

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
 Data File : BG024139.D
 Acq On : 26 Sep 2016 12:52
 Operator : UM/SJ
 Sample : H4887-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRACK-D-GRID-17B

Quant Time: Sep 26 15:02:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49137	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	218283	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	175494	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	417076	20.00	ng	0.00
75) Chrysene-d12	21.79	240	448013	20.00	ng	0.00
86) Perylene-d12	25.13	264	428775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	409500	144.38	ng	0.00
7) Phenol-d6	7.21	99	576671	120.84	ng	0.00
23) Nitrobenzene-d5	9.22	82	469545	84.78	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	302405	119.88	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	927371	88.83	ng	0.00
78) Terphenyl-d14	20.09	244	1636963	74.82	ng	0.00

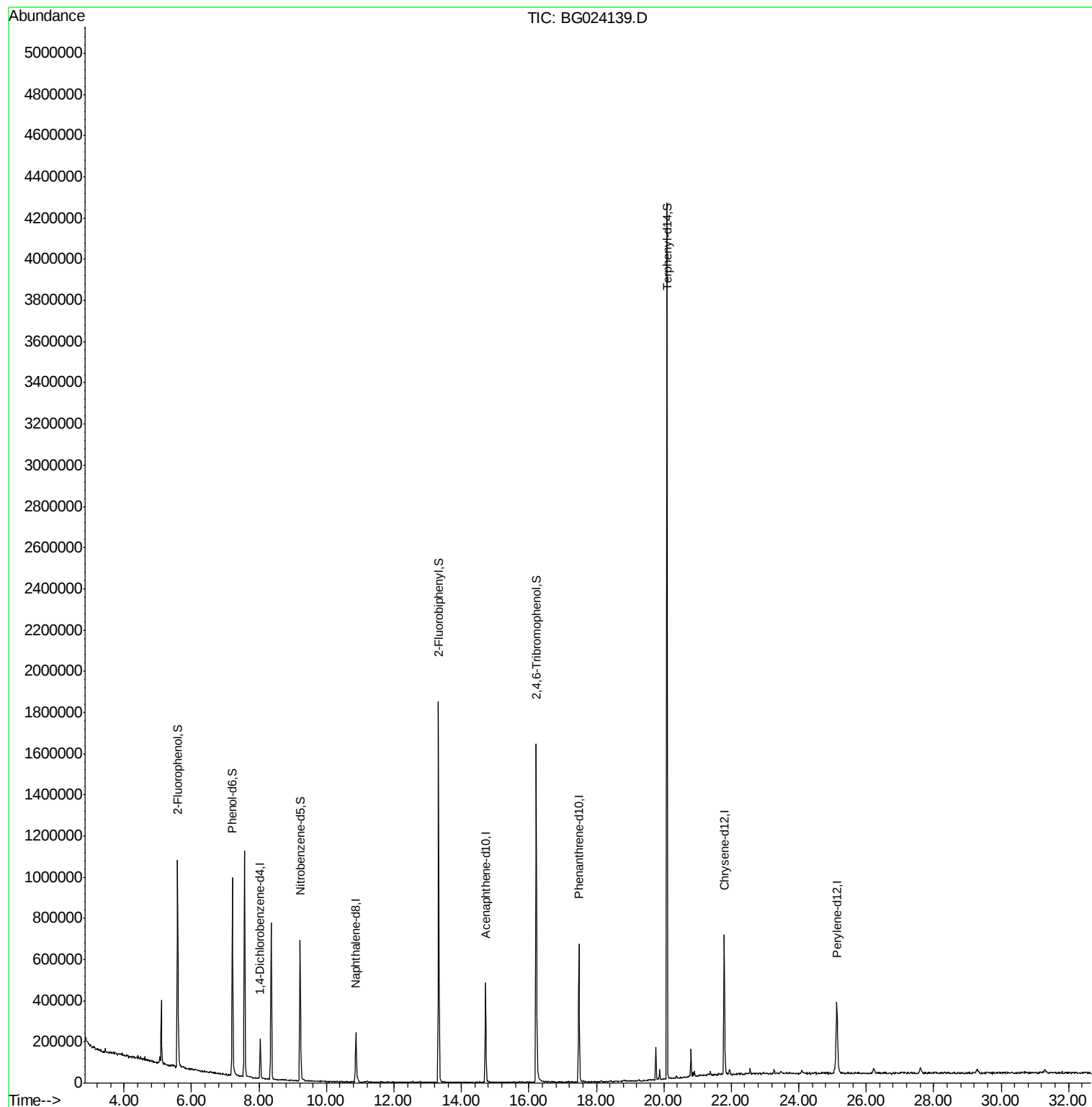
Target Compounds	Qvalue
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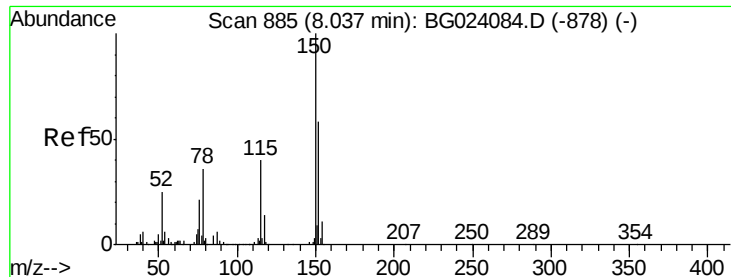
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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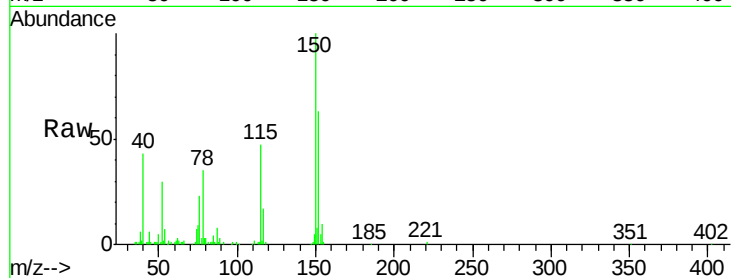


#1

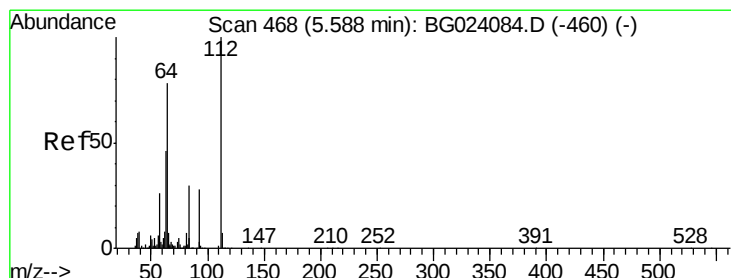
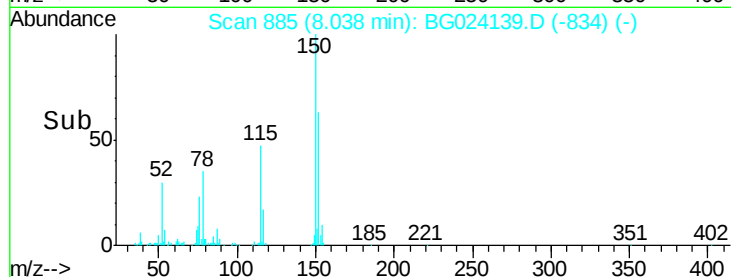
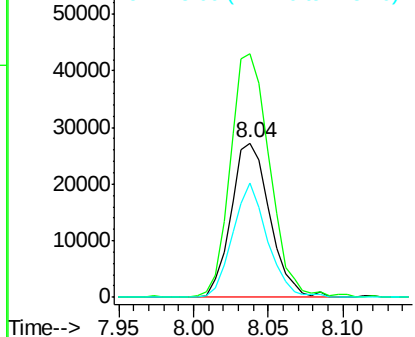
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Instrument :
BNA_G
ClientSampleId :
TRACK-D-GRID-17B

Tot Ion	152	Resp	49137
Ion	Ratio	Lower	Upper
152	100		
150	157.6	144.7	217.1
115	73.7	64.0	96.0



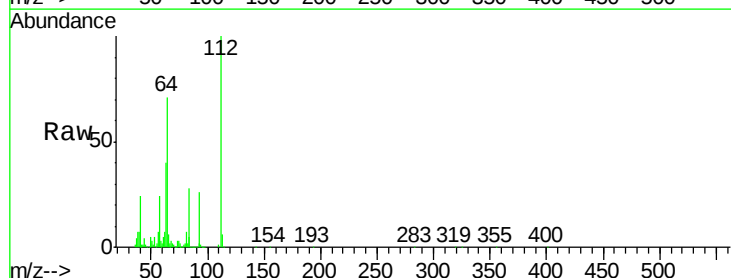
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



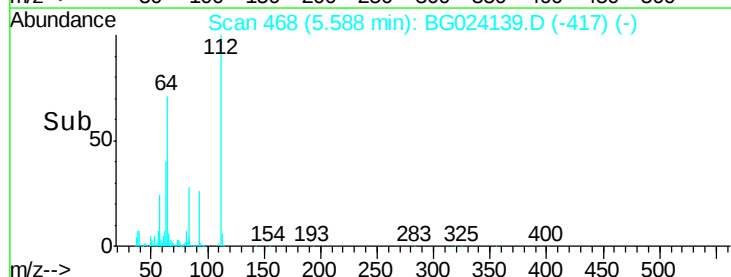
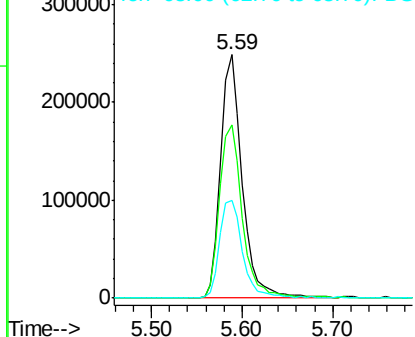
#5

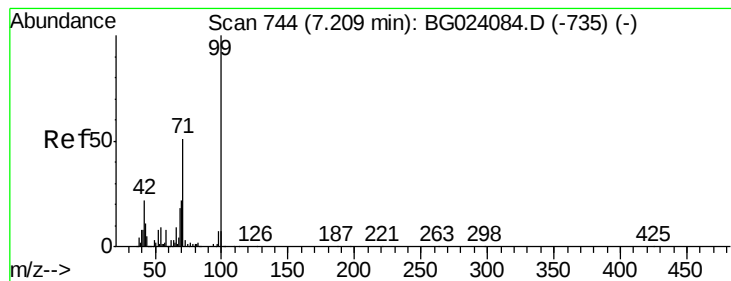
2-Fluorophenol
Concen: 144.38 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Tgt Ion	112	Resp	409500
Ion	Ratio	Lower	Upper
112	100		
64	71.1	59.0	88.4
63	40.0	37.8	56.8



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: 120.84 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024139.D

Acq: 26 Sep 2016 12:52

Instrument :

BNA_G

ClientSampleId :

TRACK-D-GRID-17B

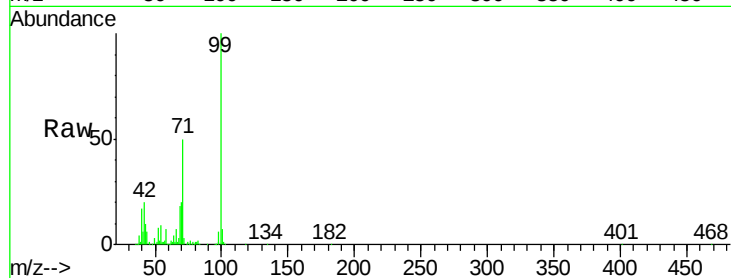
Tot Ion: 99 Resp: 576671

Ion Ratio Lower Upper

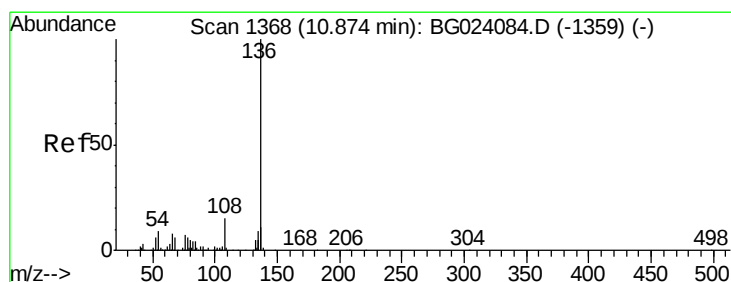
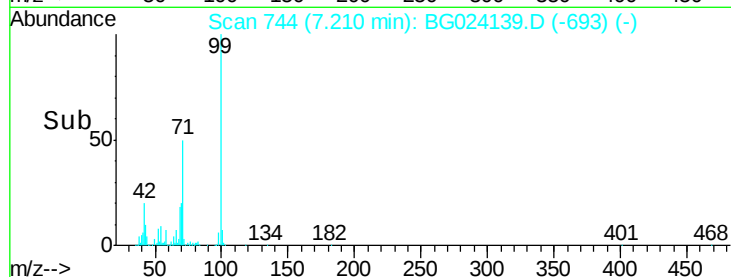
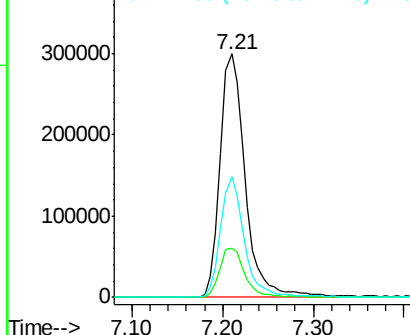
99 100

42 20.1 17.8 26.6

71 49.8 41.5 62.3



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: 10.87 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BG024139.D

Acq: 26 Sep 2016 12:52

Tgt Ion: 136 Resp: 218283

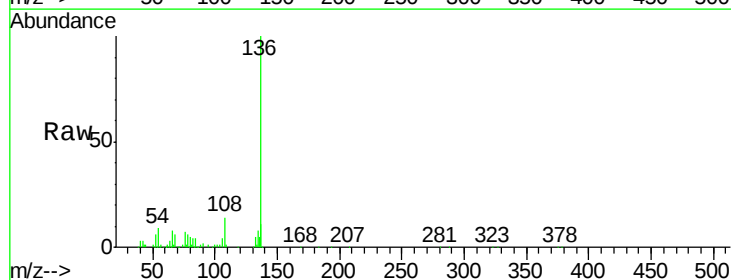
Ion Ratio Lower Upper

136 100

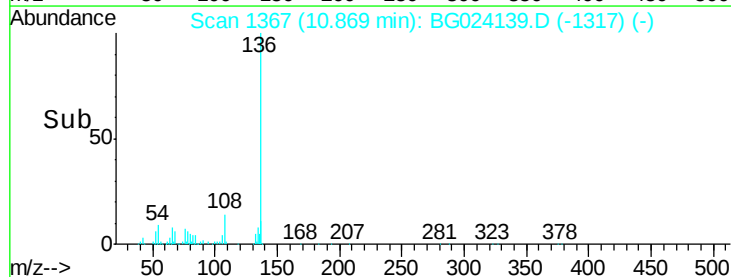
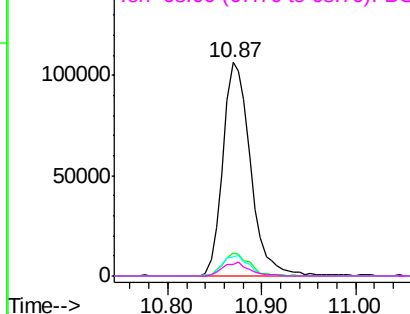
137 10.7 9.6 14.4

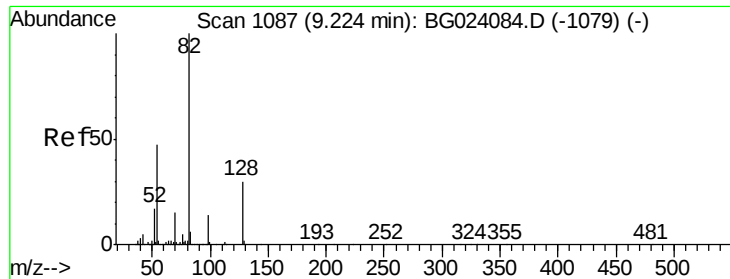
54 9.0 7.3 10.9

68 5.6 5.3 7.9



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

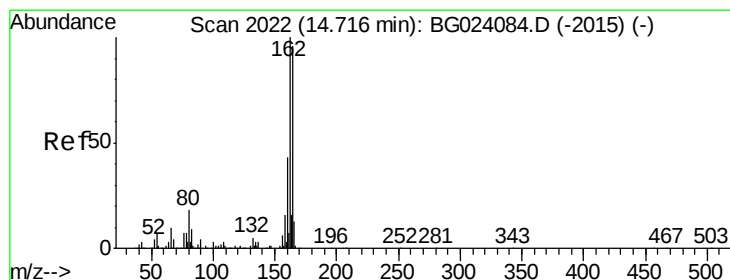
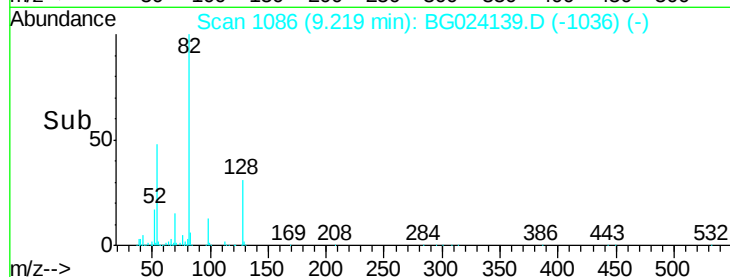
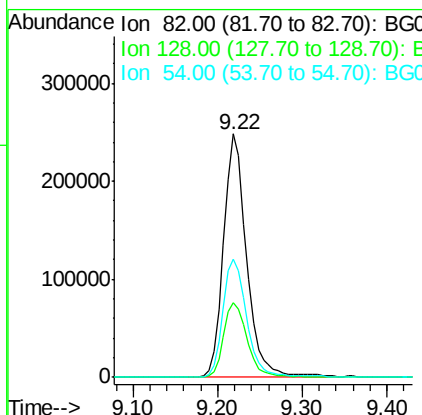
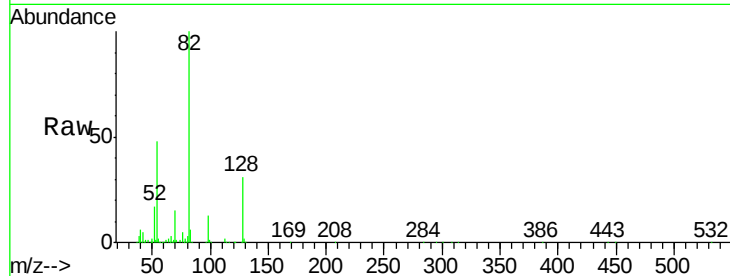




#23
 Nitrobenzene-d5
 Concen: 84.78 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024139.D
 Acq: 26 Sep 2016 12:52

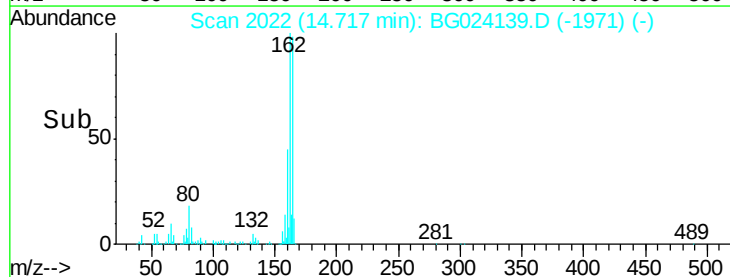
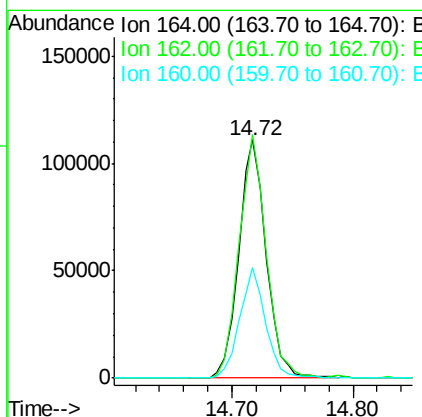
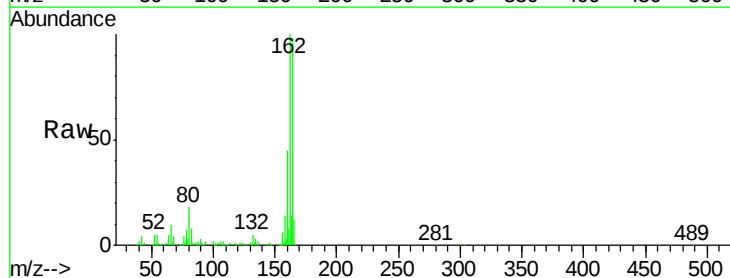
Instrument :
 BNA_G
 ClientSampleId :
 TRACK-D-GRID-17B

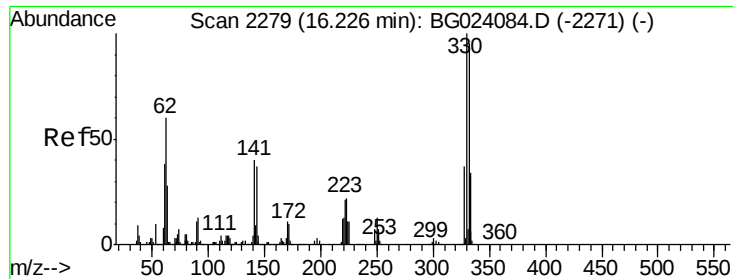
Tot Ion	82	Resp	469545
Ion Ratio	Lower	Upper	
82	100		
128	30.6	24.4	36.6
54	48.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG024139.D
 Acq: 26 Sep 2016 12:52

Tgt Ion	164	Resp	175494
Ion Ratio	Lower	Upper	
164	100		
162	102.1	87.7	131.5
160	46.1	37.2	55.8

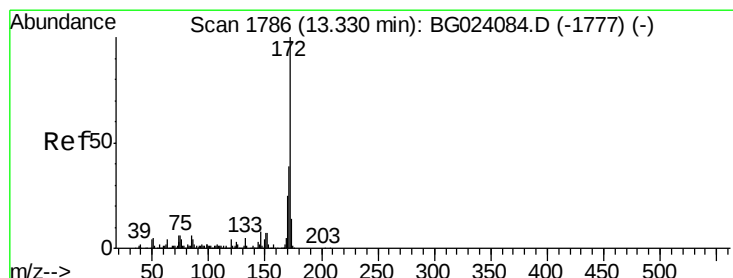
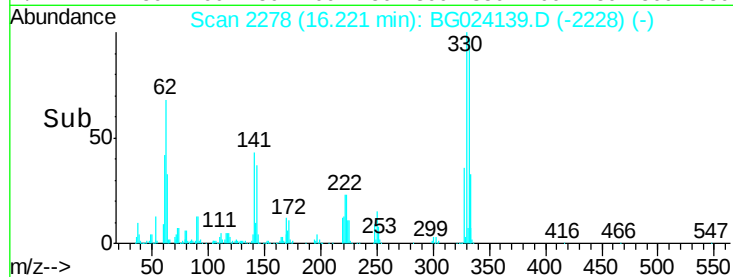
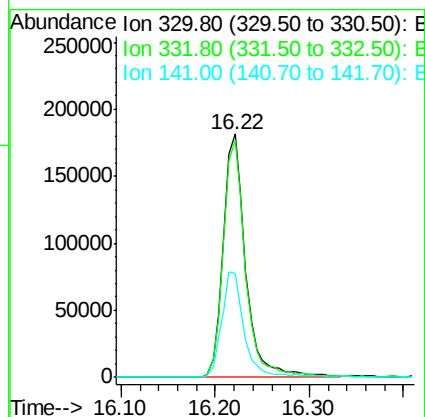
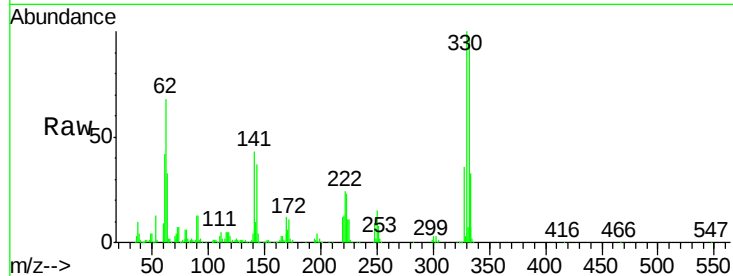




#41
 2,4,6-Tribromophenol
 Concen: 119.88 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024139.D
 Acq: 26 Sep 2016 12:52

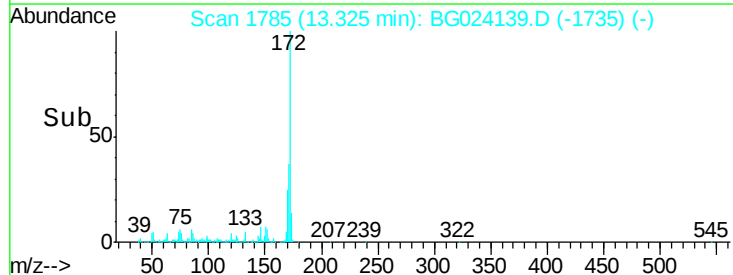
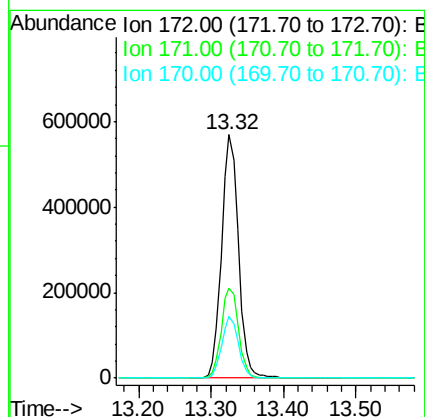
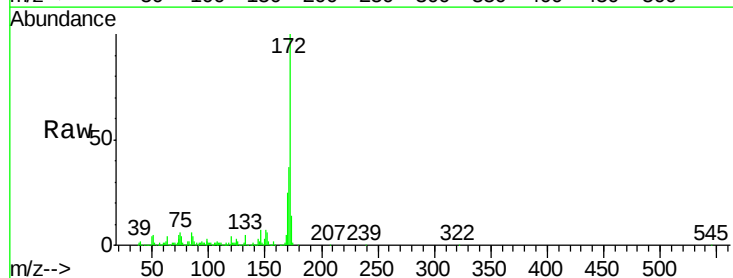
Instrument :
 BNA_G
 ClientSampleId :
 TRACK-D-GRID-17B

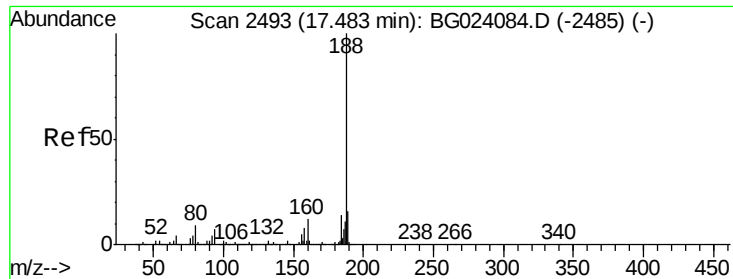
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	43.3	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 88.83 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024139.D
 Acq: 26 Sep 2016 12:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.6	47.4
170	25.3	21.3	31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG024139.D

Acq: 26 Sep 2016 12:52

Instrument :

BNA_G

ClientSampleId :

TRACK-D-GRID-17B

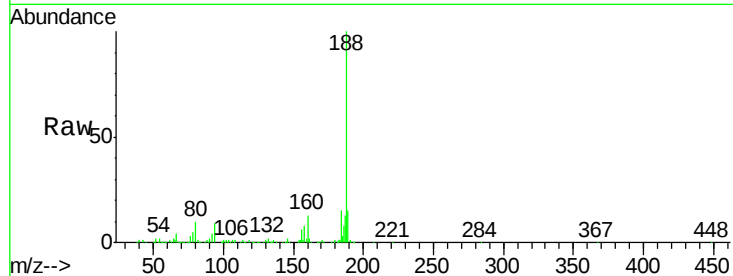
Tot Ion:188 Resp: 417076

Ion Ratio Lower Upper

188 100

94 9.2 5.2 7.8#

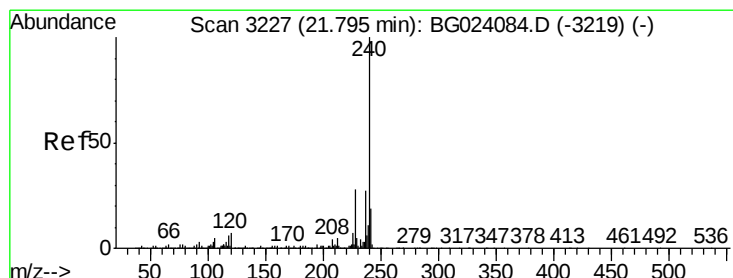
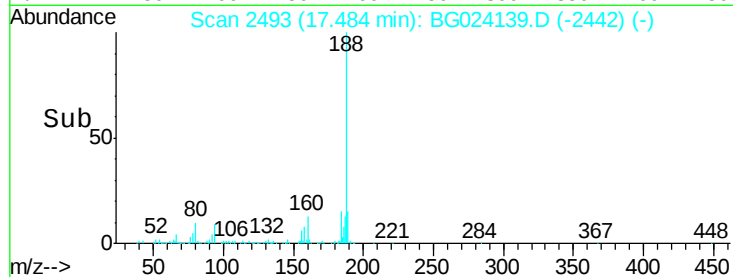
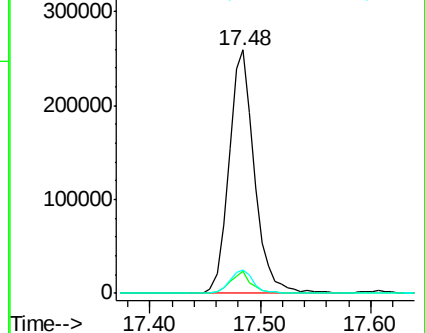
80 9.5 7.2 10.8



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: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024139.D

Acq: 26 Sep 2016 12:52

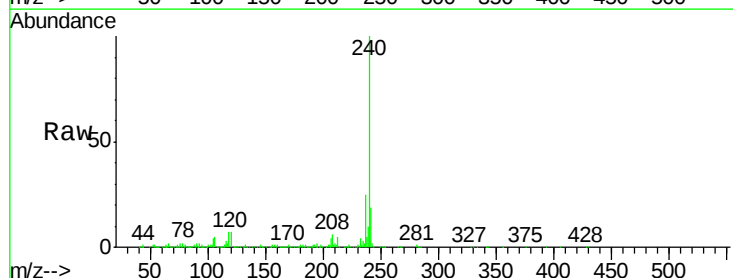
Tgt Ion:240 Resp: 448013

Ion Ratio Lower Upper

240 100

120 6.9 4.1 6.1#

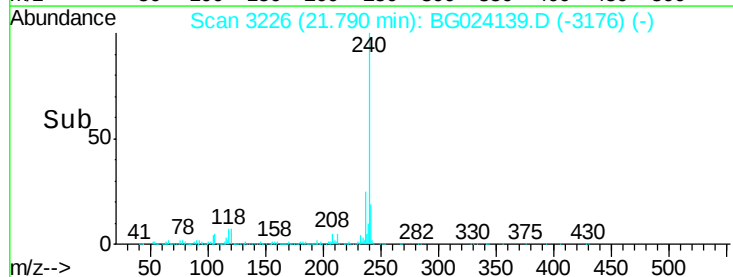
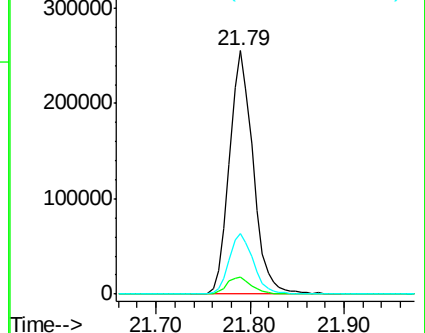
236 25.0 21.1 31.7

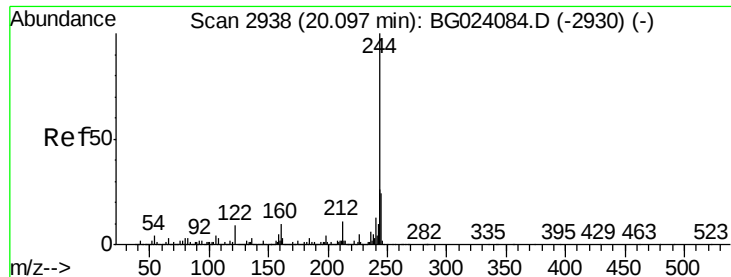


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.82 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024139.D

Acq: 26 Sep 2016 12:52

Instrument :

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ClientSampleId :

TRACK-D-GRID-17B

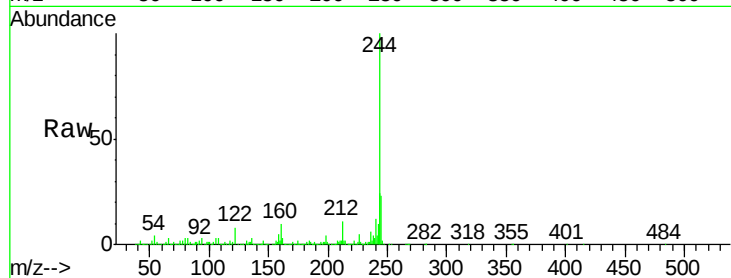
Tot Ion:244 Resp: 1636963

Ion Ratio Lower Upper

244 100

212 10.7 10.8 16.2#

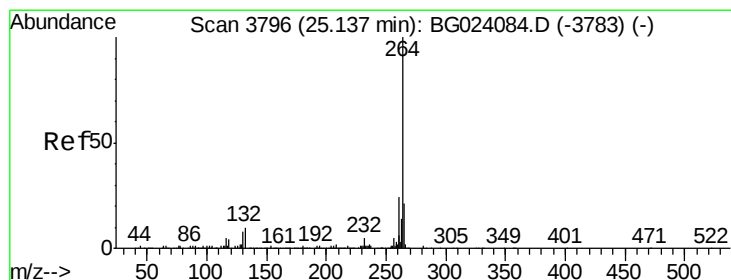
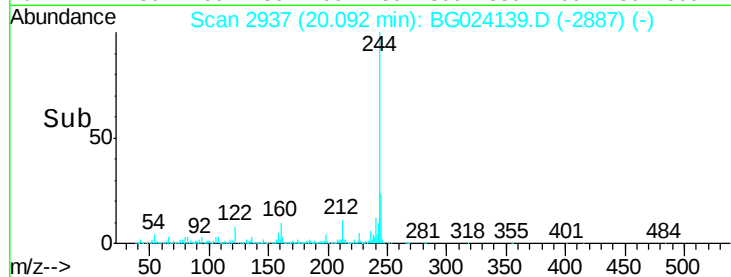
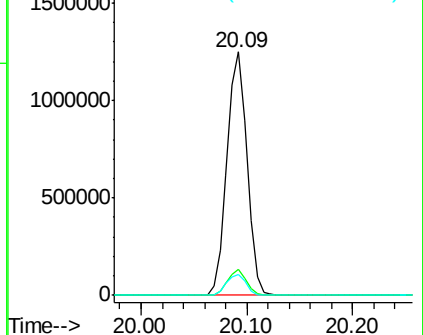
122 8.4 8.0 12.0



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: 25.13 min Scan# 3795

Delta R.T. -0.01 min

Lab File: BG024139.D

Acq: 26 Sep 2016 12:52

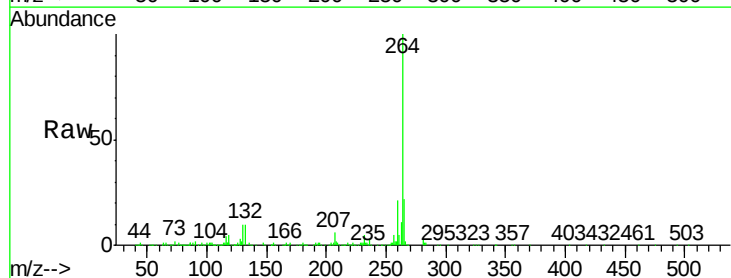
Tgt Ion:264 Resp: 428775

Ion Ratio Lower Upper

264 100

260 21.2 18.4 27.6

265 21.9 18.9 28.3



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

