

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032939.D
 Acq On : 2 Mar 2018 6:11
 Operator : SJ/JU
 Sample : J1736-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:29:13 PM

Quant Time: Mar 02 11:20:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	58615	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	262696	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	141808	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	289793	20.00	ng	0.00
75) Chrysene-d12	22.62	240	279579	20.00	ng	0.00
86) Perylene-d12	26.43	264	274780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	517926	141.36	ng	0.00
7) Phenol-d6	8.01	99	629638	123.29	ng	0.00
23) Nitrobenzene-d5	10.12	82	449276	114.75	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	192363	129.01	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1019115	103.65	ng	0.00
78) Terphenyl-d14	20.78	244	1300679	104.52	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	56143	4.090	ng	99
32) Benzoic acid	10.96	122	2319m	6.942	ng	
37) 2-Methylnaphthalene	13.41	142	33777	3.401	ng	92

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

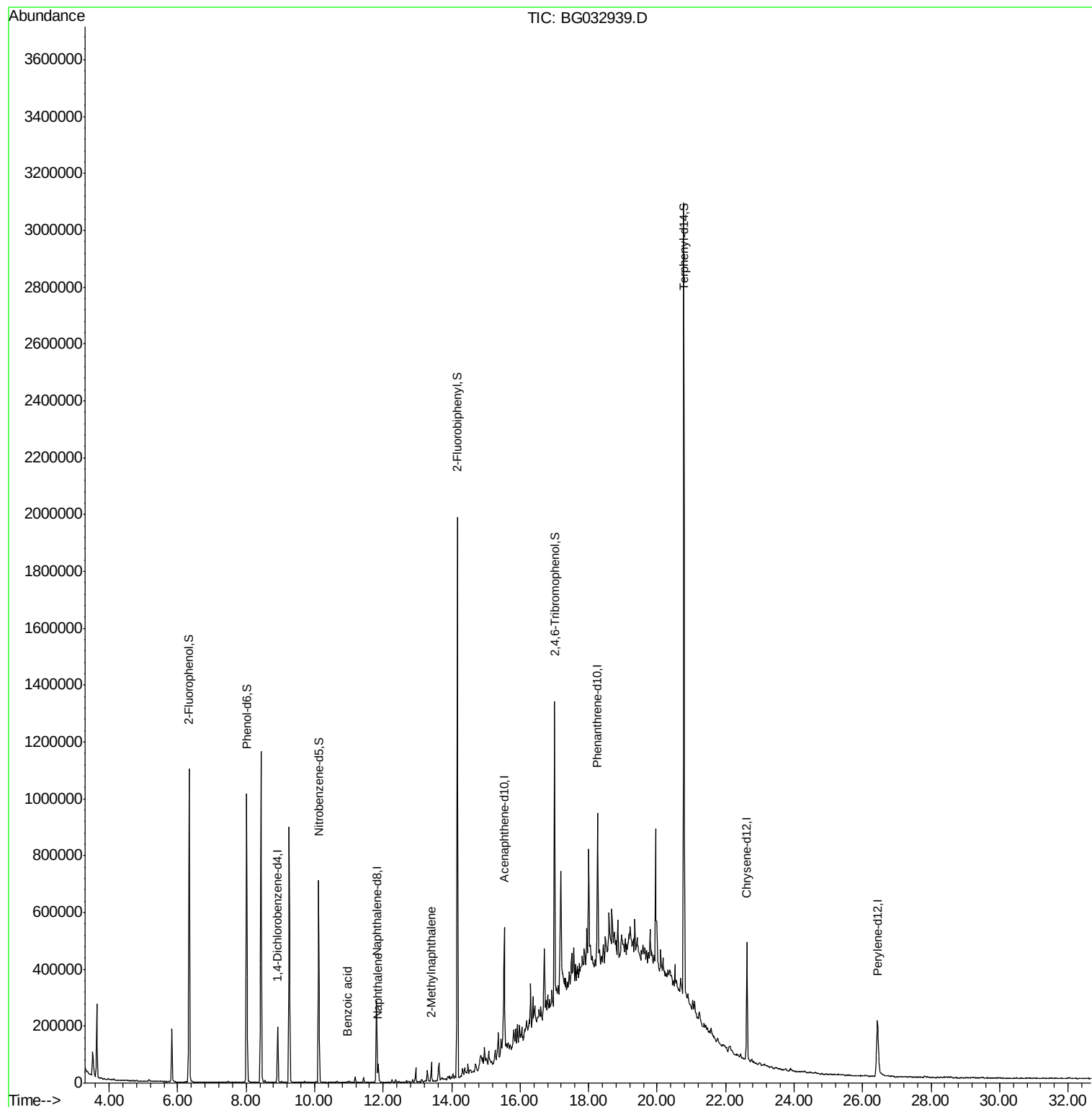
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032939.D
Acq On : 2 Mar 2018 6:11
Operator : SJ/JU
Sample : J1736-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

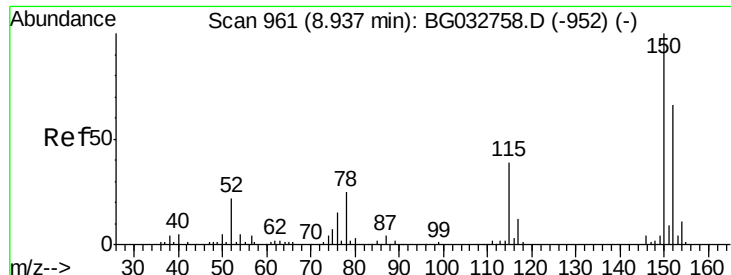
Instrument :
BNA_G
ClientSampleId :
OILY-STONE

Manual Integrations
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Quant Time: Mar 02 11:20:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration





#1

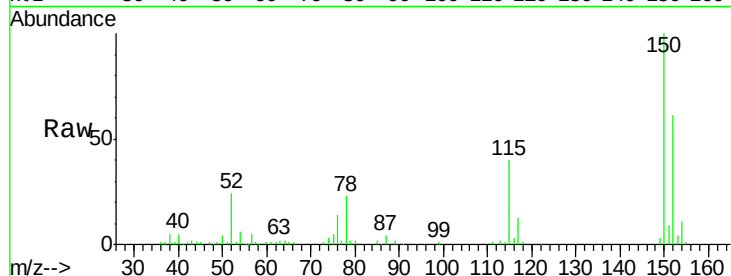
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032939.D
Acq: 2 Mar 2018 6:11

Instrument :
BNA_G
ClientSampleId :
OILY-STONE

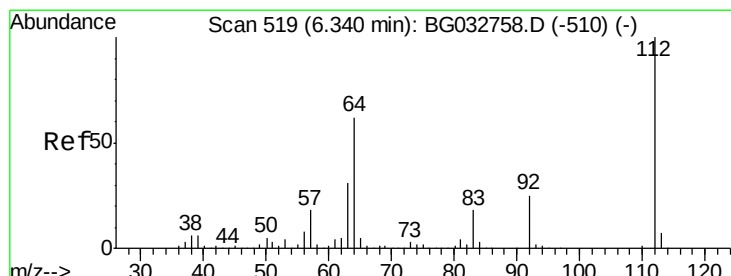
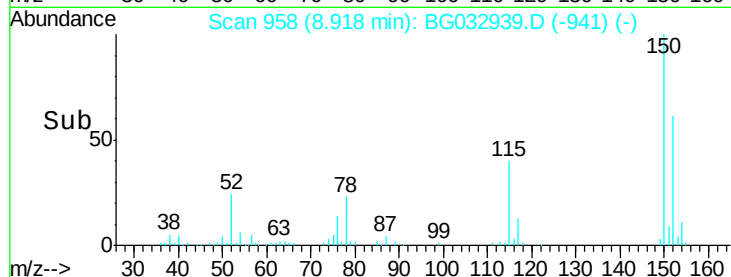
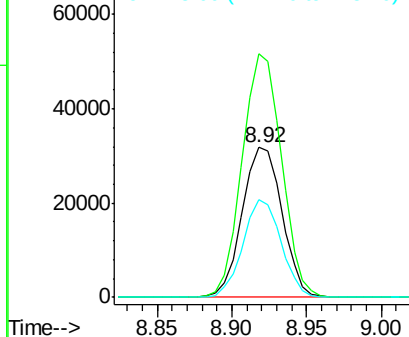
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.6	189.8
115	64.9	53.0	79.4

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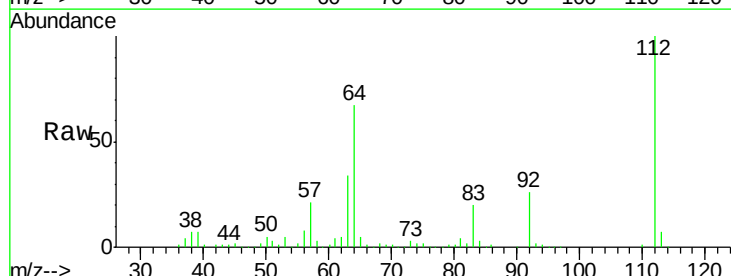
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



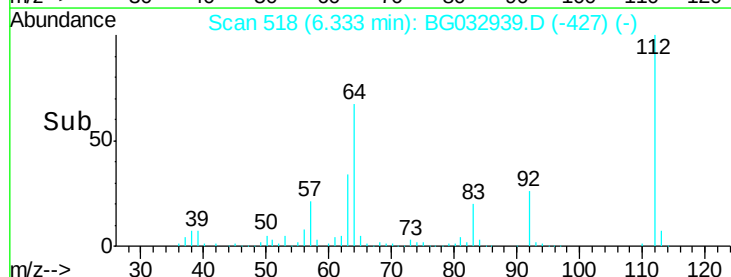
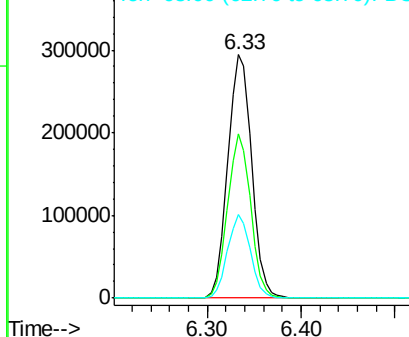
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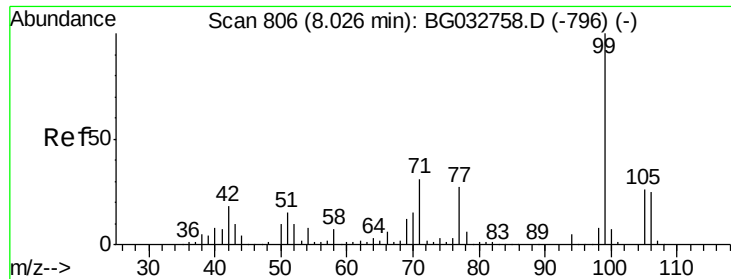
2-Fluorophenol
Concen: 141.364 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032939.D
Acq: 2 Mar 2018 6:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	56.3	84.5
63	34.5	30.1	45.1



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: 123.294 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032939.D

Acq: 2 Mar 2018 6:11

Instrument :

BNA_G

ClientSampleId :

OILY-STONE

Tot Ion: 99 Resp: 629638

Ion Ratio Lower Upper

99 100

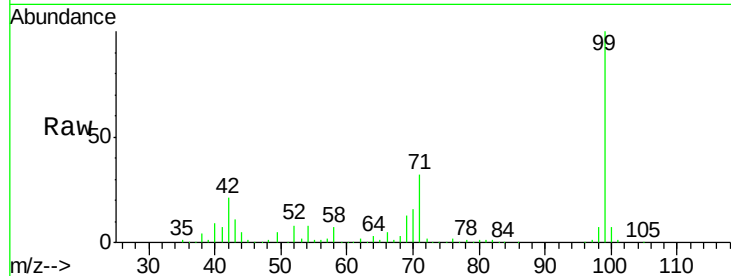
42 20.8 14.1 21.1

71 32.3 26.1 39.1

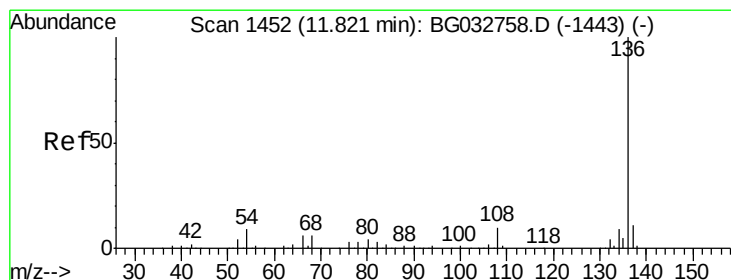
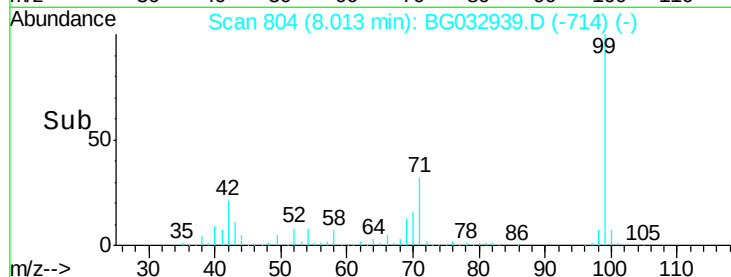
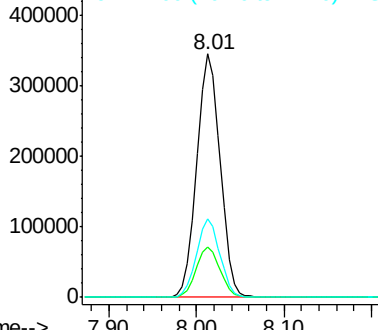
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.81 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BG032939.D

Acq: 2 Mar 2018 6:11

Tgt Ion: 136 Resp: 262696

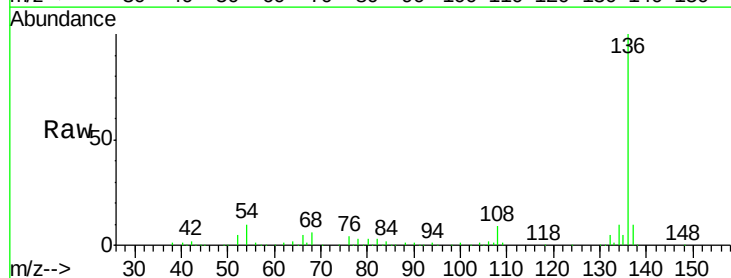
Ion Ratio Lower Upper

136 100

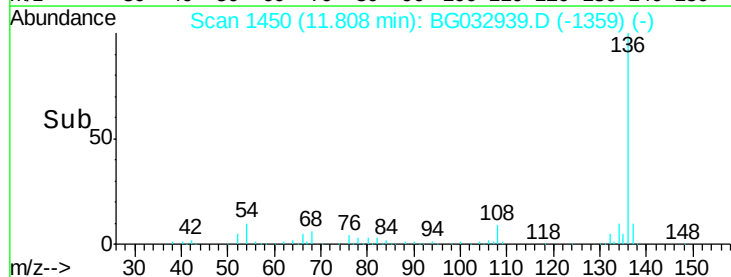
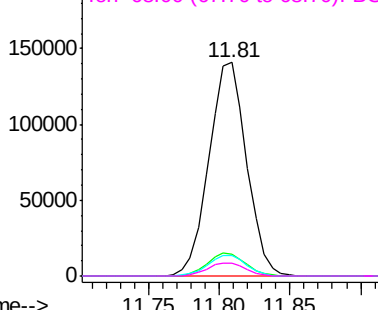
137 10.4 9.2 13.8

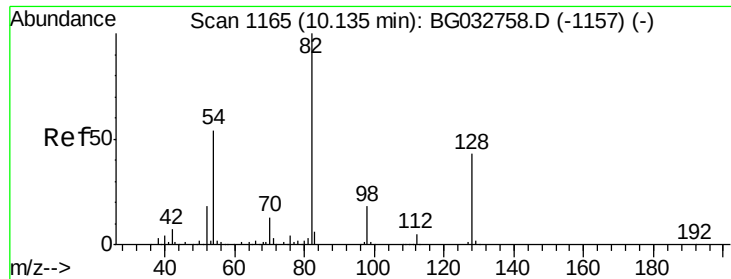
54 9.8 10.3 15.5#

68 6.1 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





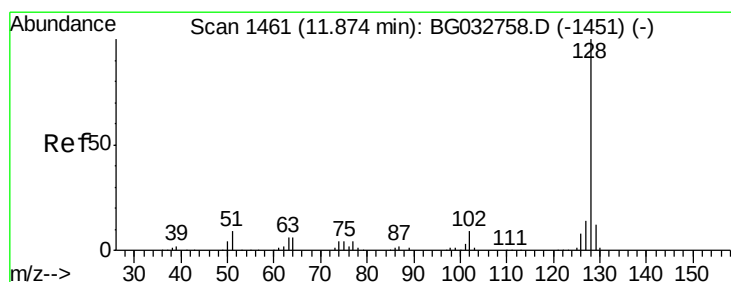
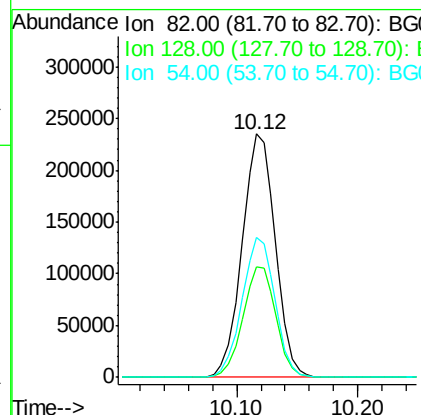
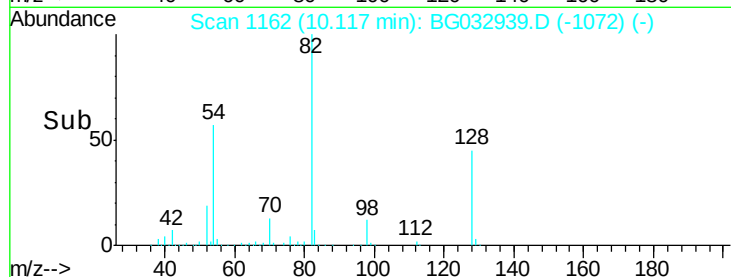
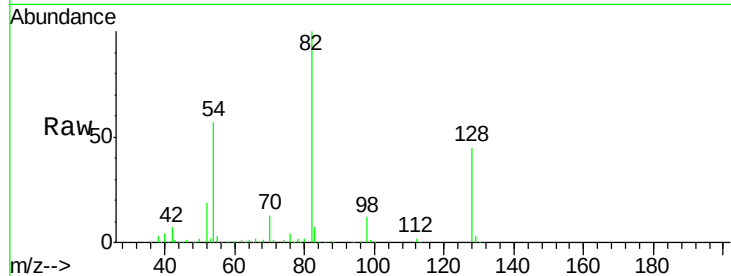
#23
 Nitrobenzene-d5
 Concen: 114.755 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG032939.D
 Acq: 2 Mar 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	57.2	43.1	64.7

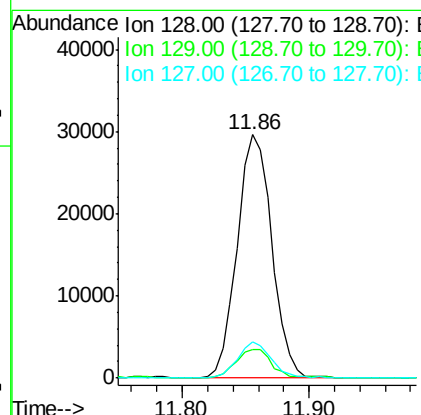
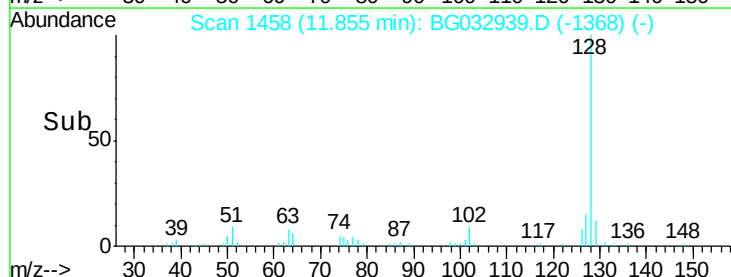
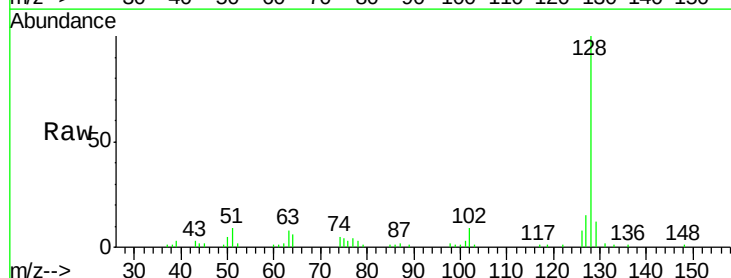
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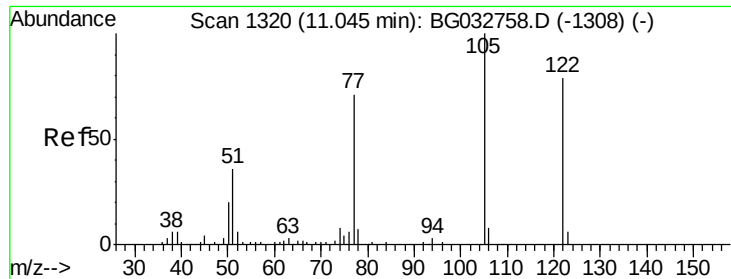
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#31
 Naphthalene
 Concen: 4.090 ng
 RT: 11.86 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BG032939.D
 Acq: 2 Mar 2018 6:11

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	14.6	11.6	17.4





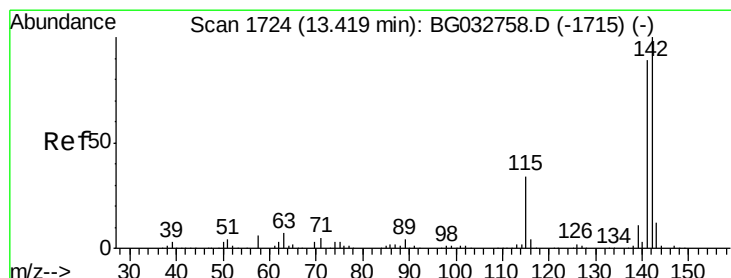
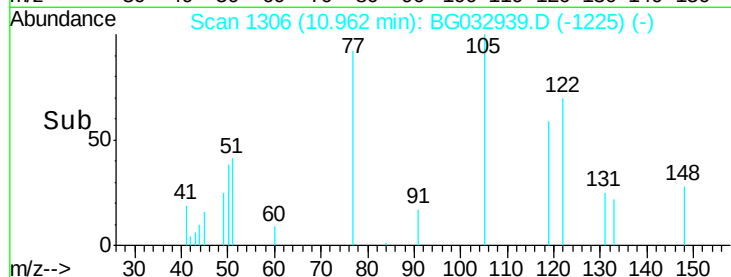
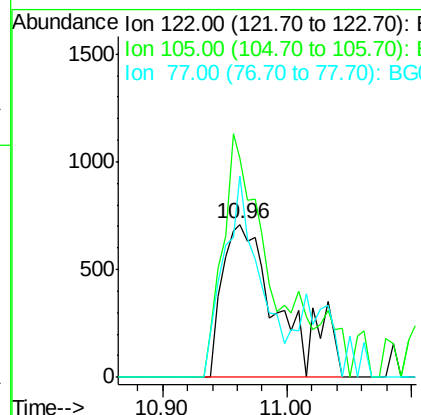
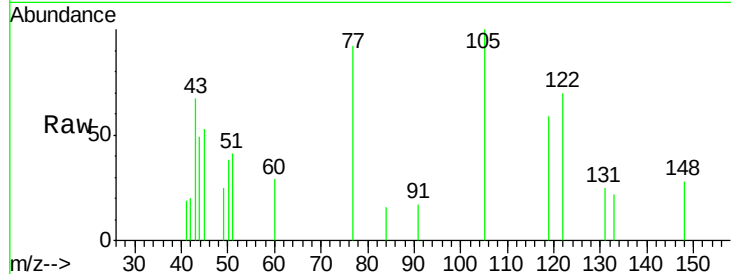
#32
Benzoic acid
Concen: 6.942 ng/ml
RT: 10.96 min Scan# 1306
Delta R.T. -0.06 min
Lab File: BG032939.D
Acq: 2 Mar 2018 6:11

Instrument :
BNA_G
ClientSampleId :
OILY-STONE

Tot Ion	Ratio	Lower	Upper
122	100		
105	143.5	123.5	163.5
77	131.8	85.7	125.7

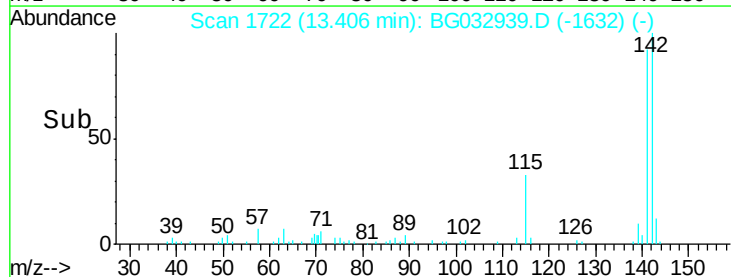
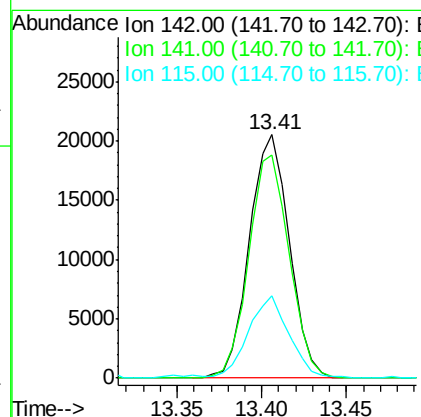
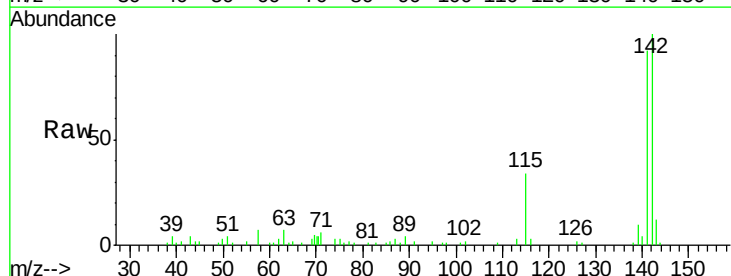
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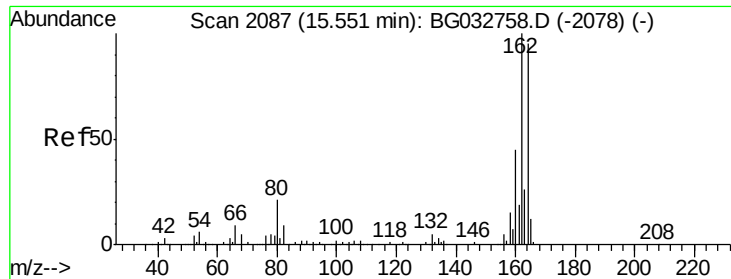
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#37
2-Methylnaphthalene
Concen: 3.401 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG032939.D
Acq: 2 Mar 2018 6:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.1	100.7
115	33.8	30.7	46.1





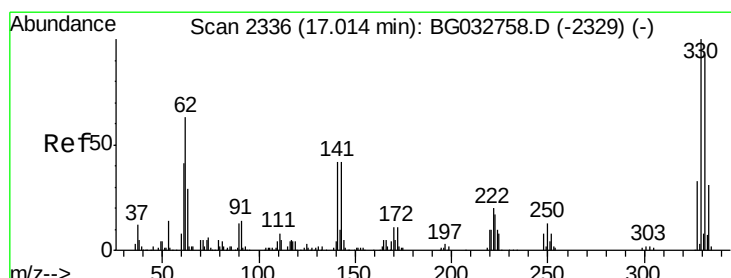
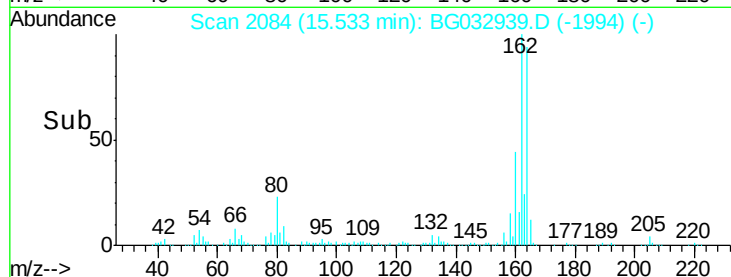
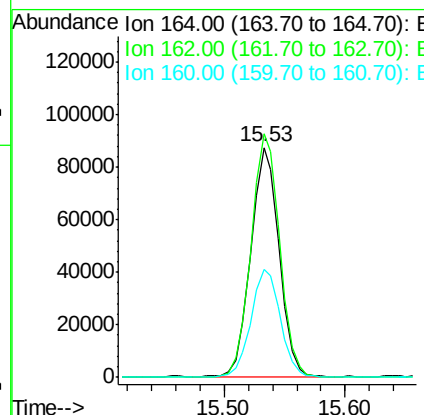
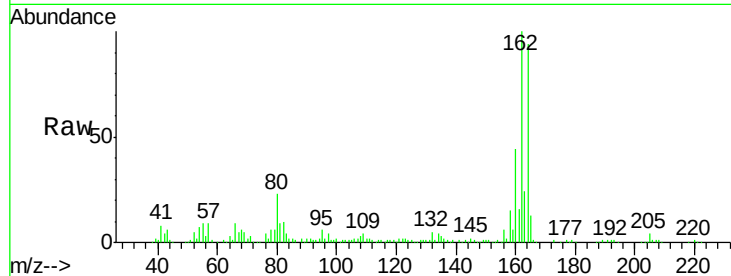
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032939.D
Acq: 2 Mar 2018 6:11

Instrument :
BNA_G
ClientSampleId :
OILY-STONE

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	47.0	35.4	53.0

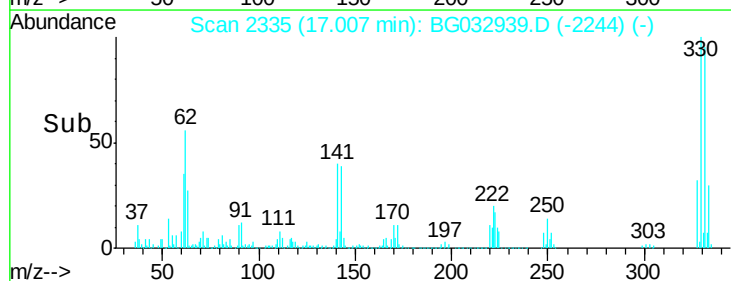
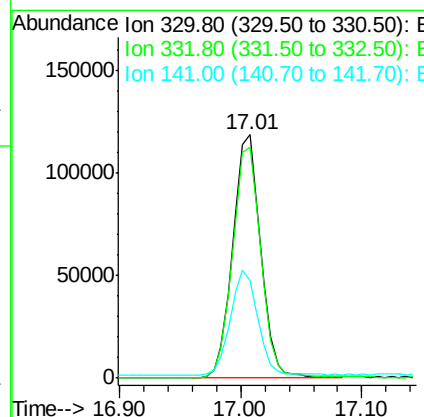
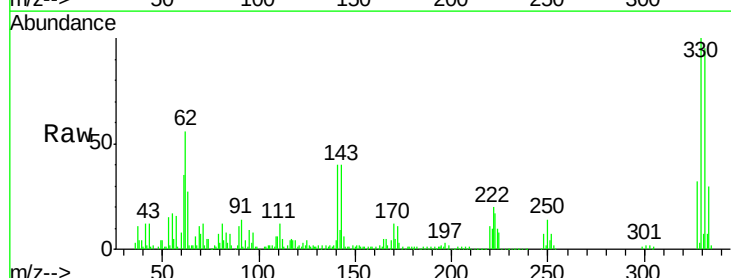
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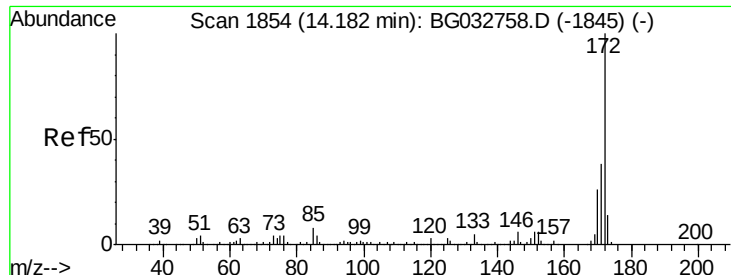
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#41
2,4,6-Tribromophenol
Concen: 129.011 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG032939.D
Acq: 2 Mar 2018 6:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	42.6	25.2	37.8





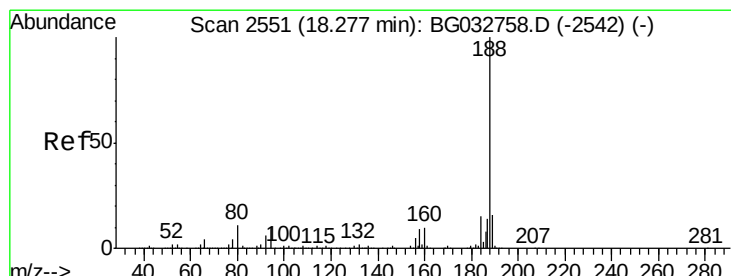
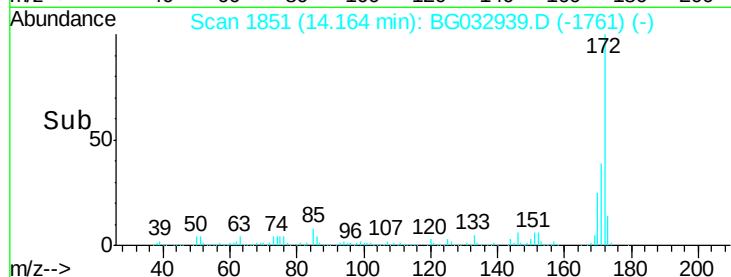
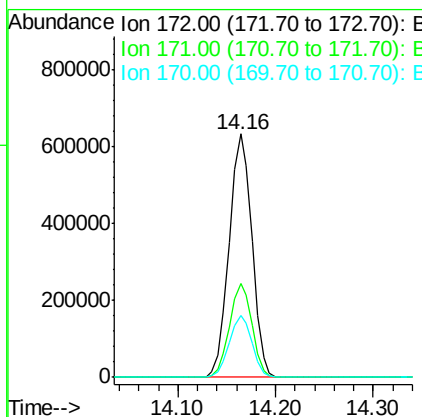
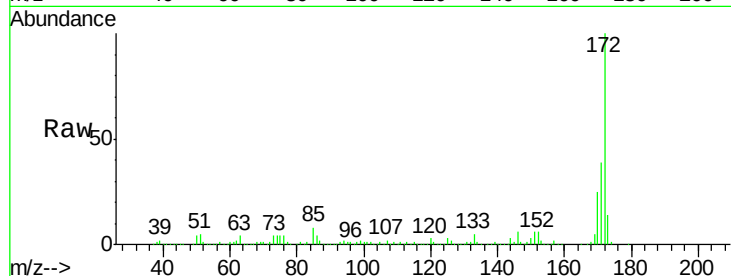
#44
 2-Fluorobiphenyl
 Concen: 103.649 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032939.D
 Acq: 2 Mar 2018 6:11

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.3	19.5	29.3

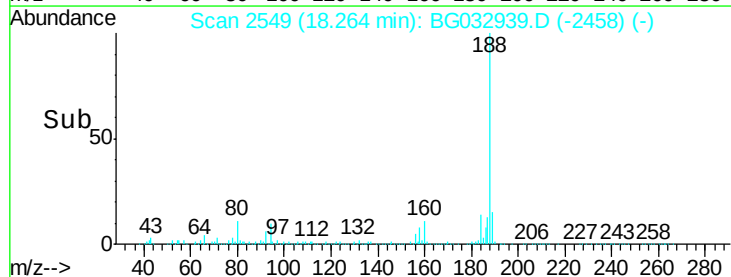
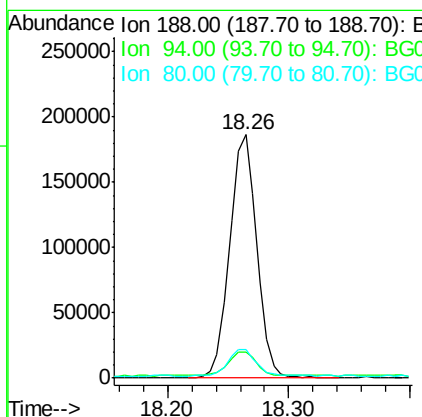
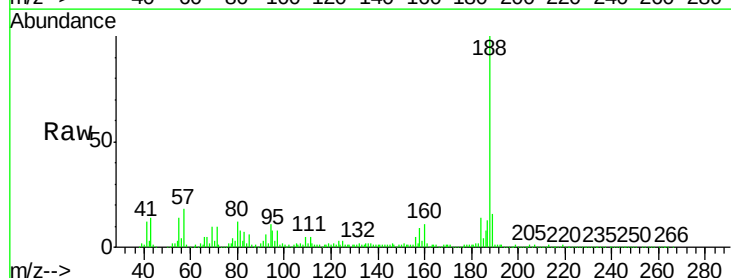
Manual Integrations
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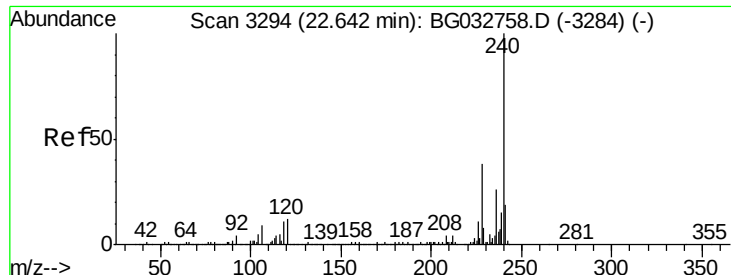
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BG032939.D
 Acq: 2 Mar 2018 6:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	6.9	10.3#
80	11.7	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BG032939.D

Acq: 2 Mar 2018 6:11

Instrument :

BNA_G

ClientSampleId :

OILY-STONE

Tot Ion:240 Resp: 279579

Ion Ratio Lower Upper

240 100

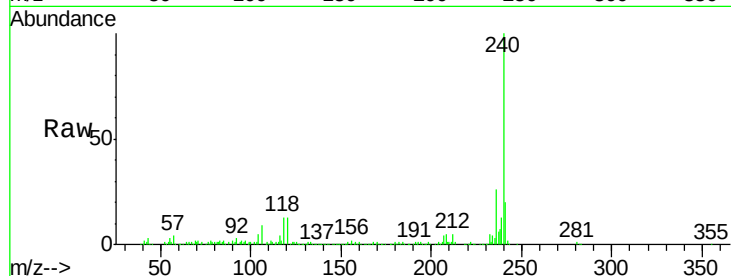
120 12.5 6.8 10.2#

236 26.1 20.9 31.3

Manual Integrations
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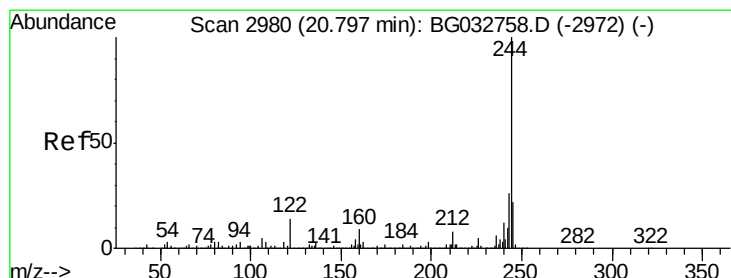
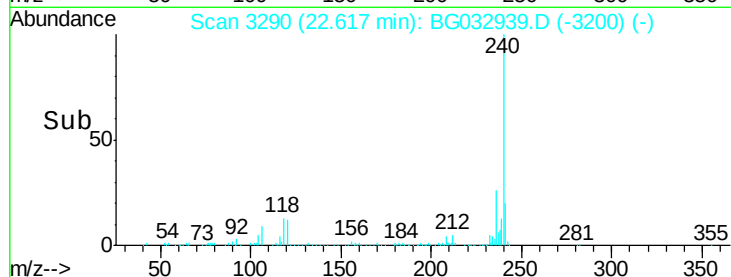
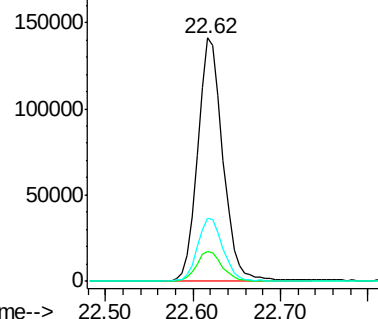
3/2/2018 3:29:13 PM



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: 104.524 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032939.D

Acq: 2 Mar 2018 6:11

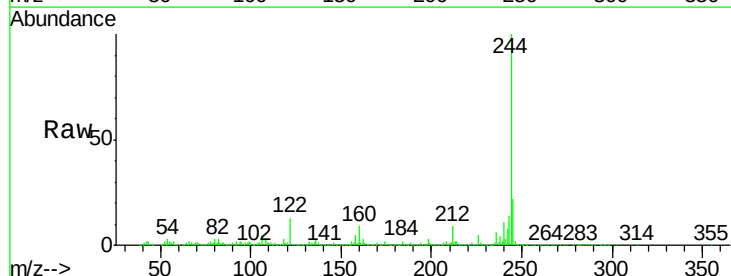
Tgt Ion:244 Resp: 1300679

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

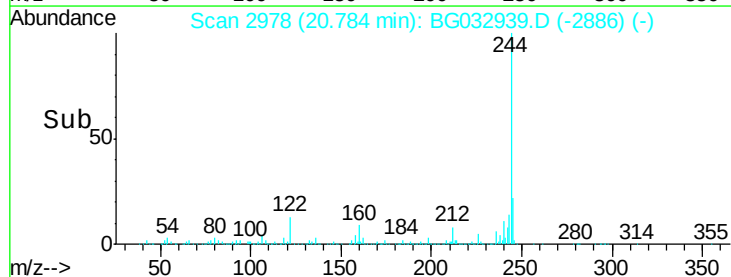
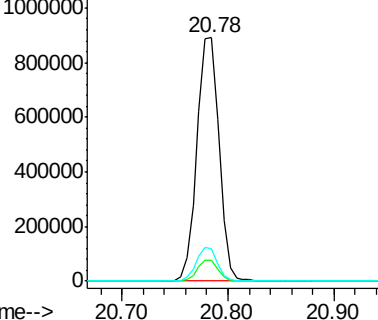
122 13.1 7.0 10.4#

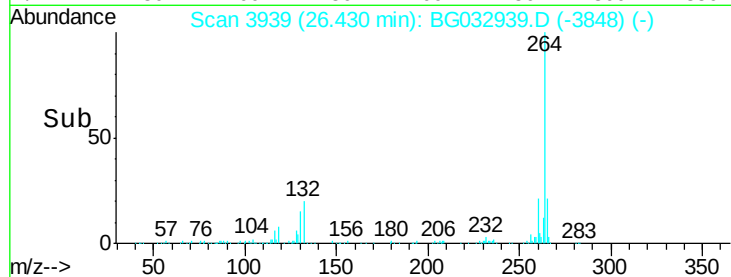
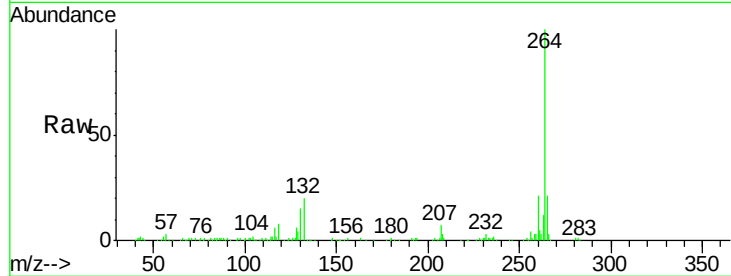
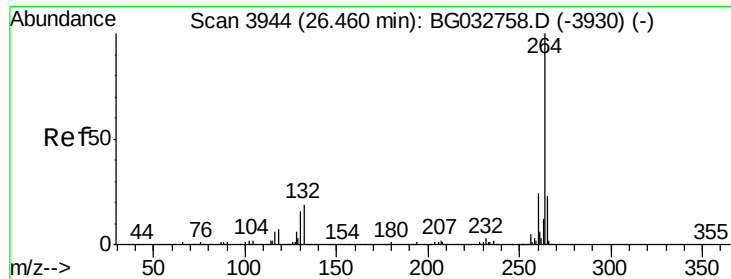


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.43 min Scan# 3939
 Delta R.T. 0.00 min
 Lab File: BG032939.D
 Acq: 2 Mar 2018 6:11

Tot Ion:	264	Resp:	274780
Ion Ratio	Lower	Upper	
264	100		
260	21.1	17.4	26.0
265	21.1	17.7	26.5

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:29:13 PM

