

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032474.D
 Acq On : 31 Jan 2018 20:31
 Operator : SJ/JU
 Sample : J1015-27
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-013018-D

Quant Time: Feb 01 02:38:55 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26951	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	100055	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	71976	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	212325	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	289325	20.00	ng	-0.01
86) Perylene-d12	26.08	264	310802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	166860	124.35	ng	0.00
7) Phenol-d6	7.84	99	193984	108.34	ng	0.00
23) Nitrobenzene-d5	9.91	82	146814	91.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	214363	156.46	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	540689	89.29	ng	-0.02
78) Terphenyl-d14	20.61	244	1276320	94.50	ng	-0.01

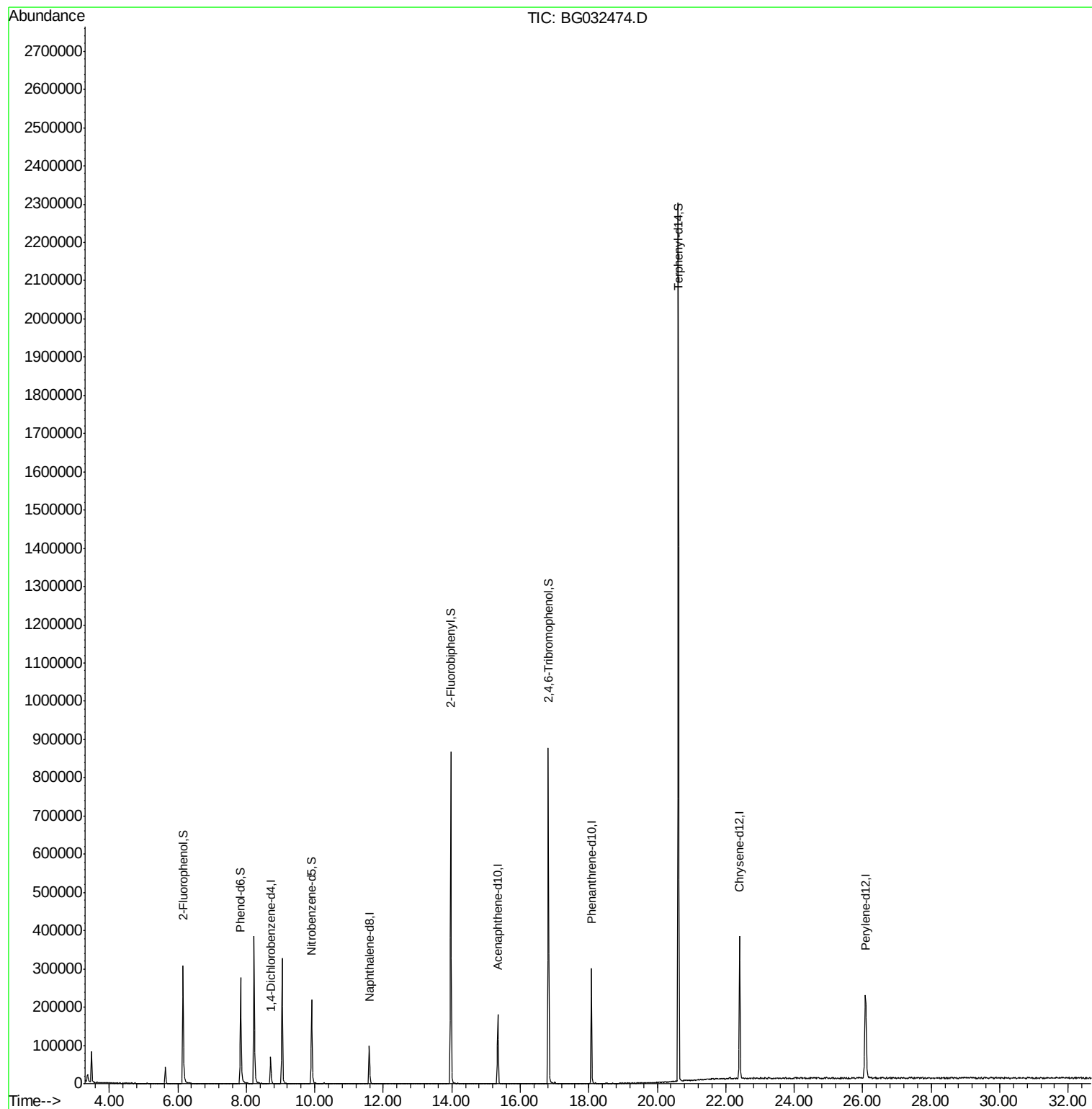
Target Compounds Qvalue

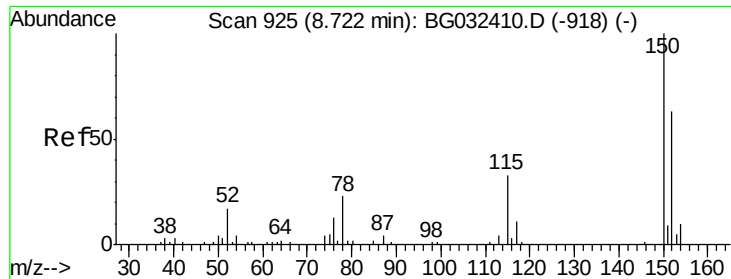
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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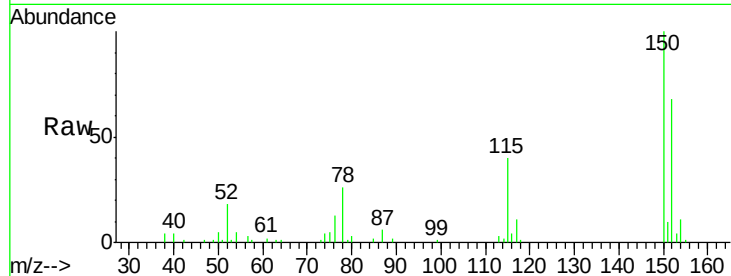


#1

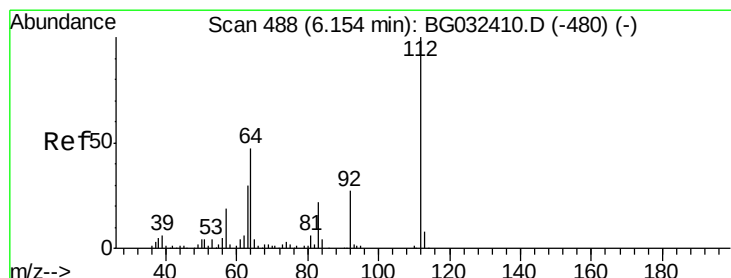
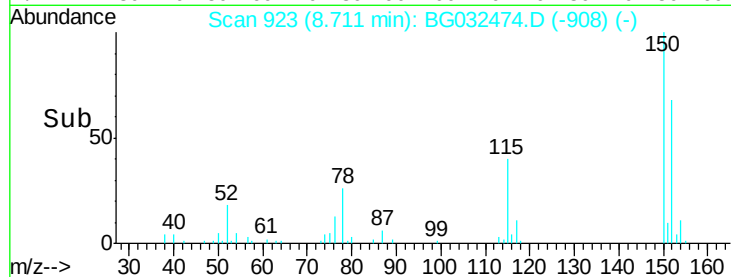
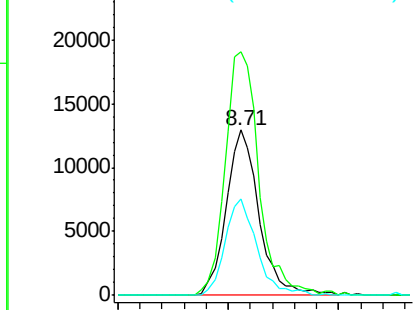
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-013018-D

Tot Ion:152 Resp: 26951
 Ion Ratio Lower Upper
 152 100
 150 147.4 126.6 189.8
 115 58.7 53.0 79.4



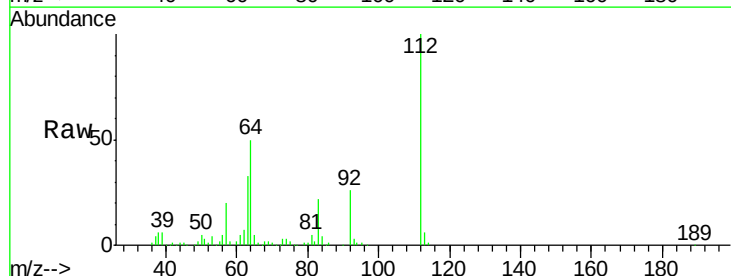
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



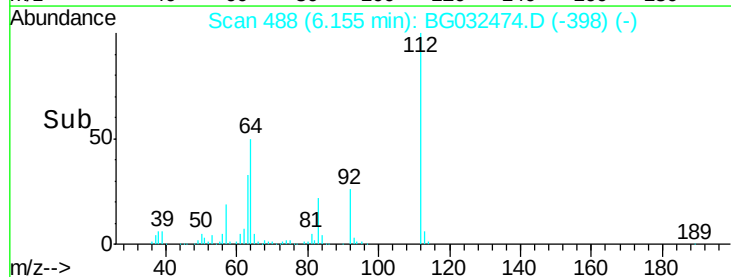
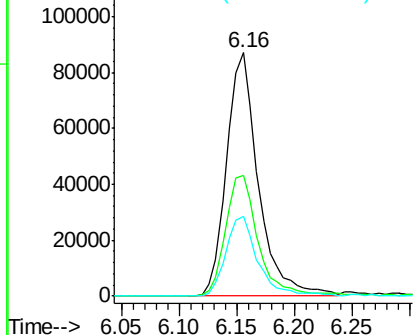
#5

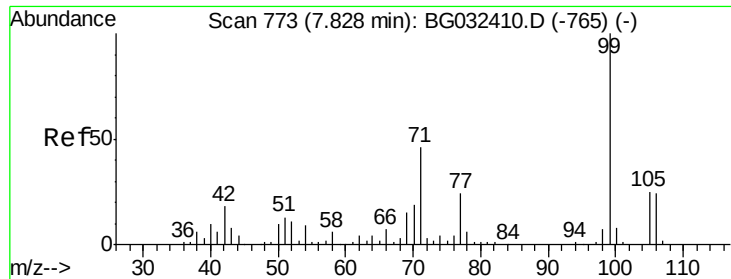
2-Fluorophenol
 Concen: 124.354 ng
 RT: 6.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

Tgt Ion:112 Resp: 166860
 Ion Ratio Lower Upper
 112 100
 64 49.6 56.3 84.5#
 63 32.9 30.1 45.1



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: 108.339 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032474.D

Acq: 31 Jan 2018 20:31

Instrument :

BNA_G

ClientSampleId :

CL-02-013018-D

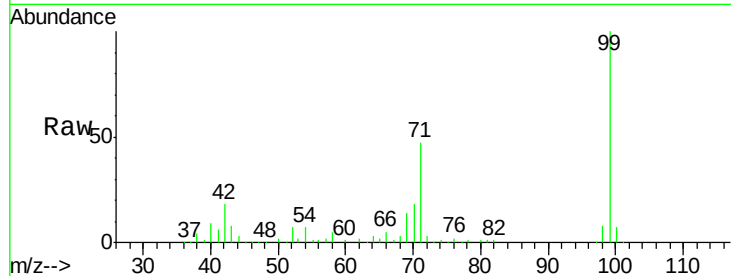
Tot Ion: 99 Resp: 193984

Ion Ratio Lower Upper

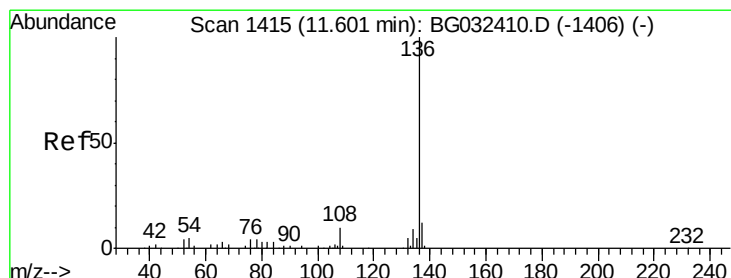
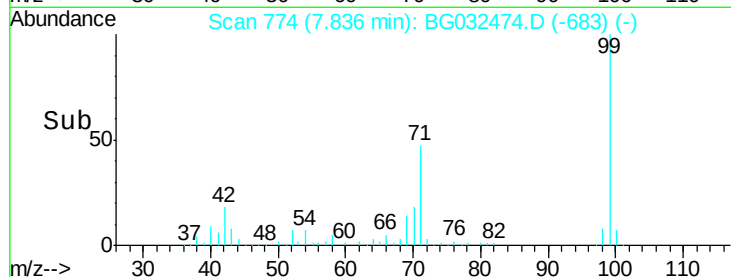
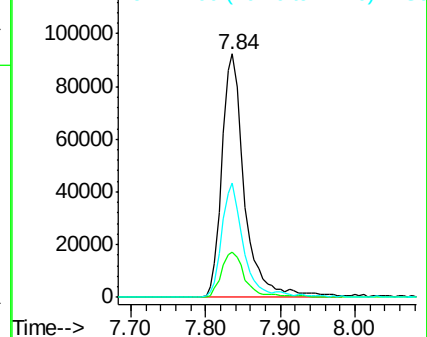
99 100

42 18.3 14.1 21.1

71 46.8 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032474.D

Acq: 31 Jan 2018 20:31

Tgt Ion: 136 Resp: 100055

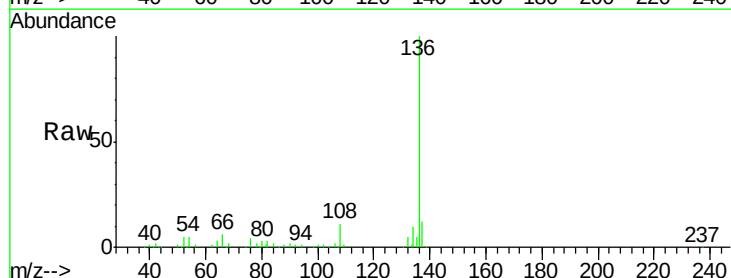
Ion Ratio Lower Upper

136 100

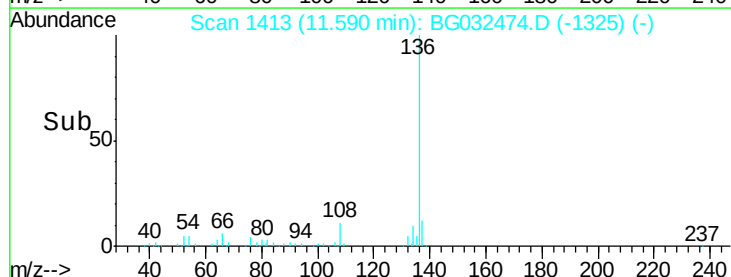
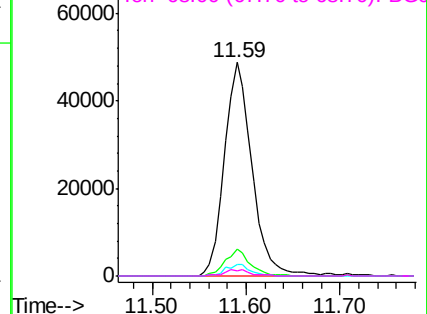
137 12.4 9.2 13.8

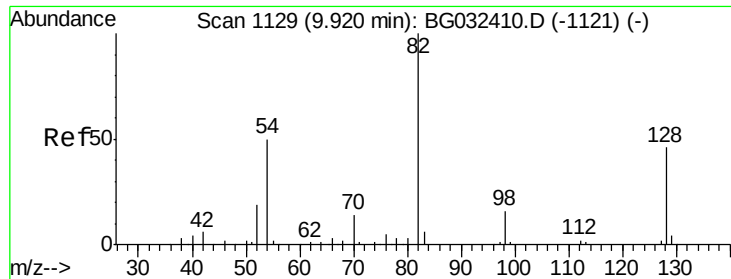
54 5.2 10.3 15.5#

68 2.4 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

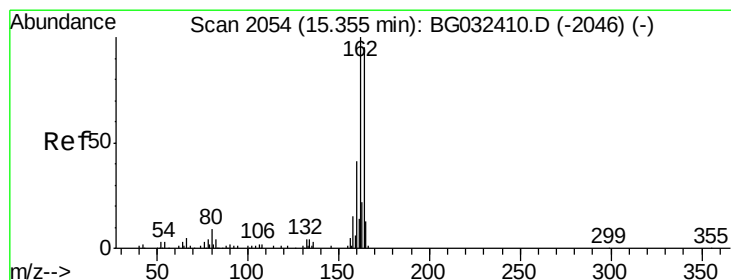
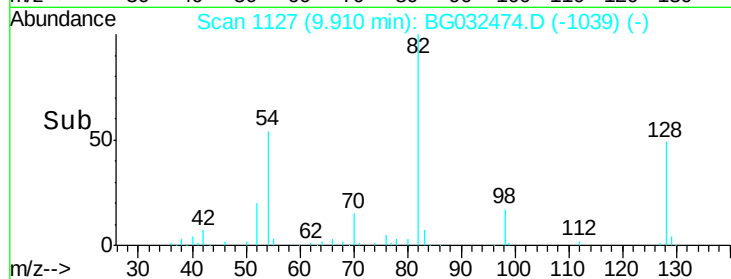
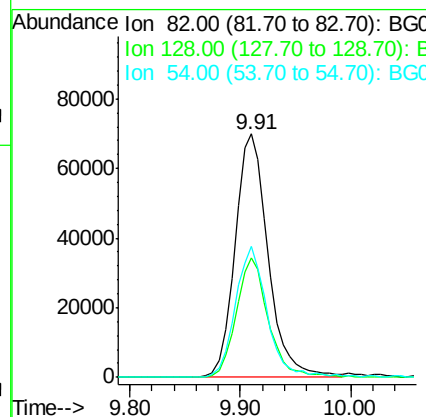
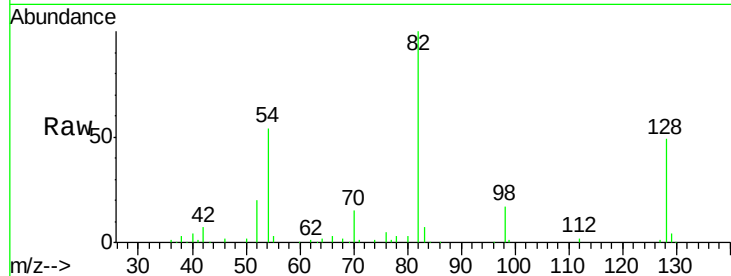




#23
 Nitrobenzene-d5
 Concen: 91.650 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

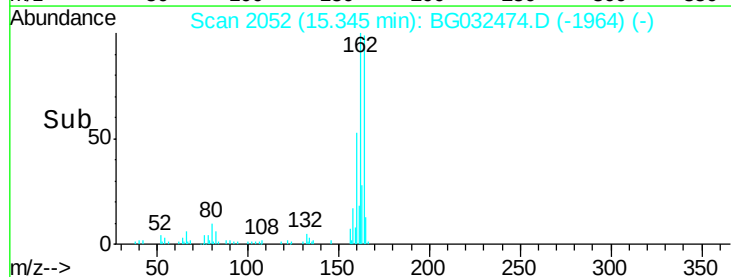
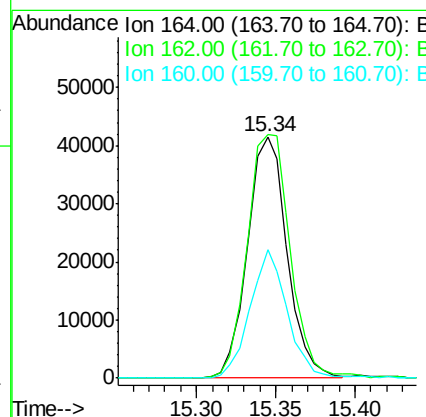
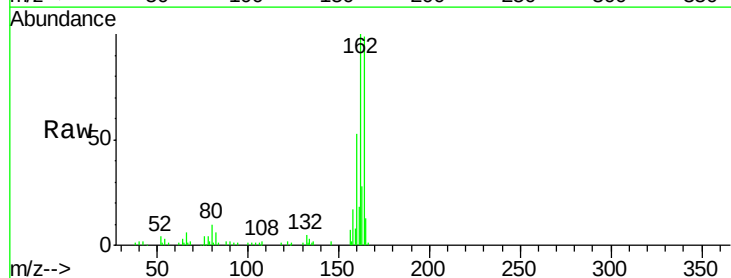
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-013018-D

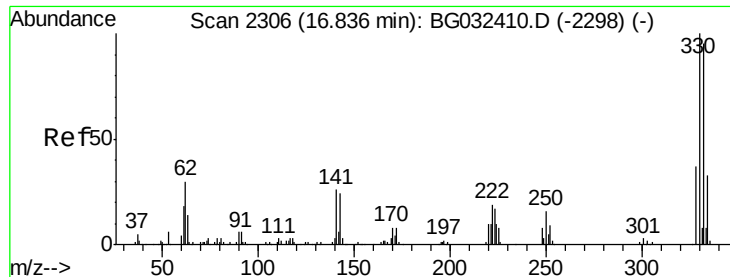
Tot Ion: 82 Resp: 146814
 Ion Ratio Lower Upper
 82 100
 128 48.8 29.7 44.5#
 54 54.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032474.D
 Acq: 31 Jan 2018 20:31

Tgt Ion:164 Resp: 71976
 Ion Ratio Lower Upper
 164 100
 162 100.8 78.8 118.2
 160 53.1 35.4 53.0#





#41

2,4,6-Tribromophenol

Concen: 156.462 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032474.D

Acq: 31 Jan 2018 20:31

Instrument :

BNA_G

ClientSampleId :

CL-02-013018-D

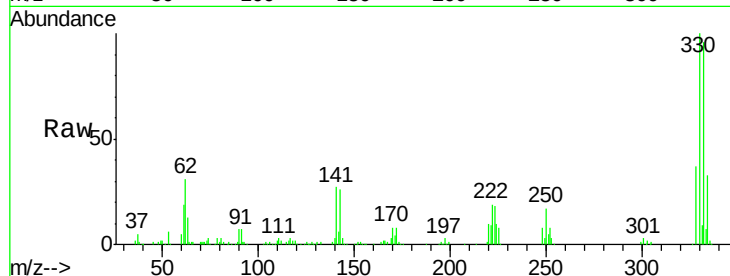
Tot Ion:330 Resp: 214363

Ion Ratio Lower Upper

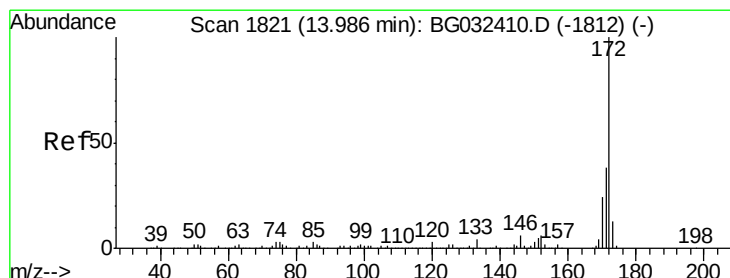
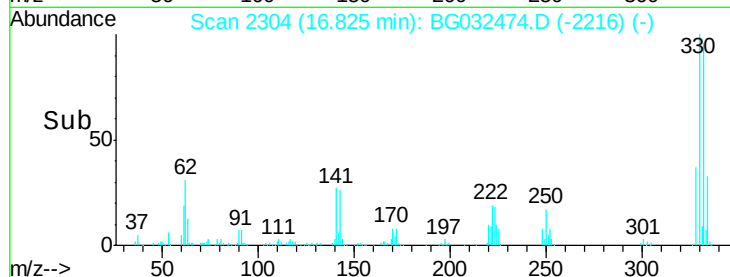
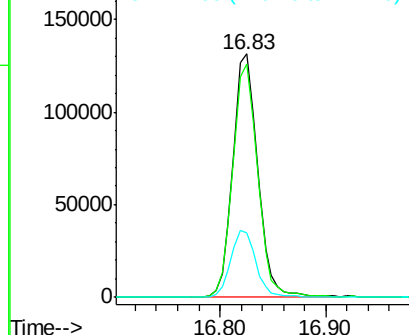
330 100

332 96.0 77.0 115.6

141 27.9 25.2 37.8



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



#44

2-Fluorobiphenyl

Concen: 89.286 ng

RT: 13.97 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BG032474.D

Acq: 31 Jan 2018 20:31

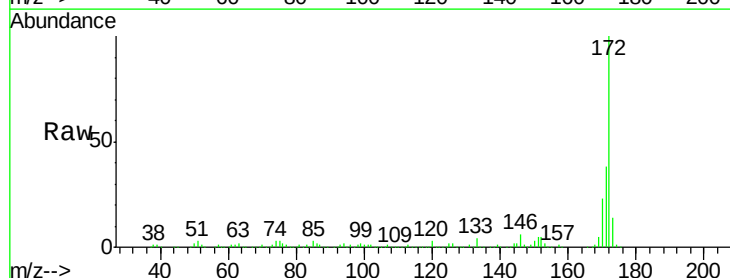
Tgt Ion:172 Resp: 540689

Ion Ratio Lower Upper

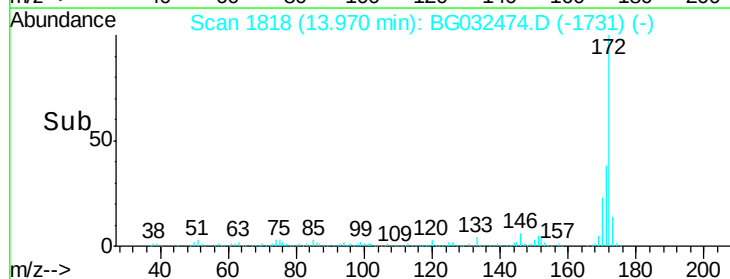
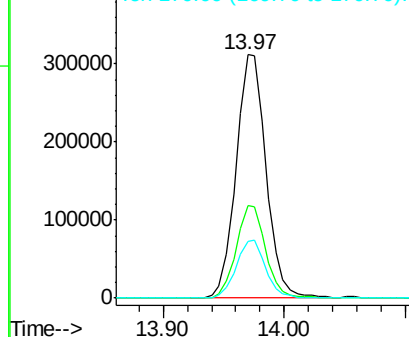
172 100

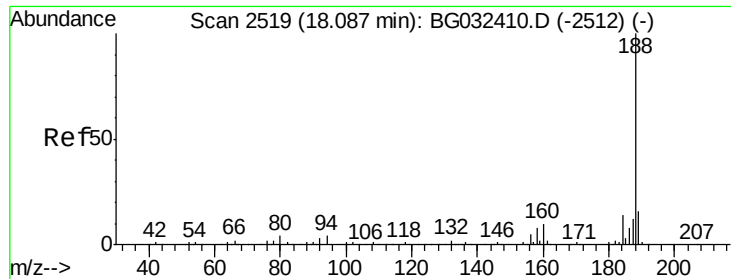
171 37.8 30.0 45.0

170 23.4 19.5 29.3



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

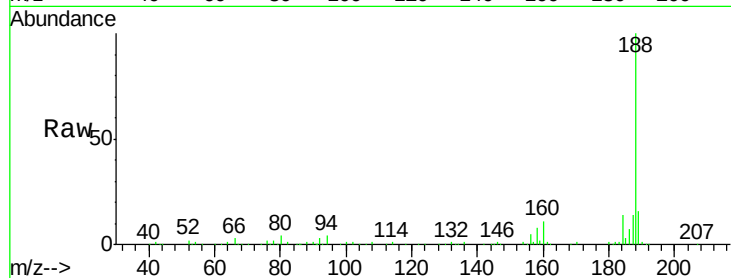




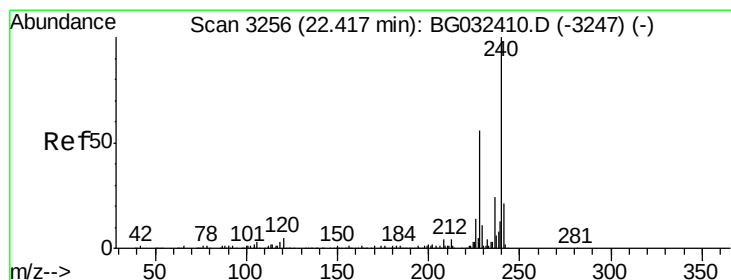
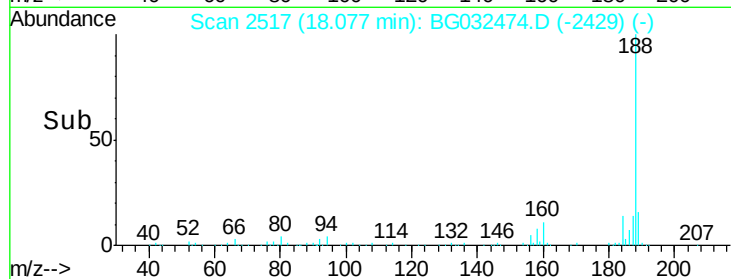
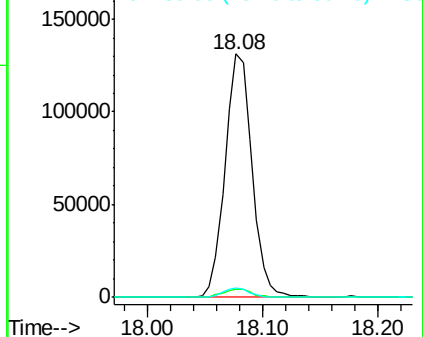
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032474.D
Acq: 31 Jan 2018 20:31

Instrument :
BNA_G
ClientSampleId :
CL-02-013018-D

Tot Ion:188 Resp: 212325
Ion Ratio Lower Upper
188 100
94 3.5 6.9 10.3#
80 3.6 7.7 11.5#

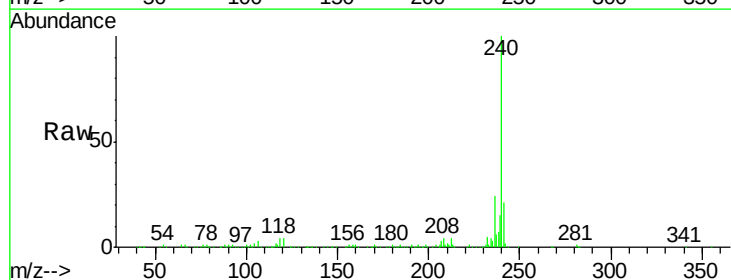


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

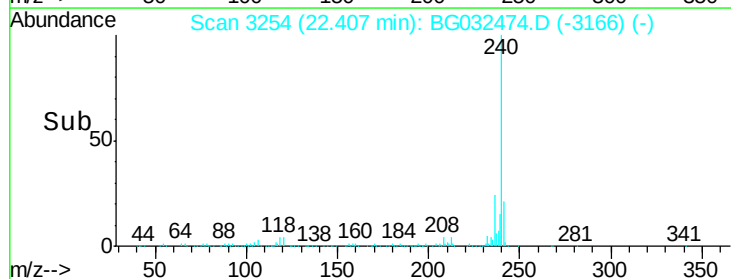
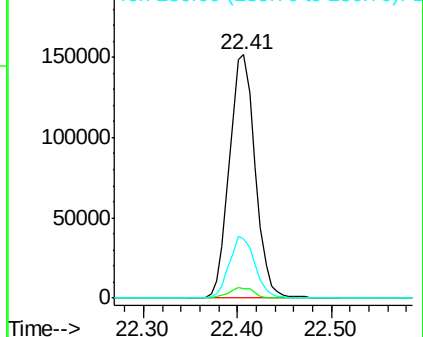


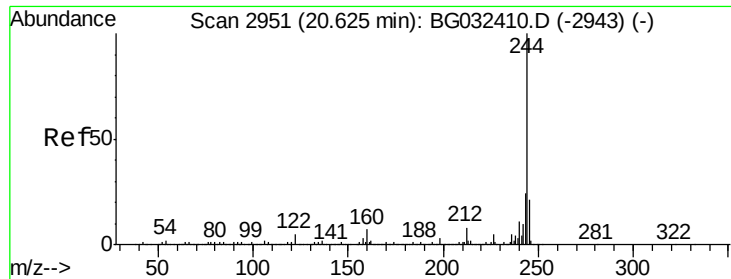
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032474.D
Acq: 31 Jan 2018 20:31

Tgt Ion:240 Resp: 289325
Ion Ratio Lower Upper
240 100
120 3.8 6.8 10.2#
236 24.1 20.9 31.3



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

Terphenyl-d14

Concen: 94.495 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032474.D

Acq: 31 Jan 2018 20:31

Instrument :

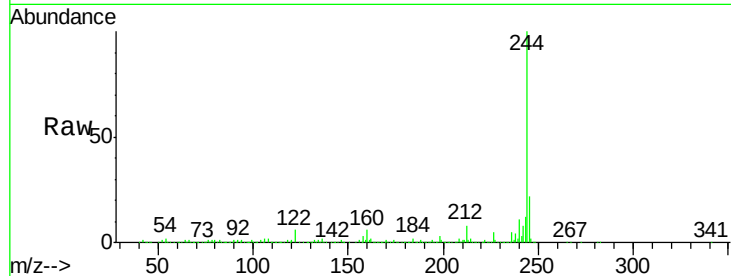
BNA_G

ClientSampleId :

CL-02-013018-D

Tot Ion:244 Resp: 1276320

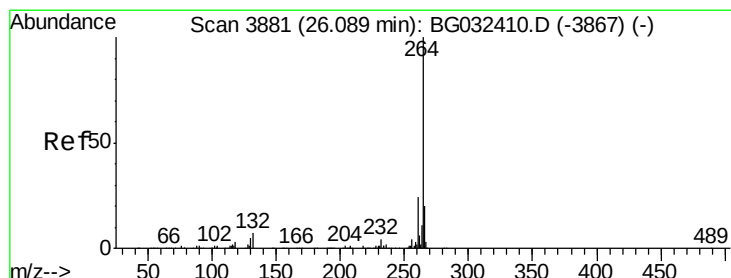
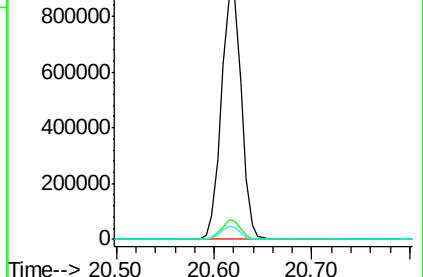
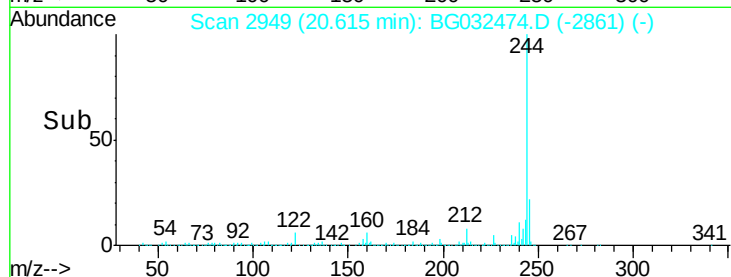
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	5.7	7.0	10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.08 min Scan# 3879

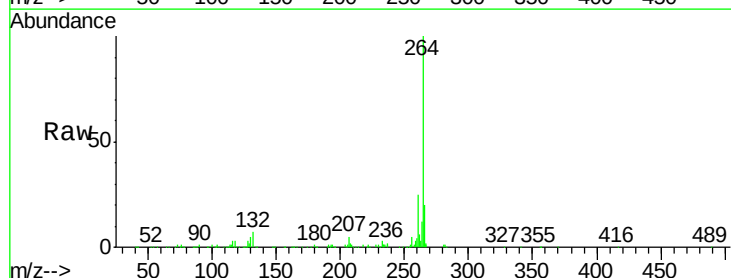
Delta R.T. -0.01 min

Lab File: BG032474.D

Acq: 31 Jan 2018 20:31

Tgt Ion:264 Resp: 310802

Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	19.9	17.7	26.5



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

