

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022488.D
 Acq On : 22 Jun 2016 6:15
 Operator : UM/SJ
 Sample : H3600-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1393(0-4)

Quant Time: Jun 22 07:05:58 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 02:15:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	17846	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	86602	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	62058	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	144579	20.00	ng	0.00
75) Chrysene-d12	21.64	240	119054	20.00	ng	0.00
86) Perylene-d12	24.84	264	105809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	79324	85.94	ng	0.00
7) Phenol-d6	7.17	99	110494	76.14	ng	0.00
23) Nitrobenzene-d5	9.16	82	127084	102.31	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	80442	114.72	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	393330	96.59	ng	0.00
78) Terphenyl-d14	19.98	244	571133	113.89	ng	0.00

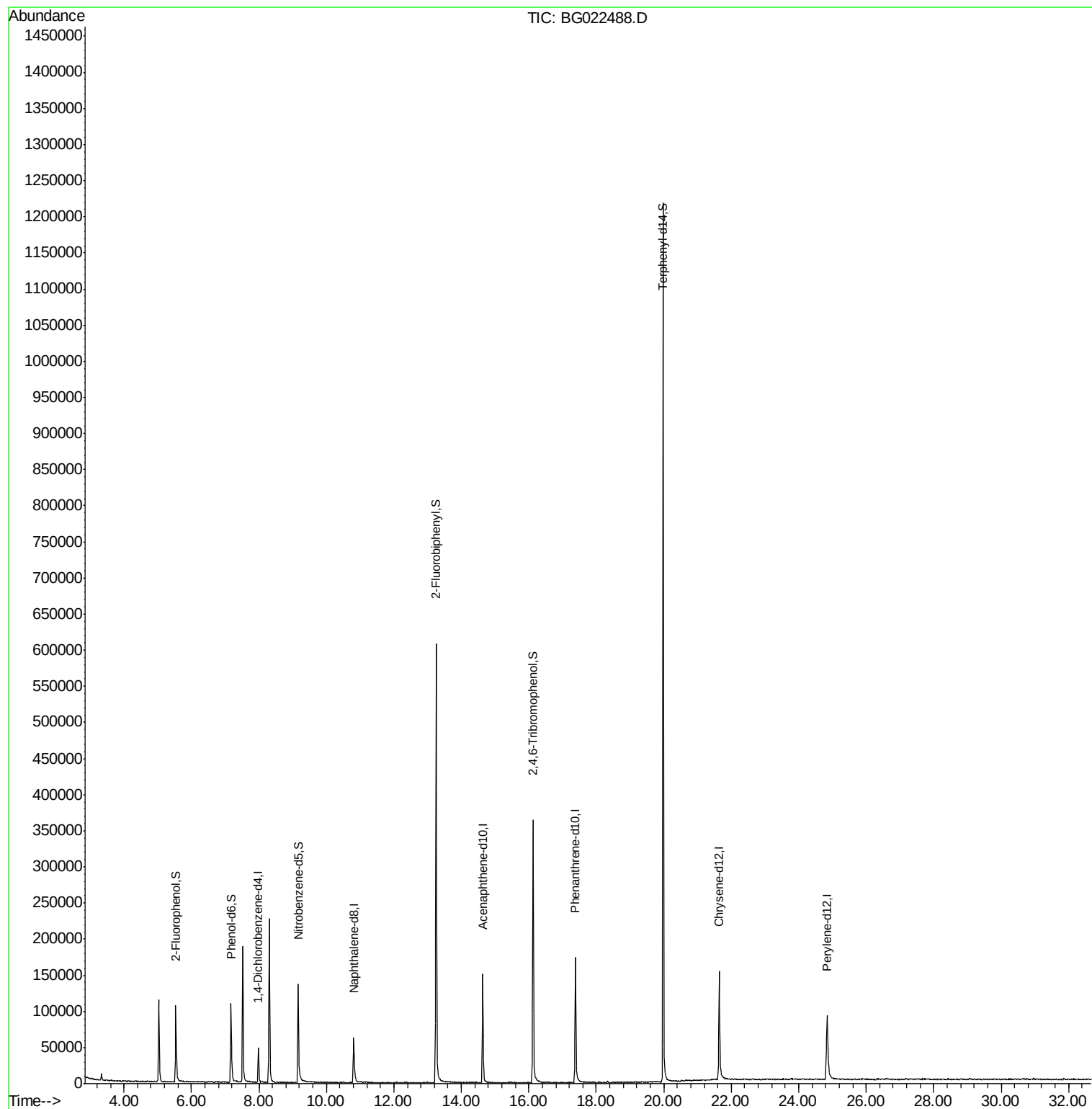
Target Compounds Qvalue

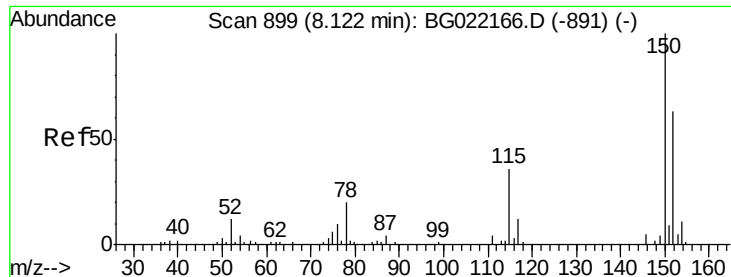
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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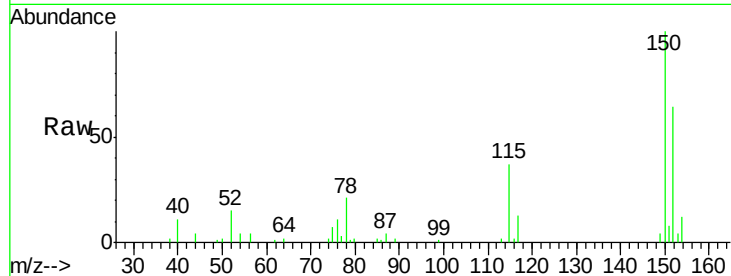


#1

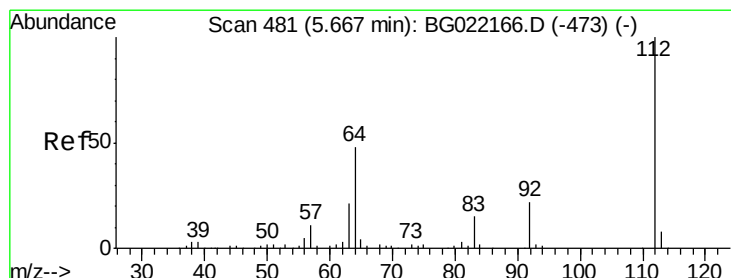
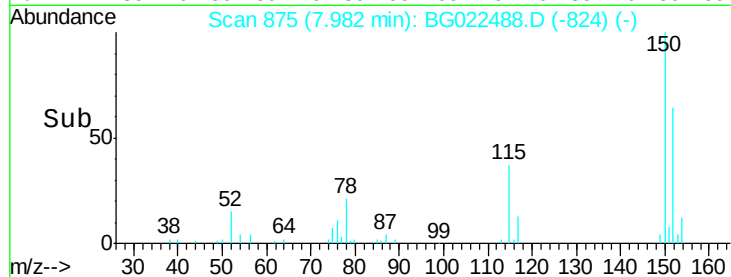
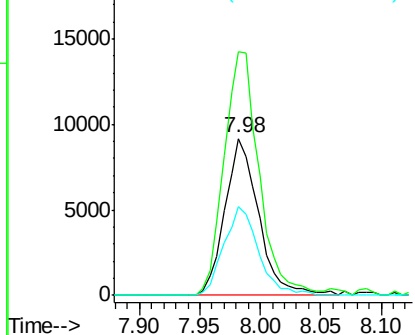
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG022488.D
Acq: 22 Jun 2016 6:15

Instrument :
BNA_G
ClientSampleId :
PM-STA-1393(0-4)

Tot Ion:152 Resp: 17846
Ion Ratio Lower Upper
152 100
150 155.3 130.1 195.1
115 56.8 62.2 93.2#



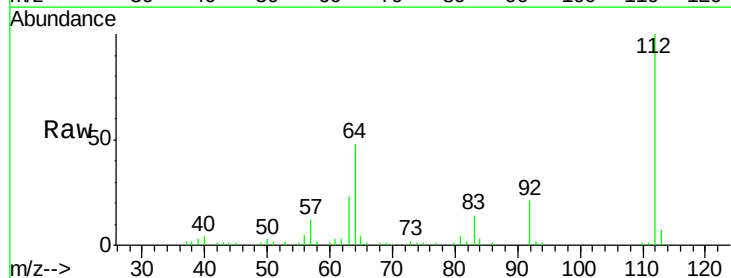
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



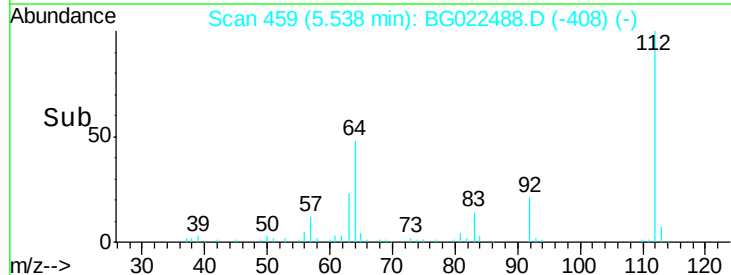
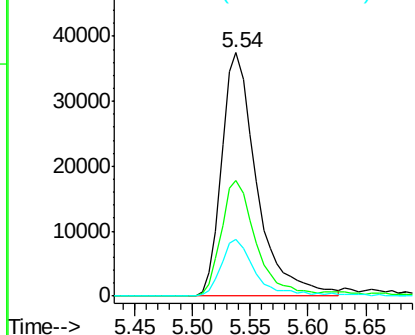
#5

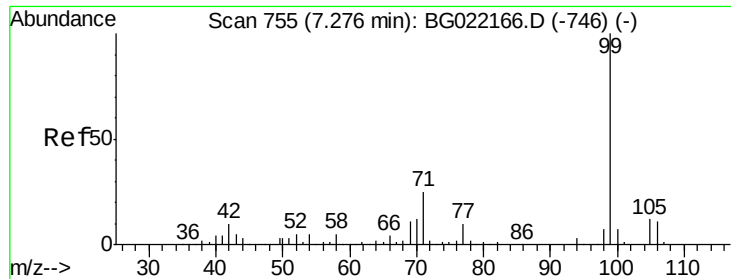
2-Fluorophenol
Concen: 85.94 ng
RT: 5.54 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG022488.D
Acq: 22 Jun 2016 6:15

Tgt Ion:112 Resp: 79324
Ion Ratio Lower Upper
112 100
64 47.7 51.1 76.7#
63 23.1 24.6 37.0#



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: 76.14 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG022488.D

Acq: 22 Jun 2016 6:15

Instrument :

BNA_G

ClientSampleId :

PM-STA-1393(0-4)

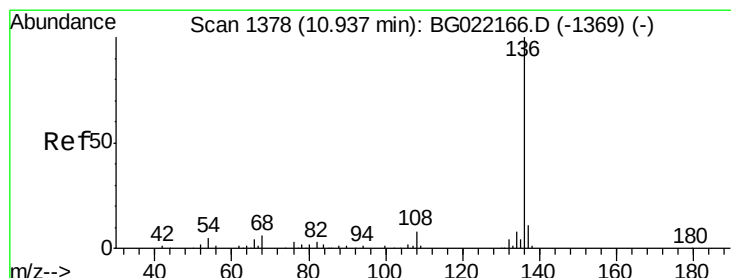
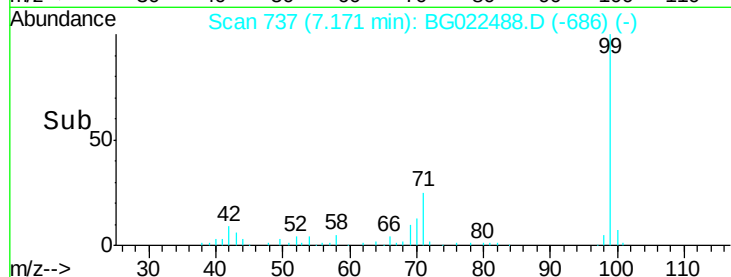
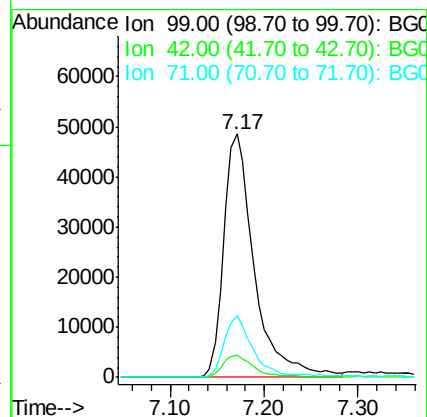
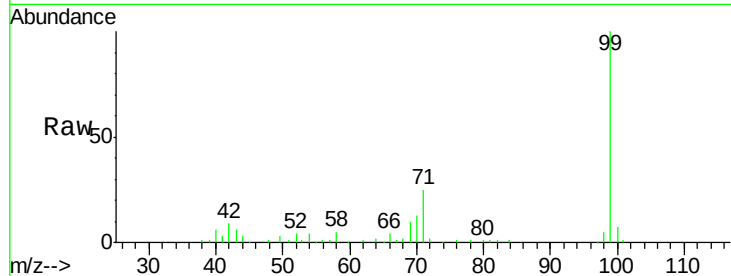
Tot Ion: 99 Resp: 110494

Ion Ratio Lower Upper

99 100

42 9.4 16.4 24.6#

71 25.2 25.0 37.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG022488.D

Acq: 22 Jun 2016 6:15

Tgt Ion: 136 Resp: 86602

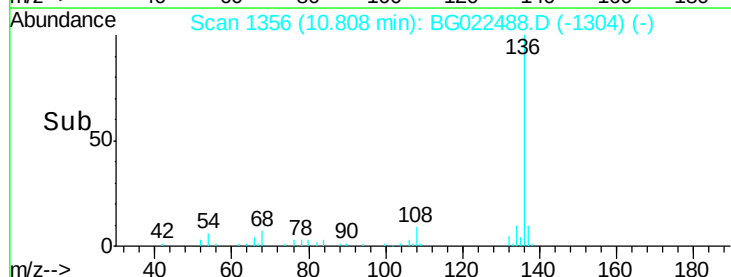
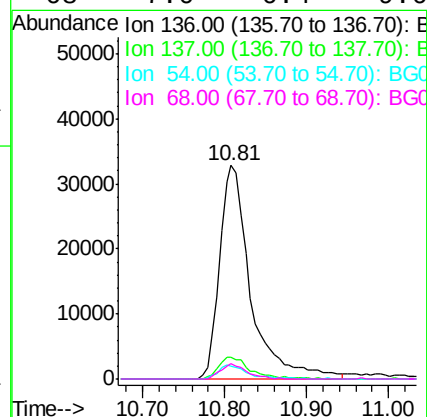
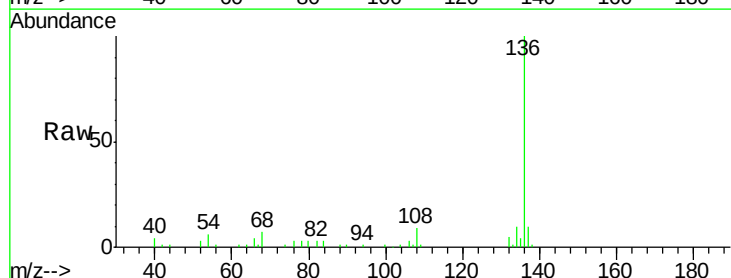
Ion Ratio Lower Upper

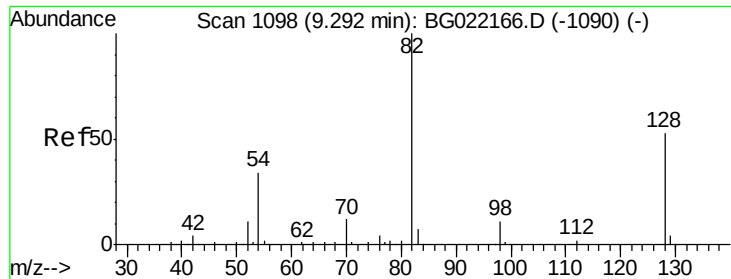
136 100

137 10.4 9.0 13.4

54 5.7 9.6 14.4#

68 7.0 6.4 9.6

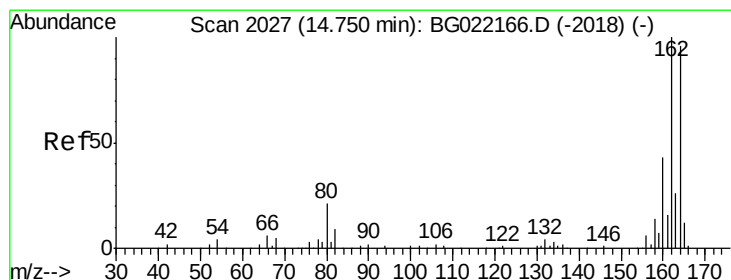
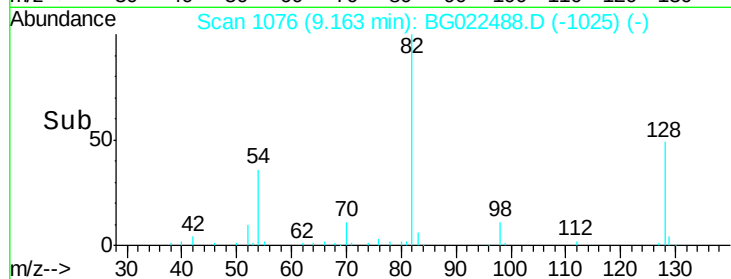
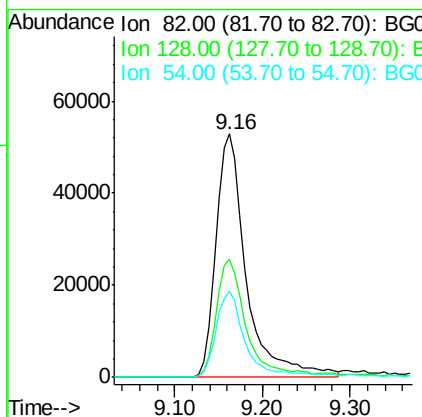
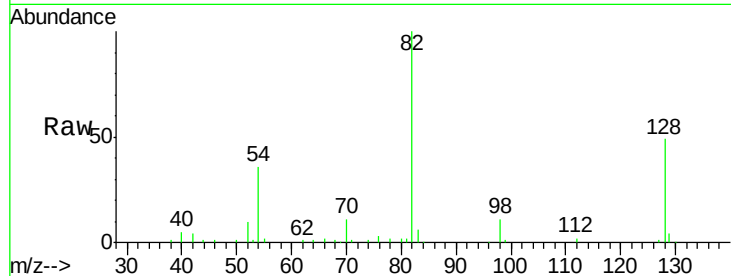




#23
 Nitrobenzene-d5
 Concen: 102.31 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG022488.D
 Acq: 22 Jun 2016 6:15

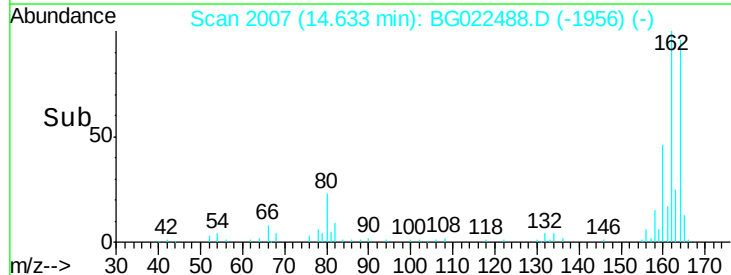
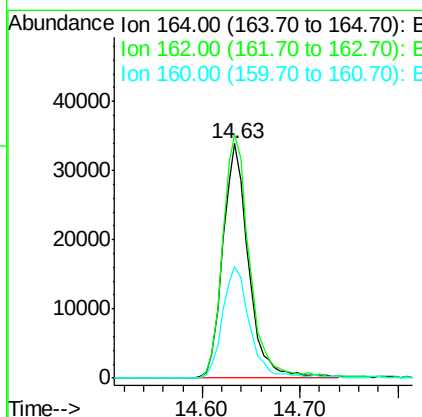
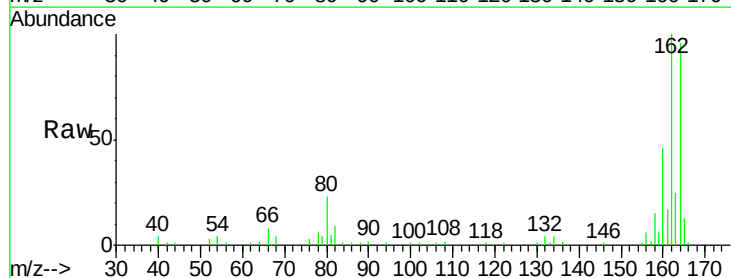
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1393(0-4)

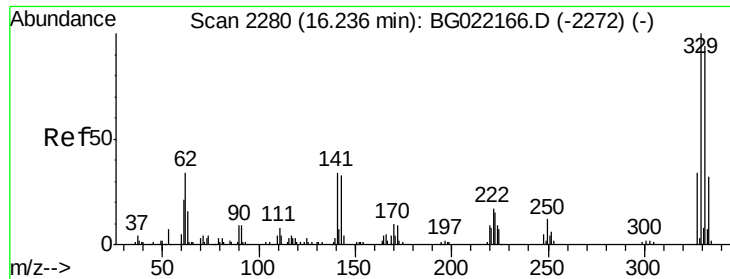
Tot Ion	82	Resp	127084
Ion Ratio	Lower	Upper	
82	100		
128	48.6	33.4	50.0
54	35.6	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG022488.D
 Acq: 22 Jun 2016 6:15

Tgt Ion	164	Resp	62058
Ion Ratio	Lower	Upper	
164	100		
162	104.0	78.0	117.0
160	47.8	32.9	49.3

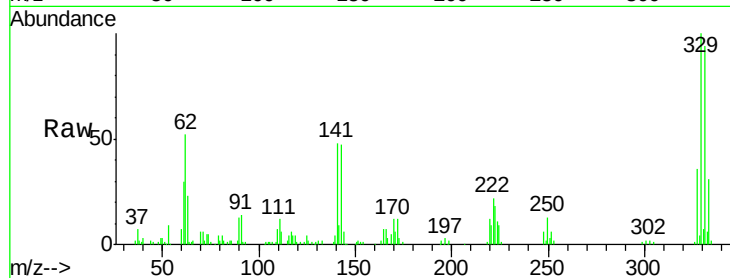




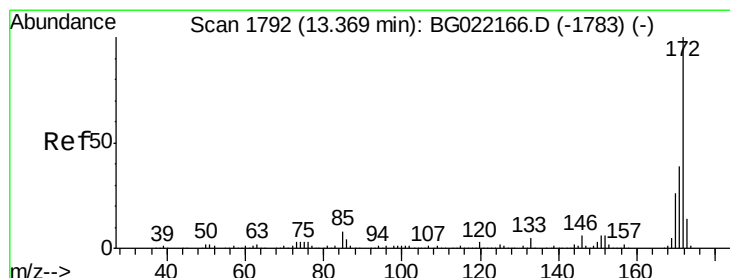
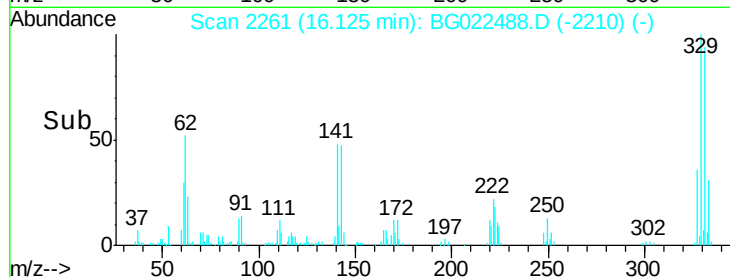
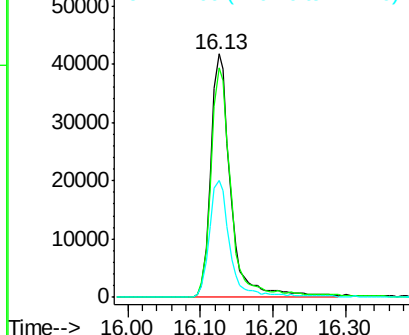
#41
 2,4,6-Tribromophenol
 Concen: 114.72 ng
 RT: 16.13 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: BG022488.D
 Acq: 22 Jun 2016 6:15

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1393(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.0	117.0
141	49.1	33.8	50.8

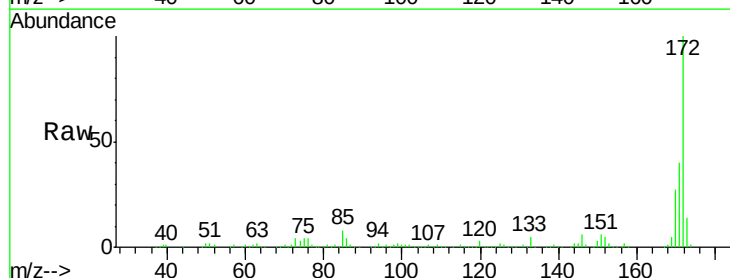


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

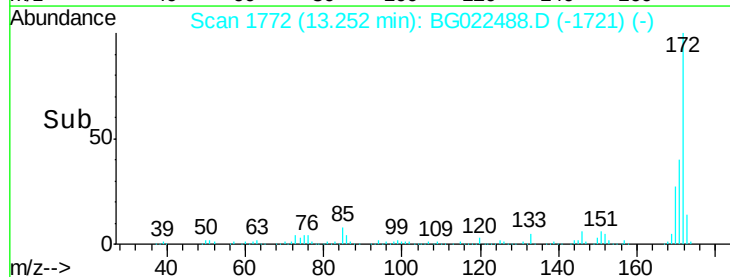
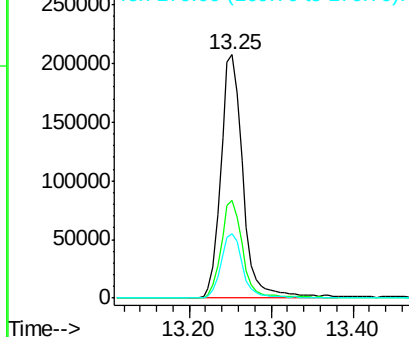


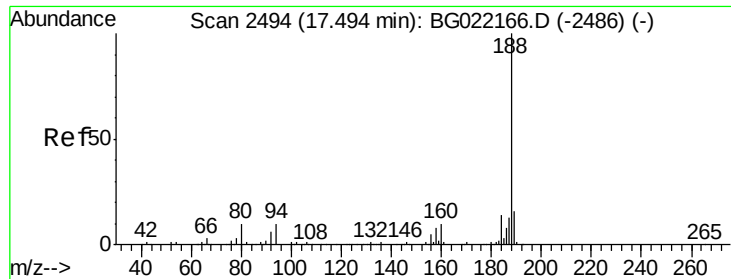
#44
 2-Fluorobiphenyl
 Concen: 96.59 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022488.D
 Acq: 22 Jun 2016 6:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	27.8	41.6
170	26.6	19.6	29.4



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

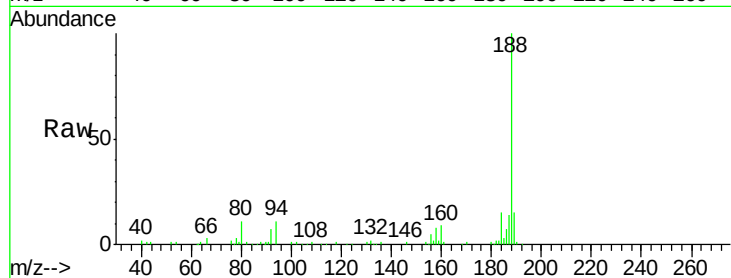




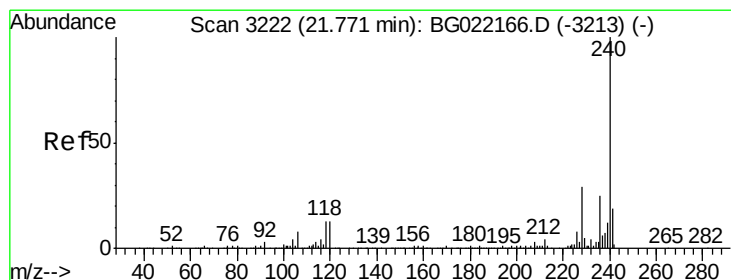
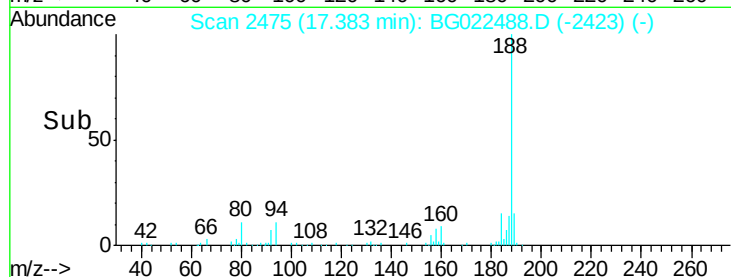
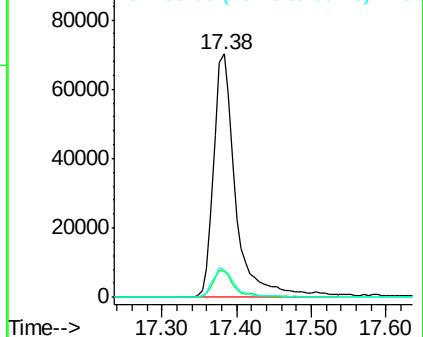
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BG022488.D
Acq: 22 Jun 2016 6:15

Instrument :
BNA_G
ClientSampleId :
PM-STA-1393(0-4)

Tot Ion:188 Resp: 144579
Ion Ratio Lower Upper
188 100
94 10.8 7.5 11.3
80 11.0 8.6 13.0

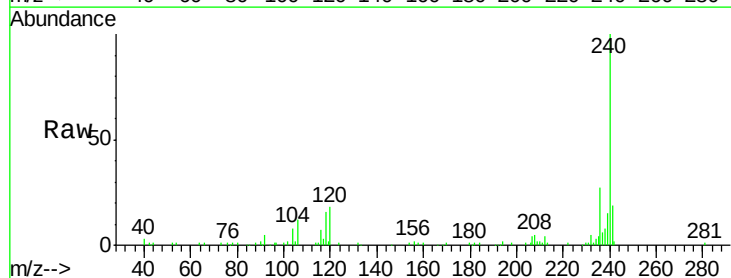


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

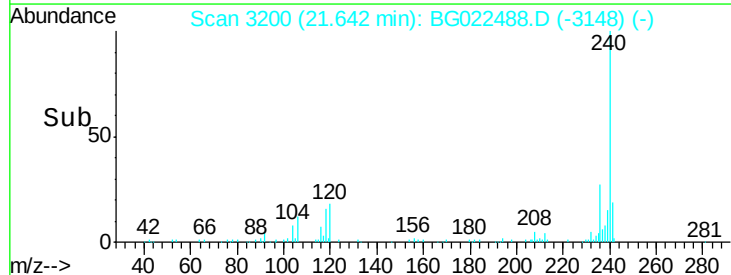
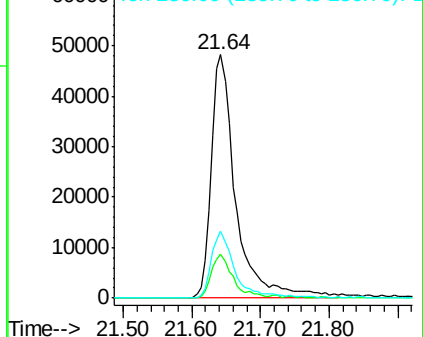


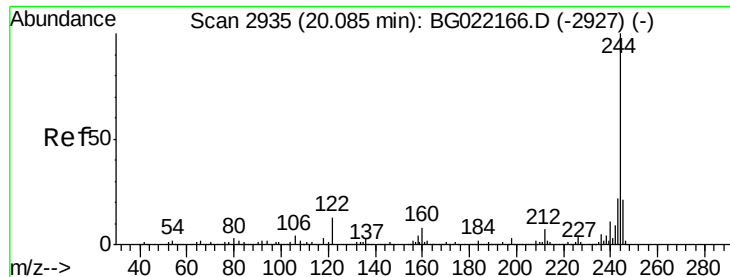
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. 0.00 min
Lab File: BG022488.D
Acq: 22 Jun 2016 6:15

Tgt Ion:240 Resp: 119054
Ion Ratio Lower Upper
240 100
120 17.9 8.4 12.6#
236 27.3 19.6 29.4



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: 113.89 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG022488.D

Acq: 22 Jun 2016 6:15

Instrument :

BNA_G

ClientSampleId :

PM-STA-1393(0-4)

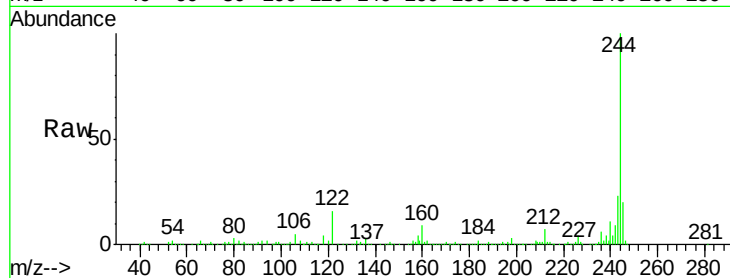
Tot Ion:244 Resp: 571133

Ion Ratio Lower Upper

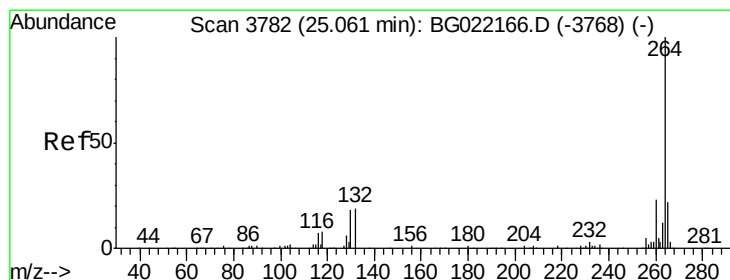
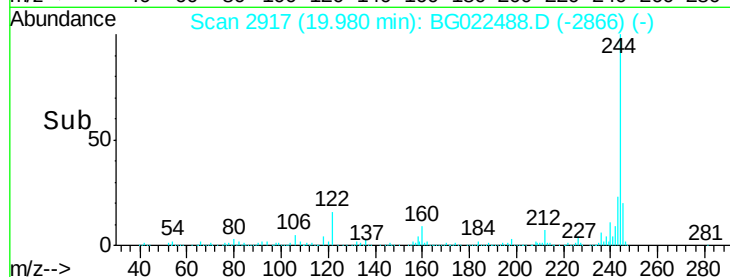
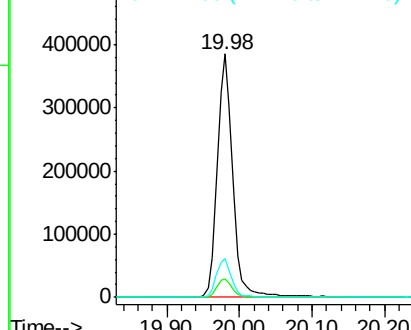
244 100

212 7.4 6.5 9.7

122 16.0 8.6 12.8#



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: 24.84 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BG022488.D

Acq: 22 Jun 2016 6:15

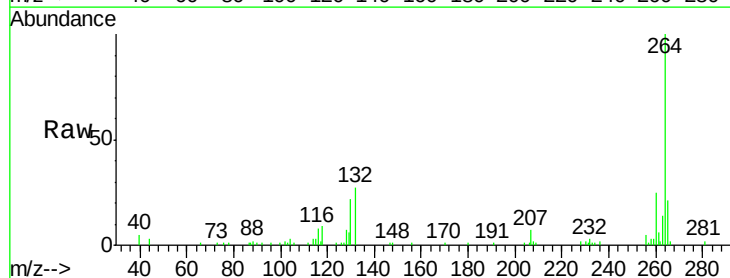
Tgt Ion:264 Resp: 105809

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.4

265 20.8 17.8 26.8



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

