

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016648.D
 Acq On : 23 Apr 2015 10:09
 Operator : TP/IZ
 Sample : G1976-02DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0435DL

Manual Integrations
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Quant Time: Apr 23 16:00:59 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	51208	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	255731	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	170006	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	357156	20.00	ng	0.00
75) Chrysene-d12	21.21	240	303136	20.00	ng	0.00
86) Perylene-d12	23.43	264	289927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	86210	26.98	ng	0.00
7) Phenol-d6	6.84	99	79826	17.88	ng	0.00
23) Nitrobenzene-d5	8.79	82	168574	40.59	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	77044	66.72	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	411545	40.09	ng	0.00
78) Terphenyl-d14	19.65	244	425077	33.78	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.63	122	9196m	2.27	ng	Qvalue
31) Naphthalene	10.47	128	700162	52.45	ng	99
37) 2-Methylnaphthalene	12.09	142	226515	23.70	ng	98

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

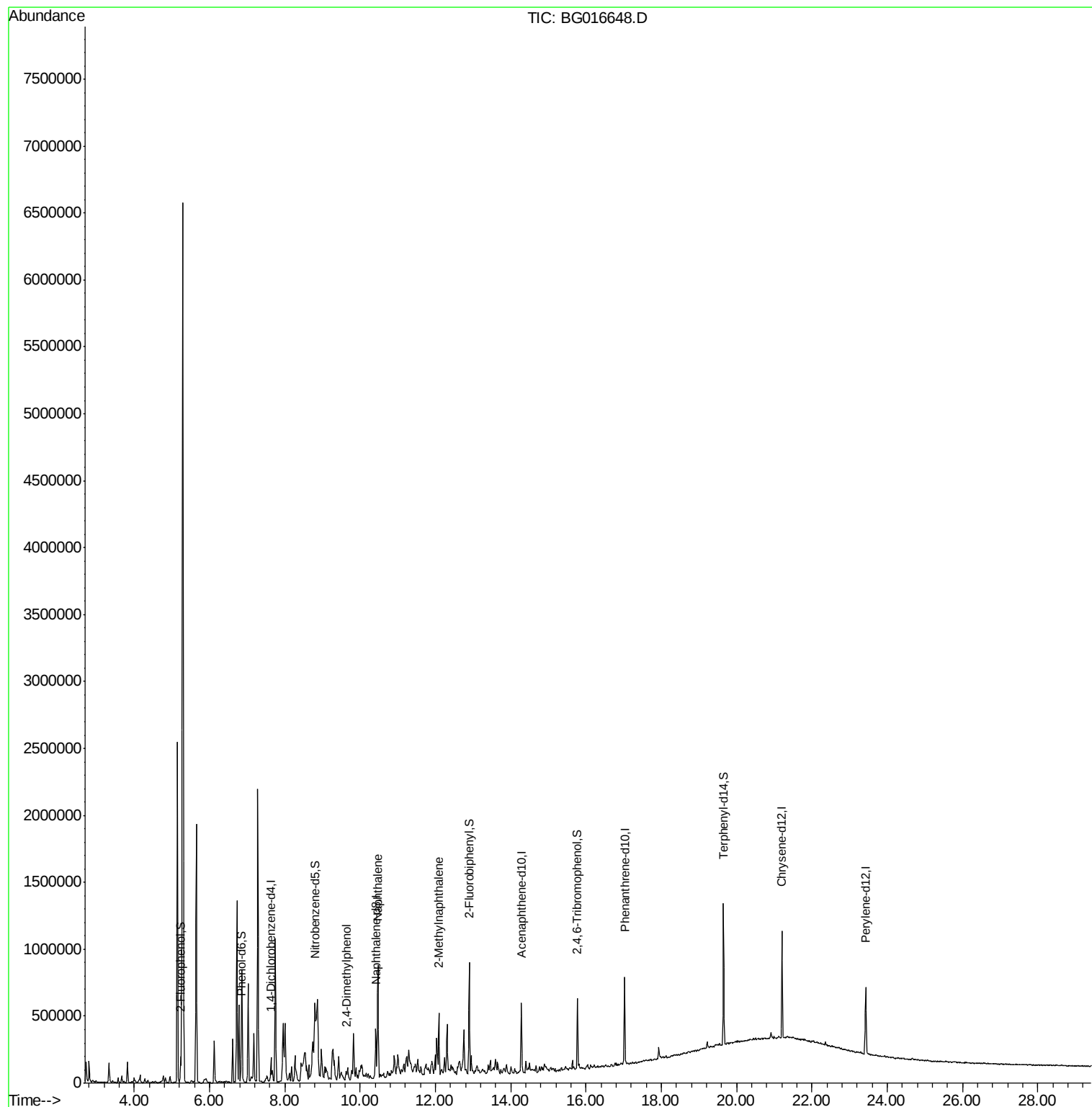
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016648.D
Acq On : 23 Apr 2015 10:09
Operator : TP/IZ
Sample : G1976-02DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

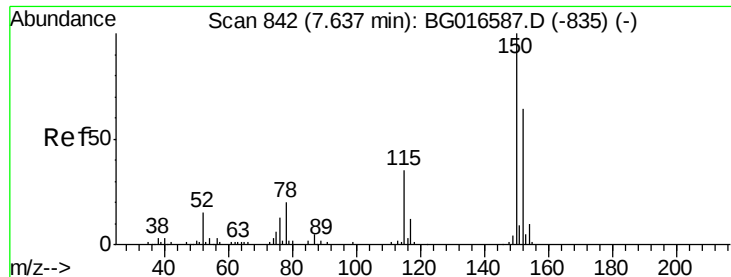
Instrument :
BNA_G
ClientSampleId :
S8-0435DL

Manual Integrations
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Quant Time: Apr 23 16:00:59 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.63 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG016648.D

Acq: 23 Apr 2015 10:09

Instrument :

BNA_G

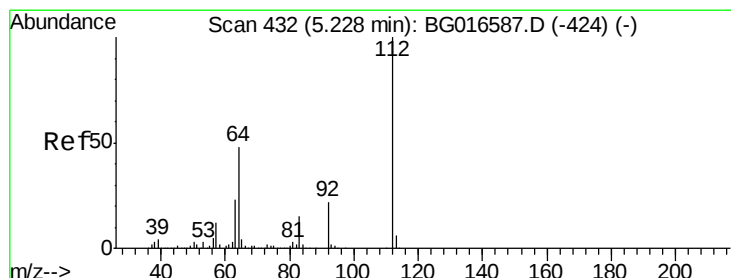
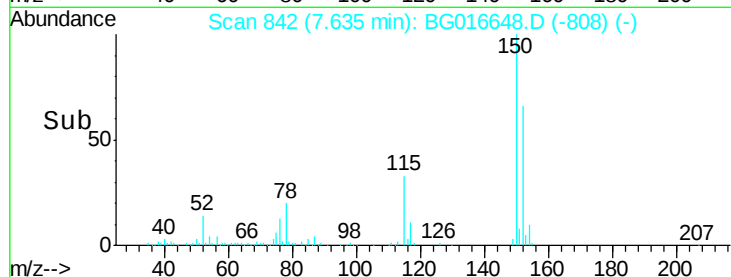
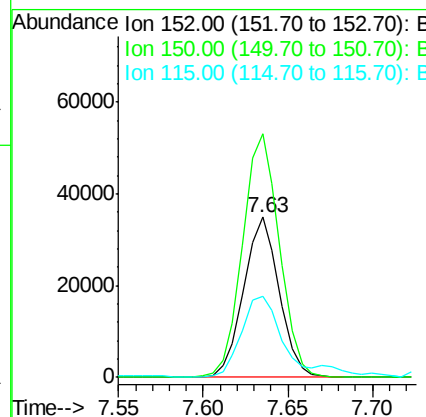
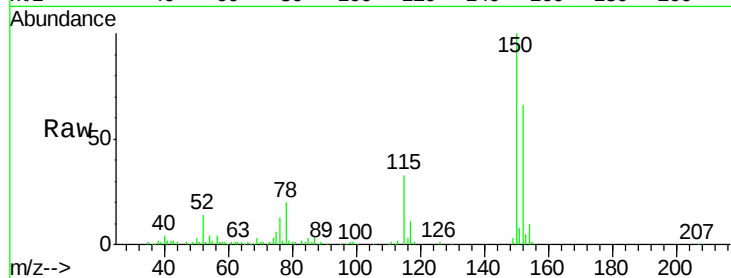
ClientSampleId :

S8-0435DL

Tot Ion:	152	Resp:	51208
Ion Ratio	Lower	Upper	
152	100		
150	151.8	125.5	188.3
115	50.3	44.5	66.7

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#5

2-Fluorophenol

Concen: 26.98 ng

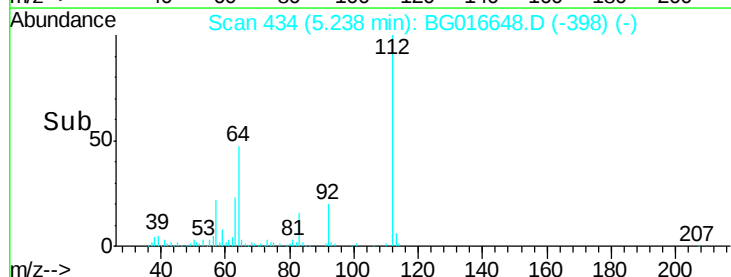
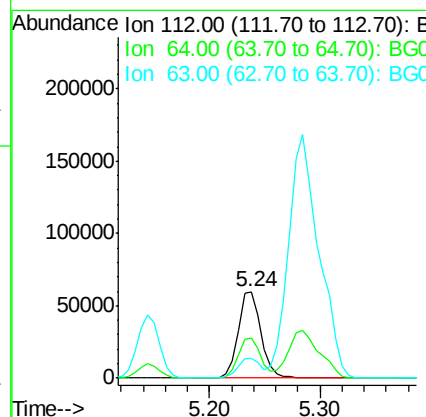
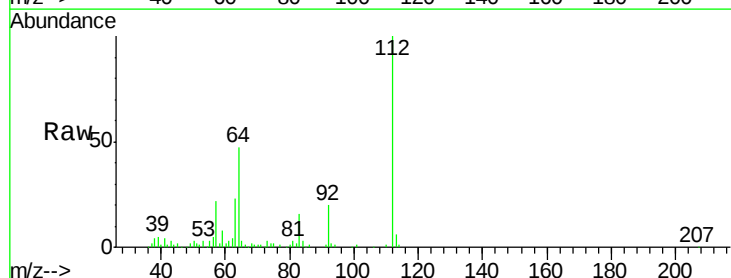
RT: 5.24 min Scan# 434

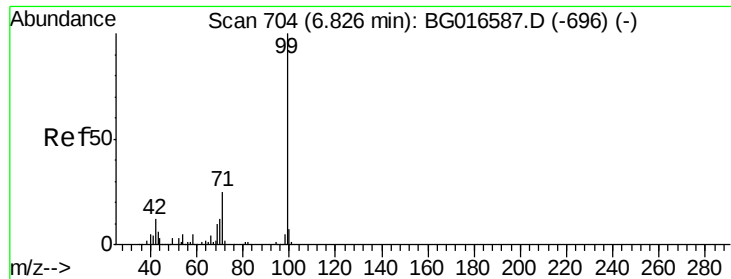
Delta R.T. 0.01 min

Lab File: BG016648.D

Acq: 23 Apr 2015 10:09

Tgt Ion:	112	Resp:	86210
Ion Ratio	Lower	Upper	
112	100		
64	47.2	38.5	57.7
63	23.0	18.2	27.4





#7

Phenol-d6

Concen: 17.88 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016648.D

Acq: 23 Apr 2015 10:09

Instrument :

BNA_G

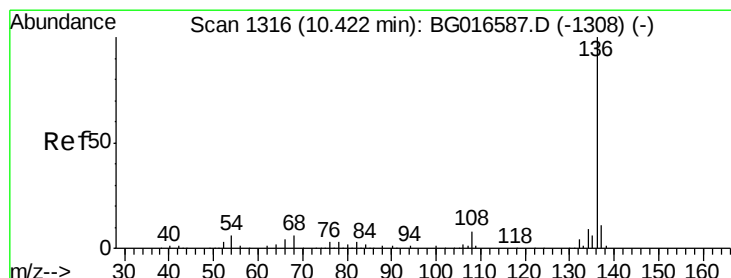
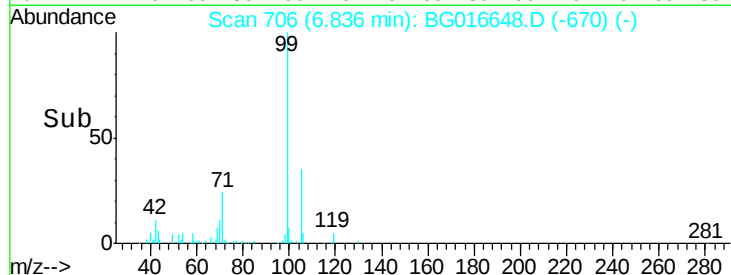
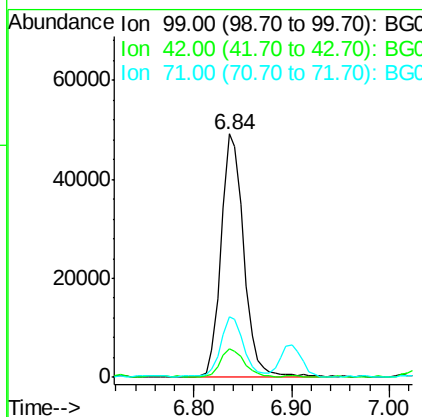
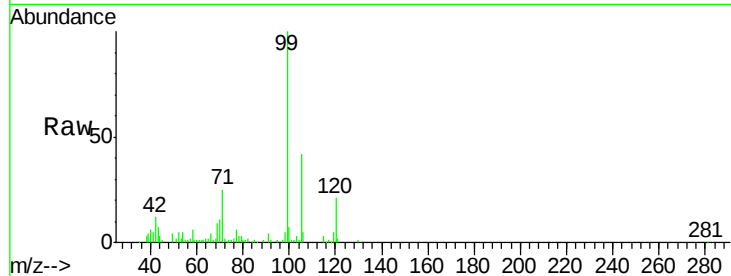
ClientSampleId :

S8-0435DL

Tot Ion:	99	Resp:	79826
Ion	Ratio	Lower	Upper
99	100		
42	11.9	9.5	14.3
71	24.9	20.2	30.2

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#21

Naphthalene-d8

Concen: 20.00 ng

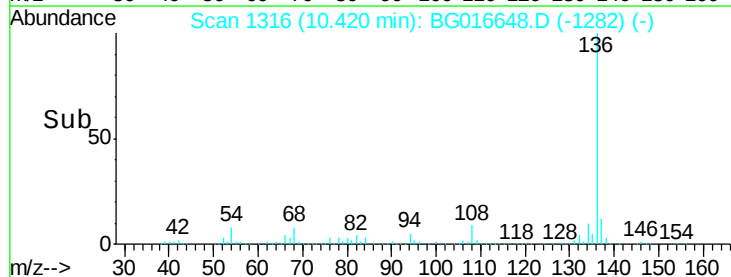
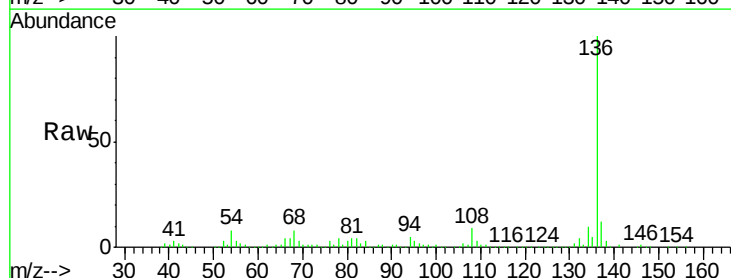
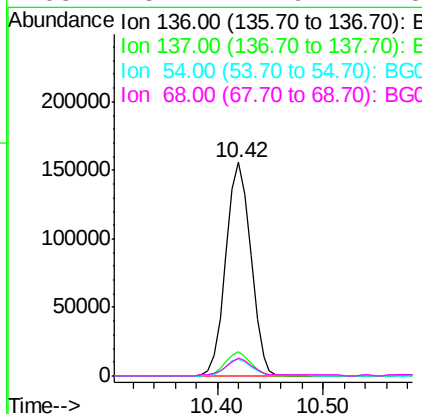
RT: 10.42 min Scan# 1316

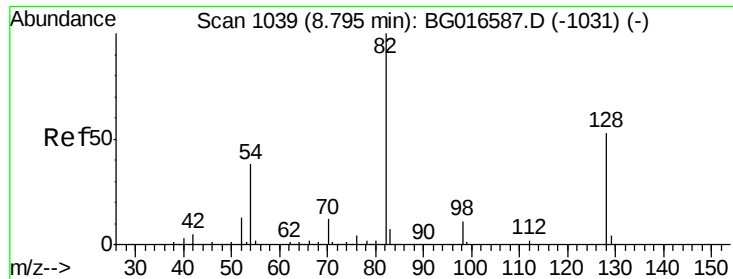
Delta R.T. -0.00 min

Lab File: BG016648.D

Acq: 23 Apr 2015 10:09

Tgt Ion:	136	Resp:	255731
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.0	4.9	7.3#
68	8.4	4.9	7.3#





#23

Nitrobenzene-d5

Concen: 40.59 ng

RT: 8.79 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BG016648.D

Acq: 23 Apr 2015 10:09

Instrument :

BNA_G

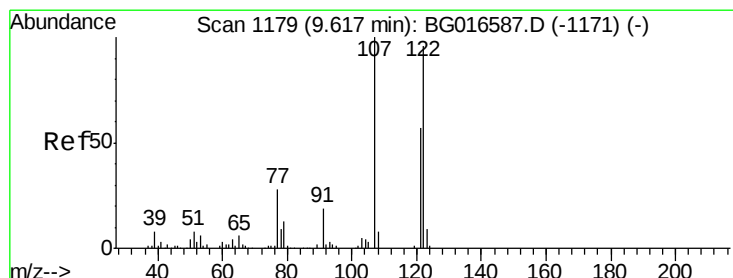
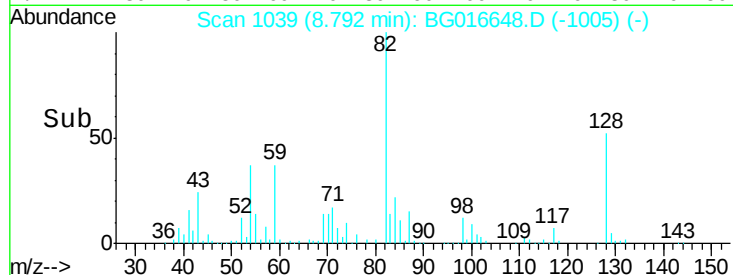
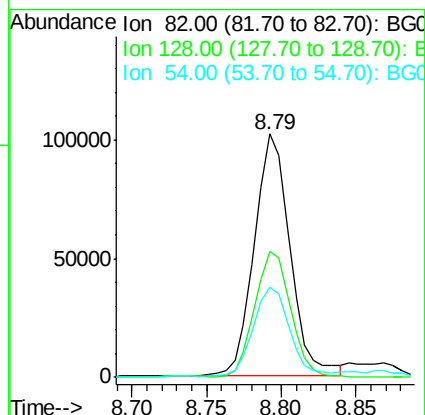
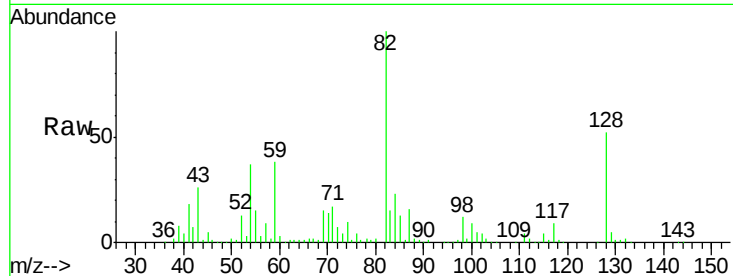
ClientSampleId :

S8-0435DL

Tot Ion	82	Resp	168574
Ion Ratio	Lower	Upper	
82	100		
128	51.7	42.7	64.1
54	36.9	30.6	45.8

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#27

2,4-Dimethylphenol

Concen: 2.27 ng m

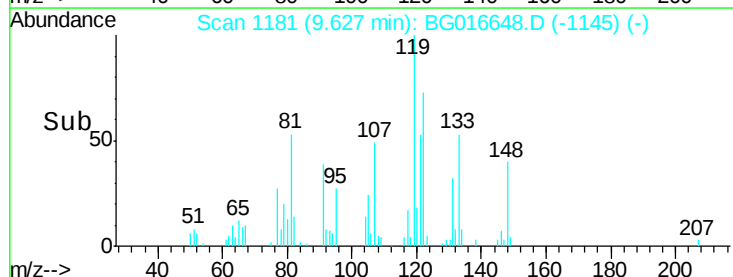
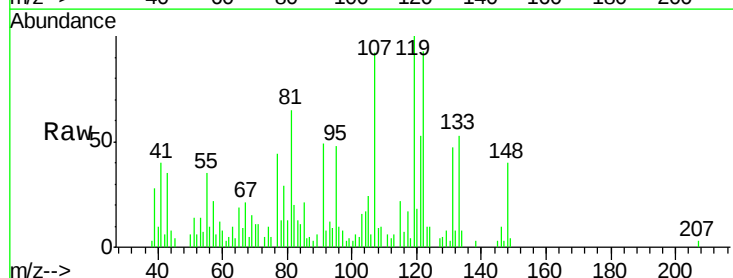
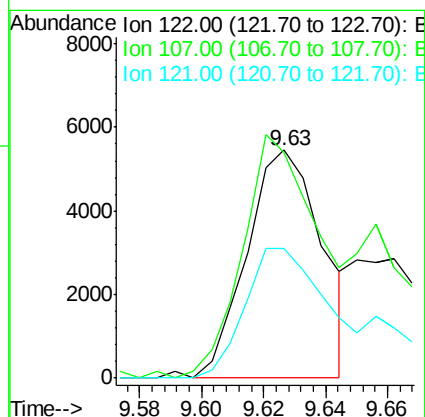
RT: 9.63 min Scan# 1181

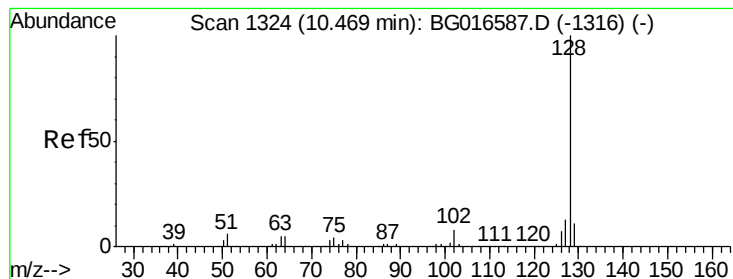
Delta R.T. 0.01 min

Lab File: BG016648.D

Acq: 23 Apr 2015 10:09

Tgt Ion	122	Resp	9196
Ion Ratio	Lower	Upper	
122	100		
107	98.9	82.9	124.3
121	57.1	47.0	70.4





#31

Naphthalene

Concen: 52.45 ng

RT: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG016648.D

Acq: 23 Apr 2015 10:09

Instrument :

BNA_G

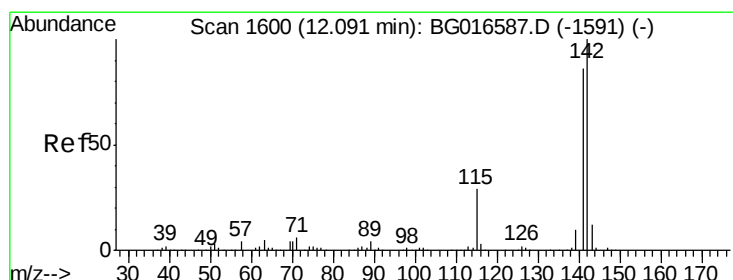
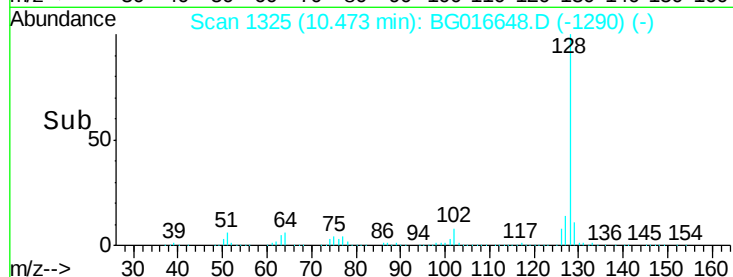
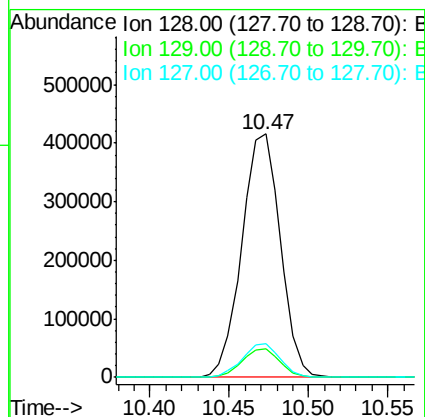
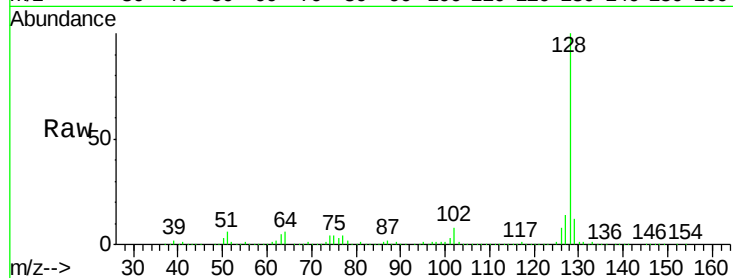
ClientSampled :

S8-0435DL

Tot Ion:	128	Resp:	700162
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.2	13.8
127	14.0	10.6	16.0

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#37

2-Methylnaphthalene

Concen: 23.70 ng

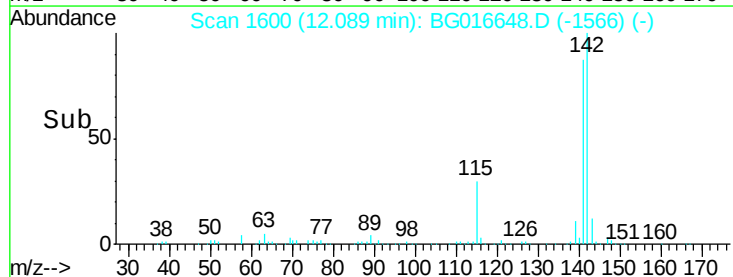
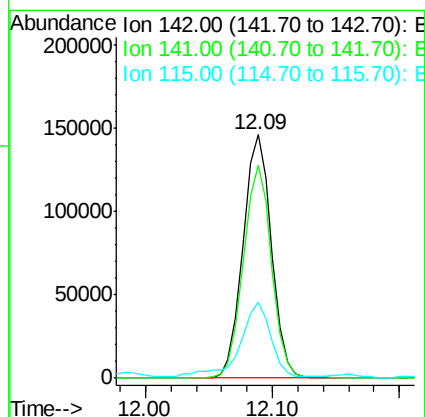
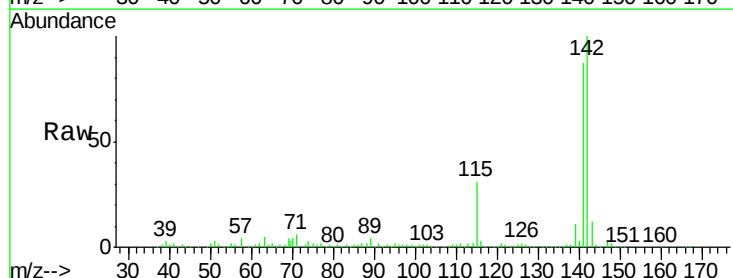
RT: 12.09 min Scan# 1600

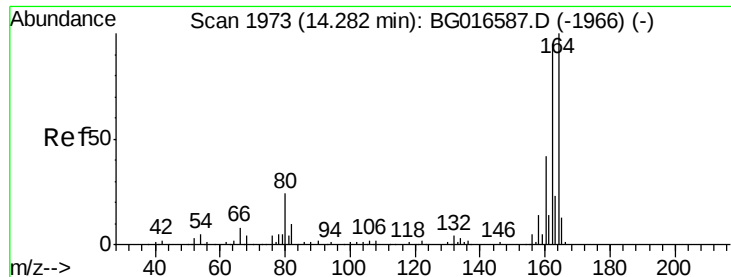
Delta R.T. -0.00 min

Lab File: BG016648.D

Acq: 23 Apr 2015 10:09

Tgt Ion:	142	Resp:	226515
Ion Ratio	Lower	Upper	
142	100		
141	87.4	68.6	102.8
115	31.0	23.3	34.9





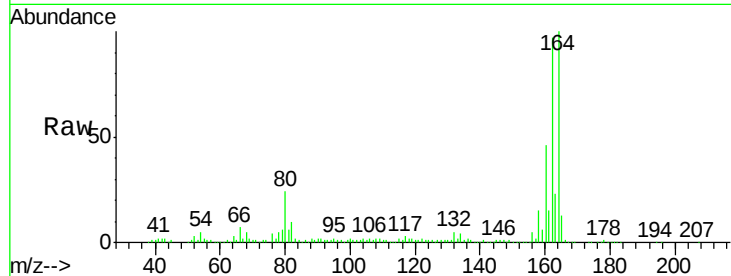
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016648.D
Acq: 23 Apr 2015 10:09

Instrument :
BNA_G
ClientSampleId :
S8-0435DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.0	75.8	113.6
160	45.8	33.8	50.6

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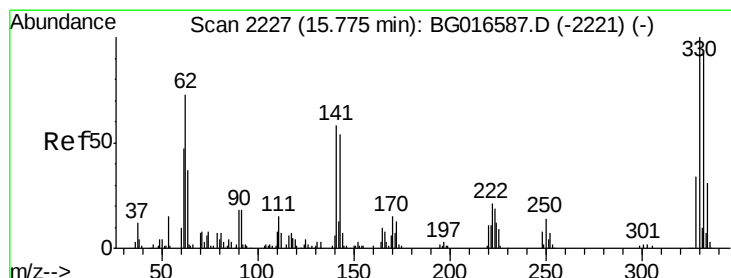
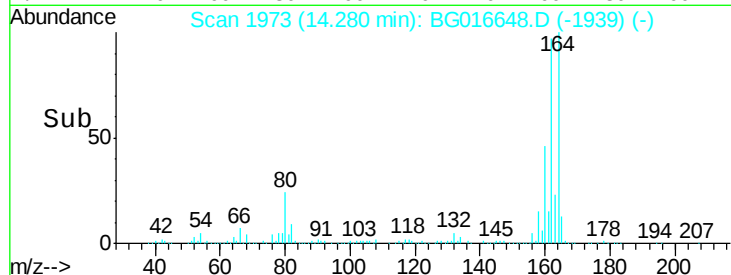
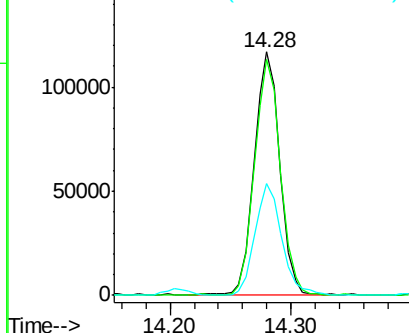


Abundance

Ion 164.00 (163.70 to 164.70): E

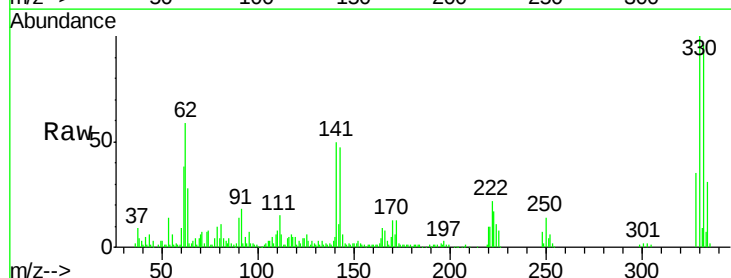
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 66.72 ng
RT: 15.78 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG016648.D
Acq: 23 Apr 2015 10:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	51.5	45.9	68.9

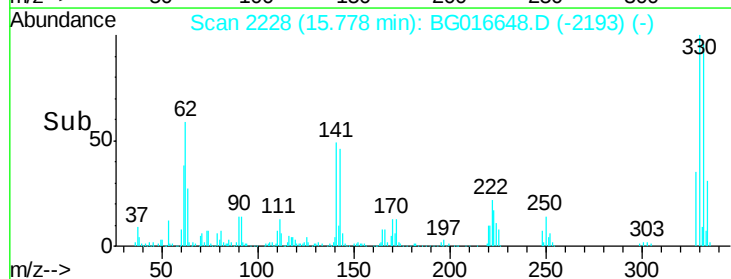
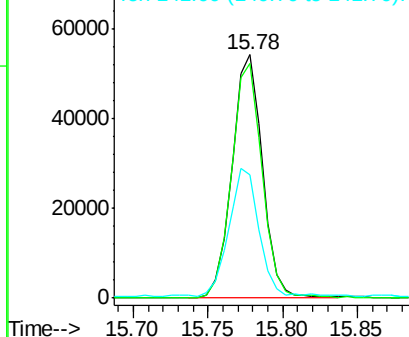


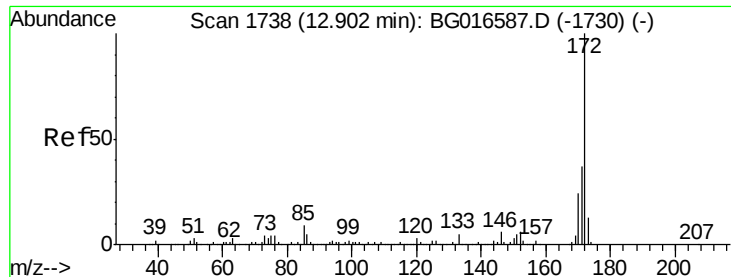
Abundance

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





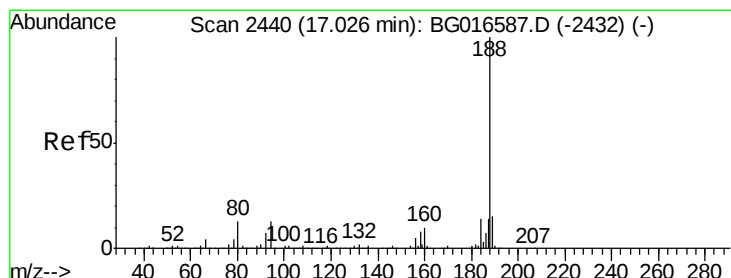
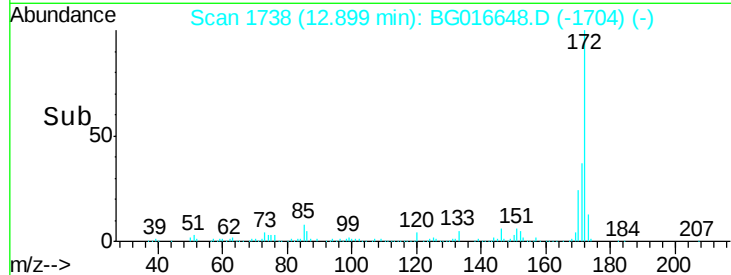
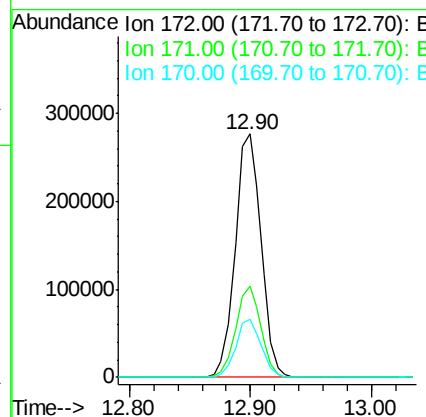
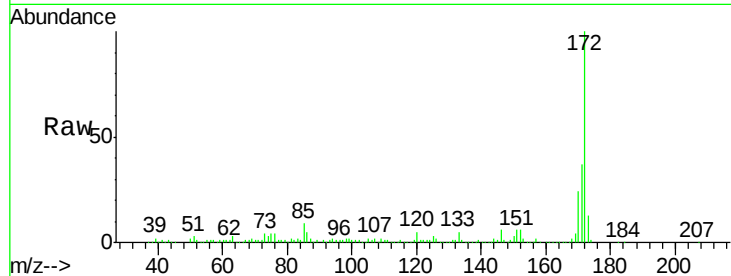
#44
 2-Fluorobiphenyl
 Concen: 40.09 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016648.D
 Acq: 23 Apr 2015 10:09

Instrument :
 BNA_G
 ClientSampleId :
 S8-0435DL

Tot Ion	Ratio	Resp	Lower	Upper
172	100	411545		
171	37.4	29.6	44.4	
170	24.0	19.4	29.0	

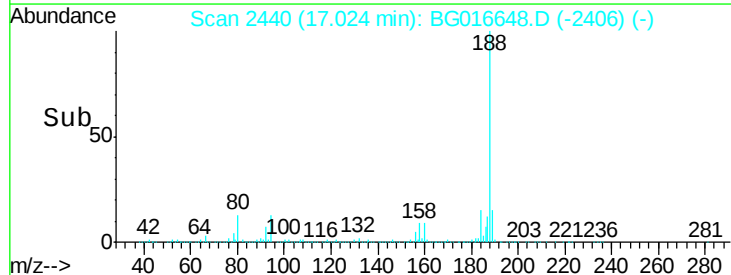
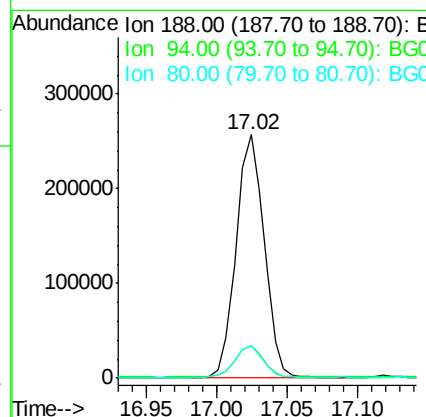
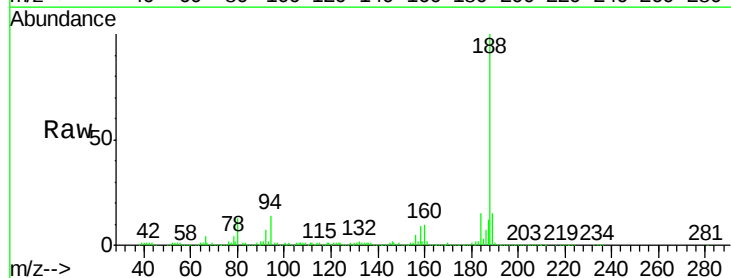
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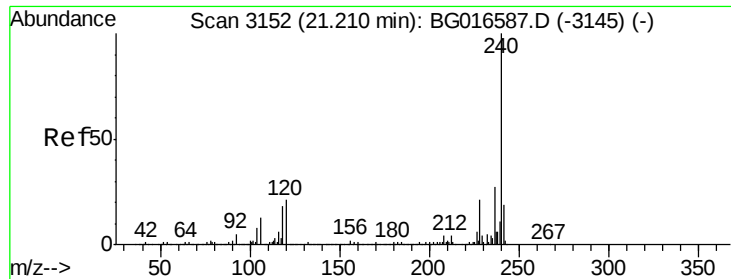
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.02 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG016648.D
 Acq: 23 Apr 2015 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	357156		
94	13.6	10.5	15.7	
80	13.1	10.6	16.0	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG016648.D

Acq: 23 Apr 2015 10:09

Instrument :

BNA_G

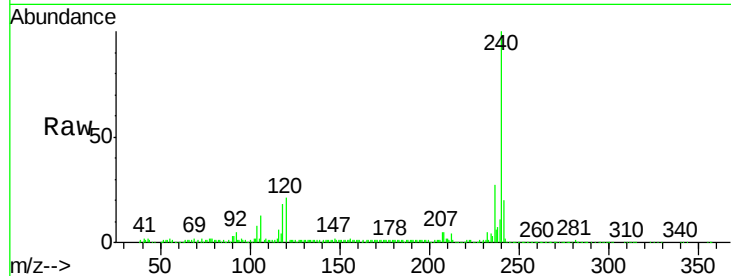
ClientSampleId :

S8-0435DL

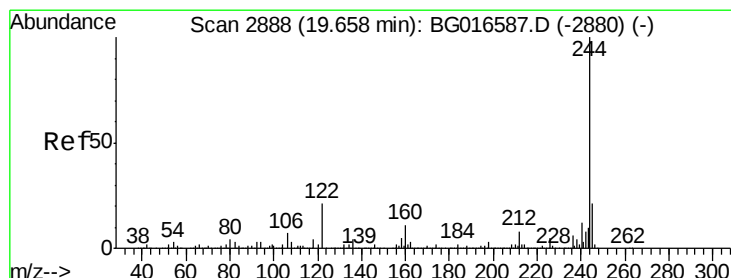
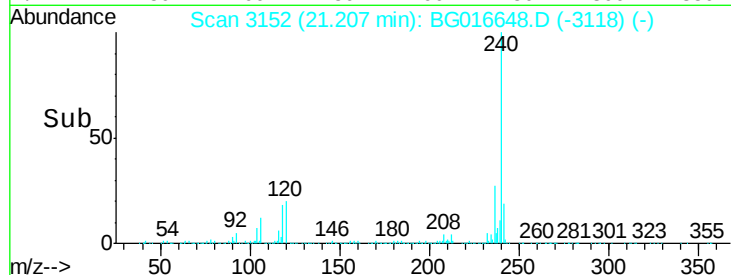
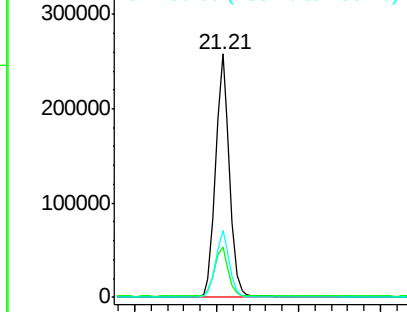
Tot Ion:	240	Resp:	303136
Ion Ratio	Lower	Upper	
240	100		
120	20.8	16.7	25.1
236	27.4	21.7	32.5

Manual Integrations
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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: 33.78 ng

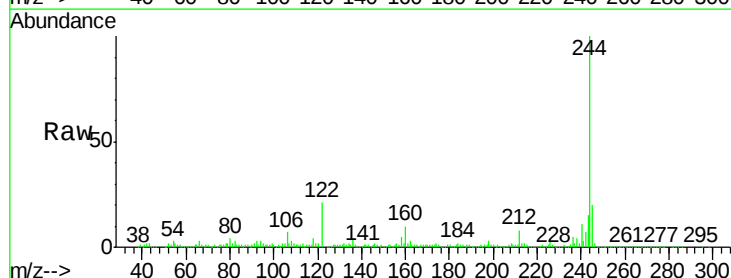
RT: 19.65 min Scan# 2887

Delta R.T. -0.01 min

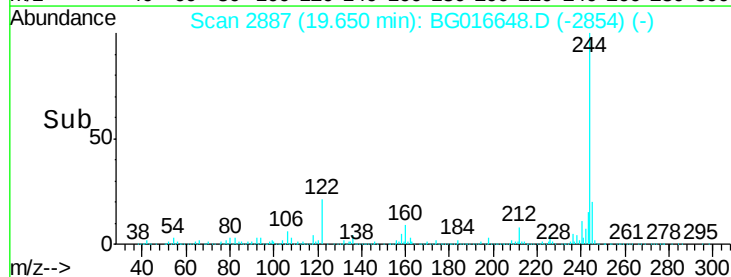
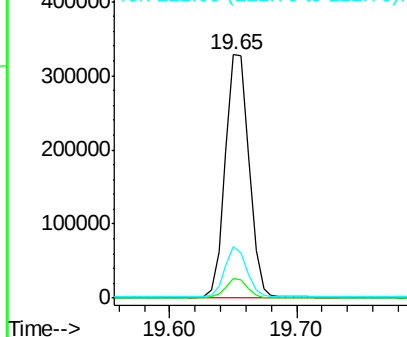
Lab File: BG016648.D

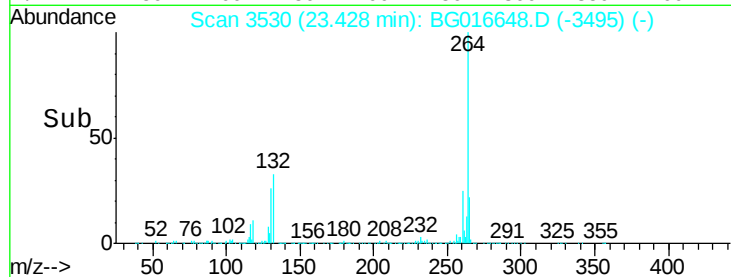
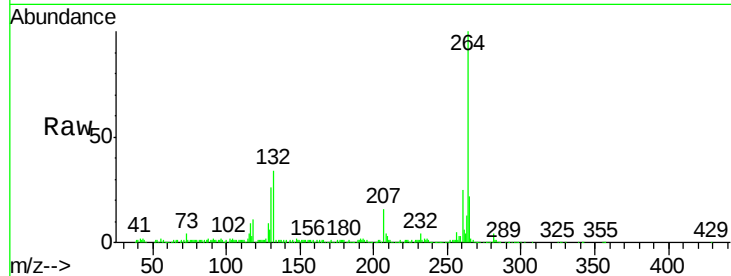
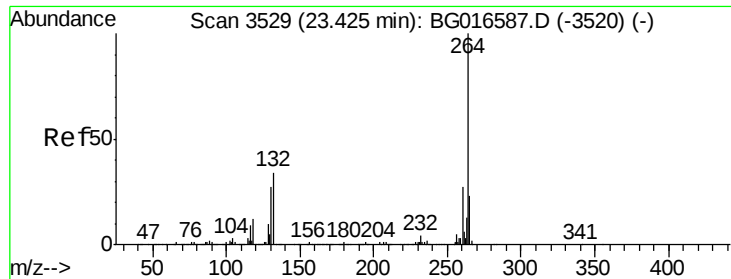
Acq: 23 Apr 2015 10:09

Tgt Ion:	244	Resp:	425077
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.8	10.2
122	21.2	17.0	25.6



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
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.43 min Scan# 3530
 Delta R.T. 0.00 min
 Lab File: BG016648.D
 Acq: 23 Apr 2015 10:09

Instrument :
 BNA_G
 ClientSampleId :
 S8-0435DL

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.3	21.4	32.2
265	22.2	18.7	28.1

Manual Integrations
 APPROVED

apatel
 4/23/2015 4:41:21 PM

