

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020983.D
 Acq On : 19 Feb 2016 22:13
 Operator : SJ/UM
 Sample : PB88453BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BL

Quant Time: Feb 20 02:23:38 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	17680	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	93535	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	61791	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	132933	20.00	ng	0.00
75) Chrysene-d12	21.89	240	123215	20.00	ng	-0.02
86) Perylene-d12	25.25	264	115210	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	99500	94.77	ng	0.00
7) Phenol-d6	7.40	99	145116	94.57	ng	0.00
23) Nitrobenzene-d5	9.43	82	116245	81.71	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	58672	96.56	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	352500	80.13	ng	0.00
78) Terphenyl-d14	20.19	244	480897	91.05	ng	-0.02

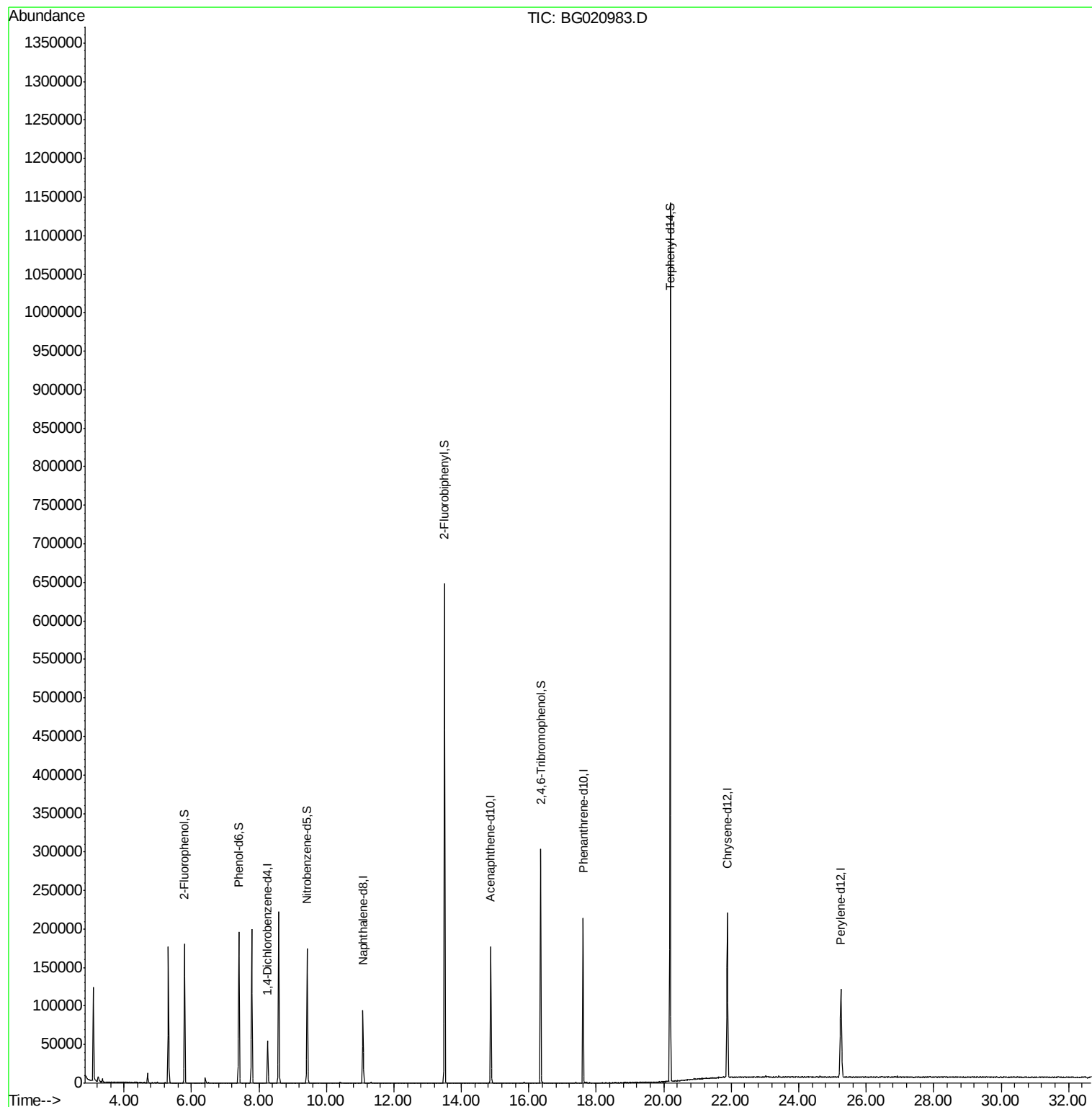
Target Compounds Qvalue

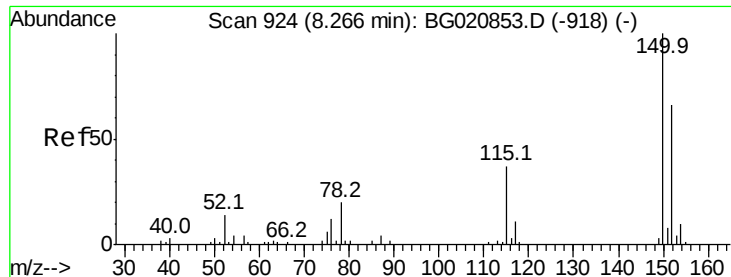
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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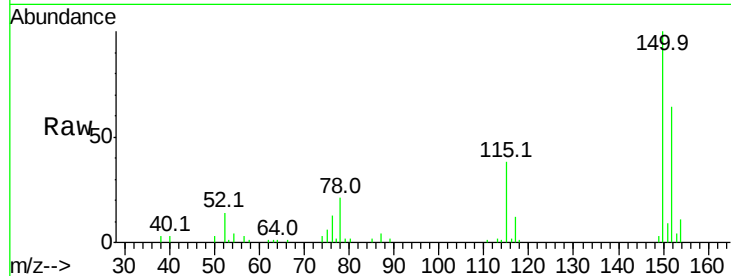


#1

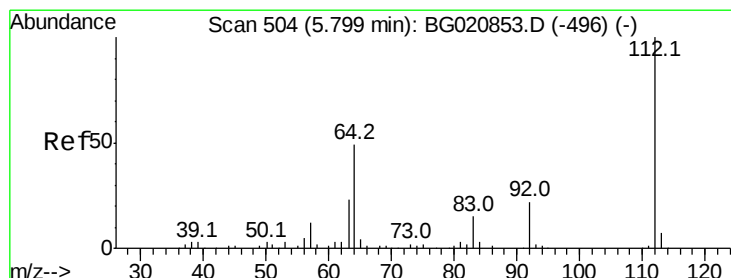
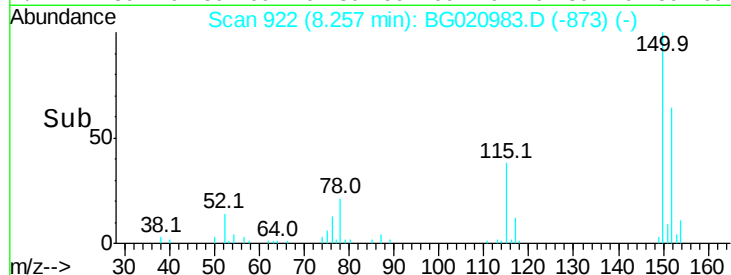
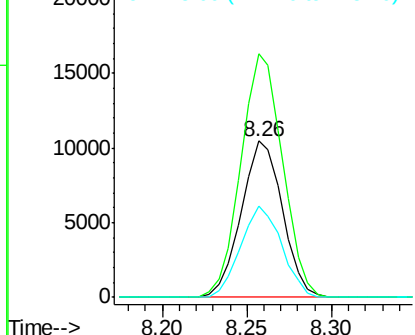
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020983.D
Acq: 19 Feb 2016 22:13

Instrument :
BNA_G
ClientSampleId :
PB88453BL

Tot Ion:152 Resp: 17680
Ion Ratio Lower Upper
152 100
150 156.1 122.0 183.0
115 58.7 45.2 67.8



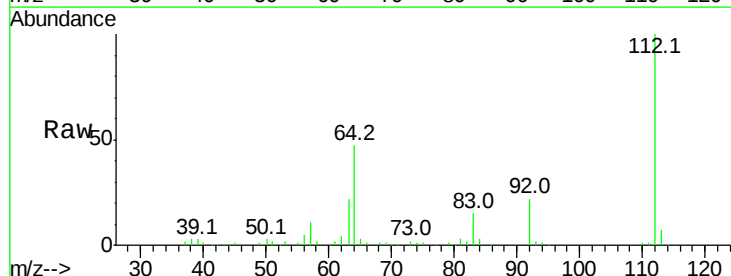
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



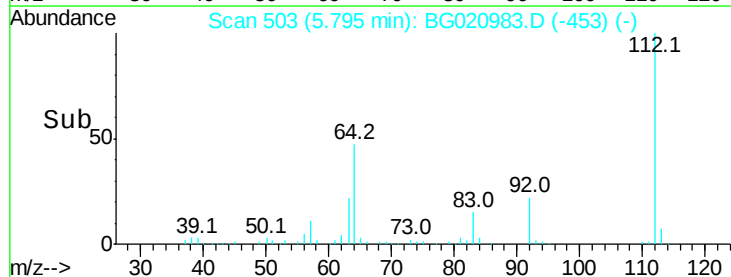
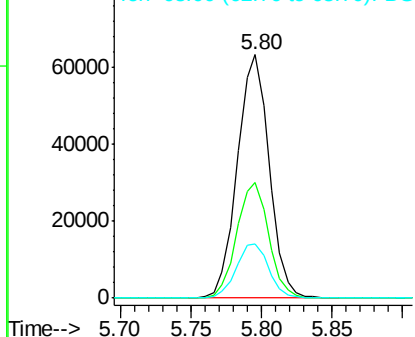
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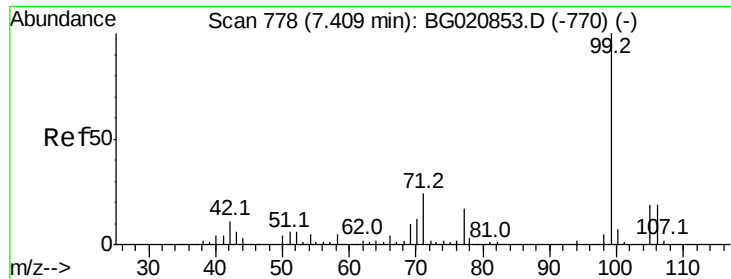
2-Fluorophenol
Concen: 94.77 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG020983.D
Acq: 19 Feb 2016 22:13

Tgt Ion:112 Resp: 99500
Ion Ratio Lower Upper
112 100
64 47.4 39.3 58.9
63 22.3 18.2 27.4



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: 94.57 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020983.D

Acq: 19 Feb 2016 22:13

Instrument :

BNA_G

ClientSampleId :

PB88453BL

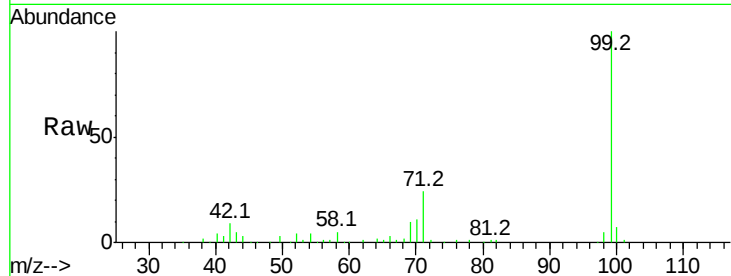
Tot Ion: 99 Resp: 145116

Ion Ratio Lower Upper

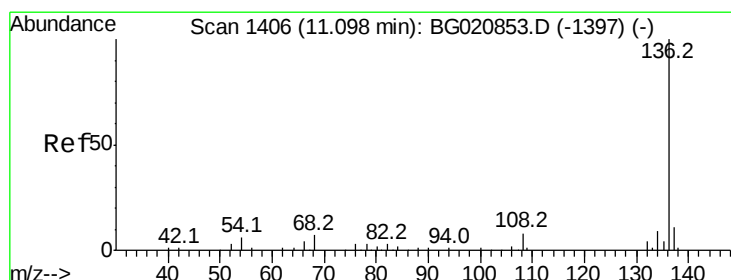
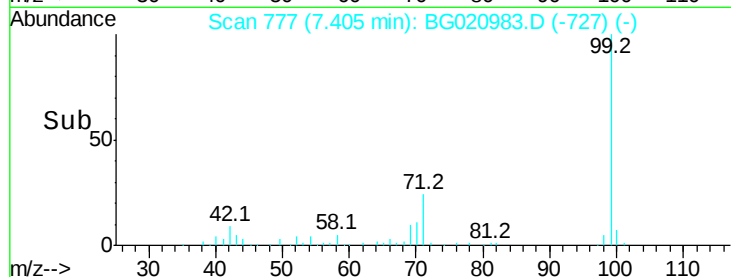
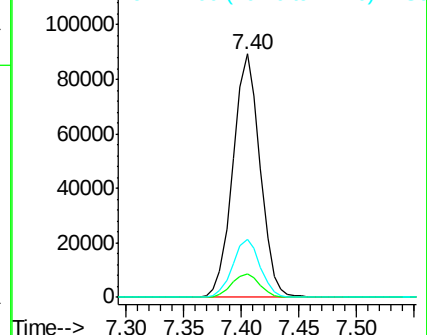
99 100

42 9.5 8.4 12.6

71 23.8 19.4 29.0



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: 20.00 ng

RT: 11.08 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG020983.D

Acq: 19 Feb 2016 22:13

Tgt Ion: 136 Resp: 93535

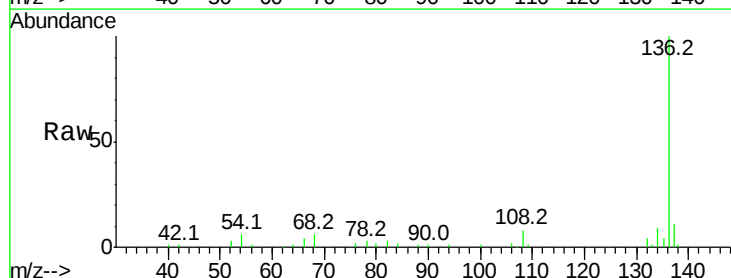
Ion Ratio Lower Upper

136 100

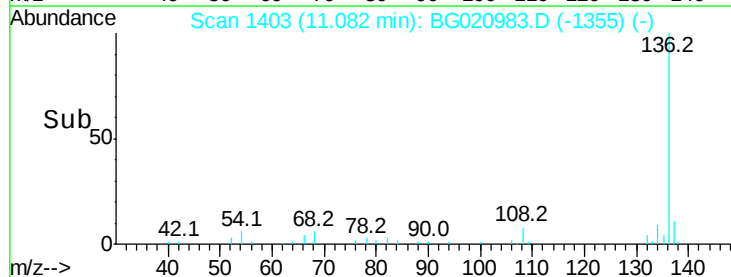
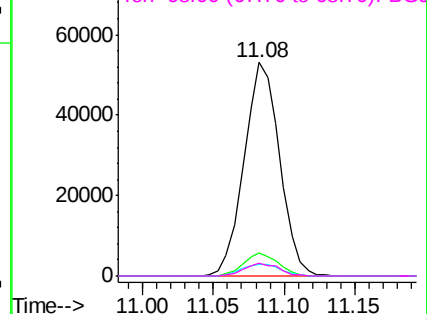
137 10.5 8.8 13.2

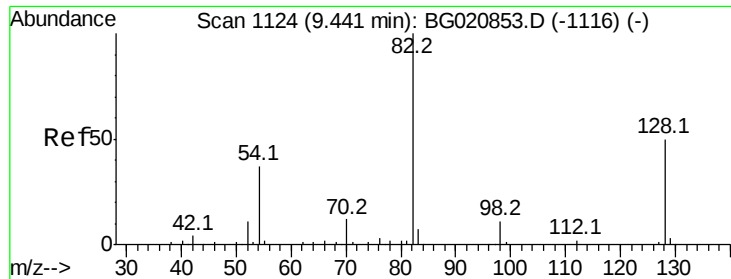
54 5.7 5.0 7.4

68 6.2 5.2 7.8



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

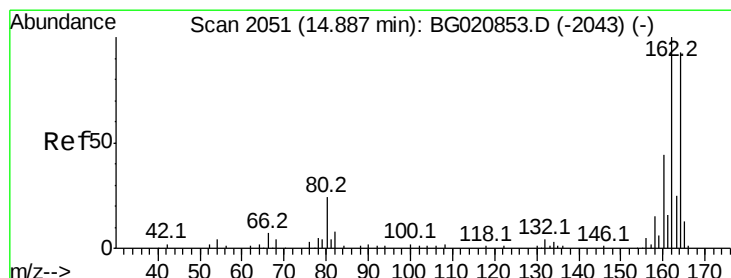
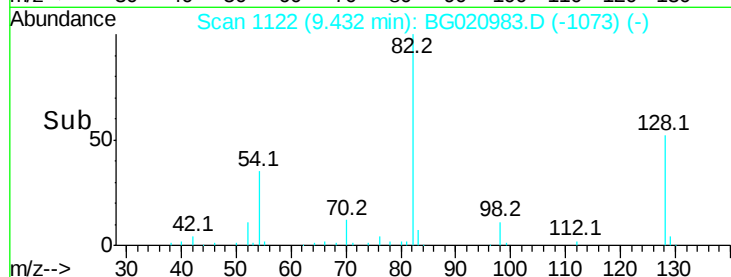
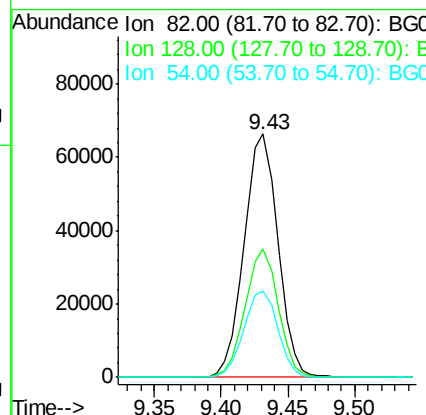
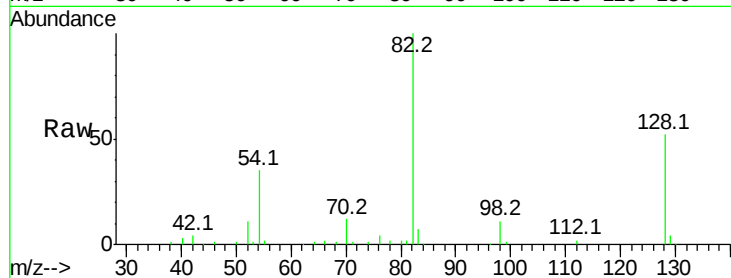




#23
 Nitrobenzene-d5
 Concen: 81.71 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020983.D
 Acq: 19 Feb 2016 22:13

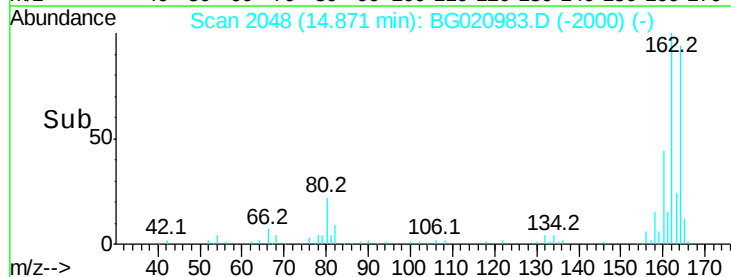
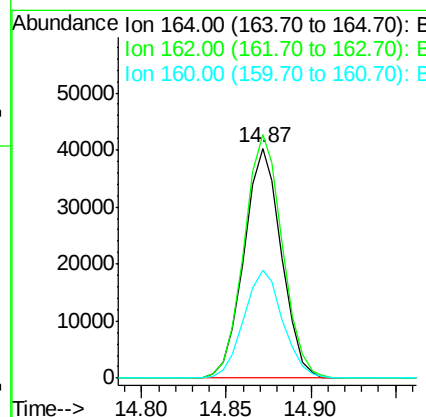
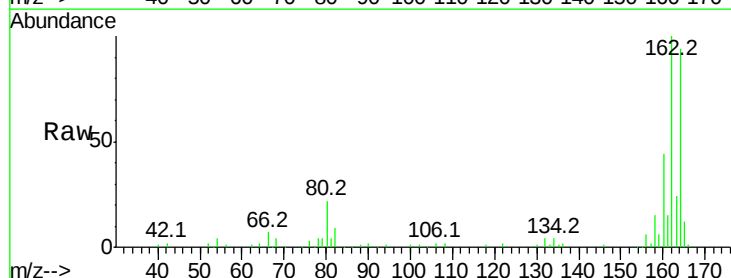
Instrument :
 BNA_G
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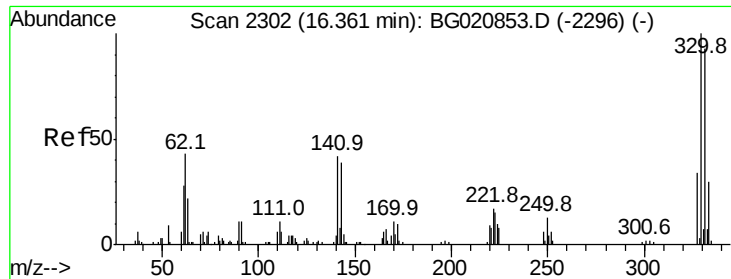
Tot Ion	82	Resp	116245
Ion Ratio	Lower	Upper	
82	100		
128	52.5	40.1	60.1
54	35.4	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020983.D
 Acq: 19 Feb 2016 22:13

Tgt Ion	164	Resp	61791
Ion Ratio	Lower	Upper	
164	100		
162	106.1	85.7	128.5
160	46.8	37.4	56.0

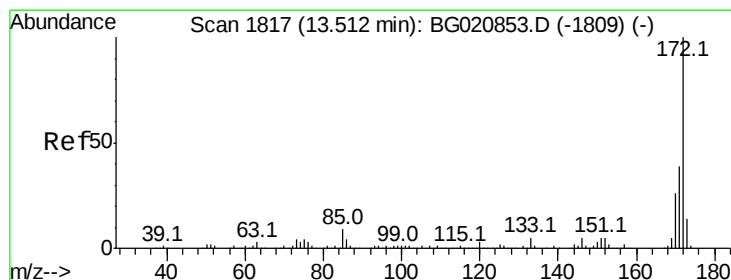
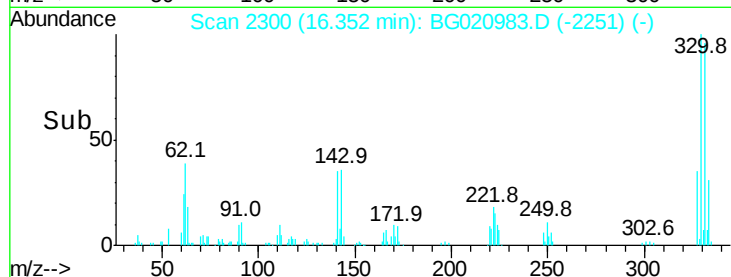
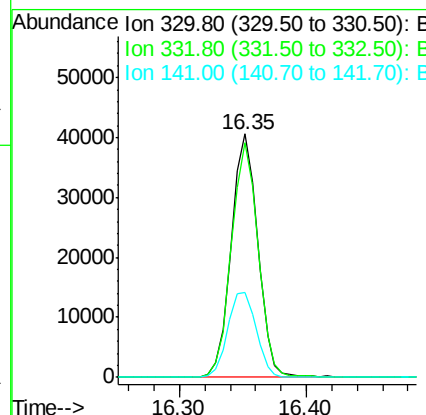
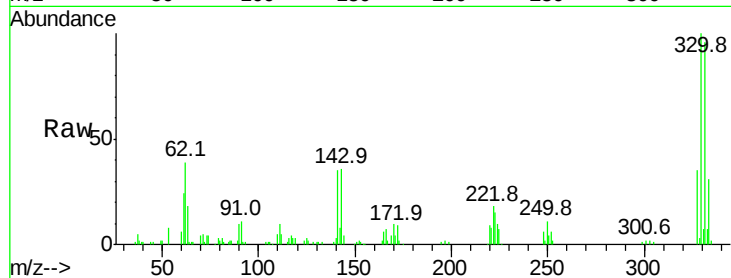




#41
 2,4,6-Tribromophenol
 Concen: 96.56 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020983.D
 Acq: 19 Feb 2016 22:13

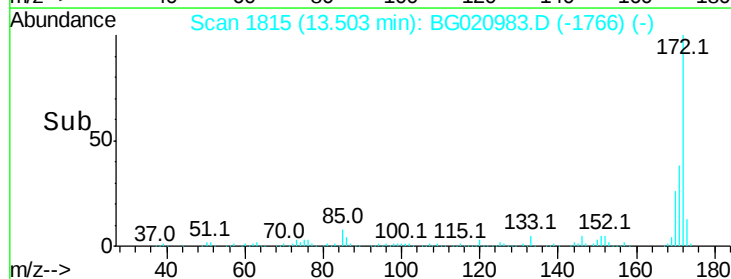
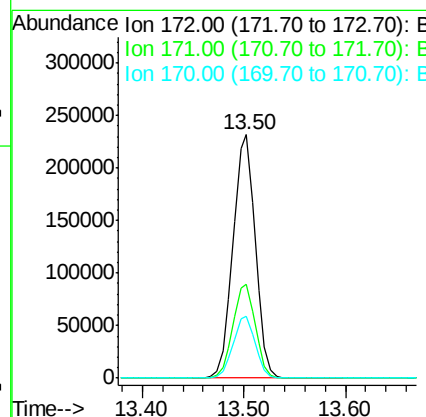
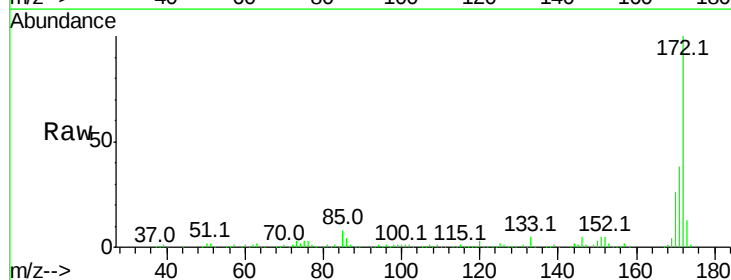
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BL

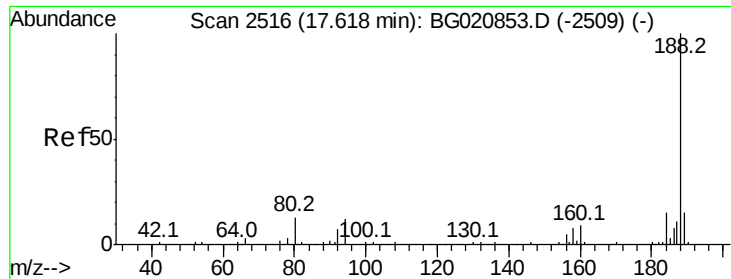
Tot Ion:330 Resp: 58672
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.1 114.1
 141 37.5 32.0 48.0



#44
 2-Fluorobiphenyl
 Concen: 80.13 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020983.D
 Acq: 19 Feb 2016 22:13

Tgt Ion:172 Resp: 352500
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.2 46.8
 170 25.6 20.6 30.8

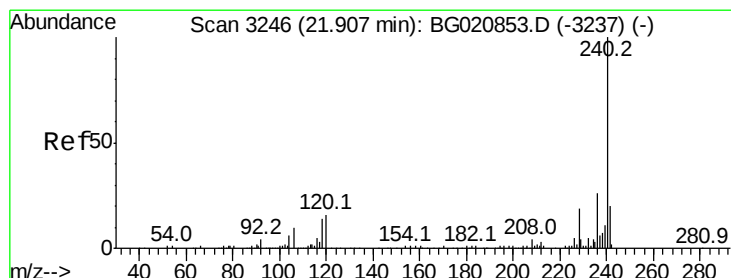
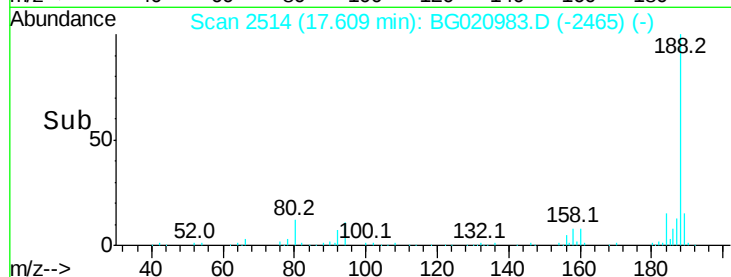
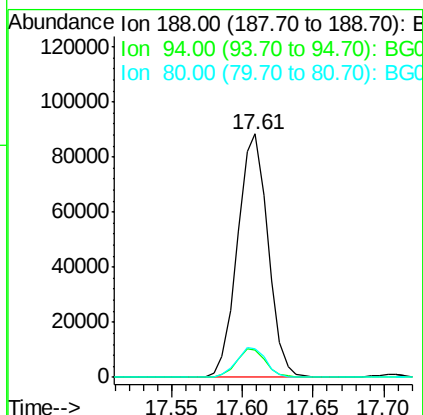
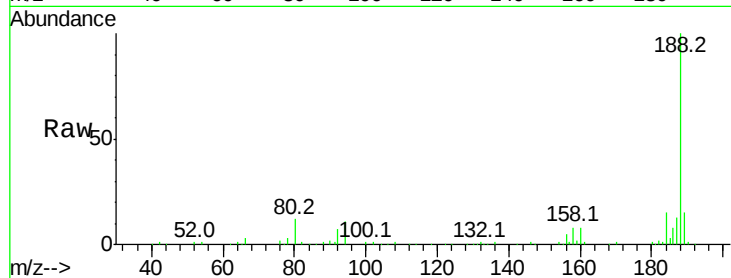




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020983.D
Acq: 19 Feb 2016 22:13

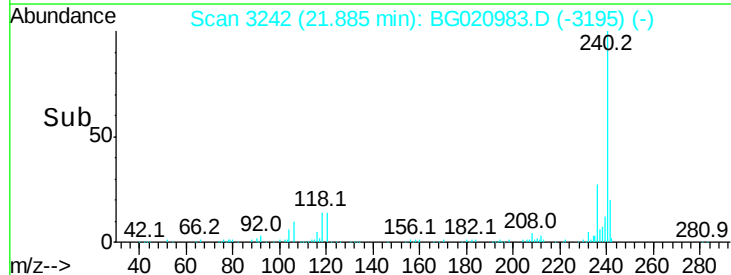
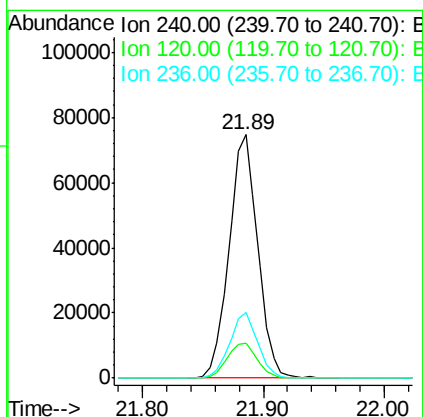
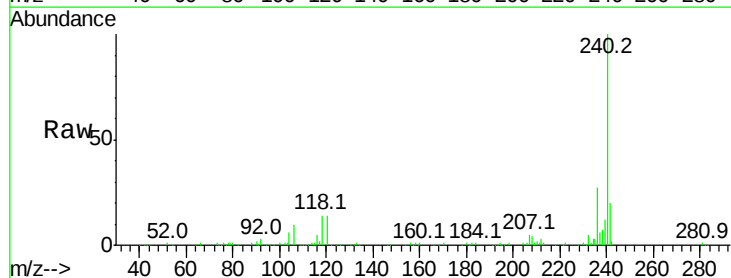
Instrument :
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PB88453BL

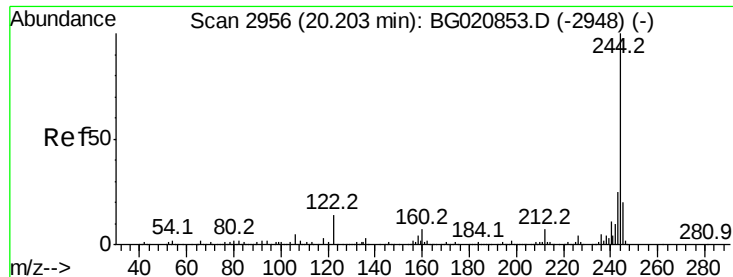
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.0
80	11.7	10.2	15.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020983.D
Acq: 19 Feb 2016 22:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	13.0	19.4
236	26.7	21.0	31.4





#78

Terphenyl-d14

Concen: 91.05 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020983.D

Acq: 19 Feb 2016 22:13

Instrument :

BNA_G

ClientSampleId :

PB88453BL

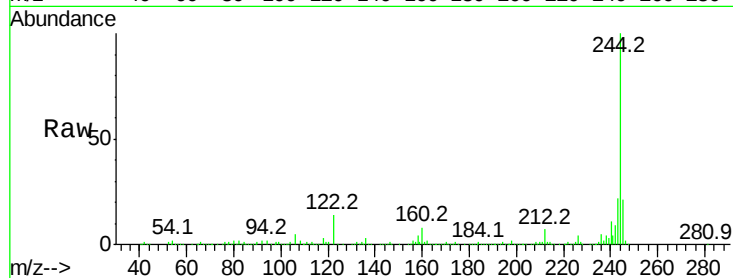
Tot Ion:244 Resp: 480897

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

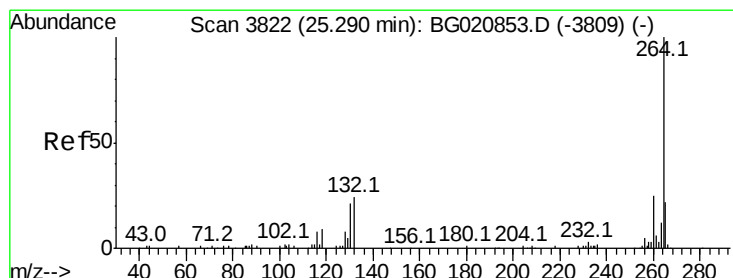
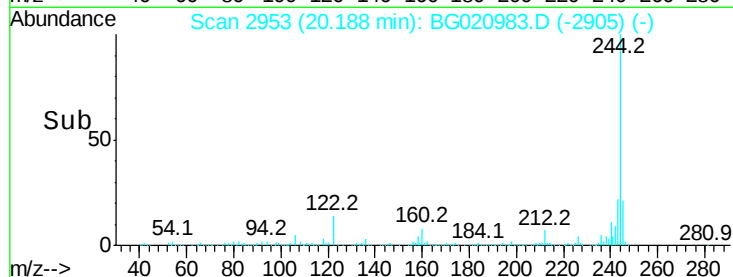
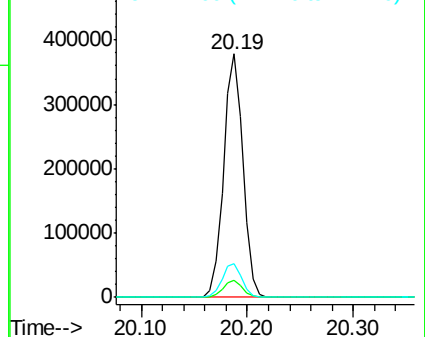
122 14.0 11.4 17.2



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: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG020983.D

Acq: 19 Feb 2016 22:13

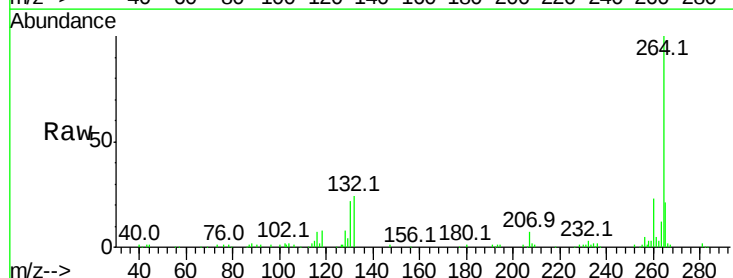
Tgt Ion:264 Resp: 115210

Ion Ratio Lower Upper

264 100

260 23.3 19.9 29.9

265 21.1 18.0 27.0



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

