

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032379.D
 Acq On : 28 Jan 2018 6:14
 Operator : SJ/JU
 Sample : J1325-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-3025

Quant Time: Jan 29 02:45:42 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

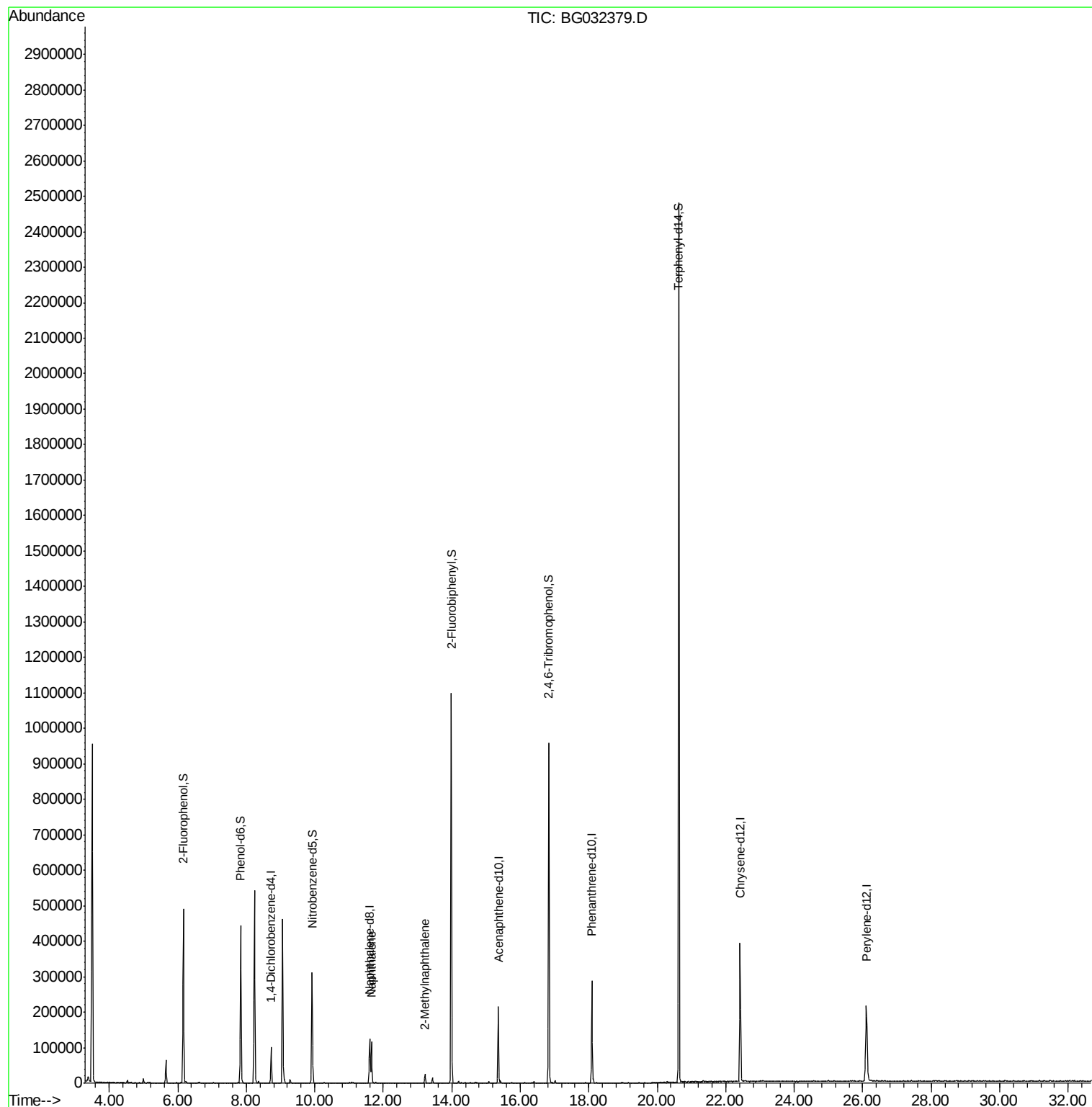
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	34071	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	120701	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	79157	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	212005	20.00	ng	0.00
75) Chrysene-d12	22.42	240	302449	20.00	ng	0.00
86) Perylene-d12	26.11	264	303209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	232907	125.02	ng	0.00
7) Phenol-d6	7.84	99	258596	110.22	ng	0.00
23) Nitrobenzene-d5	9.92	82	191323	107.24	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	219494	167.57	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	649416	101.73	ng	0.00
78) Terphenyl-d14	20.63	244	1387327	101.28	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	105561	17.655	ng	99
37) 2-Methylnaphthalene	13.22	142	13510	2.846	ng	93

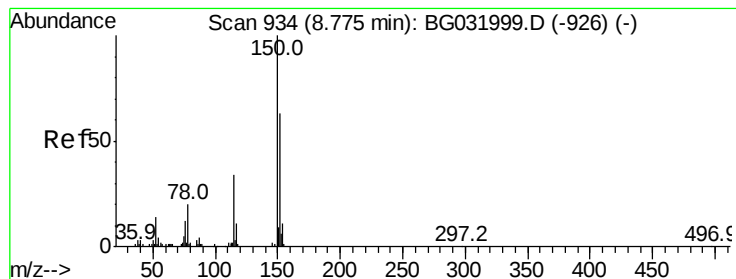
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG032379.D

Acq: 28 Jan 2018 6:14

Instrument :

BNA_G

ClientSampleId :

RO-3025

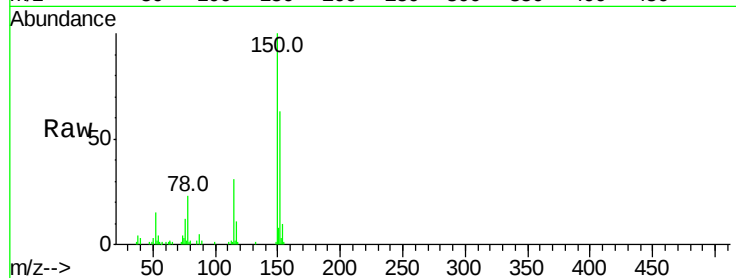
Tot Ion:152 Resp: 34071

Ion Ratio Lower Upper

152 100

150 159.4 126.6 189.8

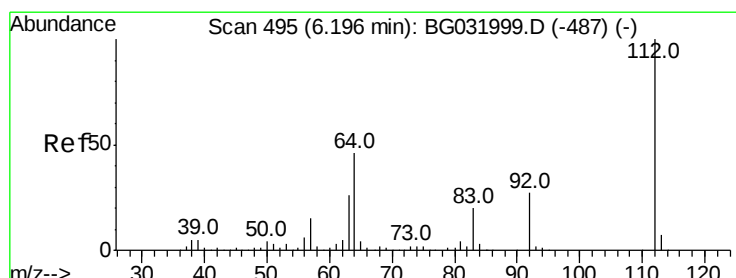
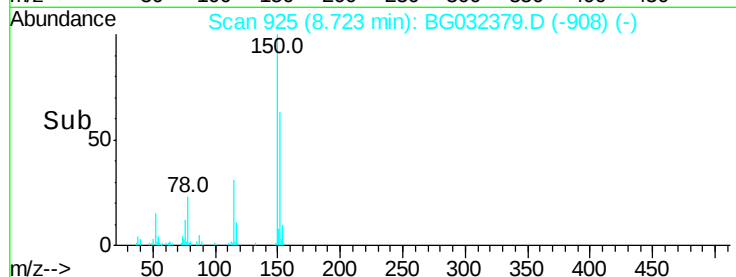
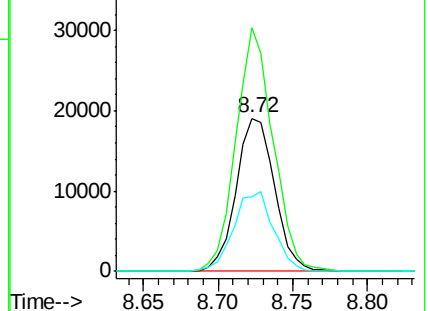
115 49.0 53.0 79.4#



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: 125.025 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032379.D

Acq: 28 Jan 2018 6:14

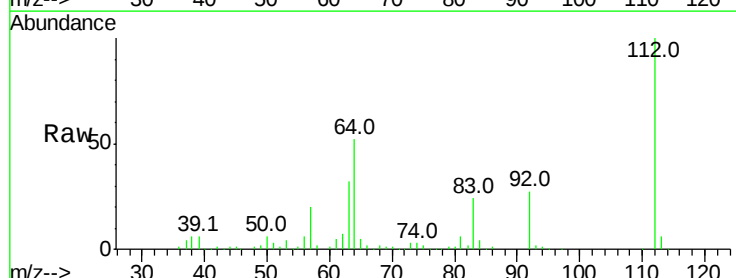
Tgt Ion:112 Resp: 232907

Ion Ratio Lower Upper

112 100

64 52.1 56.3 84.5#

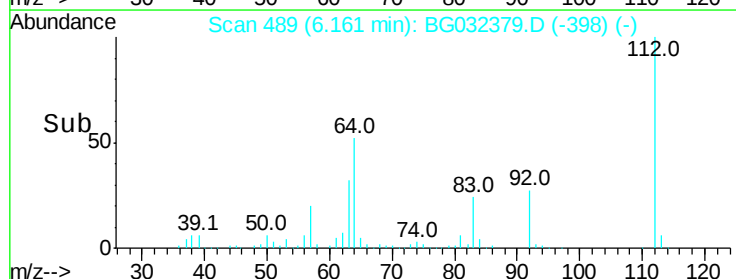
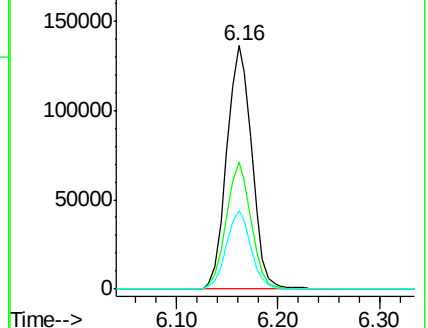
63 32.2 30.1 45.1

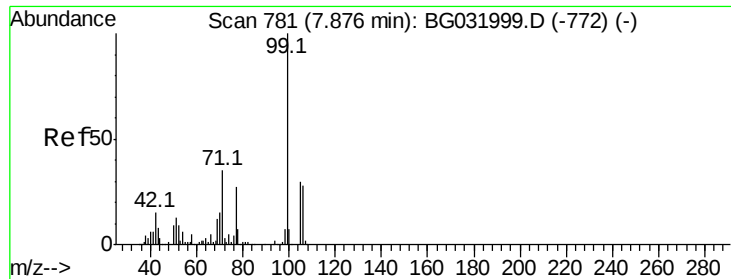


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 110.219 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032379.D

Acq: 28 Jan 2018 6:14

Instrument :

BNA_G

ClientSampleId :

RO-3025

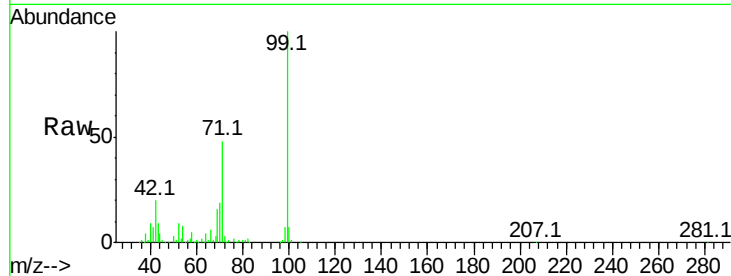
Tot Ion: 99 Resp: 258596

Ion Ratio Lower Upper

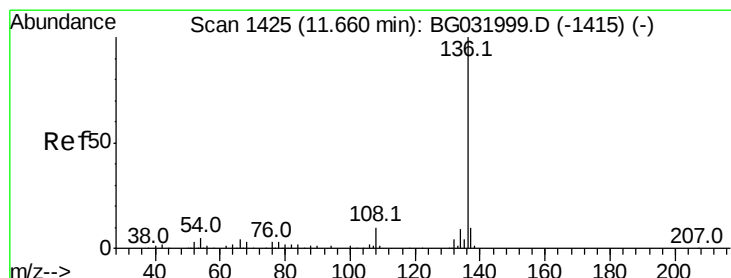
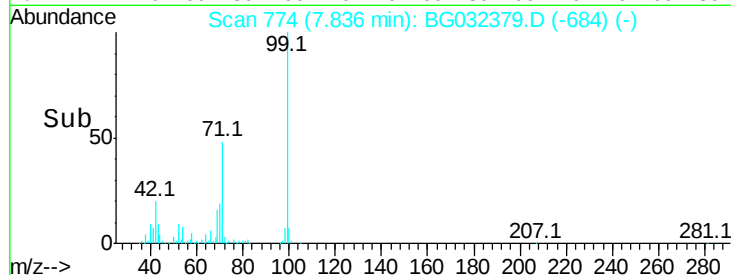
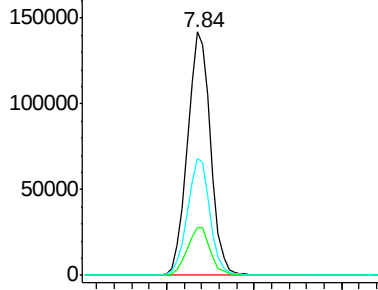
99 100

42 19.7 14.1 21.1

71 48.3 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: BG032379.D

Acq: 28 Jan 2018 6:14

Tgt Ion: 136 Resp: 120701

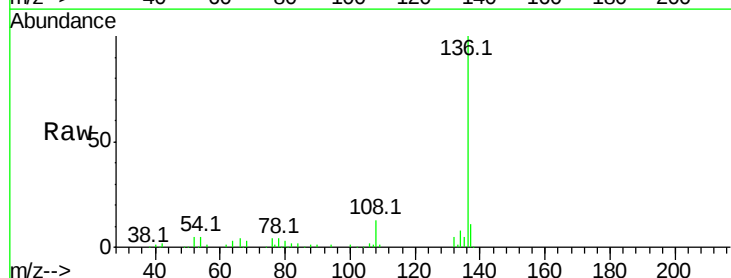
Ion Ratio Lower Upper

136 100

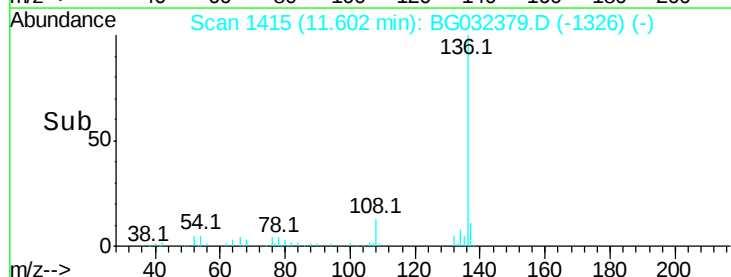
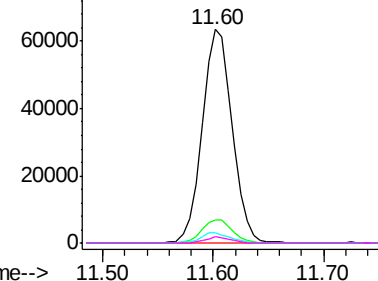
137 11.0 9.2 13.8

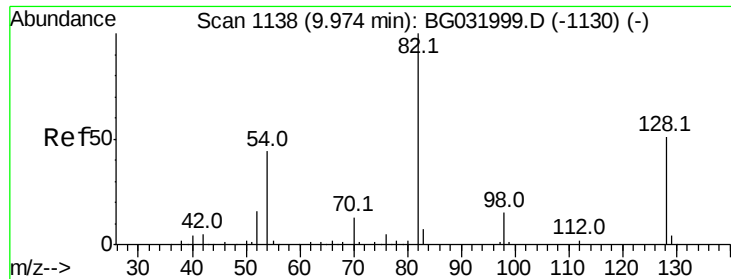
54 5.1 10.3 15.5#

68 3.1 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

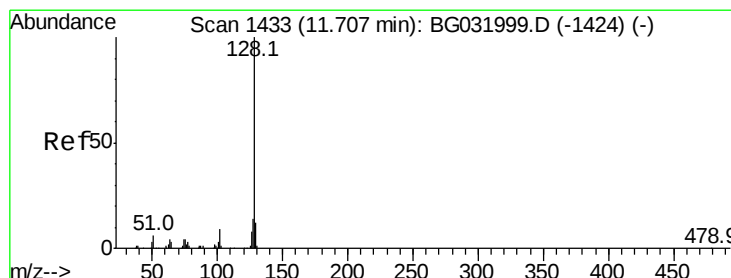
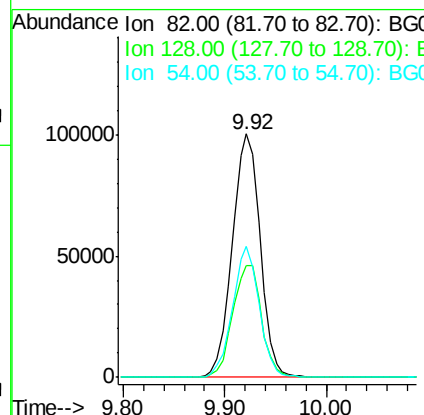
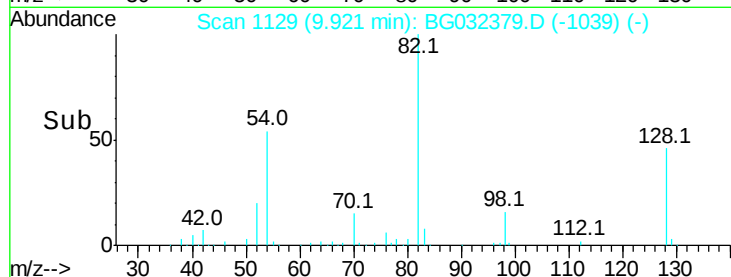
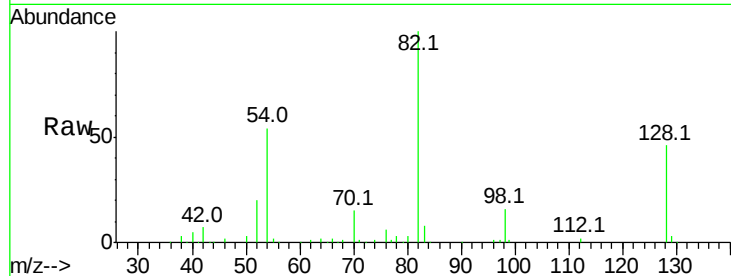




#23
 Nitrobenzene-d5
 Concen: 107.239 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032379.D
 Acq: 28 Jan 2018 6:14

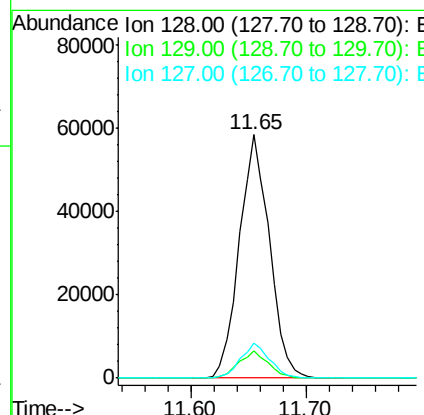
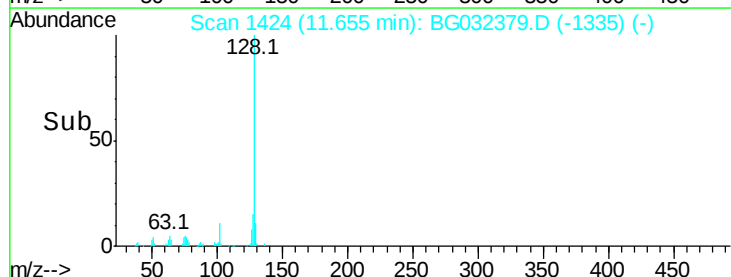
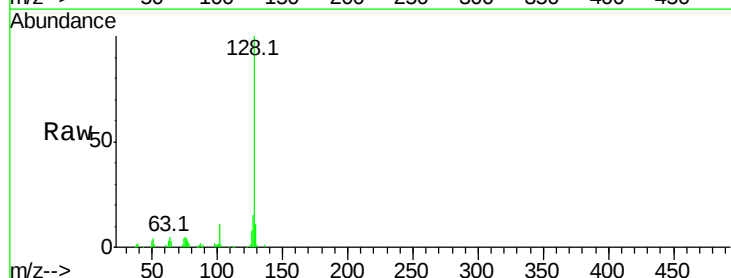
Instrument :
 BNA_G
 ClientSampled :
 RO-3025

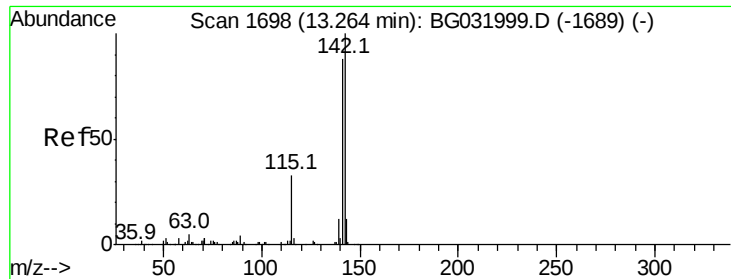
Tot Ion: 82 Resp: 191323
 Ion Ratio Lower Upper
 82 100
 128 46.1 29.7 44.5#
 54 54.1 43.1 64.7



#31
 Naphthalene
 Concen: 17.655 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032379.D
 Acq: 28 Jan 2018 6:14

Tgt Ion: 128 Resp: 105561
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 12.8
 127 14.6 11.6 17.4





#37

2-Methylnaphthalene

Concen: 2.846 ng

RT: 13.22 min Scan# 1690

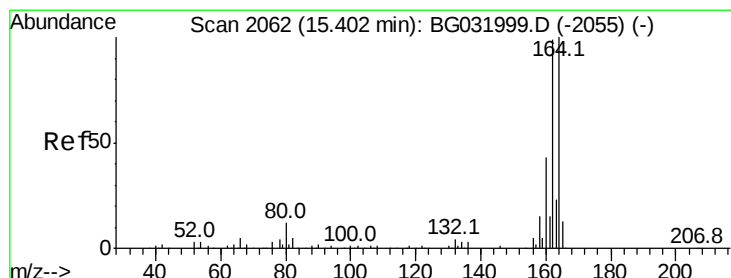
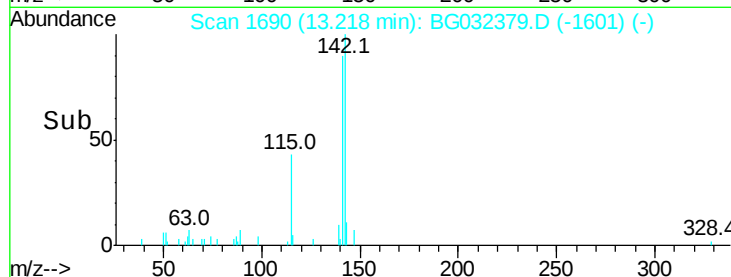
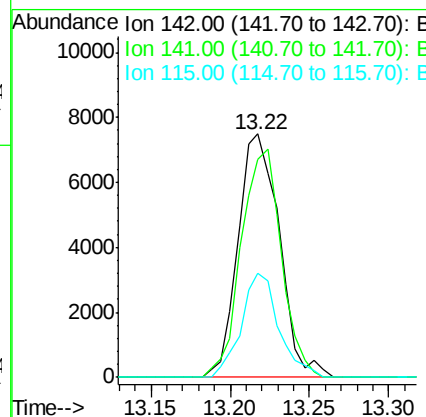
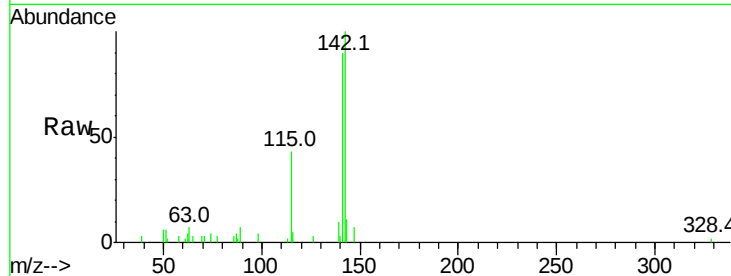
Delta R.T. -0.01 min

Lab File: BG032379.D

Acq: 28 Jan 2018 6:14

Instrument :
BNA_G
ClientSampleId :
RO-3025

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.1	100.7
115	42.8	30.7	46.1



#38

Acenaphthene-d10

Concen: 20.000 ng

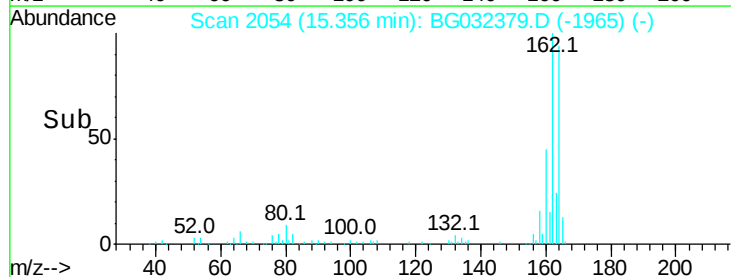
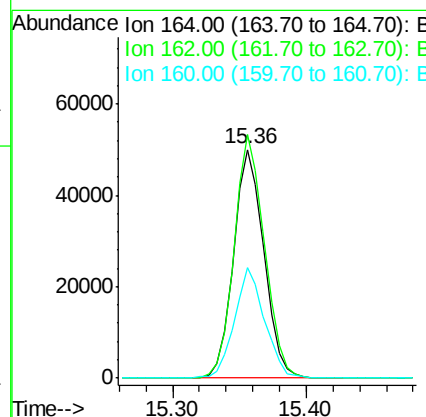
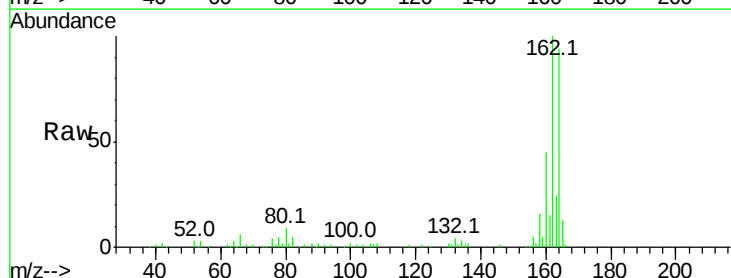
RT: 15.36 min Scan# 2054

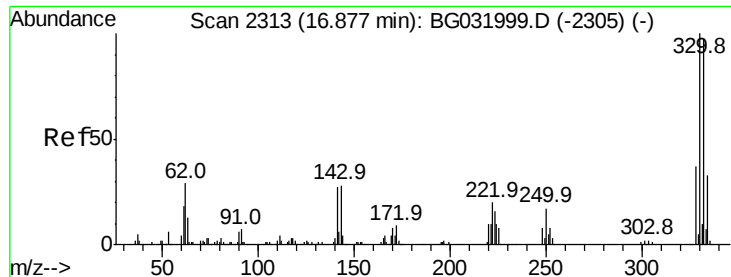
Delta R.T. -0.01 min

Lab File: BG032379.D

Acq: 28 Jan 2018 6:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.8	118.2
160	48.2	35.4	53.0

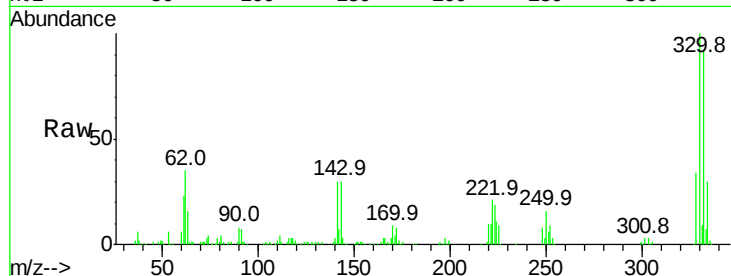




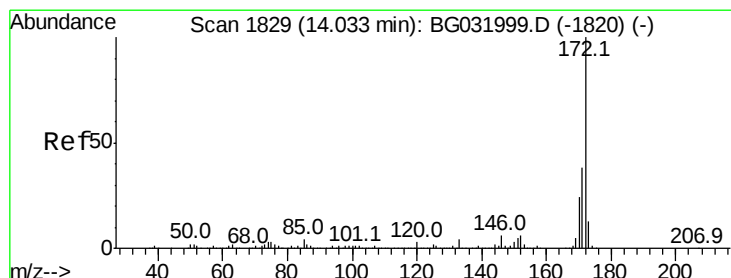
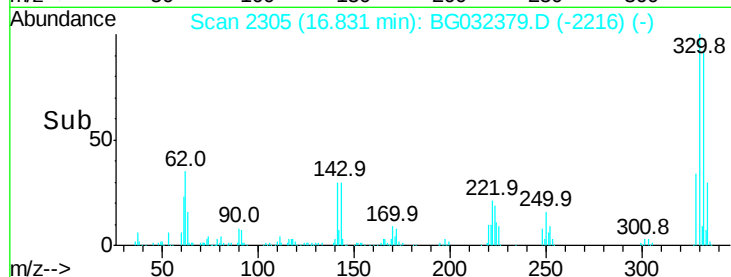
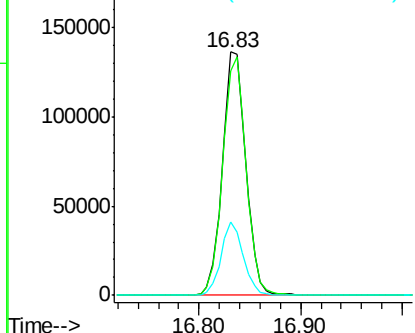
#41
 2,4,6-Tribromophenol
 Concen: 167.570 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032379.D
 Acq: 28 Jan 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 RO-3025

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	28.7	25.2	37.8

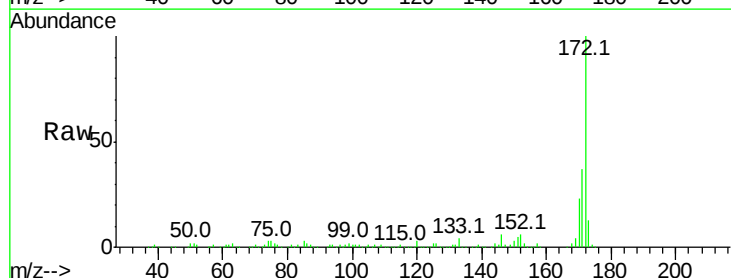


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

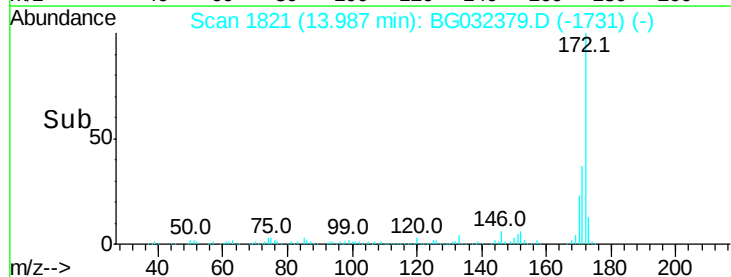
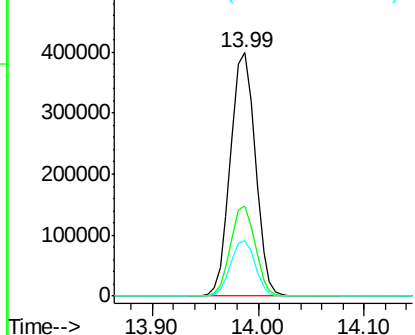


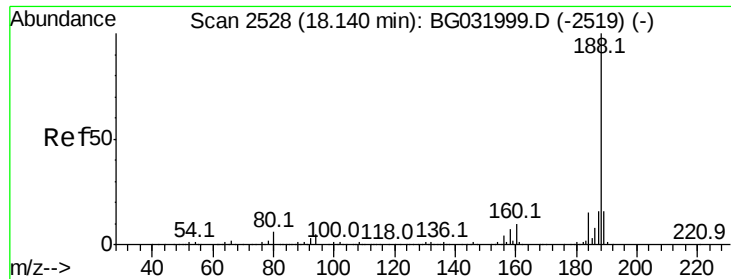
#44
 2-Fluorobiphenyl
 Concen: 101.727 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032379.D
 Acq: 28 Jan 2018 6:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	22.7	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

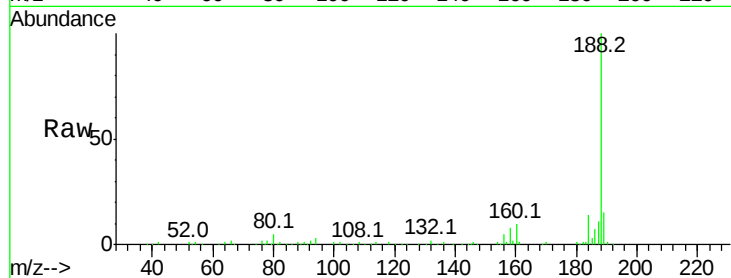




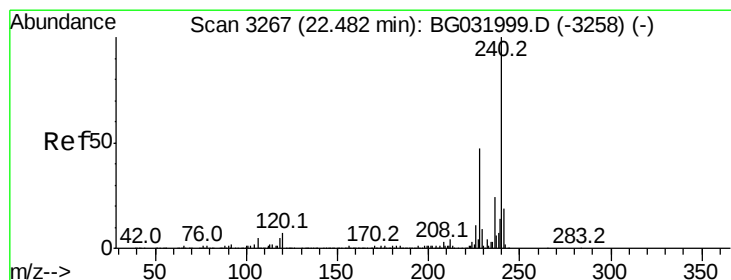
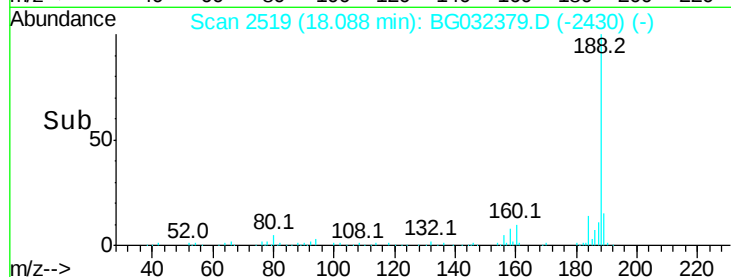
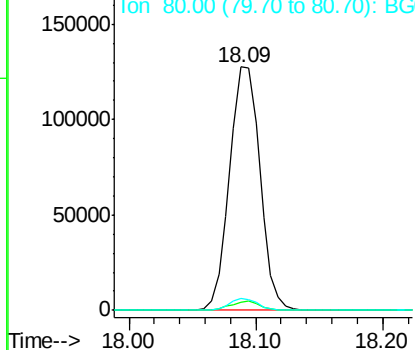
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032379.D
Acq: 28 Jan 2018 6:14

Instrument :
BNA_G
ClientSampleId :
RO-3025

Tot Ion:188 Resp: 212005
Ion Ratio Lower Upper
188 100
94 3.3 6.9 10.3#
80 4.7 7.7 11.5#

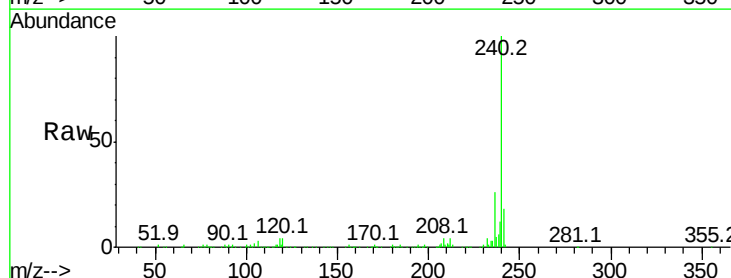


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

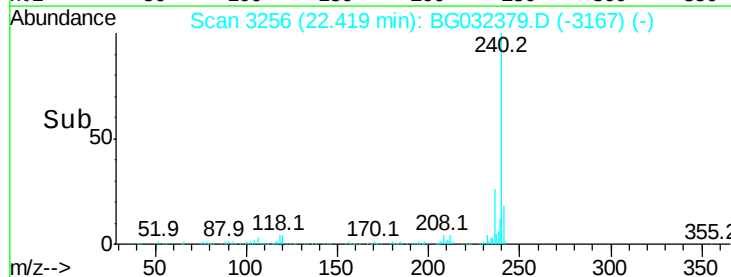
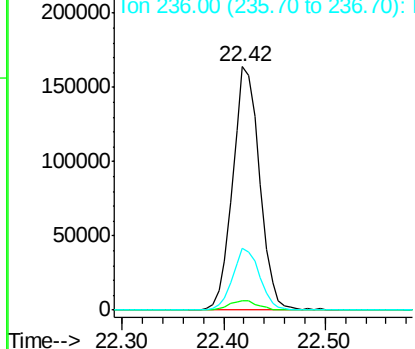


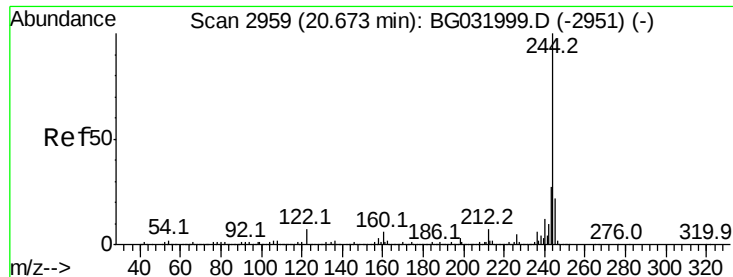
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032379.D
Acq: 28 Jan 2018 6:14

Tgt Ion:240 Resp: 302449
Ion Ratio Lower Upper
240 100
120 3.7 6.8 10.2#
236 25.5 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



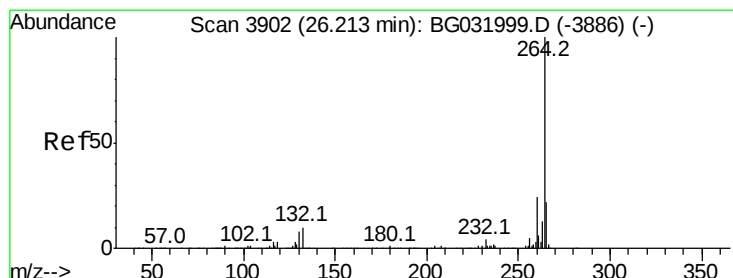
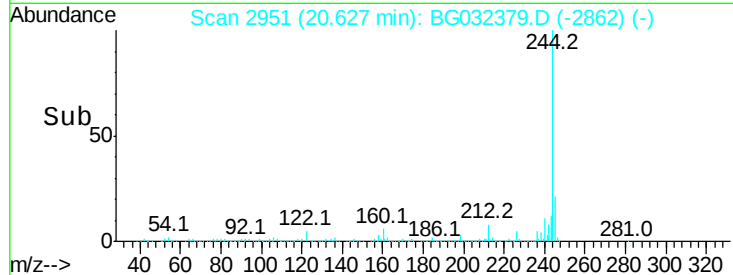
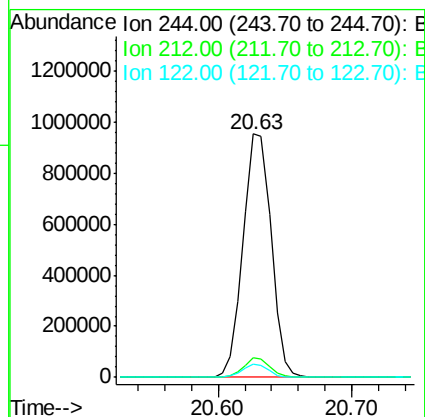
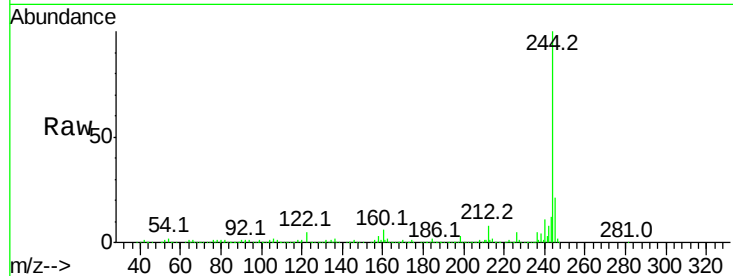


#78
 Terphenyl-d14
 Concen: 101.282 ng
 RT: 20.63 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BG032379.D
 Acq: 28 Jan 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 RO-3025

Tot Ion:244 Resp: 1387327

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.4	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.11 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: BG032379.D
 Acq: 28 Jan 2018 6:14

Tgt Ion:264 Resp: 303209

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.5	17.7	26.5

