

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032324.D
 Acq On : 26 Jan 2018 11:01
 Operator : SJ/JU
 Sample : J1020-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-012418-A

Quant Time: Jan 26 12:22:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

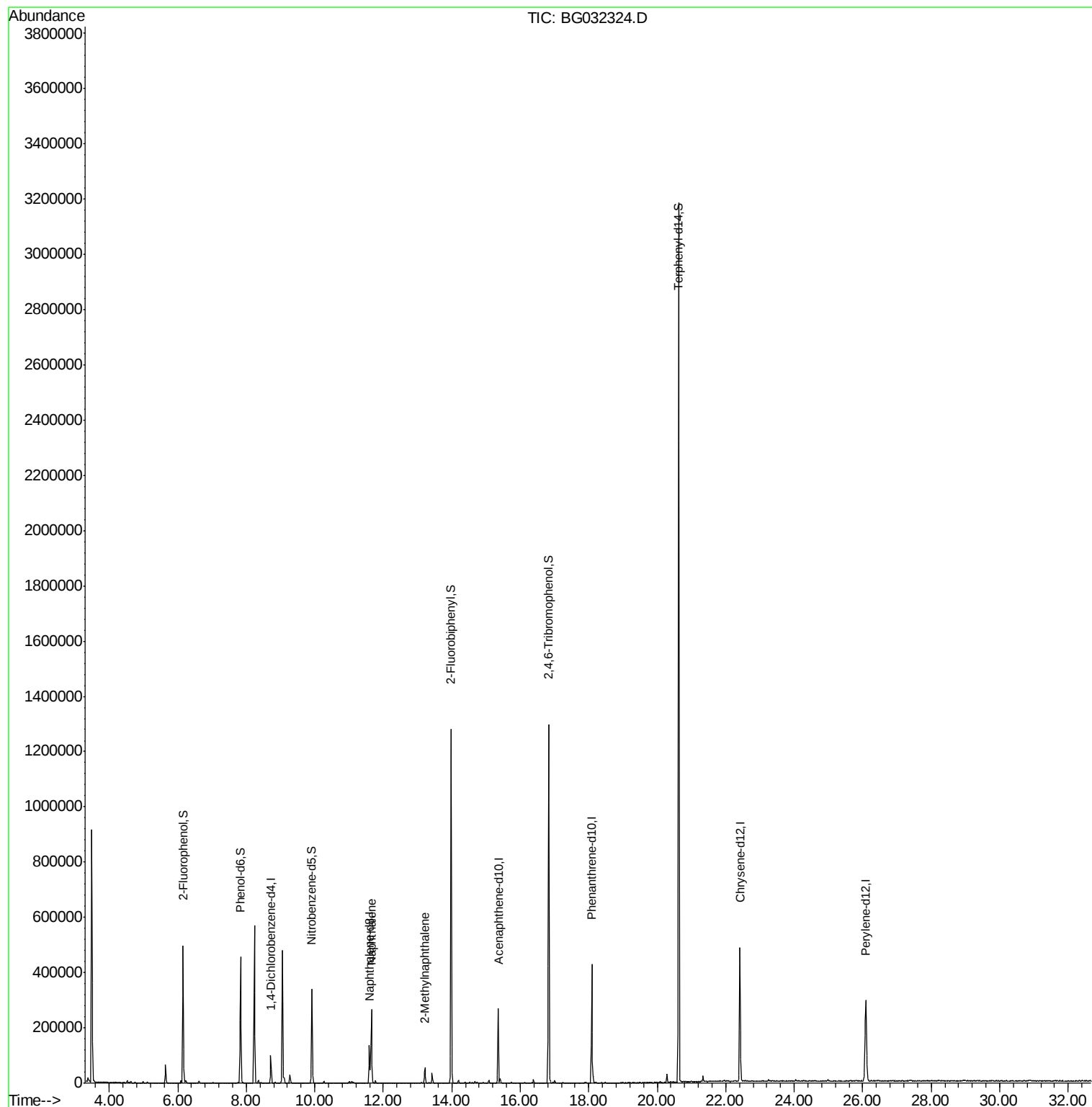
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	32111	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	132451	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	103081	20.00	ng	-0.01
63) Phenanthrene-d10	18.09	188	302036	20.00	ng	0.00
75) Chrysene-d12	22.41	240	373085	20.00	ng	-0.01
86) Perylene-d12	26.09	264	389423	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	239384	136.34	ng	0.00
7) Phenol-d6	7.83	99	271861	122.95	ng	0.00
23) Nitrobenzene-d5	9.92	82	209173	106.84	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	301655	176.85	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	760782	91.51	ng	0.00
78) Terphenyl-d14	20.63	244	1669773	98.82	ng	0.00
Target Compounds						
31) Naphthalene	11.66	128	249052	37.958	ng	99
37) 2-Methylnaphthalene	13.22	142	28008	5.377	ng	97

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

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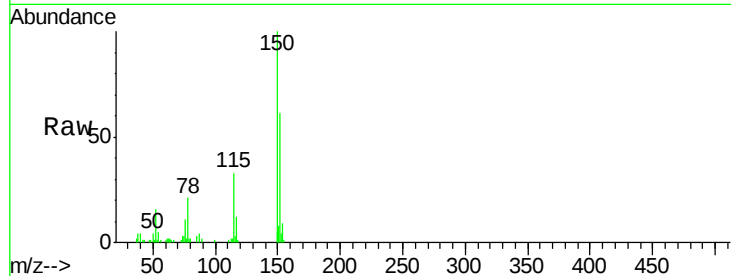


#1

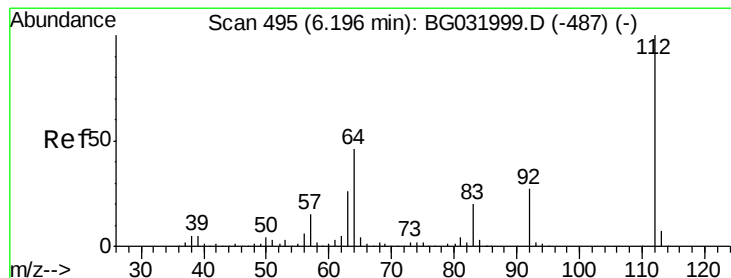
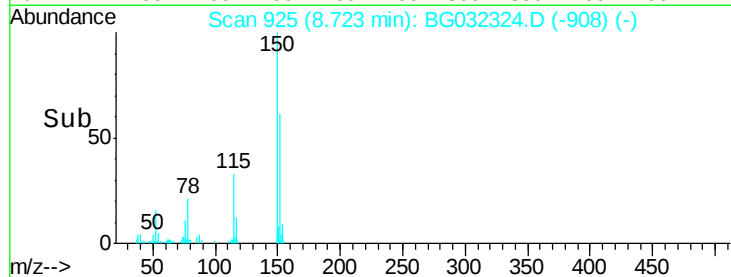
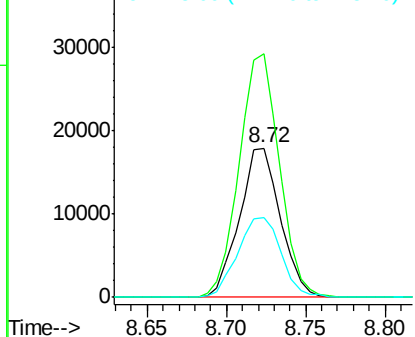
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032324.D
Acq: 26 Jan 2018 11:01

Instrument :
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PL-01-012418-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	126.6	189.8
115	53.2	53.0	79.4



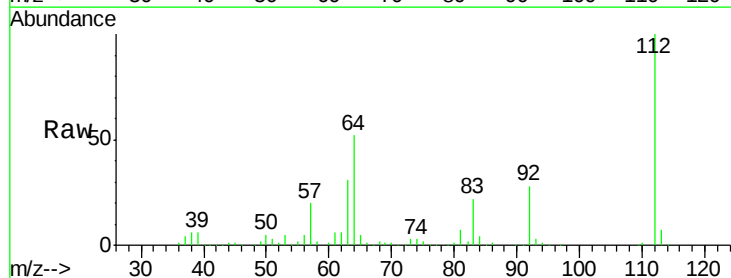
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



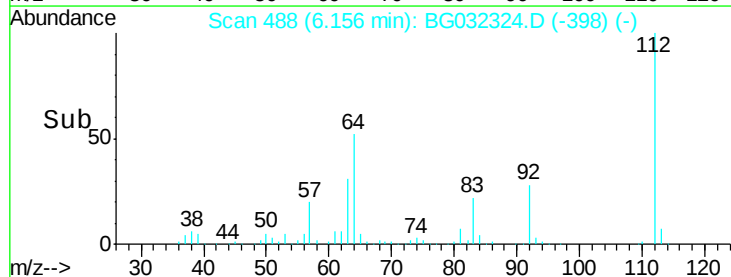
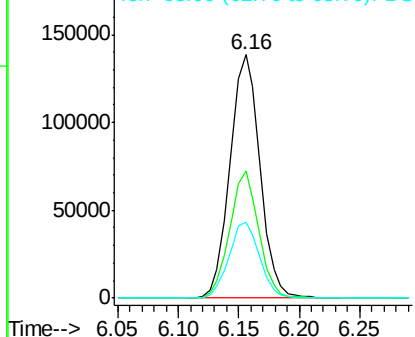
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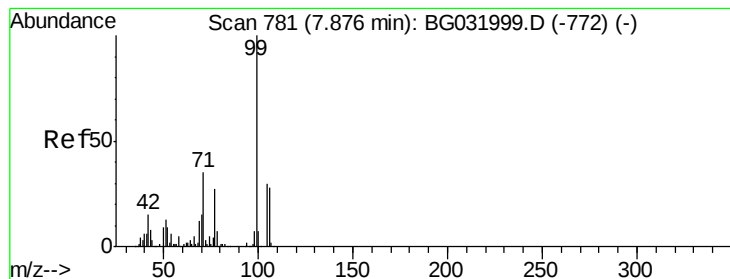
2-Fluorophenol
Concen: 136.345 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032324.D
Acq: 26 Jan 2018 11:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	56.3	84.5#
63	31.0	30.1	45.1



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: 122.946 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG032324.D

Acq: 26 Jan 2018 11:01

Instrument :

BNA_G

ClientSampleId :

PL-01-012418-A

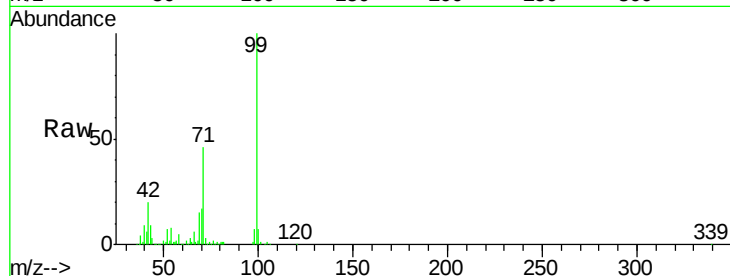
Tot Ion: 99 Resp: 271861

Ion Ratio Lower Upper

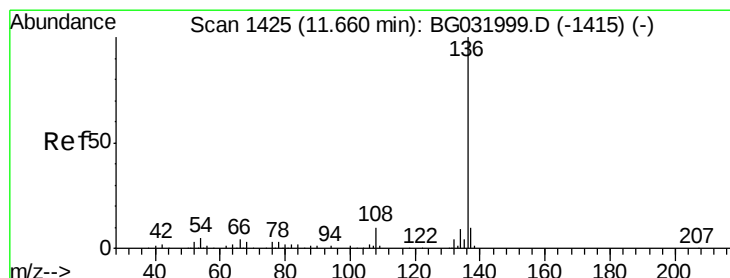
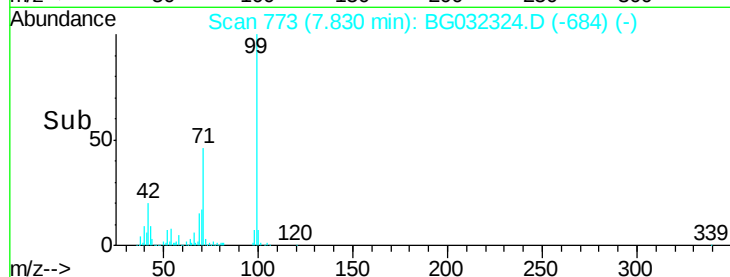
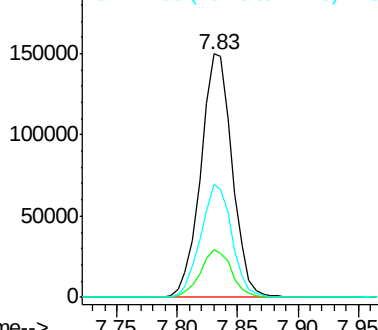
99 100

42 19.7 14.1 21.1

71 46.3 26.1 39.1#



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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032324.D

Acq: 26 Jan 2018 11:01

Tgt Ion: 136 Resp: 132451

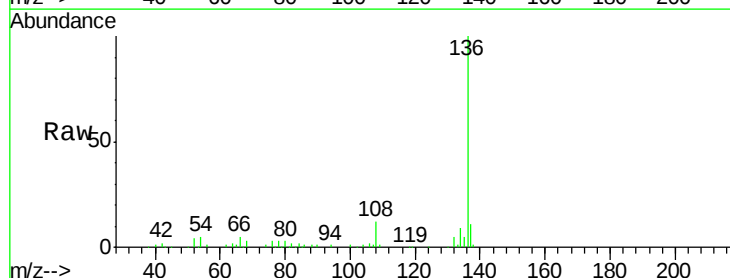
Ion Ratio Lower Upper

136 100

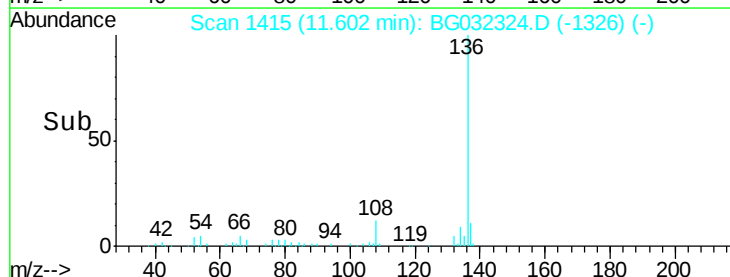
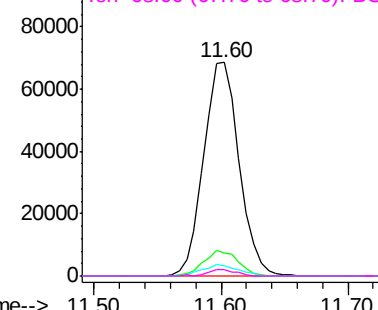
137 10.6 9.2 13.8

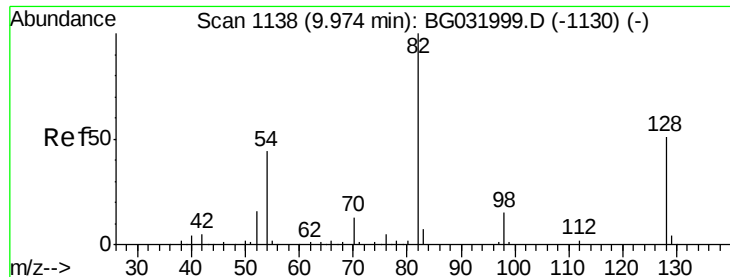
54 5.1 10.3 15.5#

68 2.8 4.5 6.7#



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

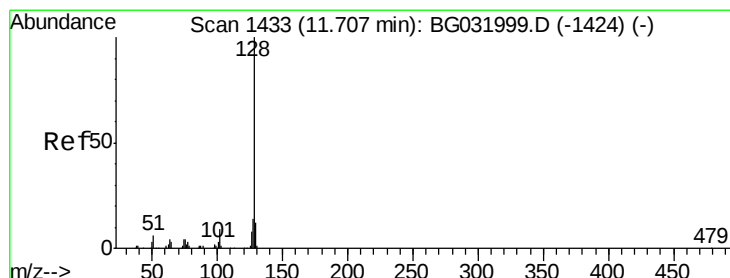
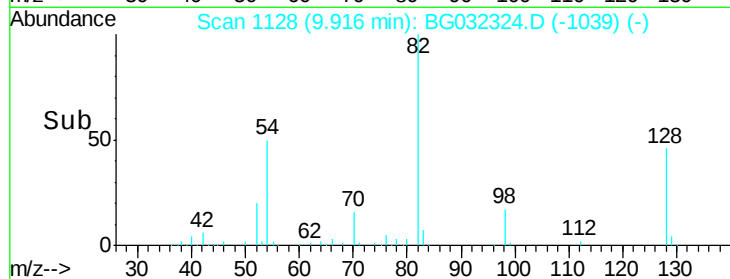
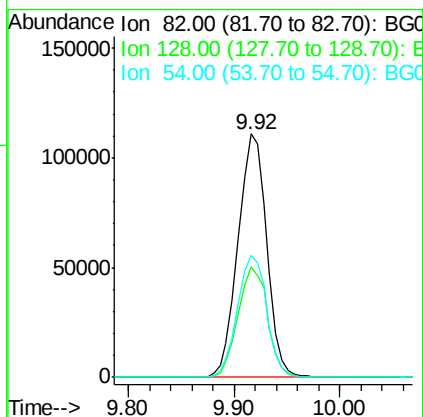
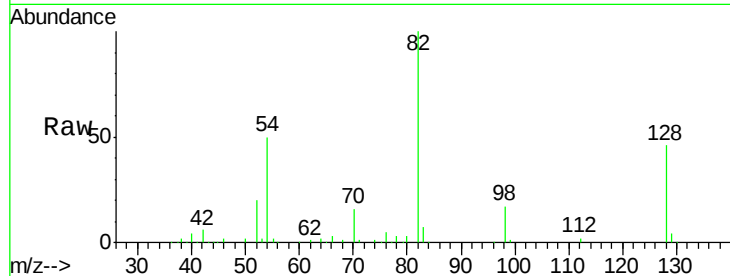




#23
Nitrobenzene-d5
Concen: 106.843 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032324.D
Acq: 26 Jan 2018 11:01

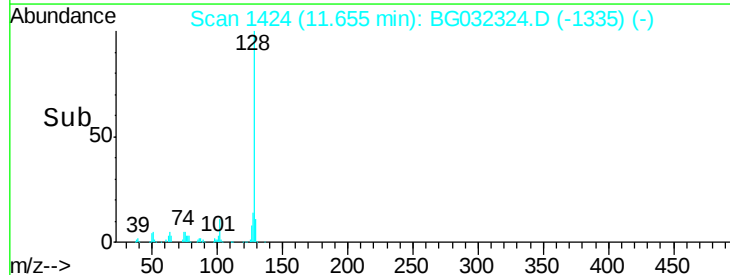
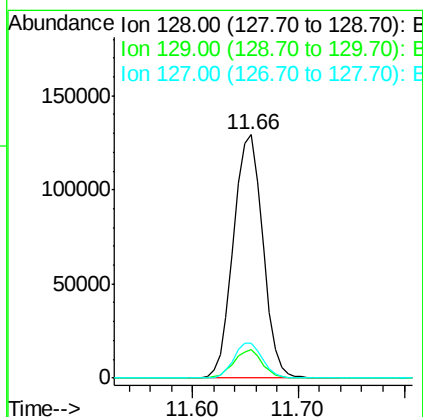
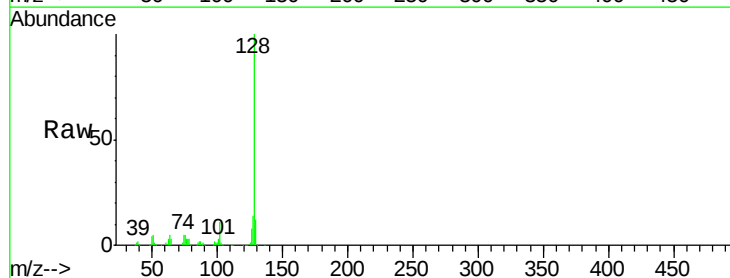
Instrument :
BNA_G
ClientSampleId :
PL-01-012418-A

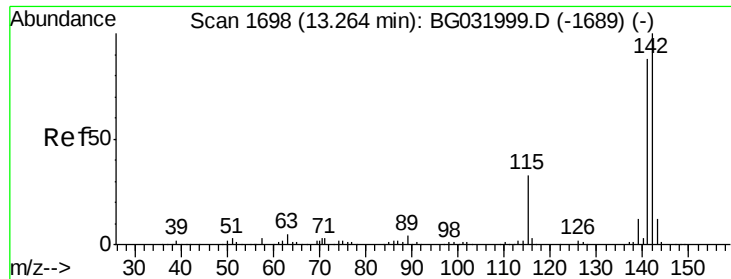
Tot Ion	82	Resp	209173
Ion Ratio	100	Lower	Upper
128	45.6	29.7	44.5#
54	50.4	43.1	64.7



#31
Naphthalene
Concen: 37.958 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032324.D
Acq: 26 Jan 2018 11:01

Tgt Ion	128	Resp	249052
Ion Ratio	100	Lower	Upper
129	11.6	8.6	12.8
127	14.2	11.6	17.4

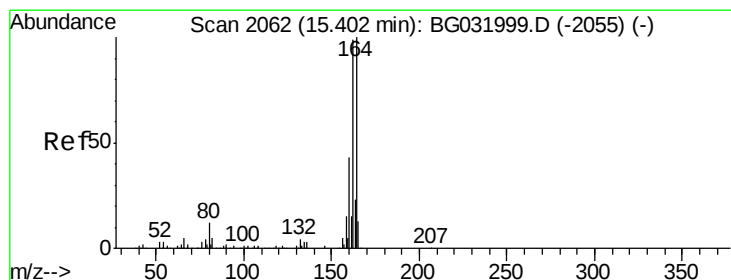
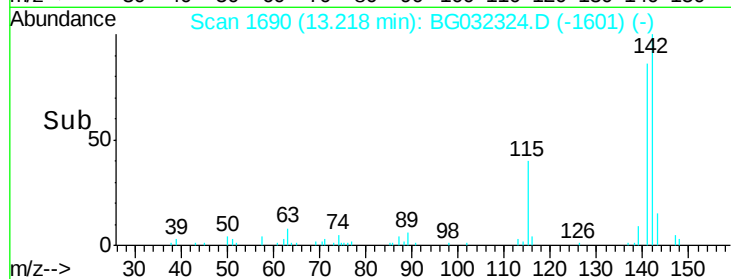
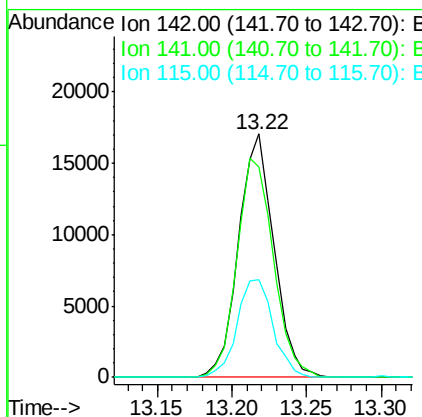
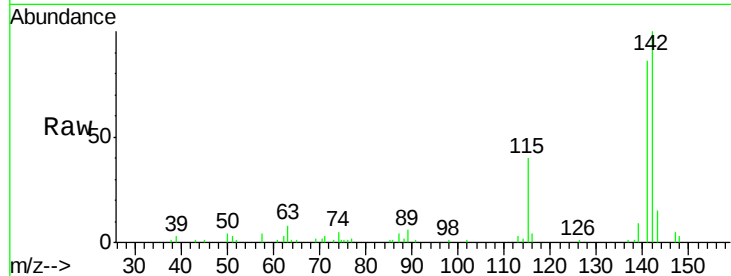




#37
2-Methylnaphthalene
Concen: 5.377 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BG032324.D
Acq: 26 Jan 2018 11:01

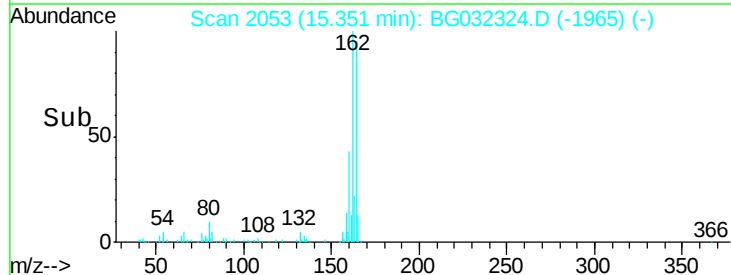
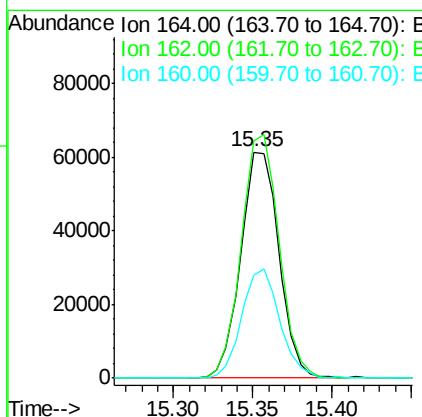
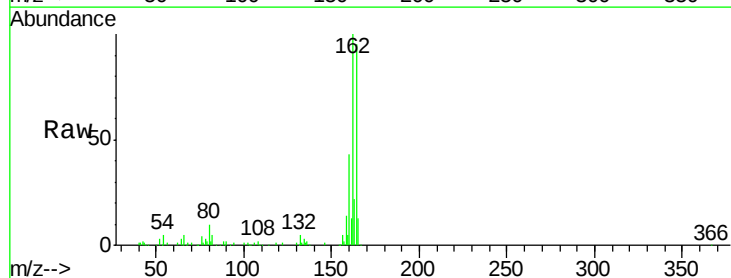
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BNA_G
ClientSampleId :
PL-01-012418-A

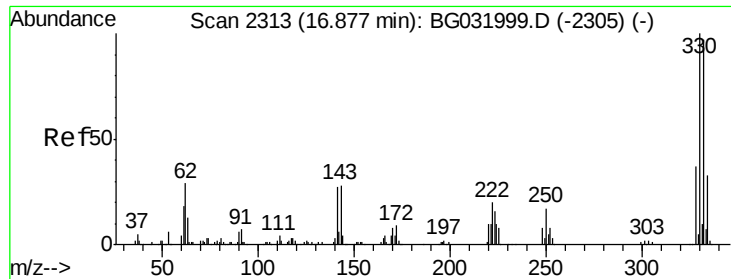
Tot Ion:142 Resp: 28008
Ion Ratio Lower Upper
142 100
141 86.2 67.1 100.7
115 40.3 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG032324.D
Acq: 26 Jan 2018 11:01

Tgt Ion:164 Resp: 103081
Ion Ratio Lower Upper
164 100
162 104.8 78.8 118.2
160 45.5 35.4 53.0

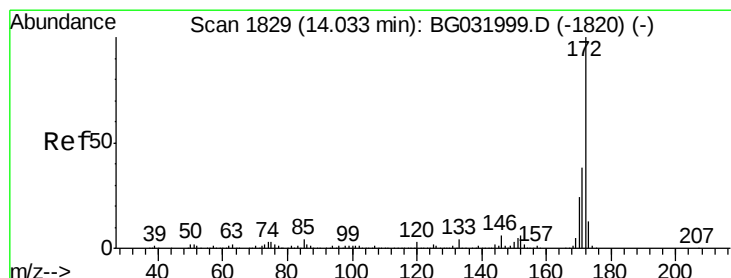
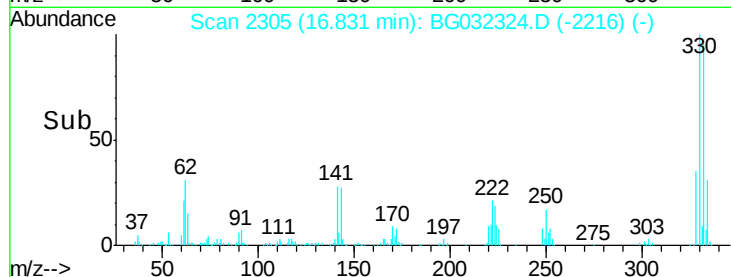
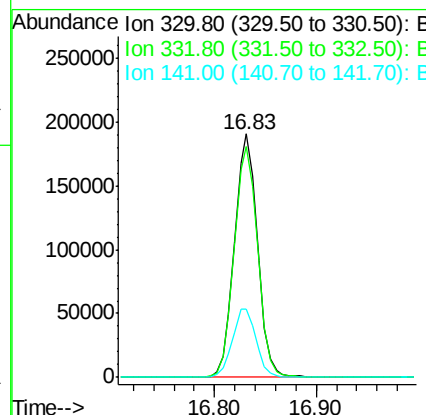
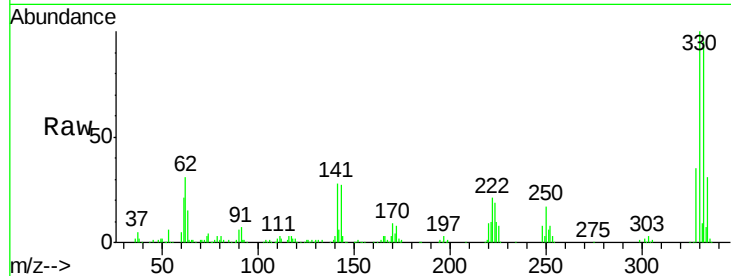




#41
 2,4,6-Tribromophenol
 Concen: 176.846 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032324.D
 Acq: 26 Jan 2018 11:01

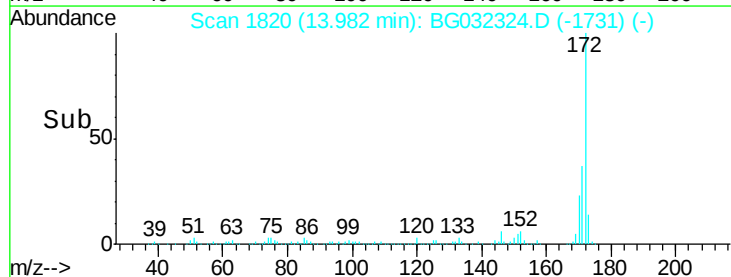
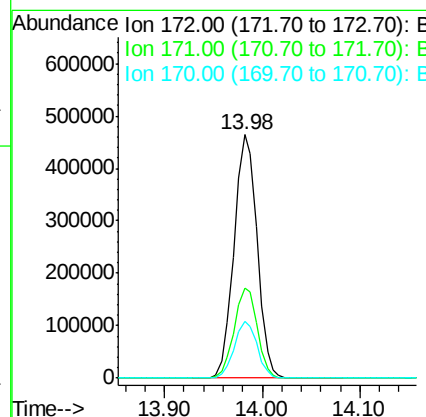
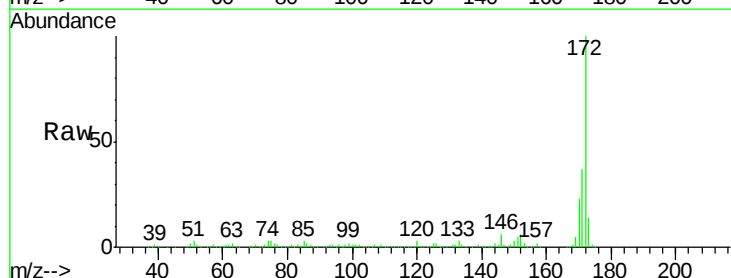
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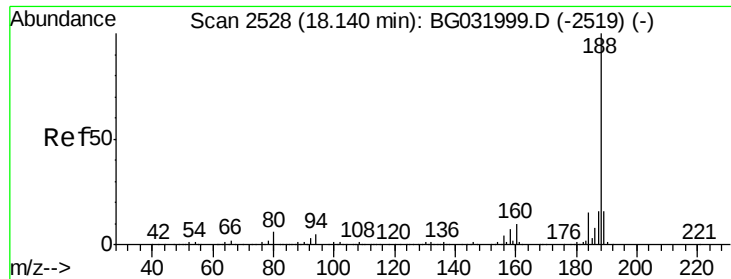
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	28.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 91.514 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032324.D
 Acq: 26 Jan 2018 11:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.2	19.5	29.3

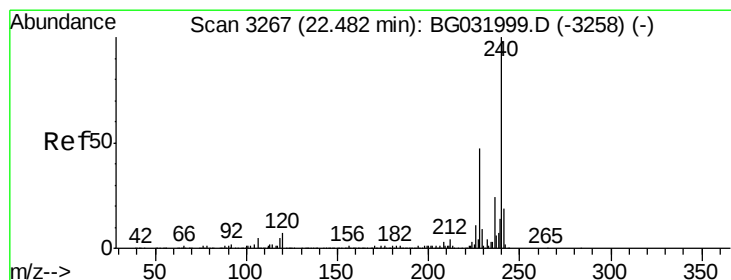
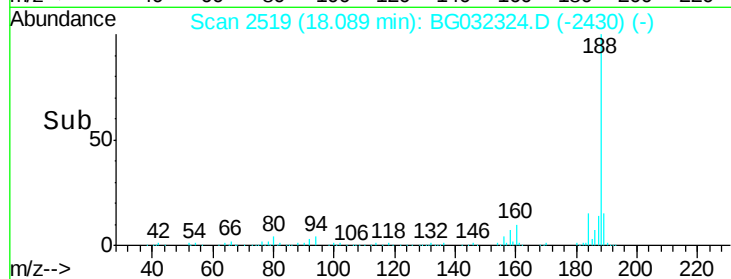
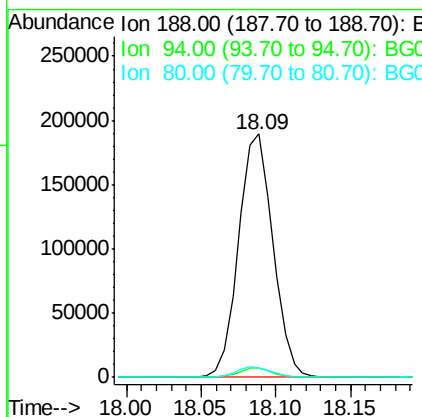
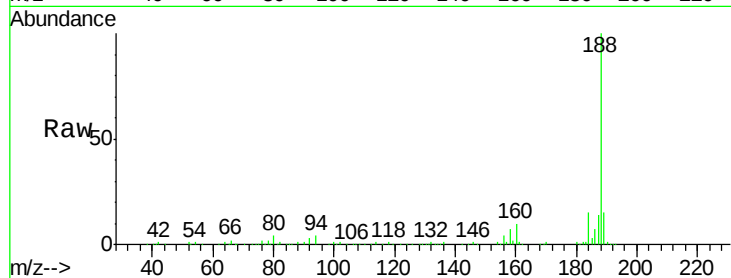




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032324.D
Acq: 26 Jan 2018 11:01

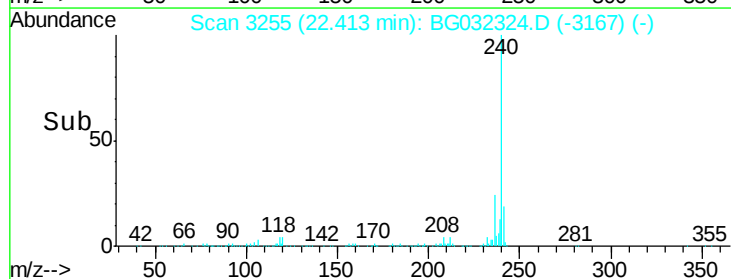
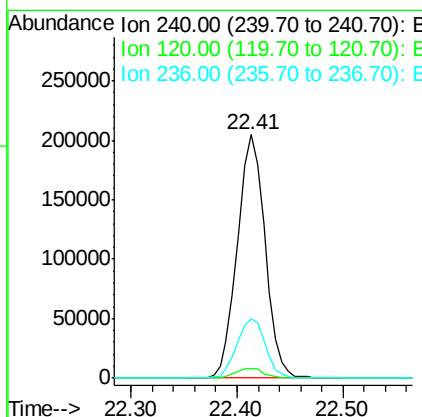
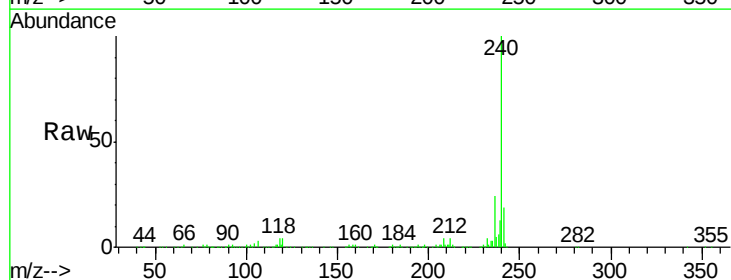
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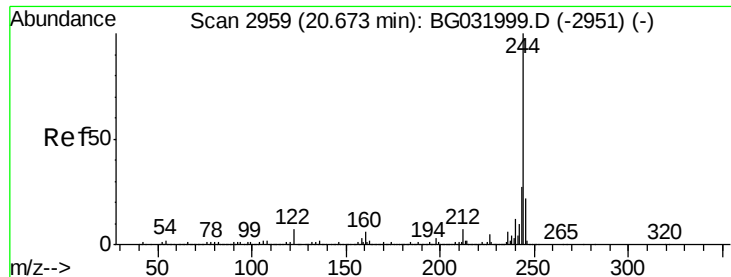
Tot Ion:188 Resp: 302036
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 4.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032324.D
Acq: 26 Jan 2018 11:01

Tgt Ion:240 Resp: 373085
Ion Ratio Lower Upper
240 100
120 4.0 6.8 10.2#
236 24.4 20.9 31.3



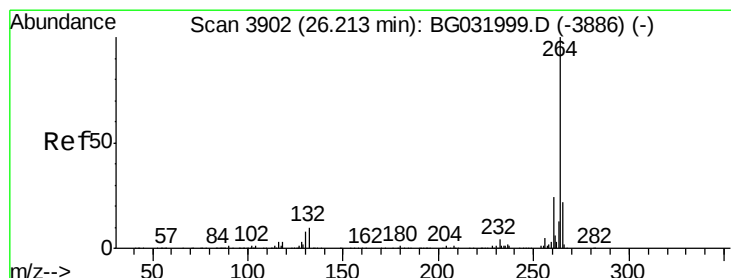
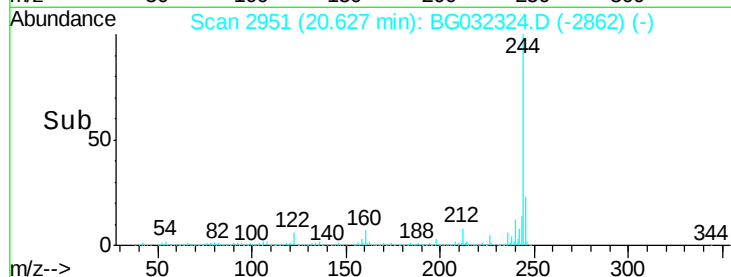
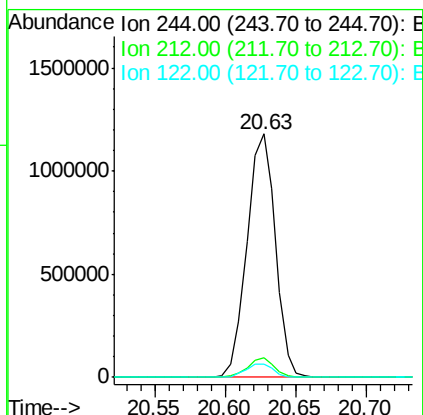
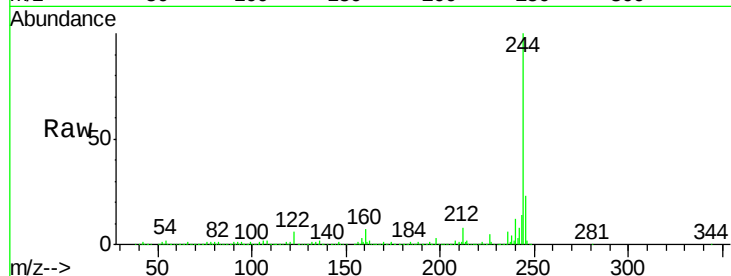


#78
 Terphenyl-d14
 Concen: 98.823 ng
 RT: 20.63 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BG032324.D
 Acq: 26 Jan 2018 11:01

Instrument :
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 ClientSampleId :
 PL-01-012418-A

Tot Ion:244 Resp: 1669773

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	5.7	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.09 min Scan# 3881
 Delta R.T. -0.02 min
 Lab File: BG032324.D
 Acq: 26 Jan 2018 11:01

Tgt Ion:264 Resp: 389423

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.3	17.7	26.5

