

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
 Data File : BG042492.D
 Acq On : 26 Aug 2019 9:55
 Operator : HP/JU
 Sample : PB122510TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122510TB

Manual Integrations
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 8/27/2019 7:51:27 AM

Quant Time: Aug 27 01:32:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	53211	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	205159	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	142527	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	317351	20.00	ng	0.00
76) Chrysene-d12	21.69	240	365851	20.00	ng	0.00
87) Perylene-d12	24.93	264	429705	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	315398	120.05	ng	0.00
7) Phenol-d6	7.17	99	410751	115.74	ng	0.00
23) Nitrobenzene-d5	9.17	82	234008	78.82	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	197590	97.54	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	716621	85.04	ng	0.00
79) Terphenyl-d14	20.03	244	1268936	74.99	ng	0.00

Target Compounds Qvalue

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

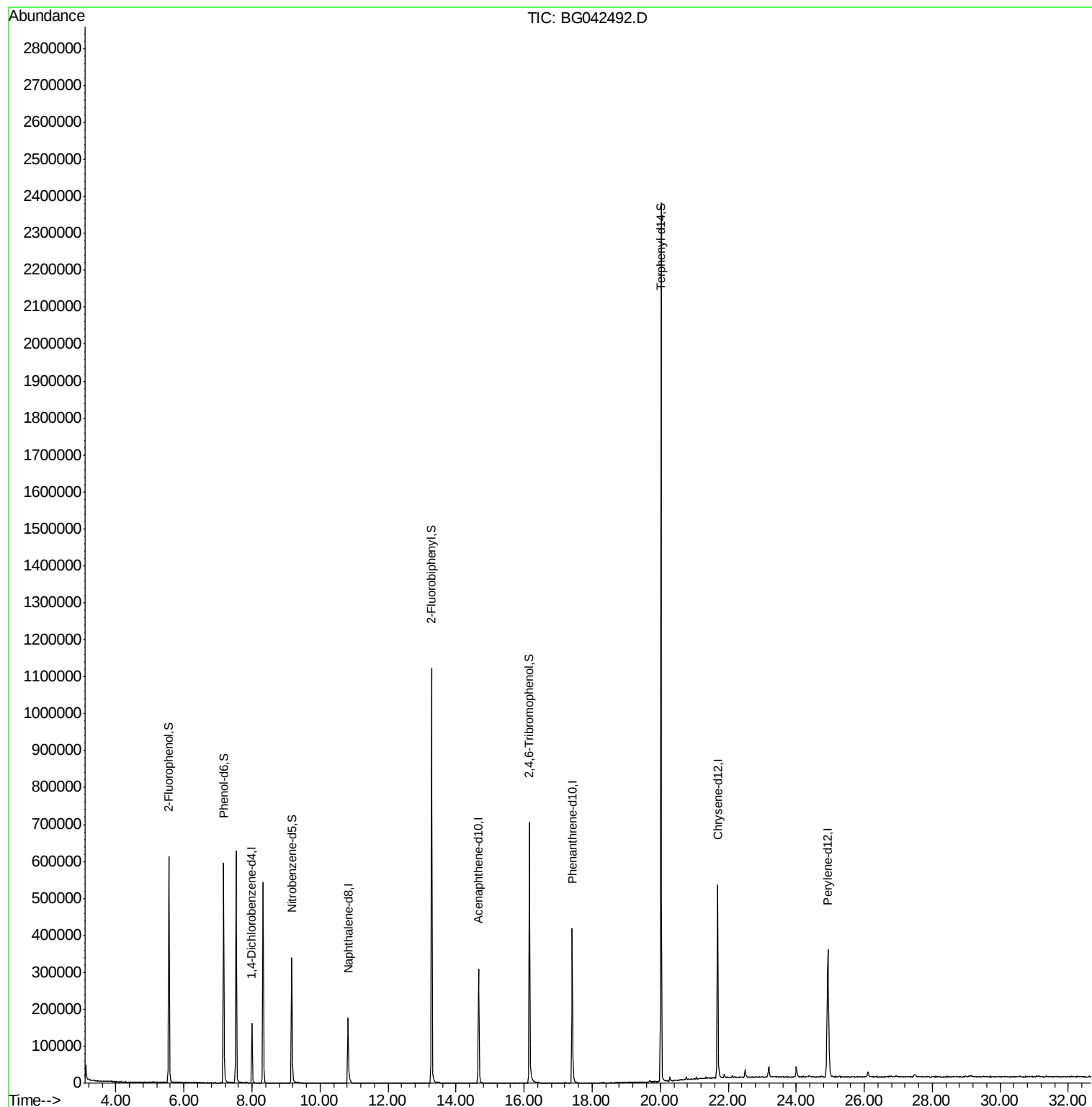
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
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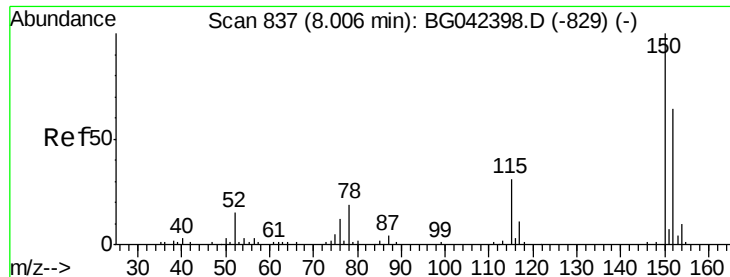
Instrument :
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ClientSampleId :
PB122510TB

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG042492.D

Acq: 26 Aug 2019 9:55

Instrument :

BNA_G

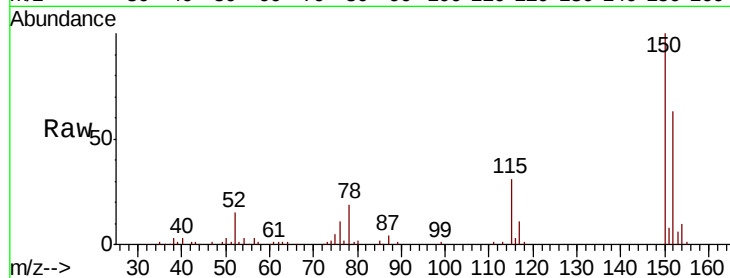
ClientSampleId :

PB122510TB

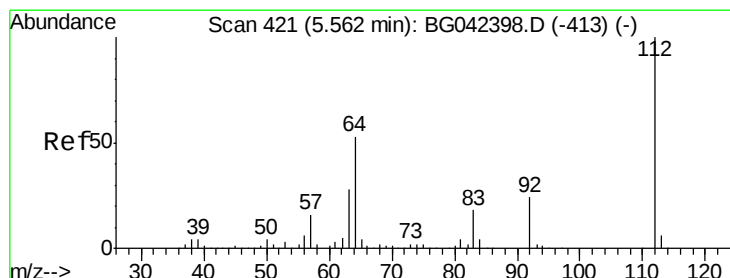
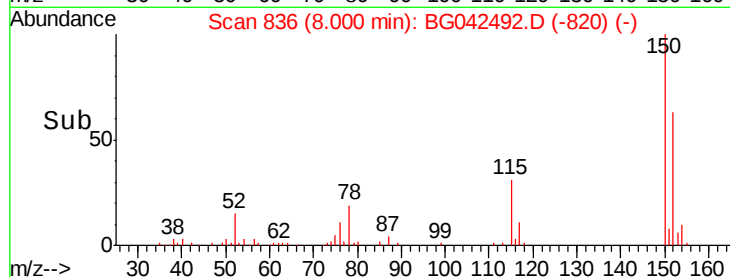
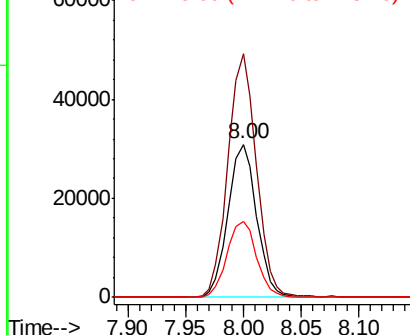
Tot Ion:	152	Resp:	53211
Ion Ratio	Lower	Upper	
152	100		
150	159.0	125.4	188.0
115	49.7	38.5	57.7

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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: 120.045 ng

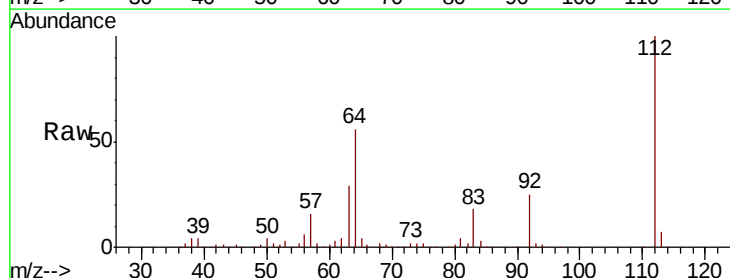
RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

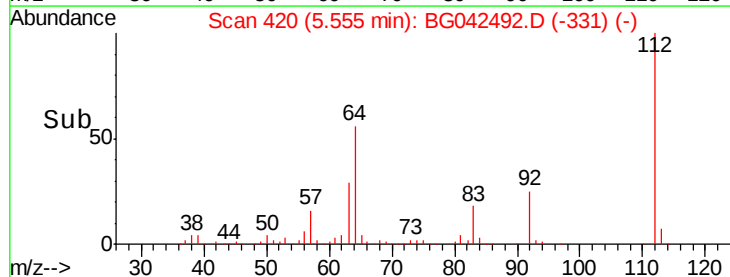
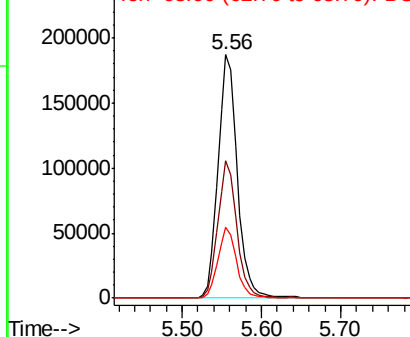
Lab File: BG042492.D

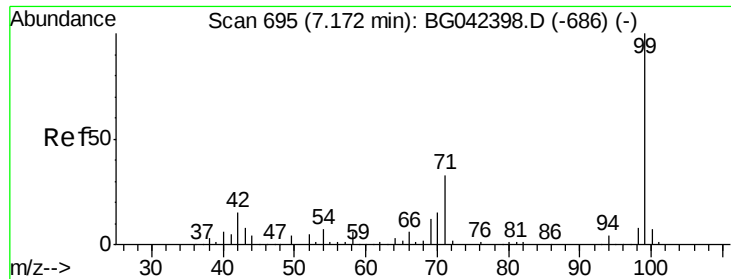
Acq: 26 Aug 2019 9:55

Tgt Ion:	112	Resp:	315398
Ion Ratio	Lower	Upper	
112	100		
64	56.5	42.8	64.2
63	29.3	22.7	34.1



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: 115.740 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042492.D

Acq: 26 Aug 2019 9:55

Instrument :

BNA_G

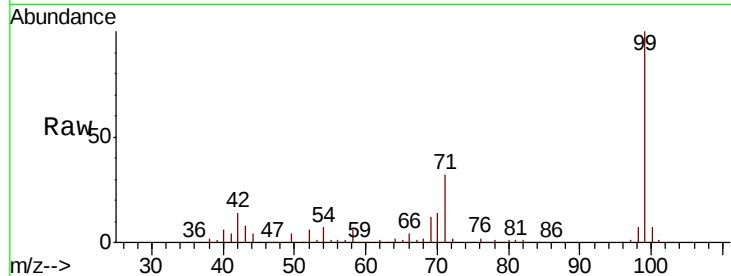
ClientSampleId :

PB122510TB

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		410751		
42	13.6	12.0	18.0		
71	31.9	26.3	39.5		

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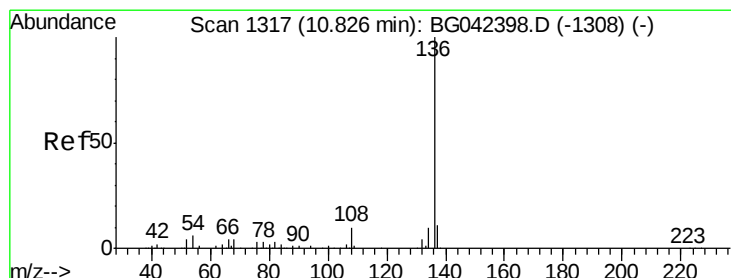
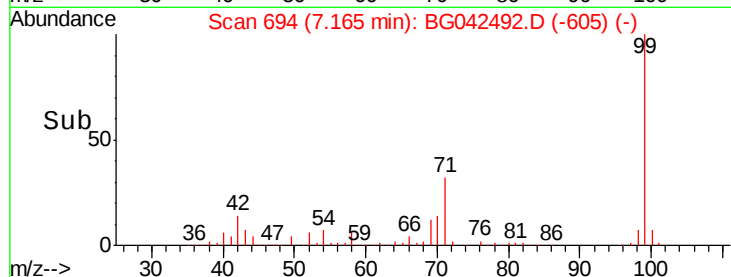
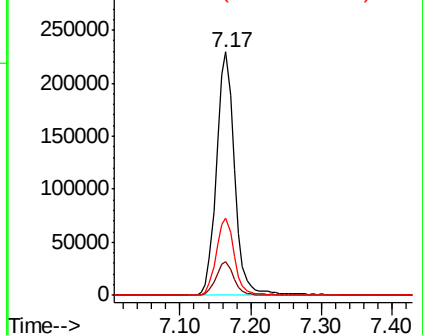


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042492.D

Acq: 26 Aug 2019 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		205159		
137	11.3	8.7	13.1		
54	6.9	4.9	7.3		
68	4.8	3.6	5.4		

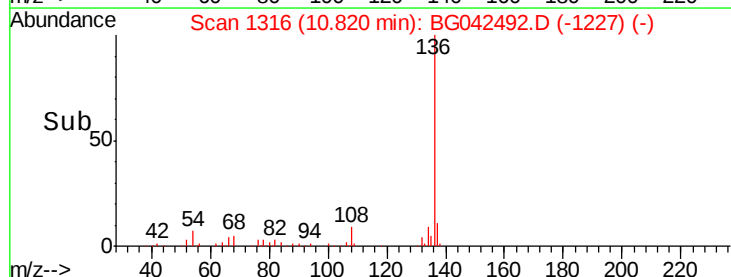
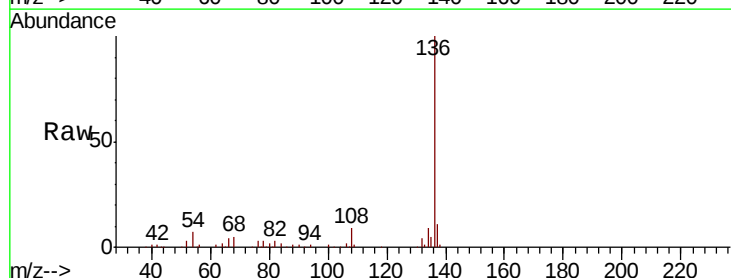
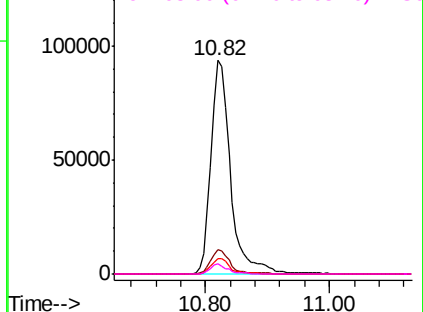
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





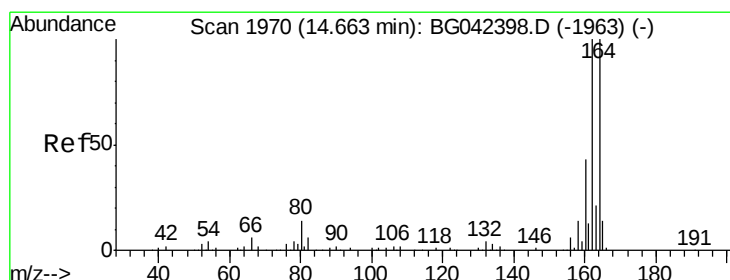
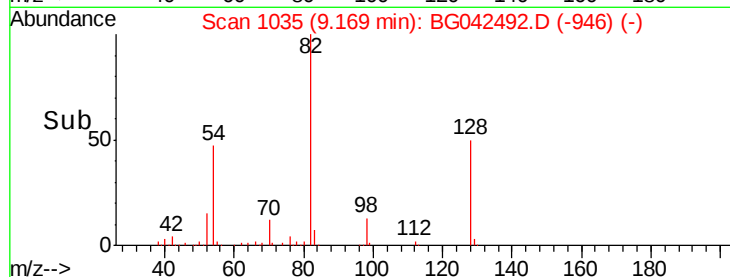
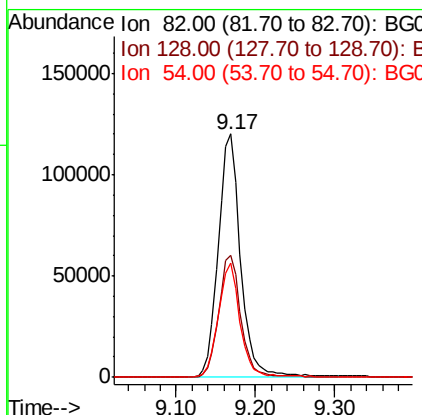
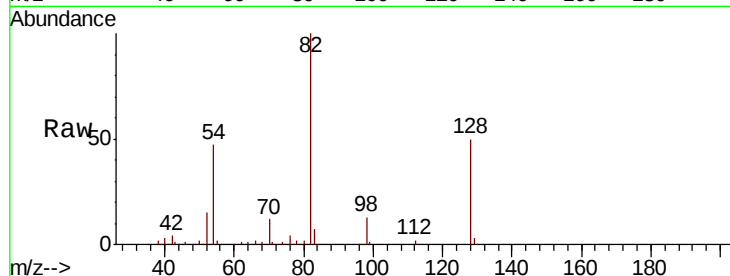
#23
 Nitrobenzene-d5
 Concen: 78.821 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042492.D
 Acq: 26 Aug 2019 9:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122510TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.7	61.1
54	47.0	36.3	54.5

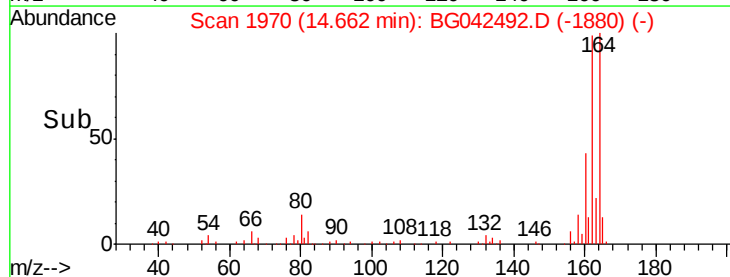
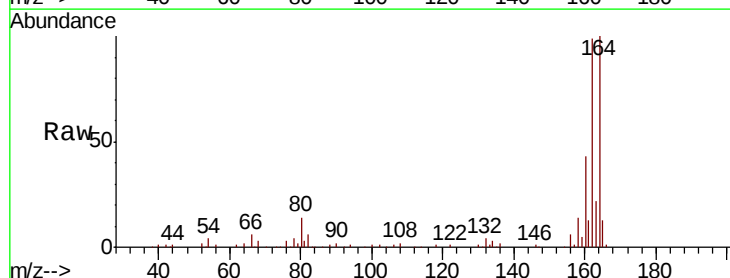
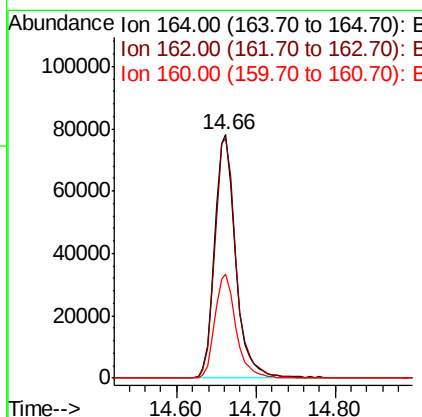
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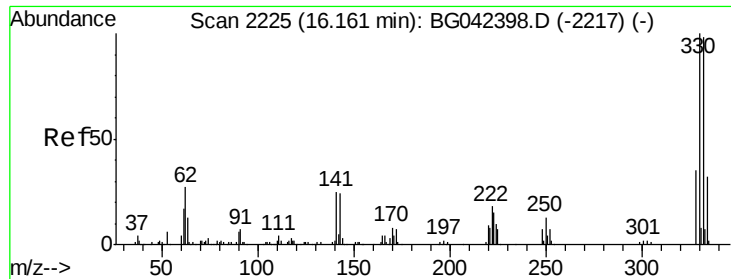
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042492.D
 Acq: 26 Aug 2019 9:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.9	119.9
160	42.6	34.3	51.5





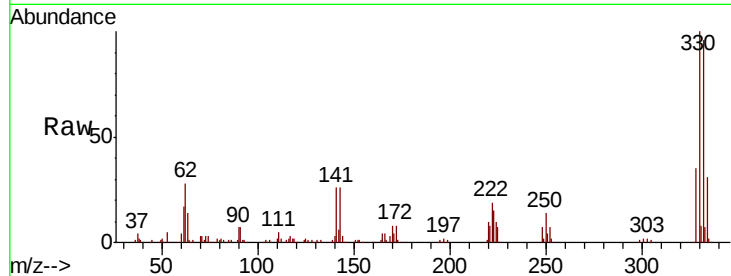
#42
 2,4,6-Tribromophenol
 Concen: 97.537 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042492.D
 Acq: 26 Aug 2019 9:55

Instrument :
 BNA_G
 ClientSampled :
 PB122510TB

Tot Ion	Ratio	Resp	Lower	Upper
330	100	197590		
332	96.5	77.4	116.0	
141	28.4	21.4	32.0	

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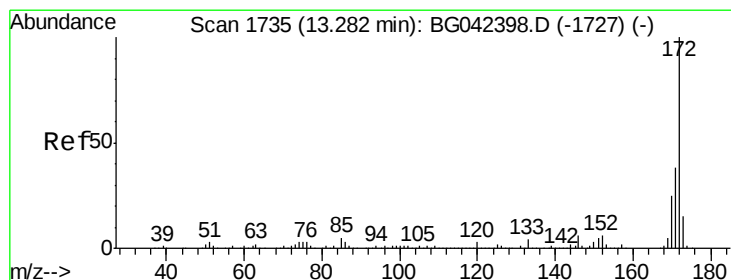
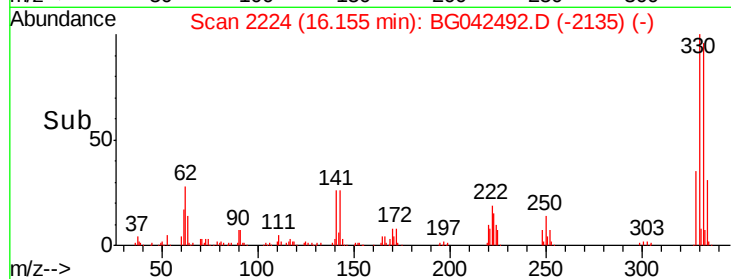
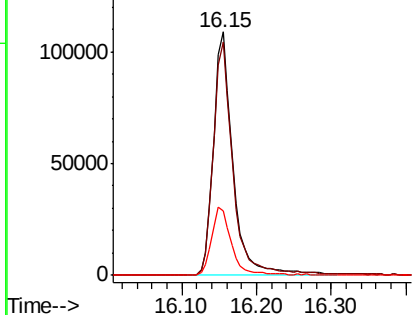


Abundance

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: 85.037 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042492.D
 Acq: 26 Aug 2019 9:55

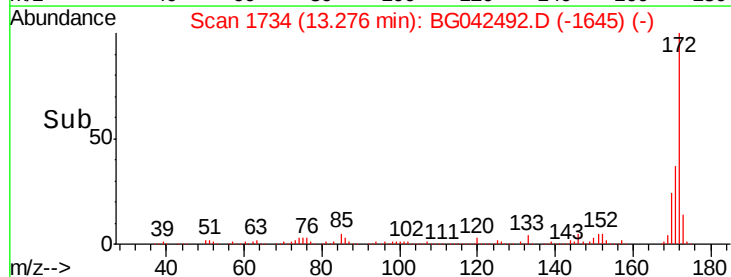
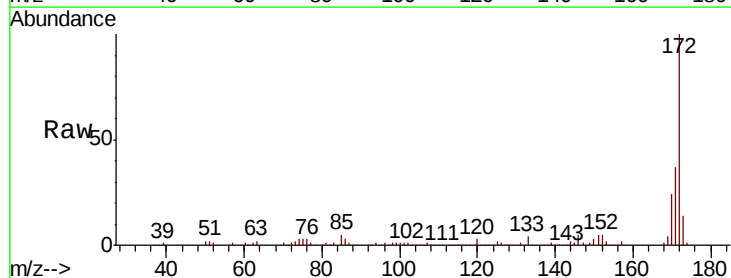
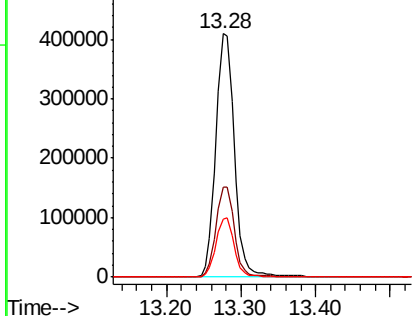
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	716621		
171	36.8	30.5	45.7	
170	23.8	20.2	30.2	

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042492.D

Acq: 26 Aug 2019 9:55

Instrument :

BNA_G

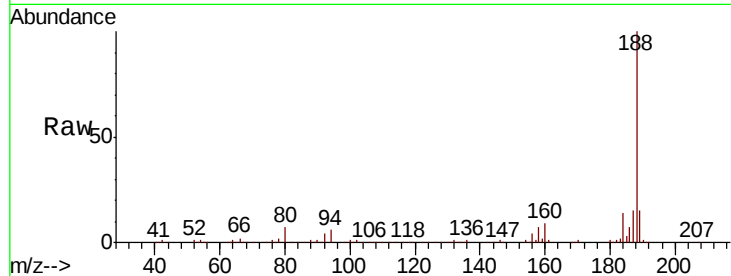
ClientSampleId :

PB122510TB

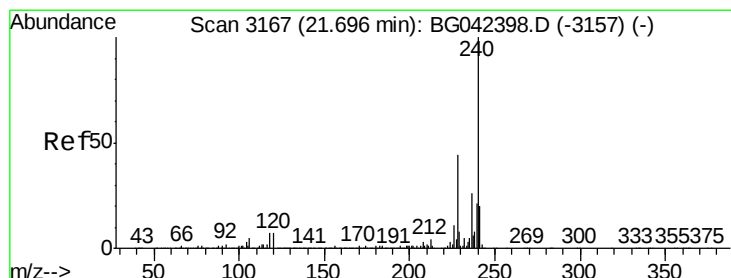
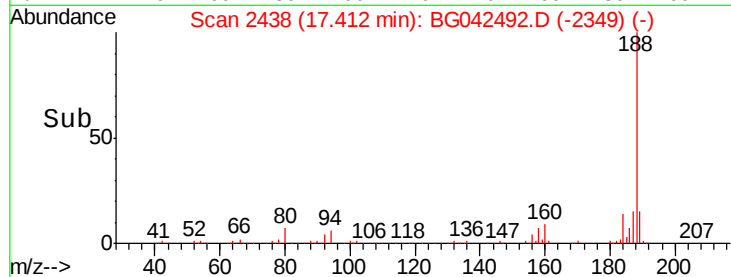
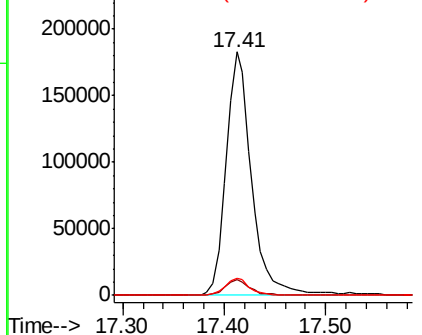
Tot Ion	Ratio	Resp	Lower	Upper
188	100	317351		
94	6.3		4.5	6.7
80	7.0		4.9	7.3

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

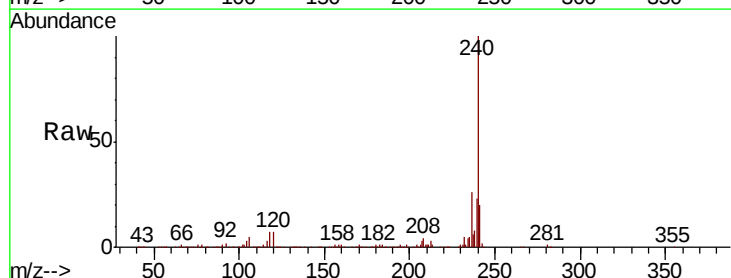
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

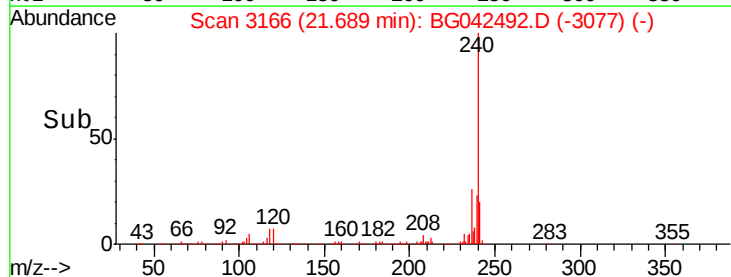
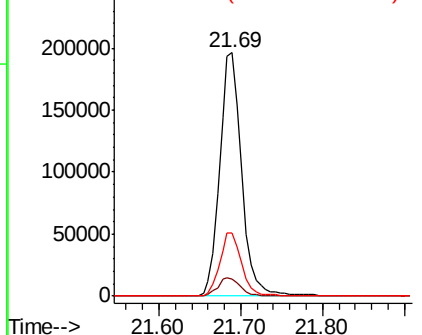
Lab File: BG042492.D

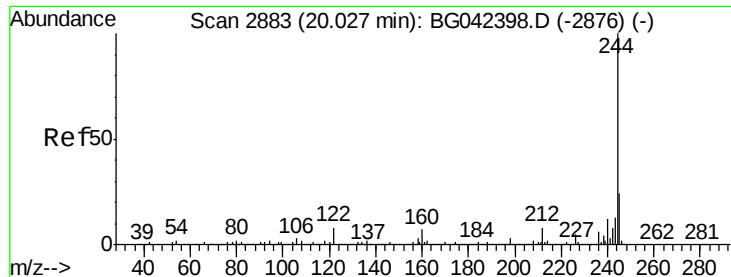
Acq: 26 Aug 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	365851		
120	7.1		5.7	8.5
236	25.7		21.0	31.4



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





#79

Terphenyl-d14

Concen: 74.985 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042492.D

Acq: 26 Aug 2019 9:55

Instrument :

BNA_G

ClientSampleId :

PB122510TB

Tot Ion:244 Resp: 1268936

Ion Ratio Lower Upper

244 100

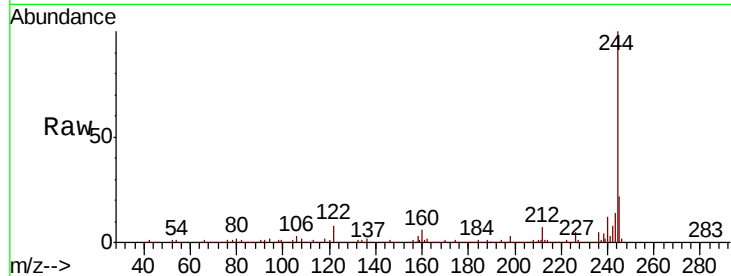
212 7.3 6.0 9.0

122 8.4 6.7 10.1

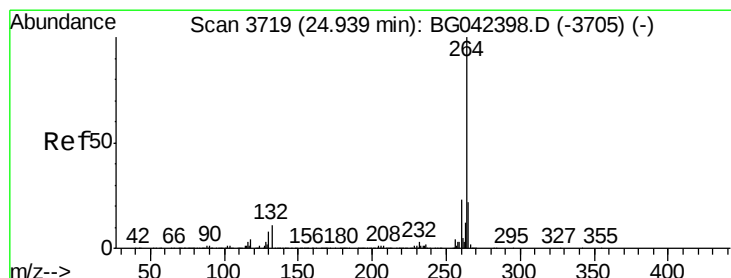
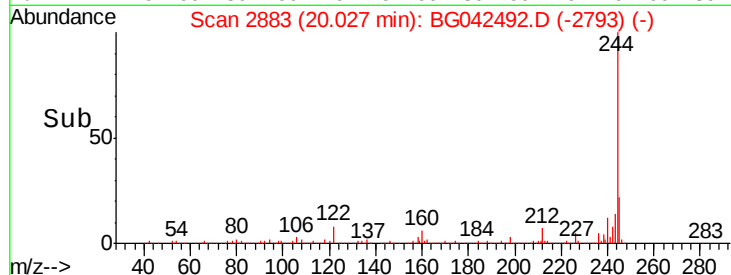
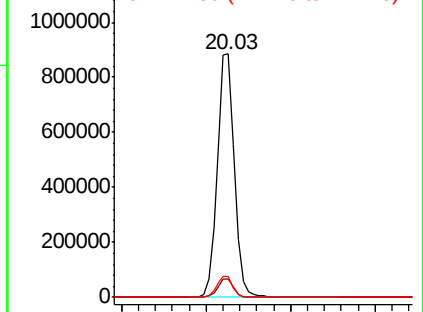
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042492.D

Acq: 26 Aug 2019 9:55

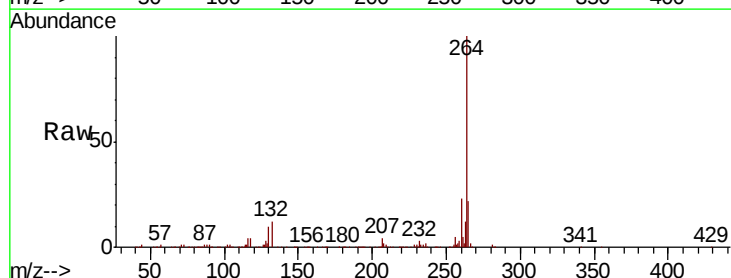
Tgt Ion:264 Resp: 429705

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 21.6 17.6 26.4



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

