

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039009.D
 Acq On : 9 Jan 2019 1:05
 Operator : JU/SJ
 Sample : K1073-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RICH-REC-ROAD-STONE-9

Quant Time: Jan 09 03:31:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

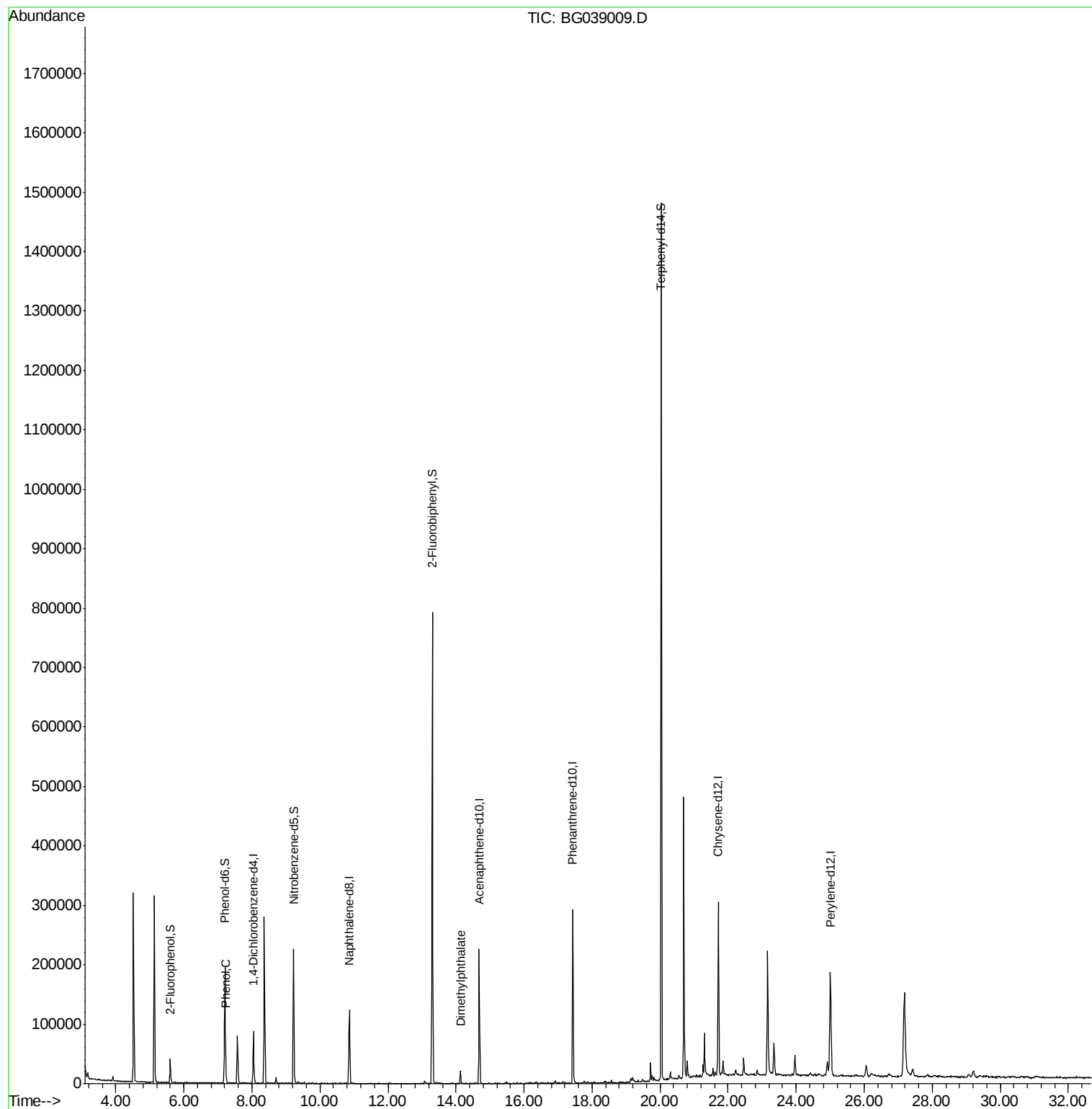
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	26721	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	115384	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	85482	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	198022	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	198199	20.00	ng	-0.02
87) Perylene-d12	25.01	264	211271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	20073	13.32	ng	0.00
7) Phenol-d6	7.21	99	122310	59.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	137640	60.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.19	330	878	0.75	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	433451	69.56	ng	-0.02
79) Terphenyl-d14	20.03	244	739102	81.16	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	5112	2.327	ng	90
50) Dimethylphthalate	14.13	163	18339	2.627	ng	97

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

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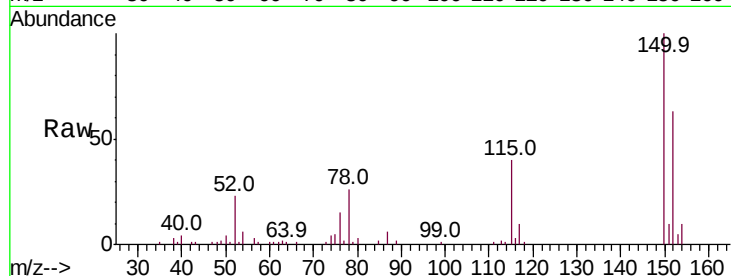


#1

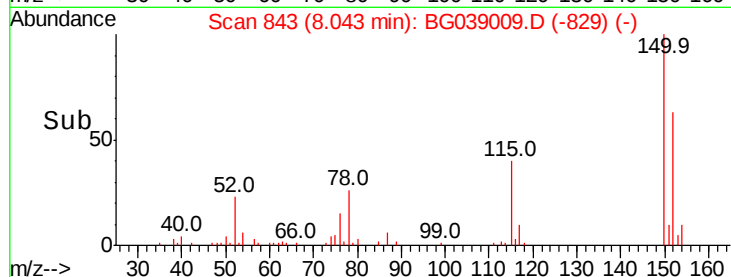
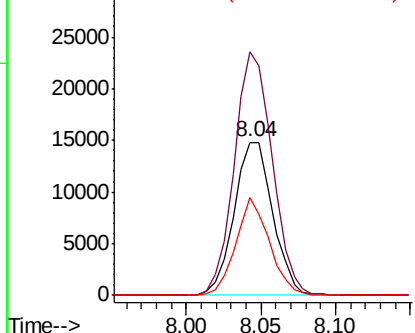
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

Instrument :
BNA_G
ClientSampleId :
RICH-REC-ROAD-STONE-9

Tot Ion:152 Resp: 26721
Ion Ratio Lower Upper
152 100
150 158.8 119.5 179.3
115 63.5 49.6 74.4



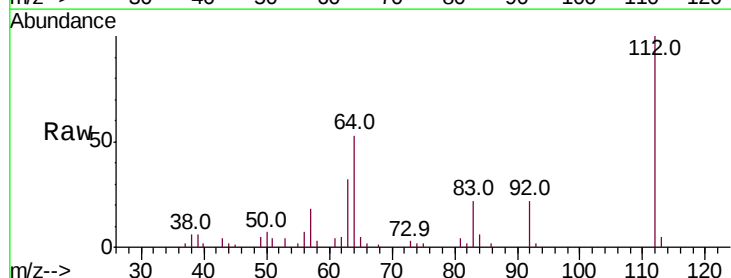
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



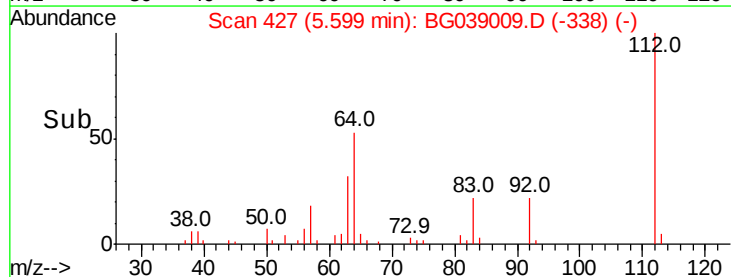
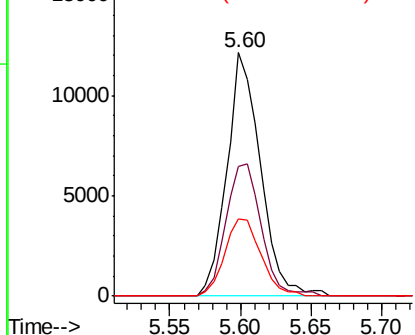
#5

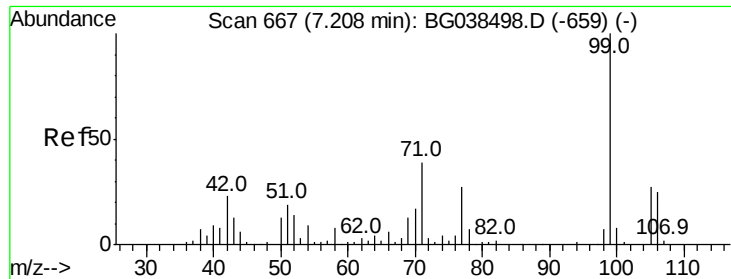
2-Fluorophenol
Concen: 13.324 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

Tgt Ion:112 Resp: 20073
Ion Ratio Lower Upper
112 100
64 53.3 53.4 80.2#
63 31.8 29.3 43.9



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: 59.138 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

Instrument :

BNA_G

ClientSampleId :

RICH-REC-ROAD-STONE-9

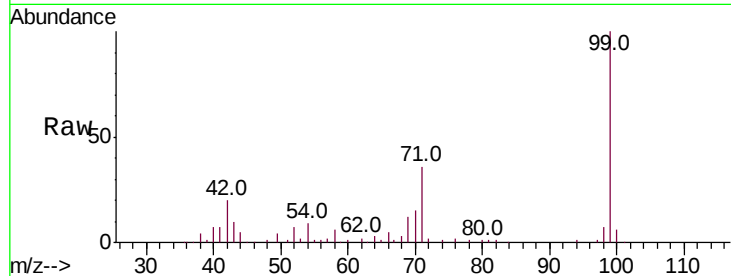
Tot Ion: 99 Resp: 122310

Ion Ratio Lower Upper

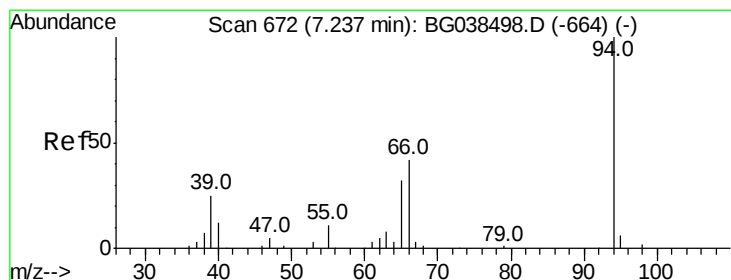
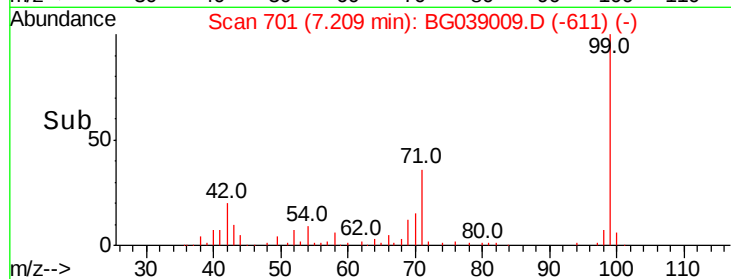
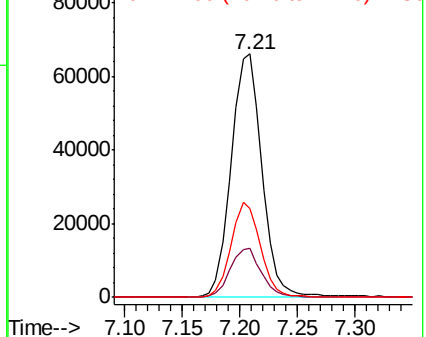
99 100

42 20.1 18.5 27.7

71 36.2 31.1 46.7



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



#10

Phenol

Concen: 2.327 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

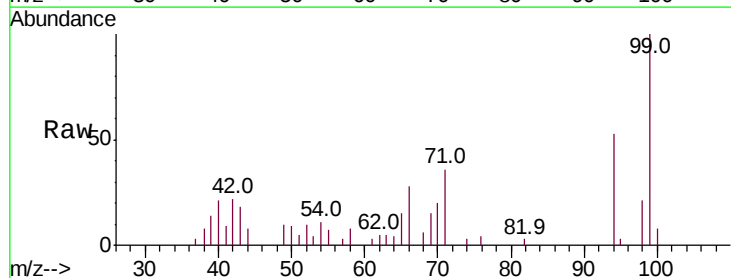
Tgt Ion: 94 Resp: 5112

Ion Ratio Lower Upper

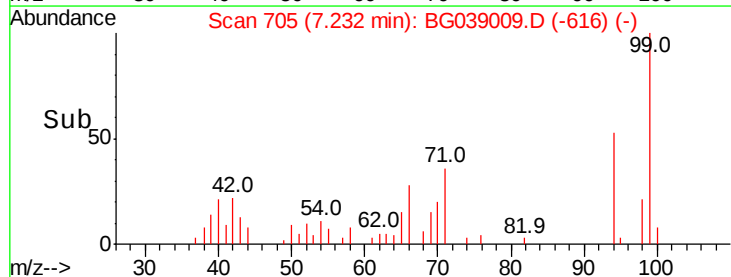
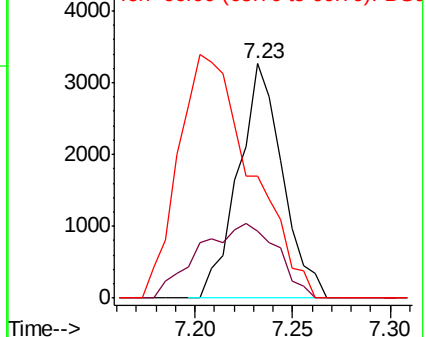
94 100

65 28.5 12.6 52.6

66 52.1 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

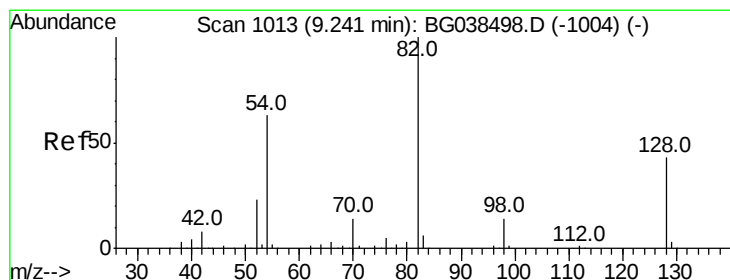
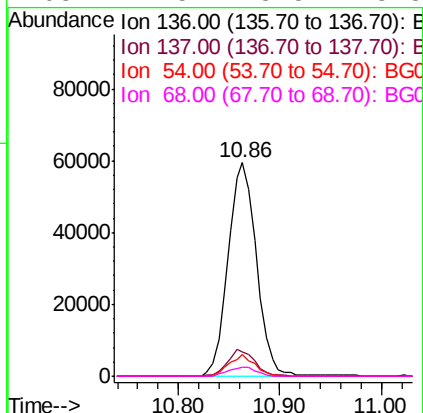
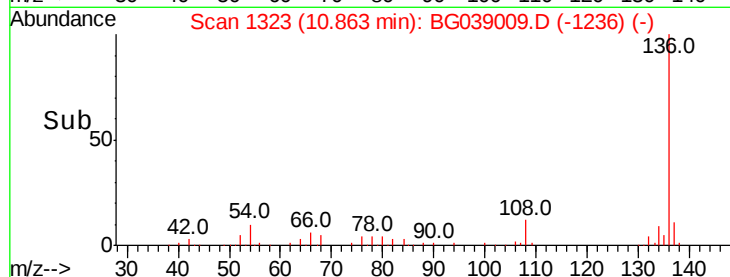
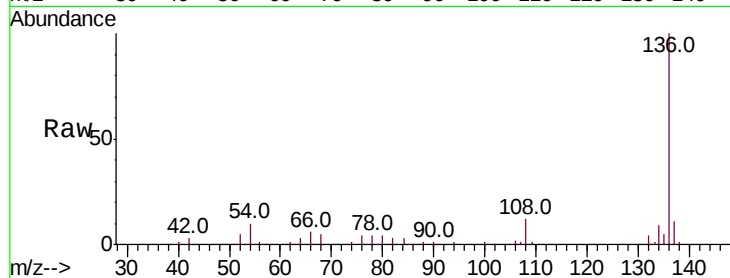




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

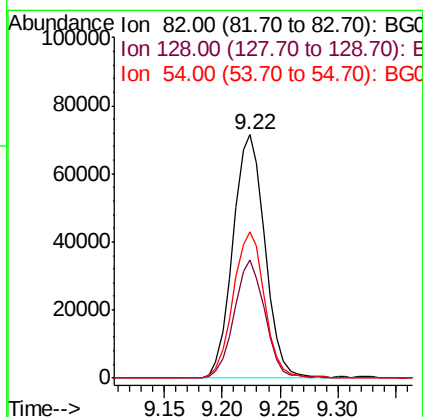
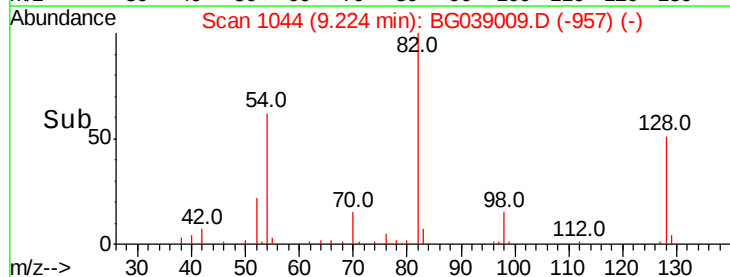
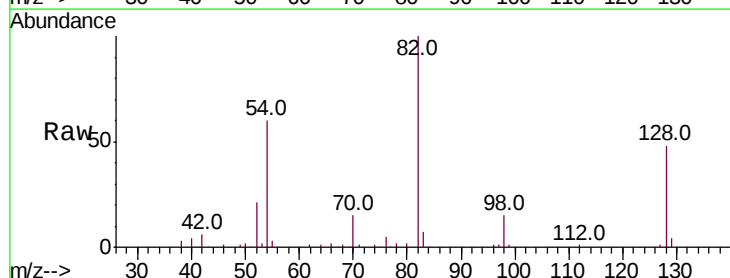
Instrument :
BNA_G
ClientSampleId :
RICH-REC-ROAD-STONE-9

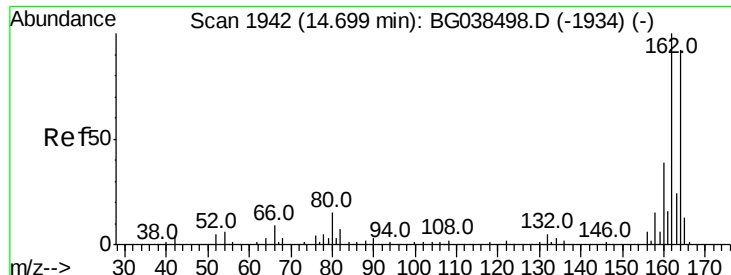
Tot Ion:136	Resp:	115384
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.3 13.9
54	10.3	8.5 12.7
68	4.5	3.5 5.3



#23
Nitrobenzene-d5
Concen: 60.941 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

Tgt Ion: 82	Resp:	137640
Ion	Ratio	Lower Upper
82	100	
128	48.4	34.6 52.0
54	60.2	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

Instrument :

BNA_G

ClientSampleId :

RICH-REC-ROAD-STONE-9

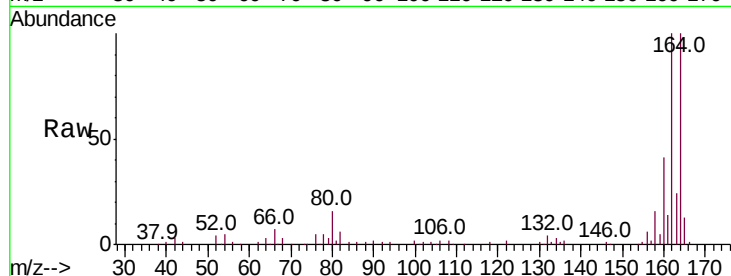
Tot Ion:164 Resp: 85482

Ion Ratio Lower Upper

164 100

162 99.6 86.6 130.0

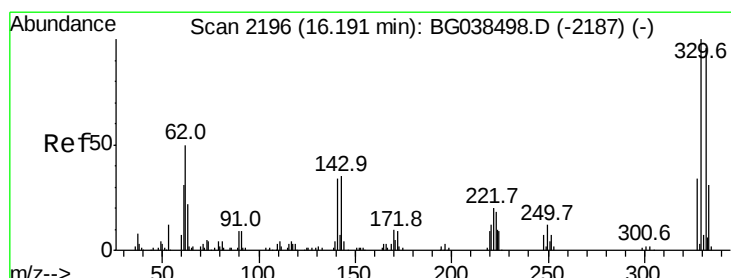
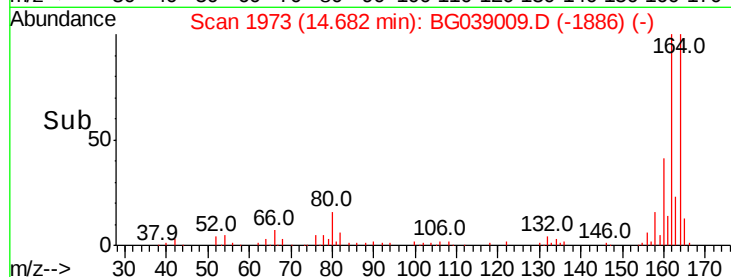
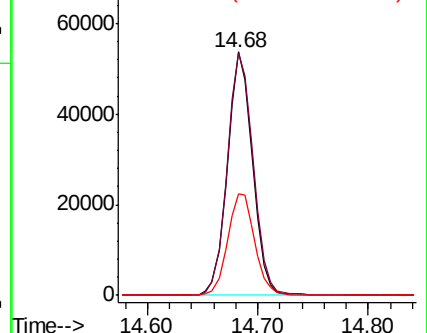
160 41.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.745 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

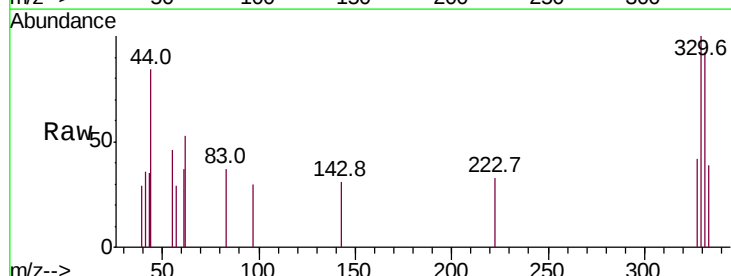
Tgt Ion:330 Resp: 878

Ion Ratio Lower Upper

330 100

332 103.2 76.9 115.3

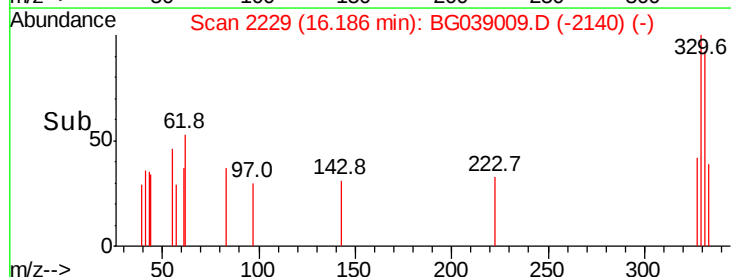
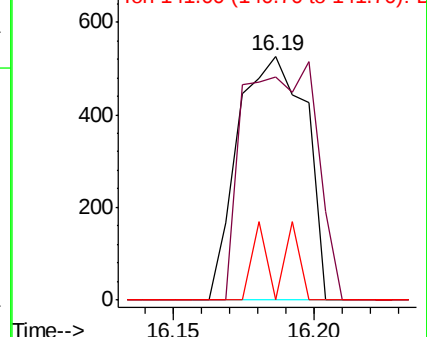
141 13.6 28.8 43.2#



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

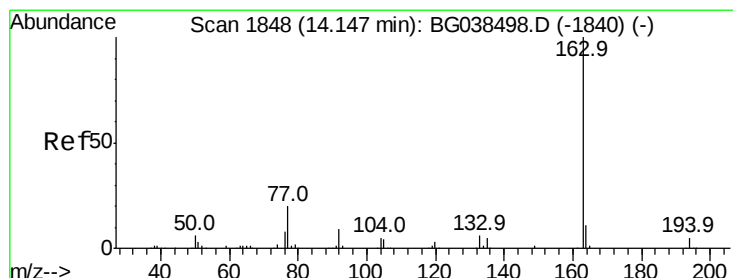
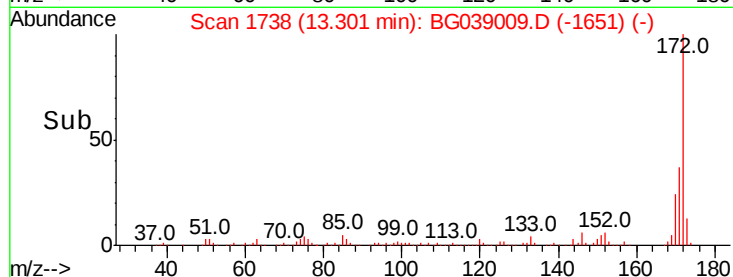
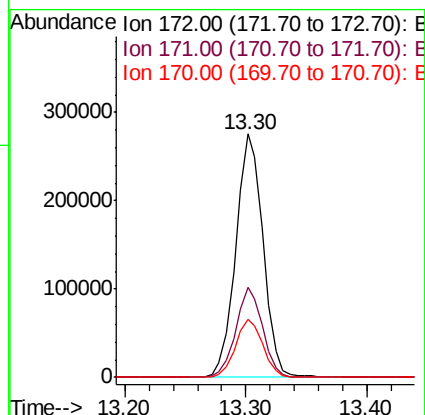
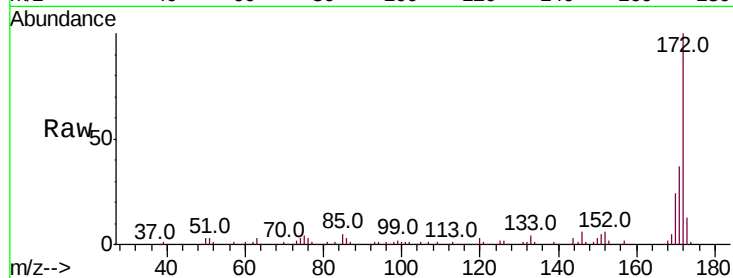




#45
 2-Fluorobiphenyl
 Concen: 69.562 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG039009.D
 Acq: 9 Jan 2019 1:05

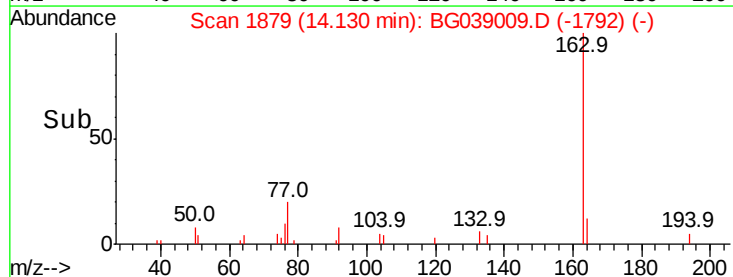
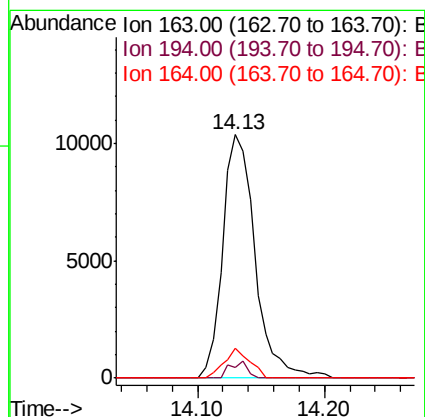
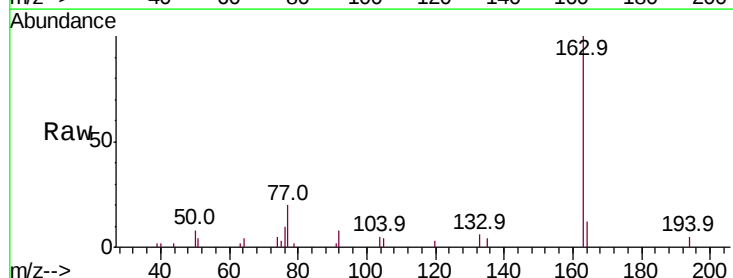
Instrument :
 BNA_G
 ClientSampleId :
 RICH-REC-ROAD-STONE-9

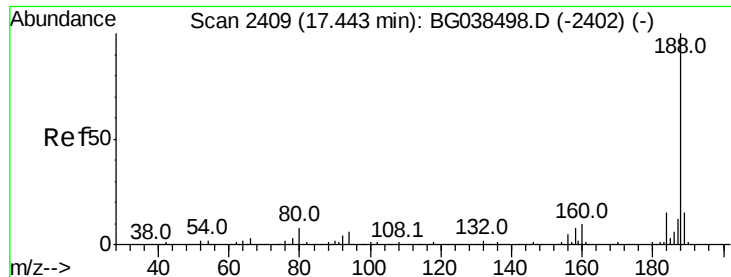
Tot Ion:172 Resp: 433451
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 23.6 19.5 29.3



#50
 Dimethylphthalate
 Concen: 2.627 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG039009.D
 Acq: 9 Jan 2019 1:05

Tgt Ion:163 Resp: 18339
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.7 5.5
 164 12.2 8.6 12.8

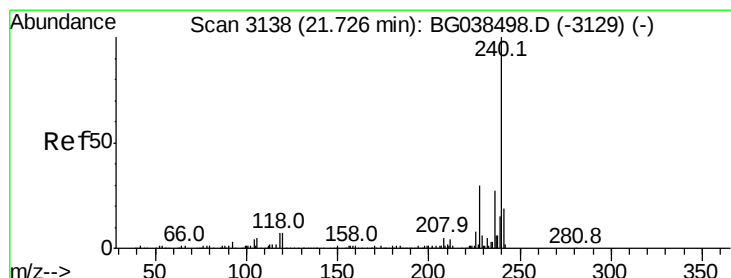
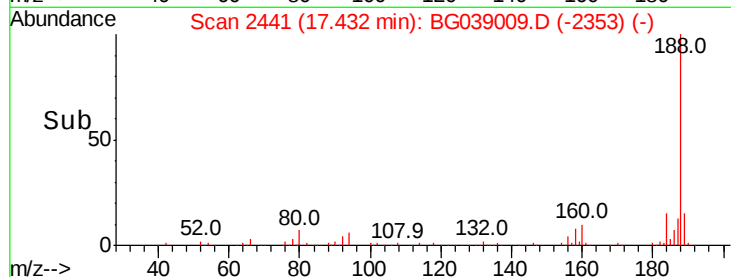
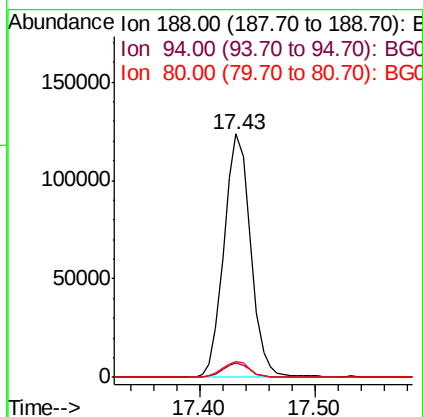
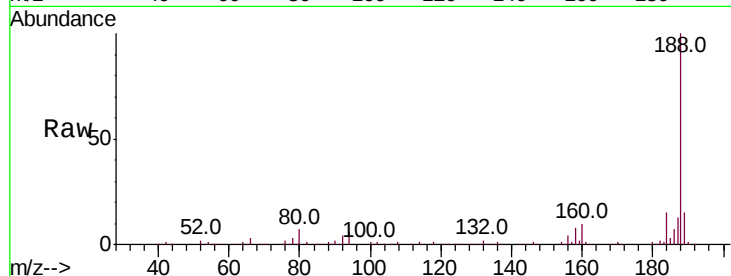




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

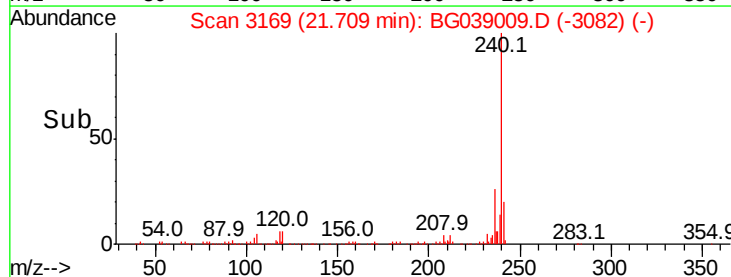
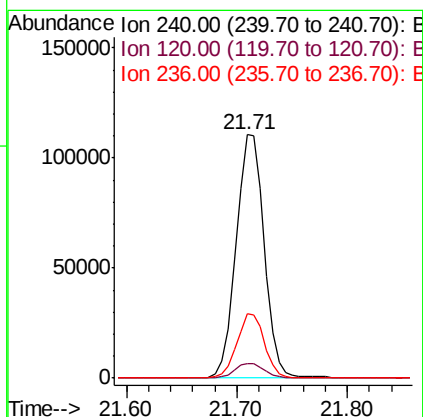
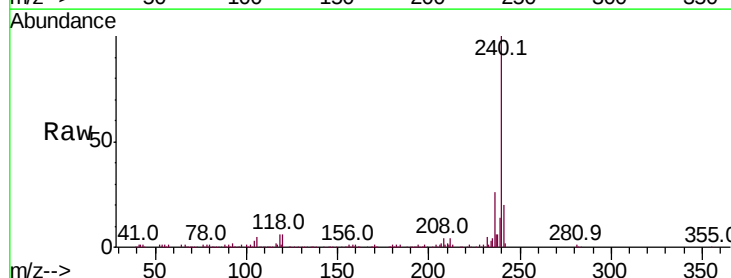
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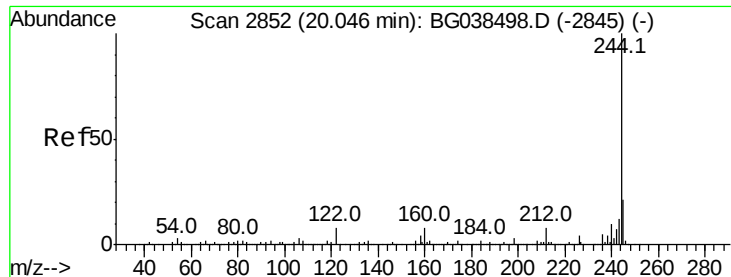
Tot Ion:188 Resp: 198022
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 6.7 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG039009.D
Acq: 9 Jan 2019 1:05

Tgt Ion:240 Resp: 198199
Ion Ratio Lower Upper
240 100
120 6.0 5.3 7.9
236 26.4 21.4 32.2





#79

Terphenyl-d14

Concen: 81.157 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

Instrument :

BNA_G

ClientSampleId :

RICH-REC-ROAD-STONE-9

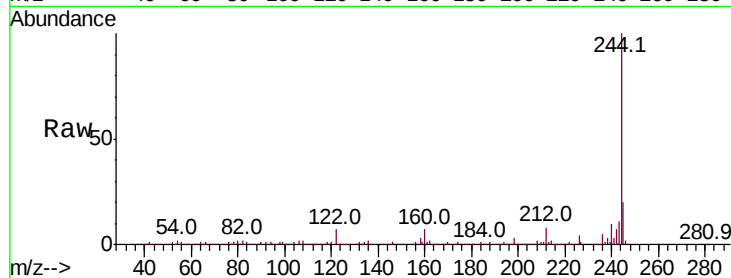
Tot Ion:244 Resp: 739102

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

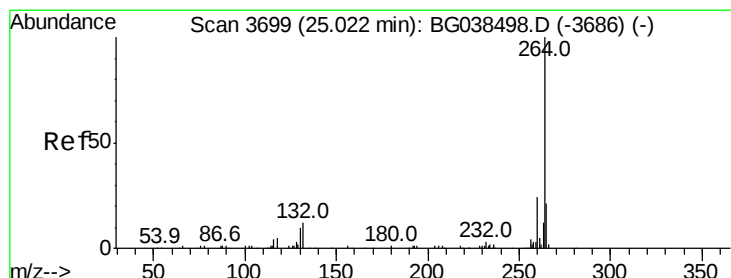
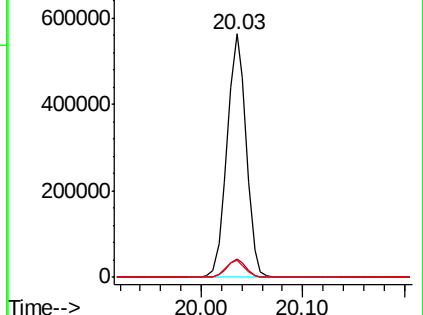
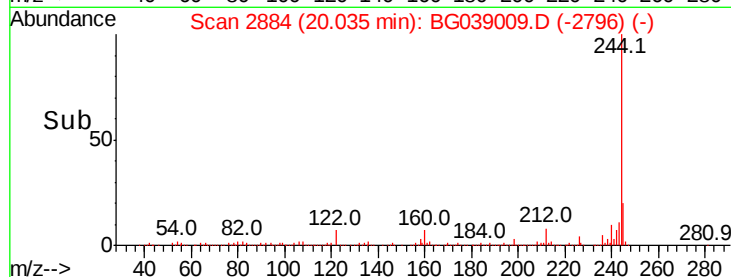
122 6.9 6.3 9.5



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: 25.01 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG039009.D

Acq: 9 Jan 2019 1:05

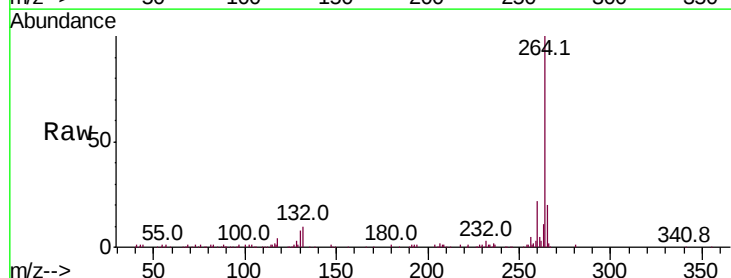
Tgt Ion:264 Resp: 211271

Ion Ratio Lower Upper

264 100

260 21.6 18.9 28.3

265 20.3 17.0 25.4



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

