

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032495.D
 Acq On : 1 Feb 2018 18:29
 Operator : SJ/JU
 Sample : J1410-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-27166

Quant Time: Feb 02 02:56:14 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	26935	20.00	ng	-0.02
21) Naphthalene-d8	11.59	136	111561	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	83113	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	219240	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	299547	20.00	ng	-0.01
86) Perylene-d12	26.08	264	322452	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	70257	52.39	ng	0.00
7) Phenol-d6	7.83	99	76346	42.66	ng	0.00
23) Nitrobenzene-d5	9.90	82	62719	35.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	83618	52.85	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	238360	34.09	ng	-0.02
78) Terphenyl-d14	20.62	244	567672	40.59	ng	-0.01

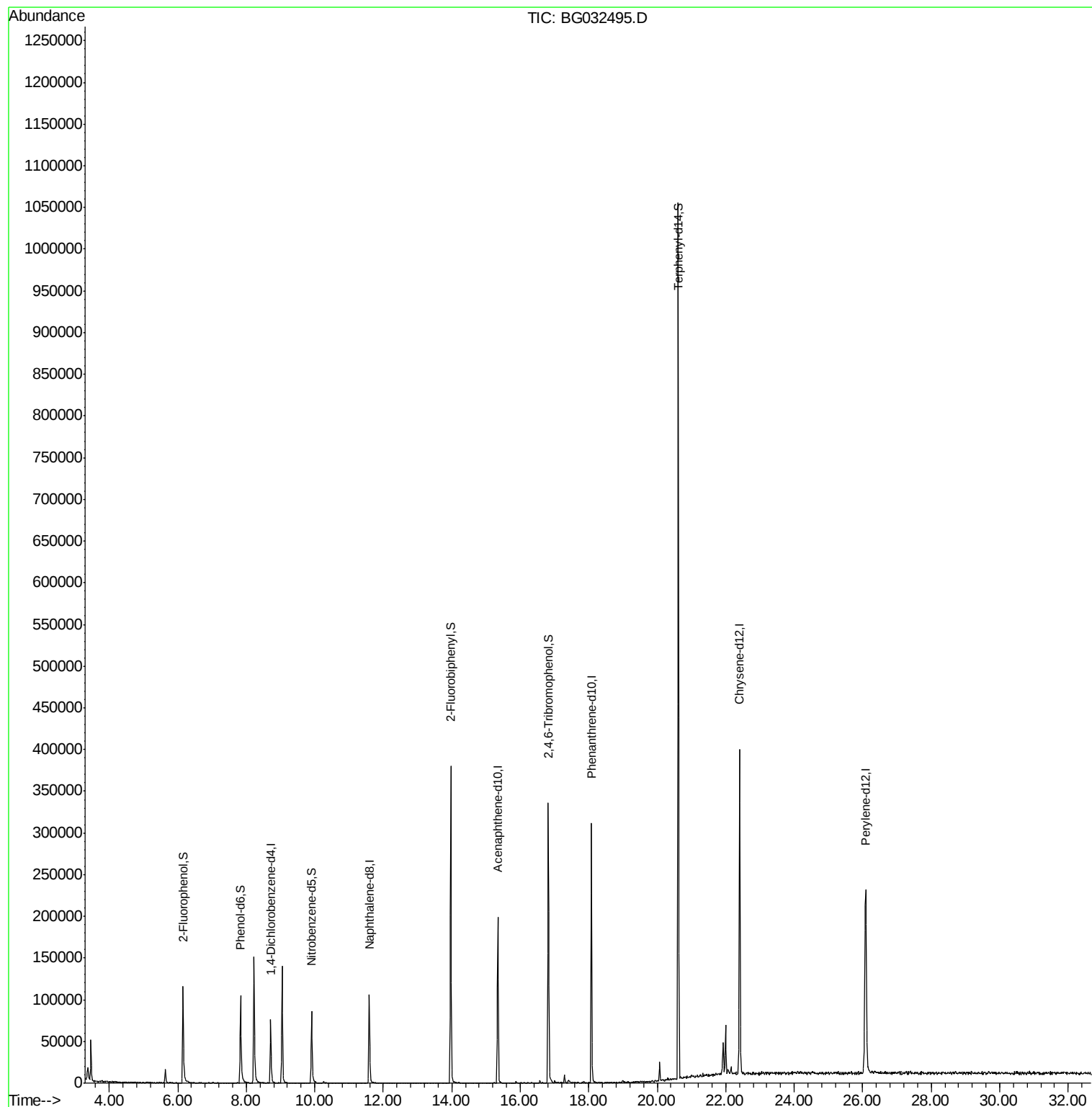
Target Compounds	Qvalue
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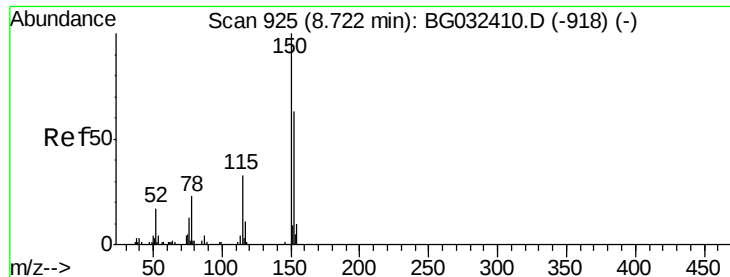
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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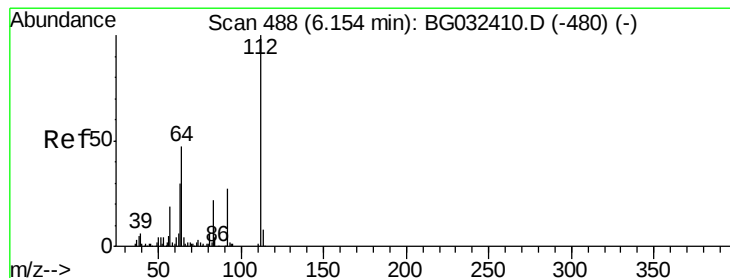
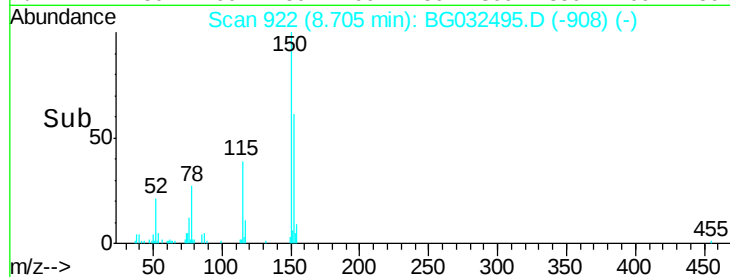
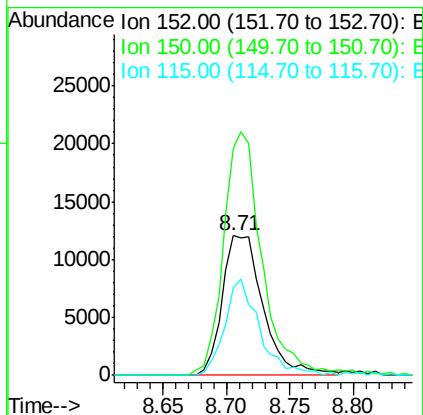
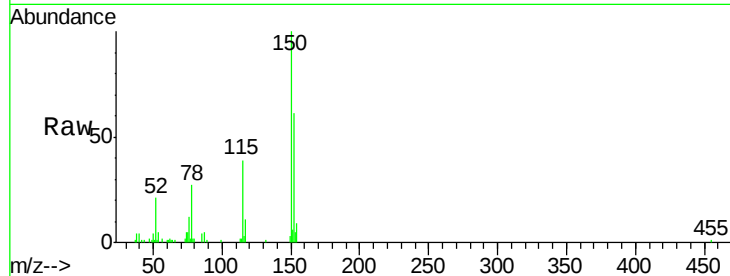


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032495.D
Acq: 1 Feb 2018 18:29

Instrument :
BNA_G
ClientSampleId :
CHRT-27166

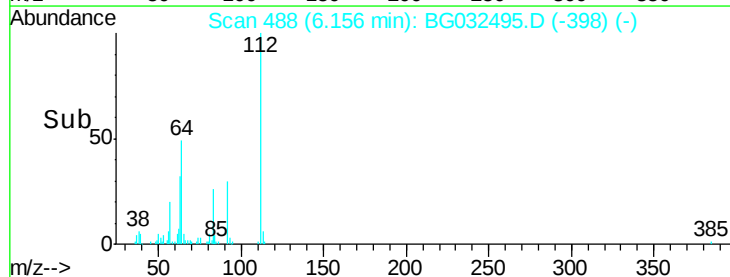
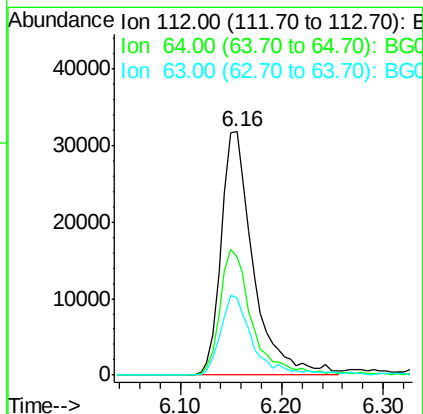
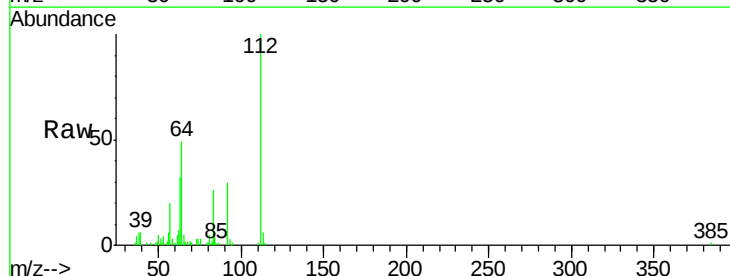
Tot Ion:152 Resp: 26935
Ion Ratio Lower Upper
152 100
150 162.7 126.6 189.8
115 62.7 53.0 79.4



#5

2-Fluorophenol
Concen: 52.391 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032495.D
Acq: 1 Feb 2018 18:29

Tgt Ion:112 Resp: 70257
Ion Ratio Lower Upper
112 100
64 48.6 56.3 84.5#
63 31.8 30.1 45.1





#7

Phenol-d6

Concen: 42.664 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032495.D

Acq: 1 Feb 2018 18:29

Instrument :

BNA_G

ClientSampleId :

CHRT-27166

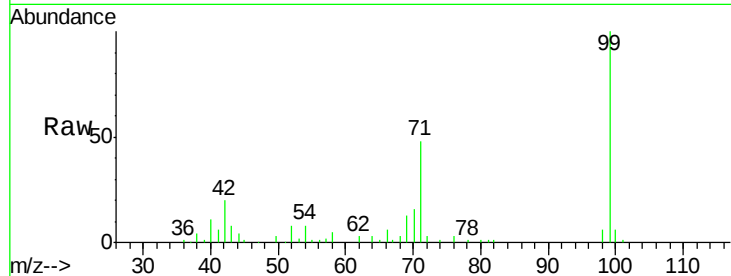
Tot Ion: 99 Resp: 76346

Ion Ratio Lower Upper

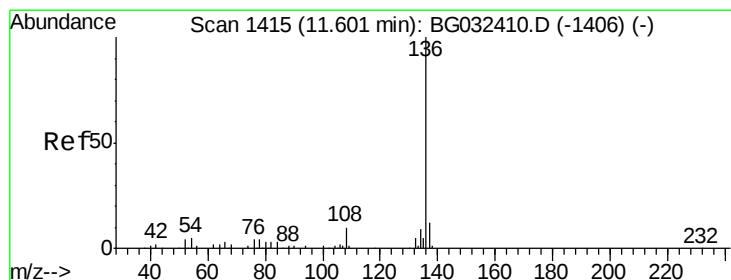
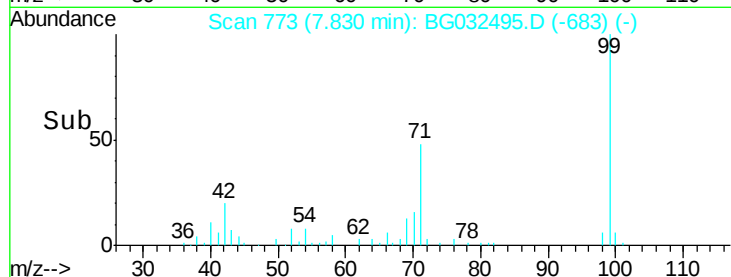
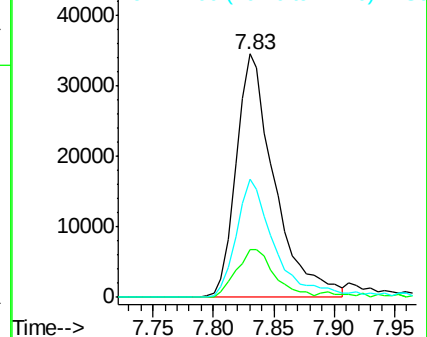
99 100

42 19.8 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032495.D

Acq: 1 Feb 2018 18:29

Tgt Ion: 136 Resp: 111561

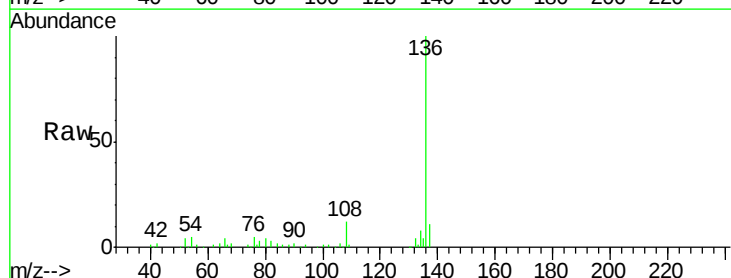
Ion Ratio Lower Upper

136 100

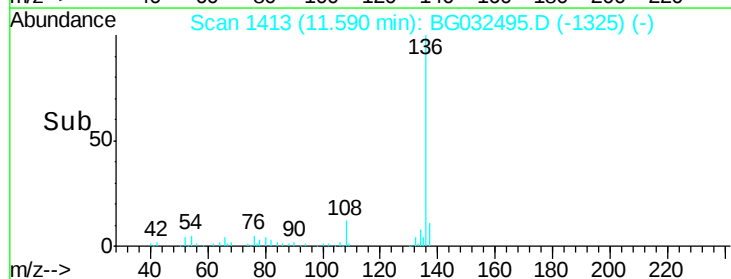
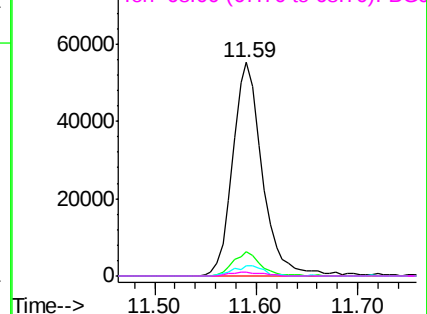
137 11.4 9.2 13.8

54 4.8 10.3 15.5#

68 2.1 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

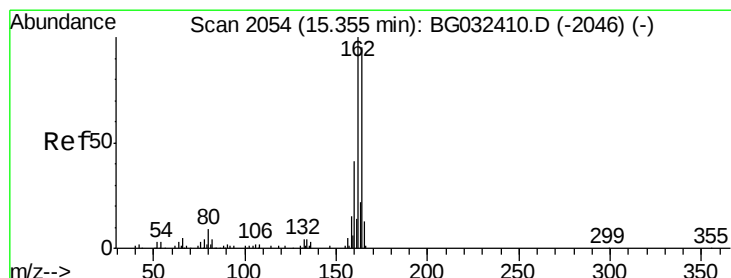
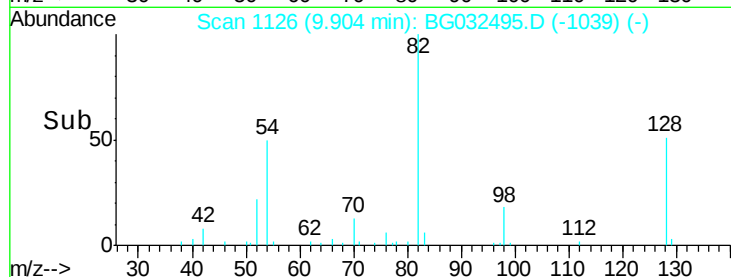
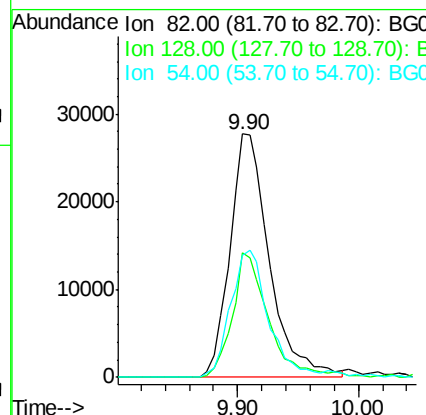
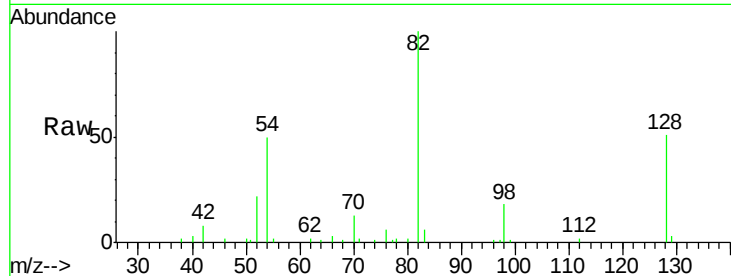




#23
 Nitrobenzene-d5
 Concen: 35.115 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BG032495.D
 Acq: 1 Feb 2018 18:29

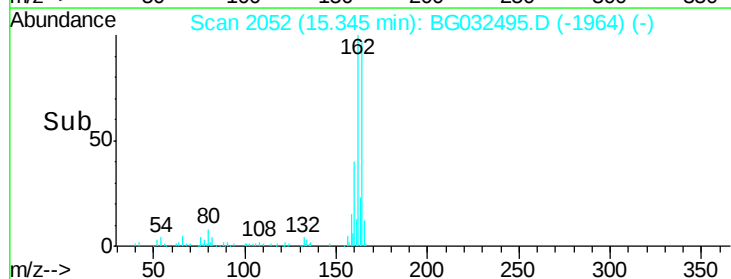
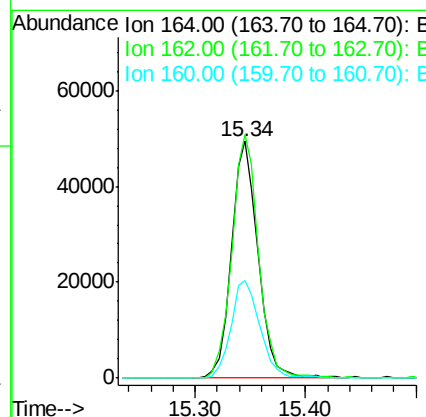
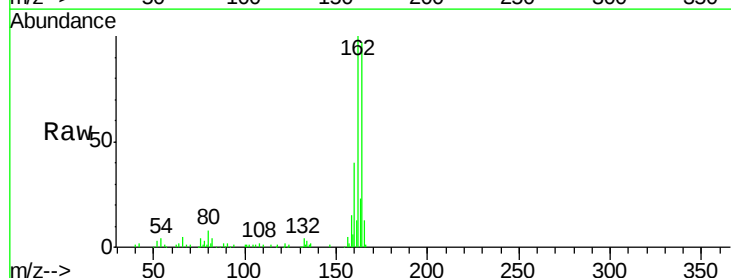
Instrument :
 BNA_G
 ClientSampleId :
 CHRT-27166

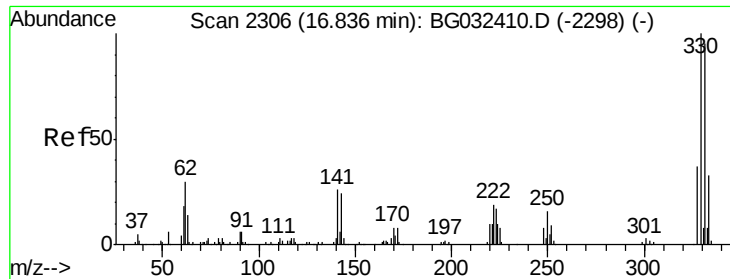
Tot Ion: 82 Resp: 62719
 Ion Ratio Lower Upper
 82 100
 128 51.0 29.7 44.5#
 54 49.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032495.D
 Acq: 1 Feb 2018 18:29

Tgt Ion:164 Resp: 83113
 Ion Ratio Lower Upper
 164 100
 162 102.8 78.8 118.2
 160 41.0 35.4 53.0

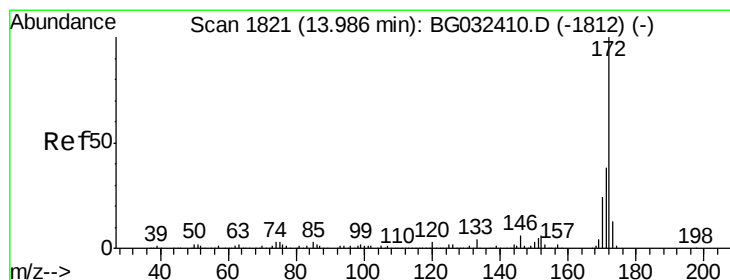
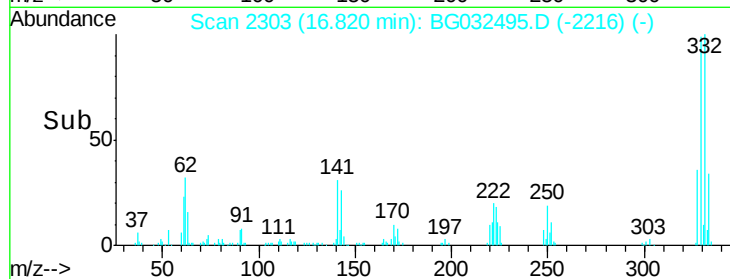
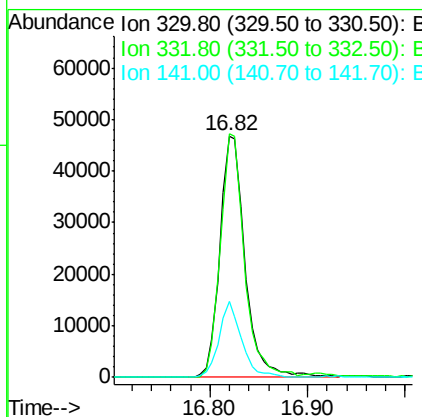
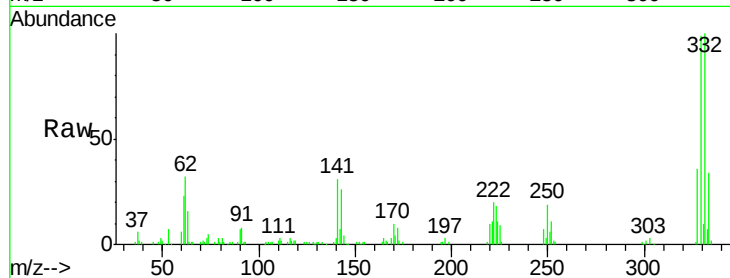




#41
 2,4,6-Tribromophenol
 Concen: 52.854 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032495.D
 Acq: 1 Feb 2018 18:29

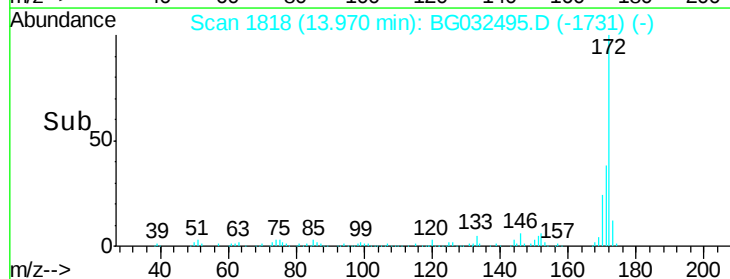
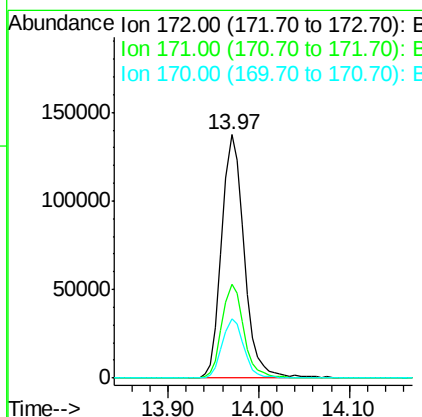
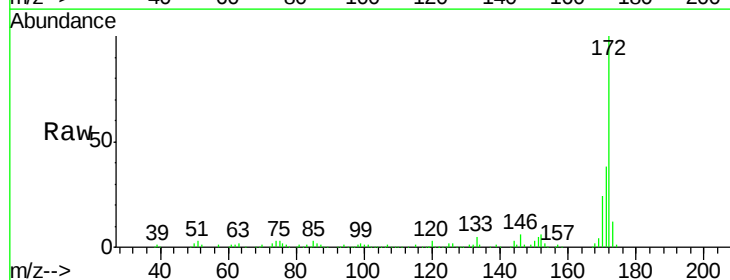
Instrument :
 BNA_G
 ClientSampleId :
 CHRT-27166

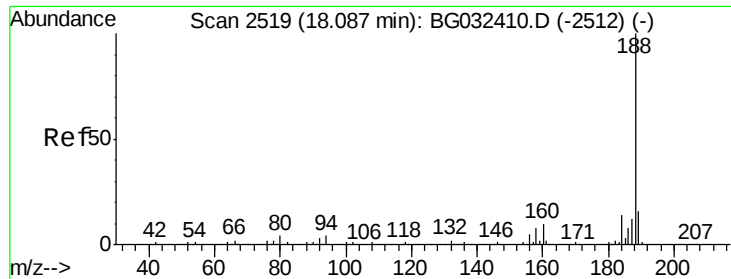
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	27.9	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 34.087 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032495.D
 Acq: 1 Feb 2018 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.1	19.5	29.3

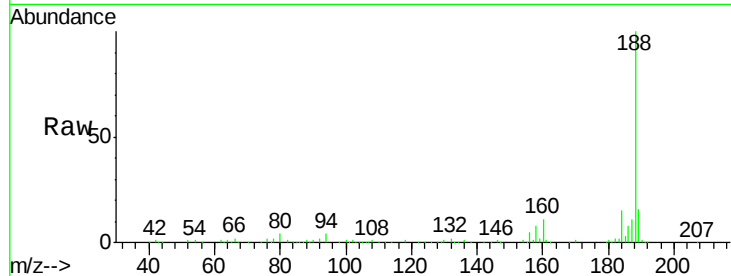




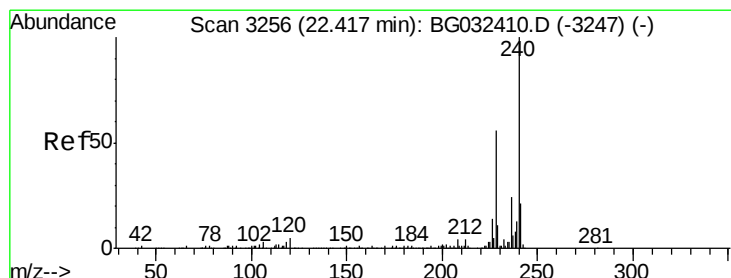
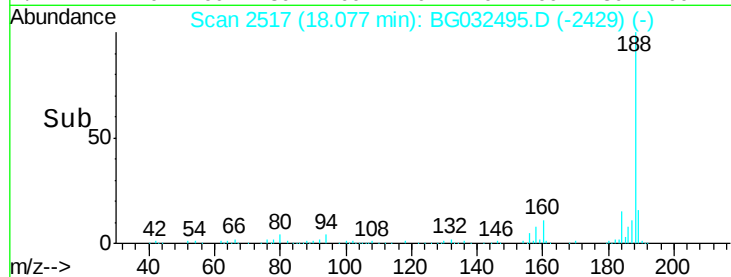
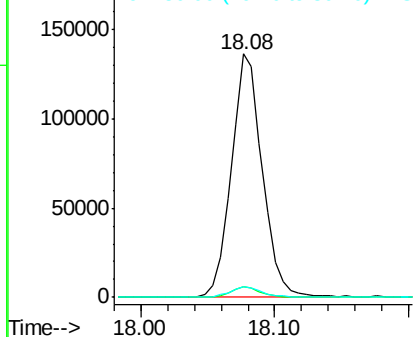
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032495.D
Acq: 1 Feb 2018 18:29

Instrument :
BNA_G
ClientSampleId :
CHRT-27166

Tot Ion:188 Resp: 219240
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 4.1 7.7 11.5#

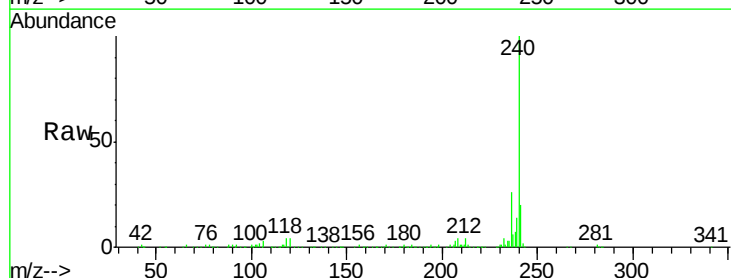


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

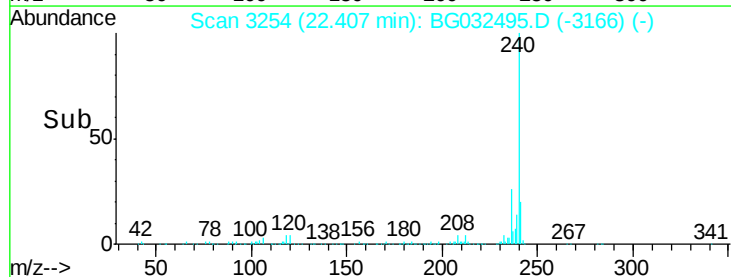
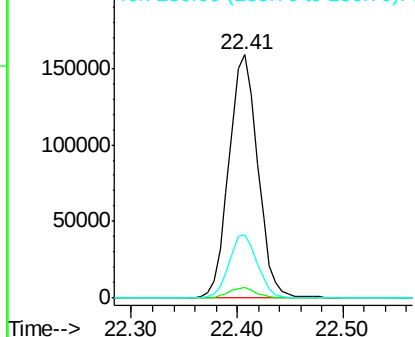


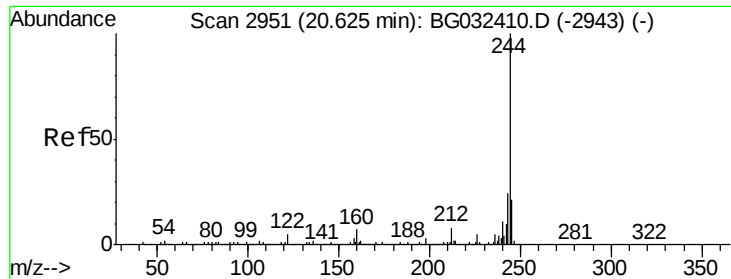
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032495.D
Acq: 1 Feb 2018 18:29

Tgt Ion:240 Resp: 299547
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 25.9 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

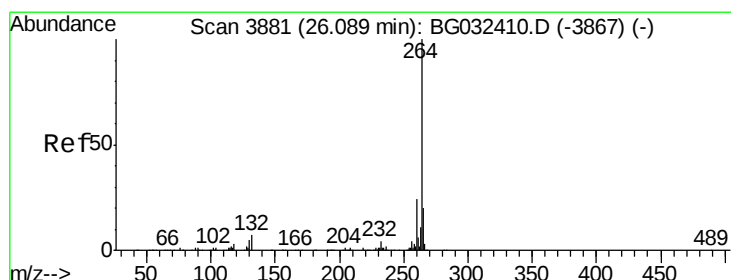
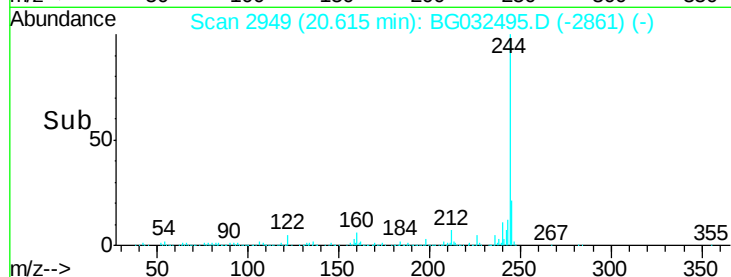
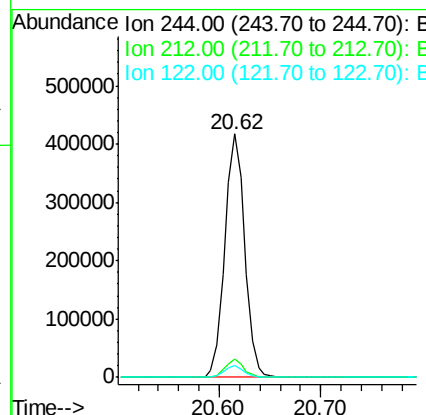
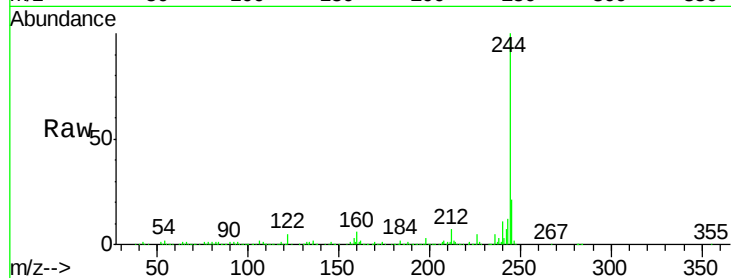




#78
 Terphenyl-d14
 Concen: 40.595 ng
 RT: 20.62 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BG032495.D
 Acq: 1 Feb 2018 18:29

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-27166

Tot Ion:244 Resp: 567672
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 4.9 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032495.D
 Acq: 1 Feb 2018 18:29

Tgt Ion:264 Resp: 322452
 Ion Ratio Lower Upper
 264 100
 260 25.1 17.4 26.0
 265 21.1 17.7 26.5

