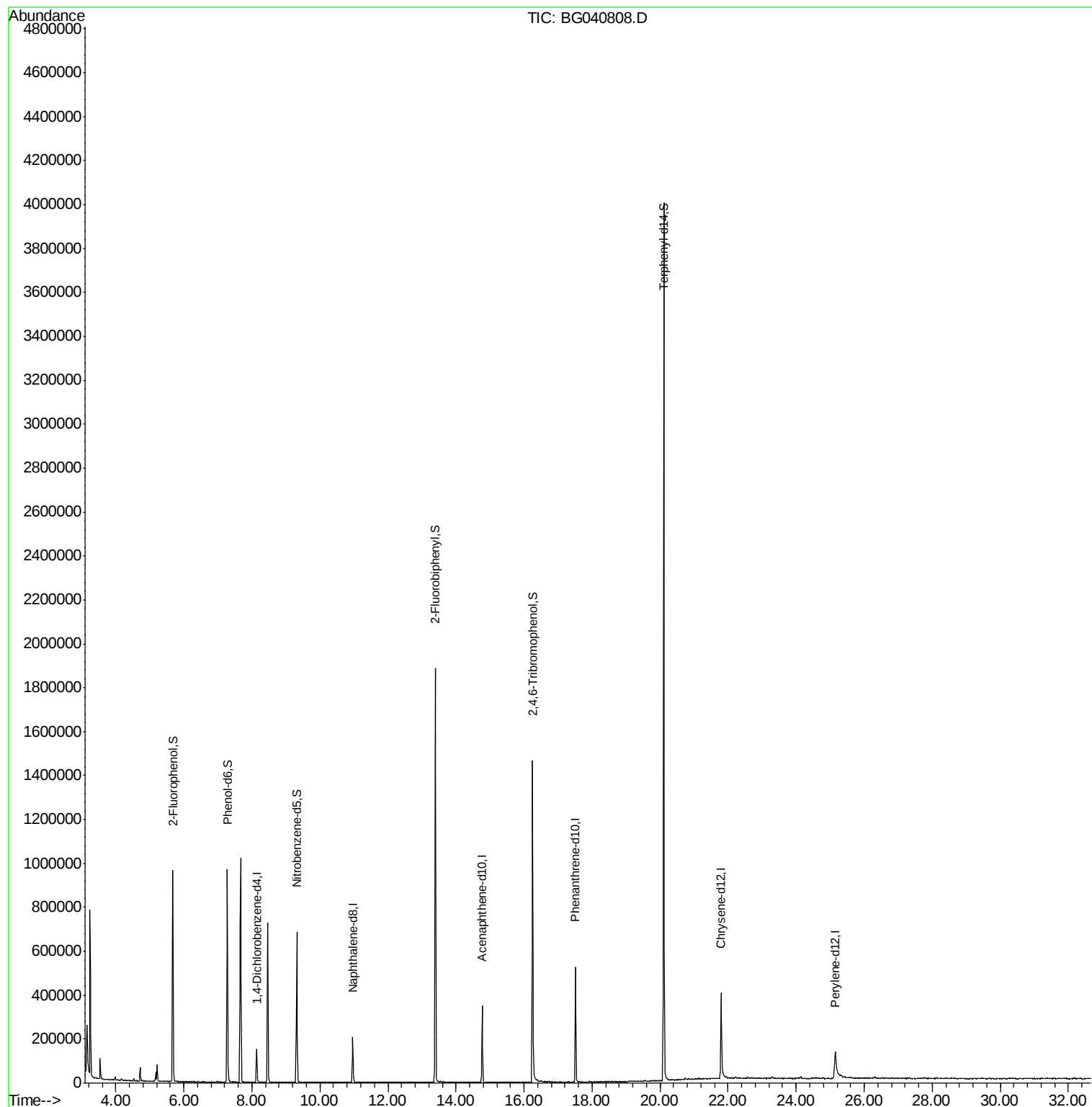
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
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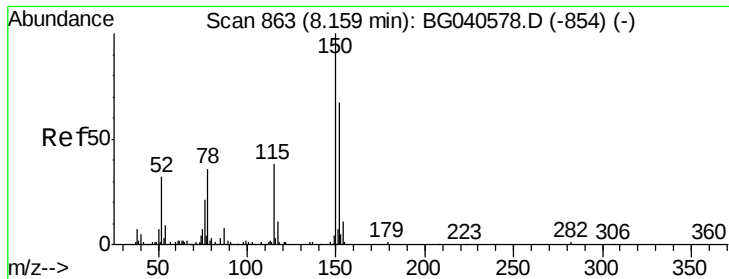
Instrument :
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#1

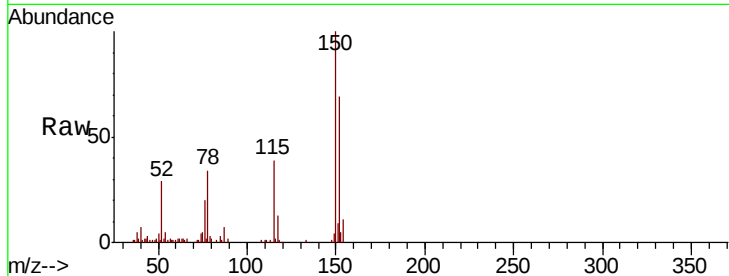
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040808.D
Acq: 9 May 2019 5:49

Instrument :
BNA_G
ClientSampleId :
PL-02-050719-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	120.2	180.2
115	57.6	46.2	69.2

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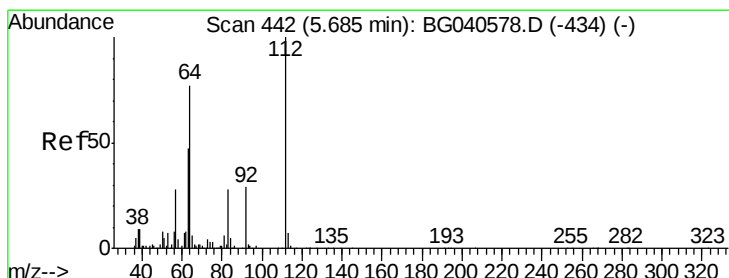
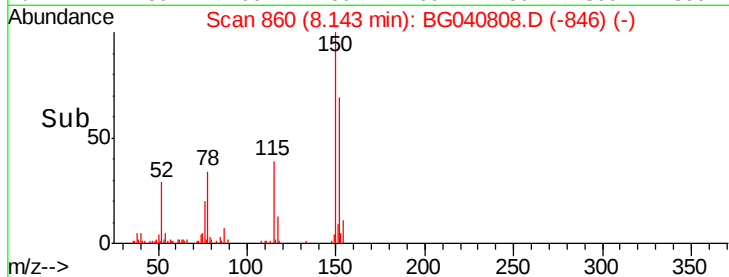
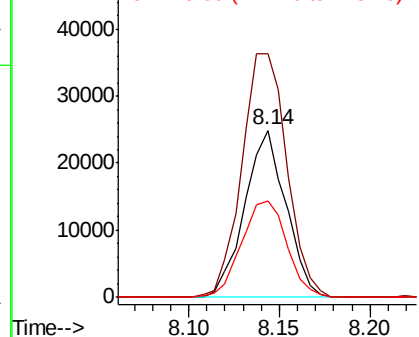


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

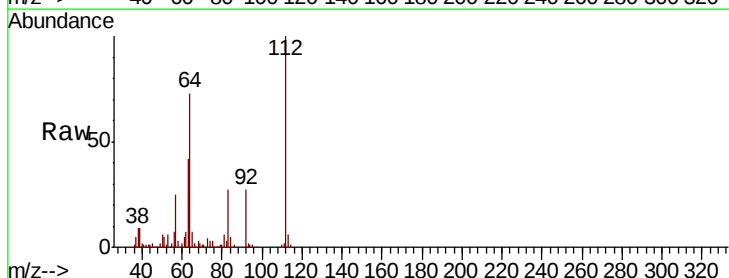
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 159.904 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040808.D
Acq: 9 May 2019 5:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	61.4	92.0
63	42.3	37.8	56.6

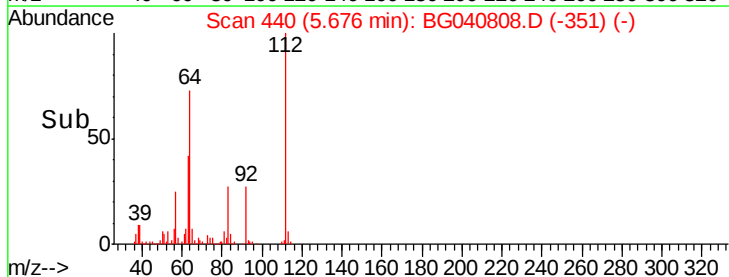
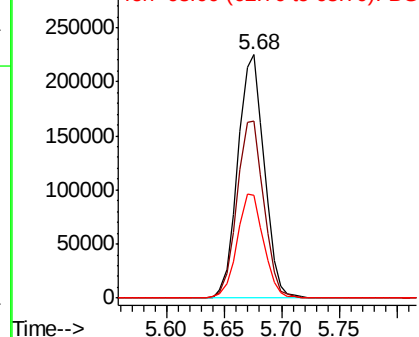


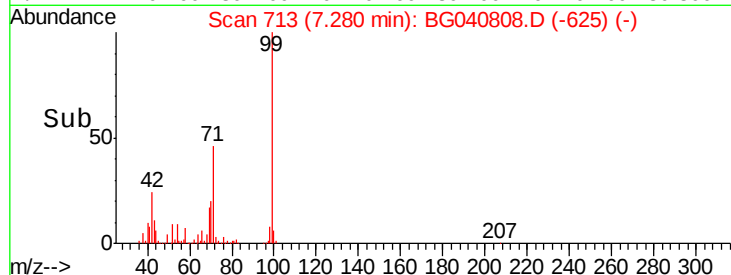
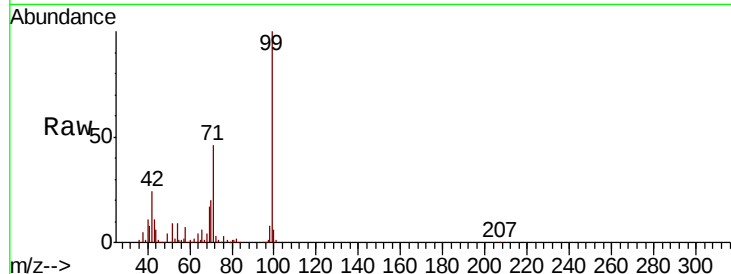
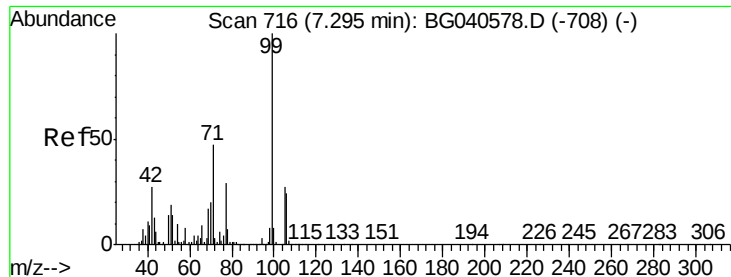
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.715 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040808.D

Acq: 9 May 2019 5:49

Tot Ion:	99	Resp:	489853
Ion Ratio	Lower	Upper	
99	100		
42	24.1	21.8	32.8
71	45.8	38.6	57.8

Instrument :

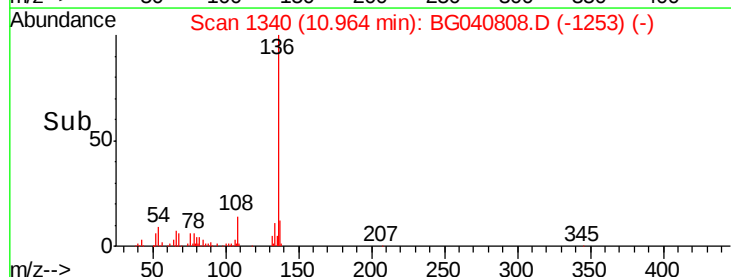
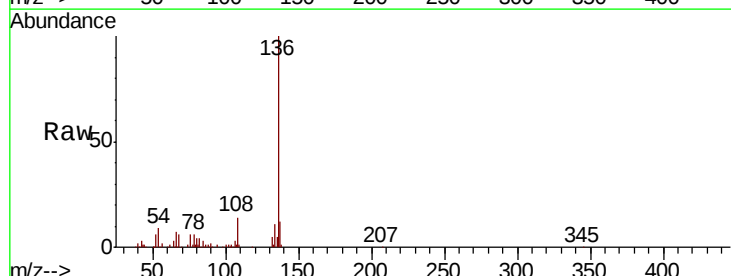
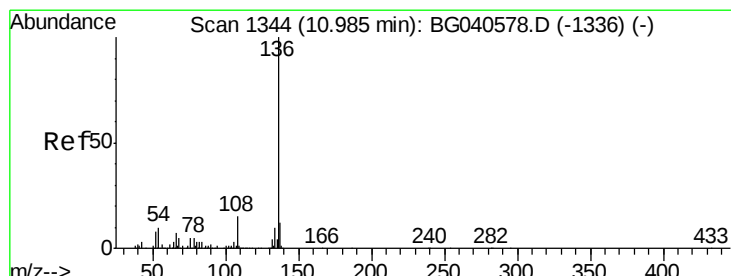
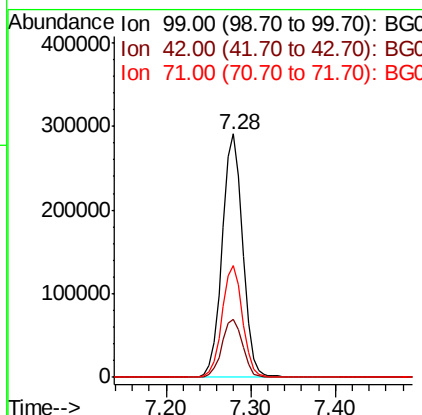
BNA_G

ClientSampled :

PL-02-050719-B

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#21

Naphthalene-d8

Concen: 20.000 ng

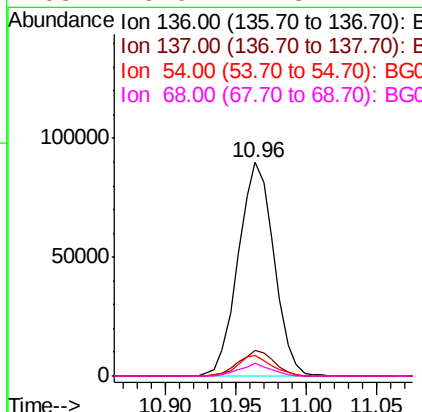
RT: 10.96 min Scan# 1340

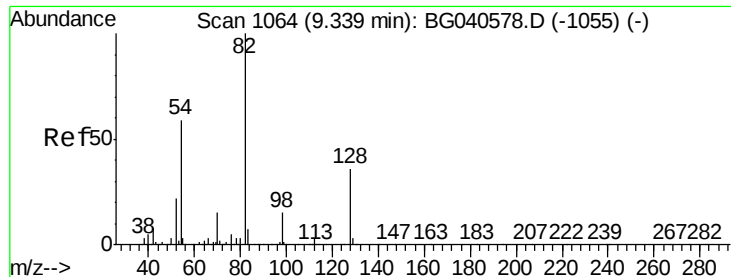
Delta R.T. -0.02 min

Lab File: BG040808.D

Acq: 9 May 2019 5:49

Tgt Ion:	136	Resp:	158746
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.7	14.5
54	9.3	8.6	12.8
68	5.9	4.8	7.2





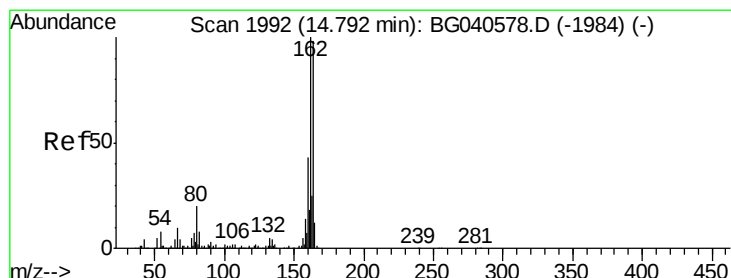
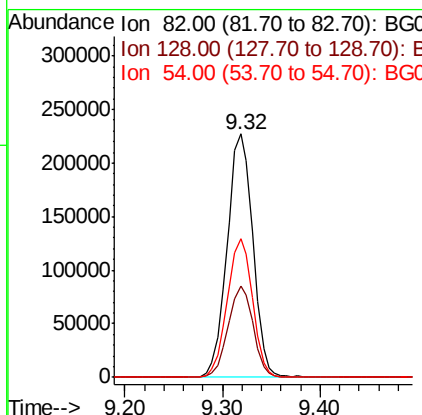
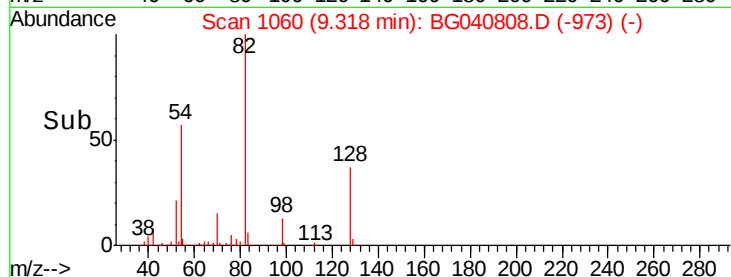
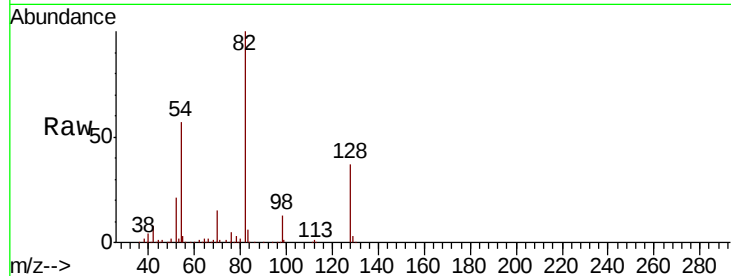
#23
Nitrobenzene-d5
Concen: 120.957 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040808.D
Acq: 9 May 2019 5:49

Instrument :
BNA_G
ClientSampleId :
PL-02-050719-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	28.9	43.3
54	57.2	47.2	70.8

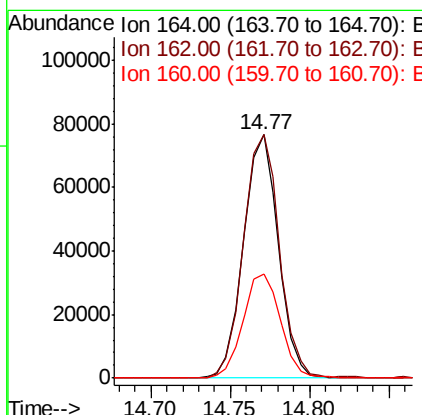
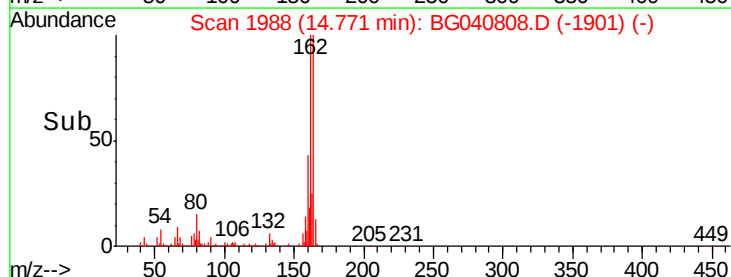
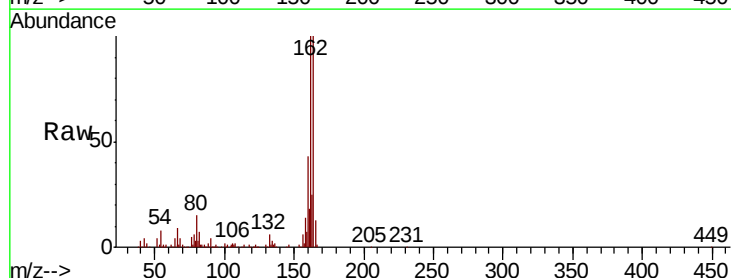
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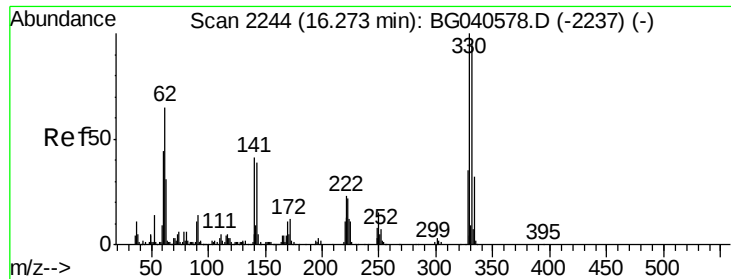
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040808.D
Acq: 9 May 2019 5:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.9	122.9
160	42.9	35.4	53.2





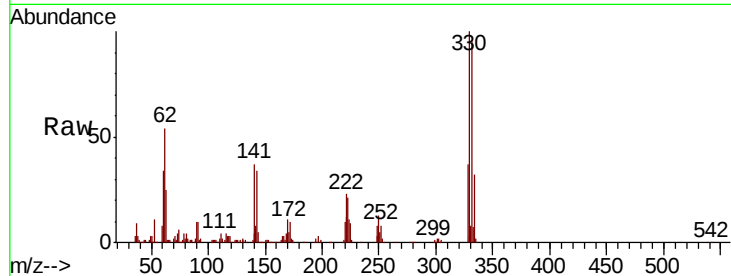
#42
 2,4,6-Tribromophenol
 Concen: 173.993 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040808.D
 Acq: 9 May 2019 5:49

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-050719-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279842		
332	97.6	75.9	113.9	
141	37.3	32.4	48.6	

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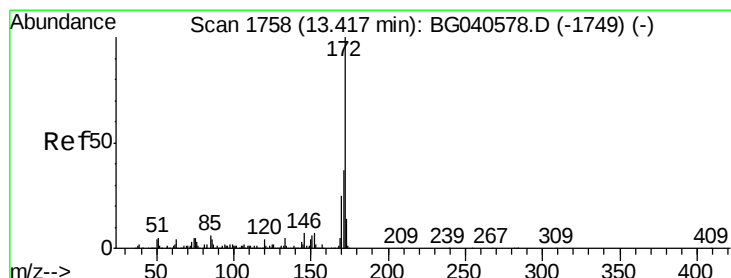
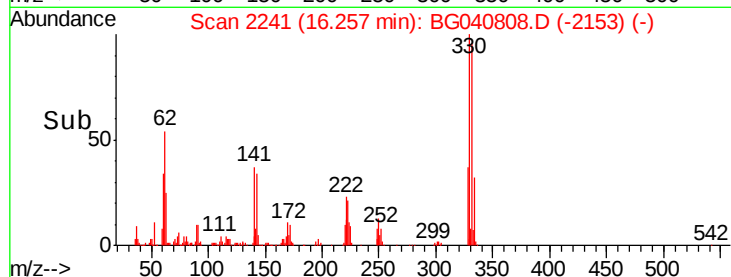
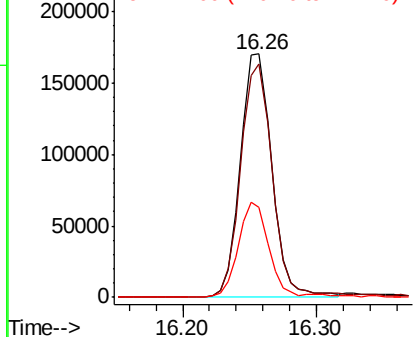


Abundance

Ion 329.80 (329.50 to 330.50): E

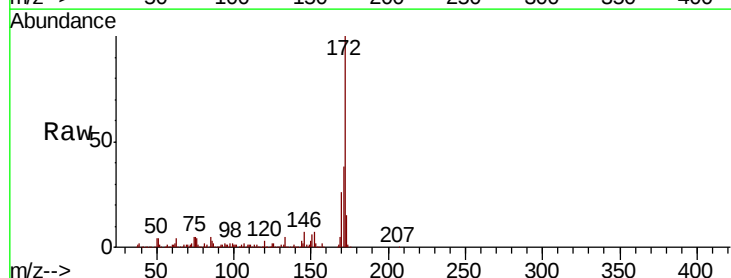
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 114.279 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040808.D
 Acq: 9 May 2019 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	925911		
171	38.2	29.4	44.2	
170	25.7	19.9	29.9	

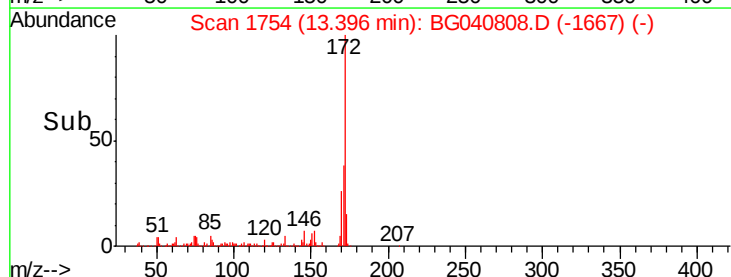
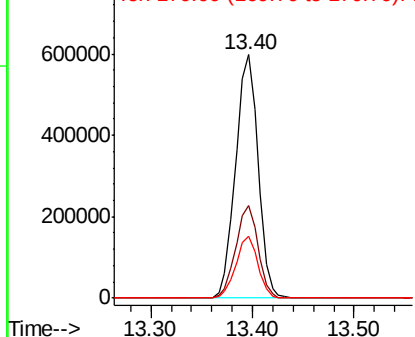


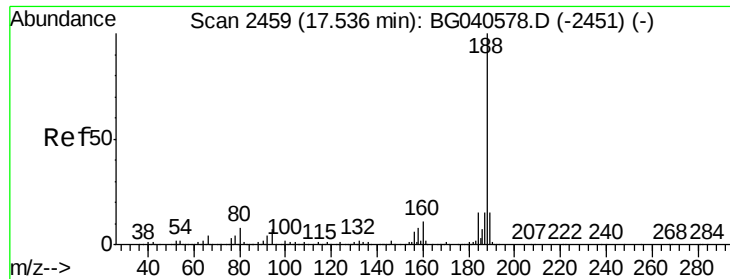
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





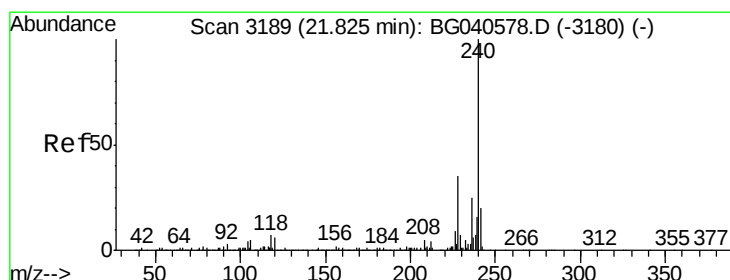
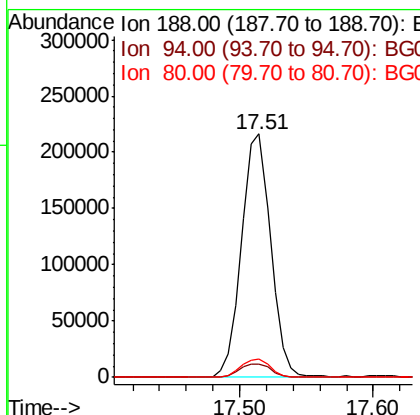
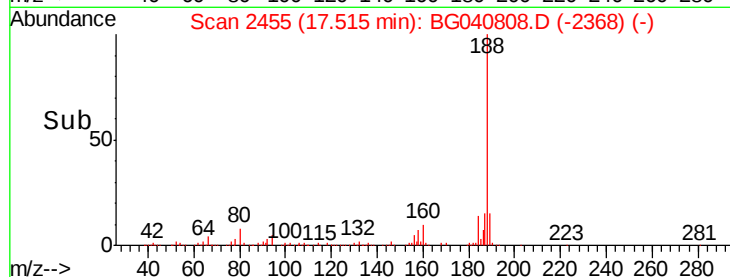
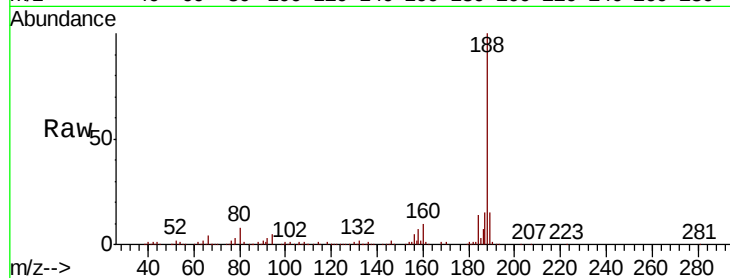
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040808.D
Acq: 9 May 2019 5:49

Instrument :
BNA_G
ClientSampleId :
PL-02-050719-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.4	5.6	8.4#
80	7.6	6.4	9.6

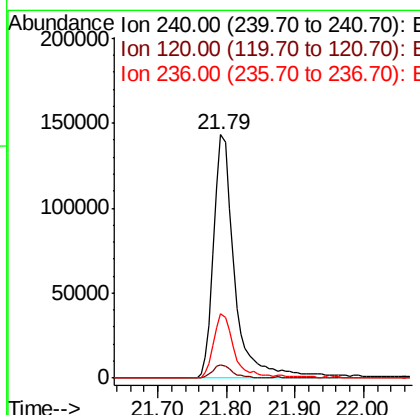
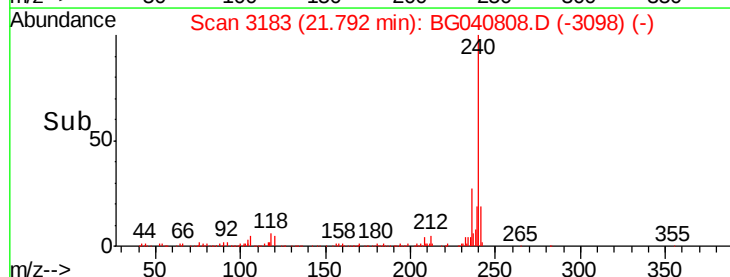
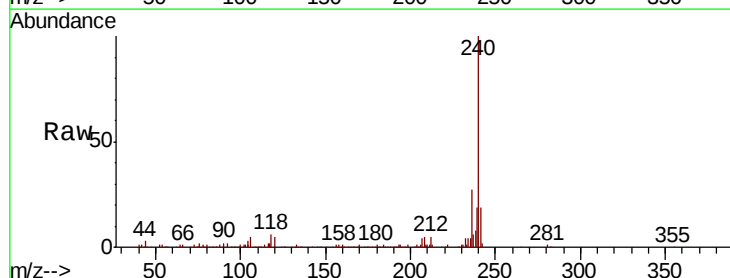
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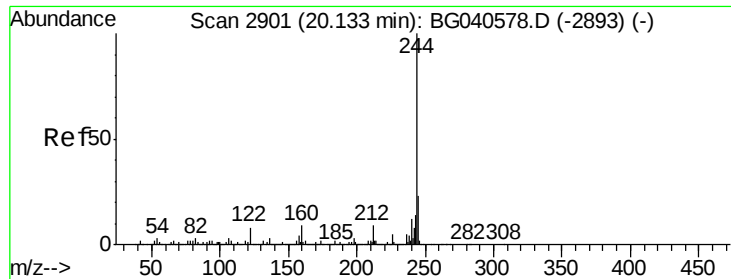
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.03 min
Lab File: BG040808.D
Acq: 9 May 2019 5:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.4	5.0	7.6
236	26.6	20.3	30.5





#79

Terphenyl-d14

Concen: 135.180 ng

RT: 20.11 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040808.D

Acq: 9 May 2019 5:49

Instrument :

BNA_G

ClientSampleId :

PL-02-050719-B

Tot Ion:244 Resp: 1870626

Ion Ratio Lower Upper

244 100

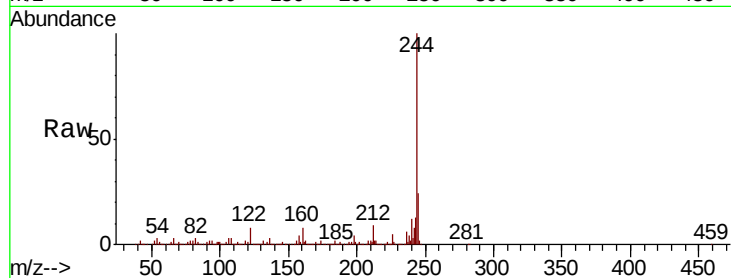
212 9.2 7.2 10.8

122 7.9 6.6 10.0

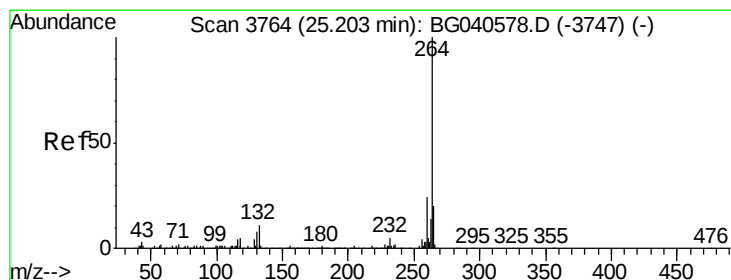
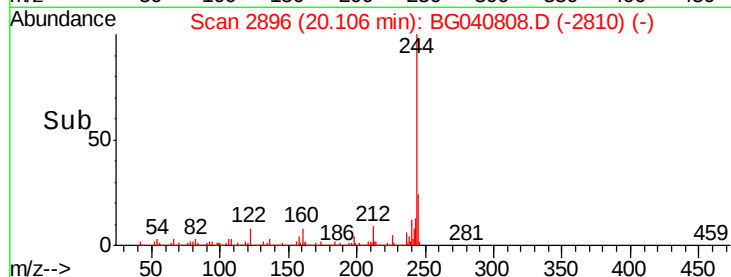
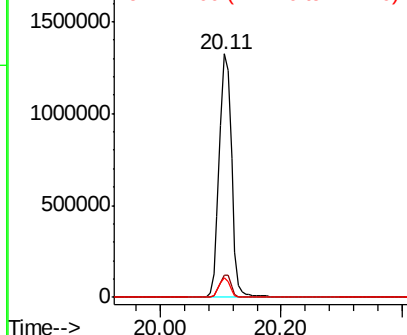
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng m

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040808.D

Acq: 9 May 2019 5:49

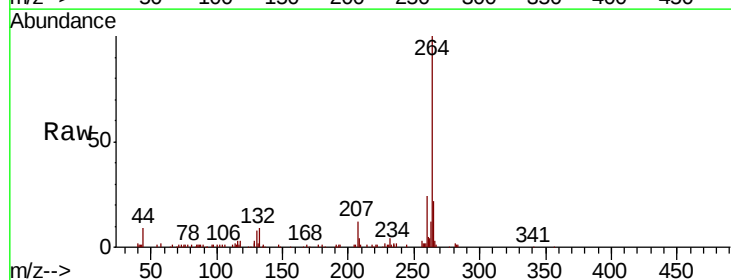
Tgt Ion:264 Resp: 221956

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.1 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

