

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\  
 Data File : BG033199.D  
 Acq On : 16 Mar 2018 14:52  
 Operator : SJ/JU  
 Sample : J1913-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OILY-SOIL-M8

Quant Time: Mar 17 05:28:26 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 14 13:59:34 2018  
 Response via : Initial Calibration

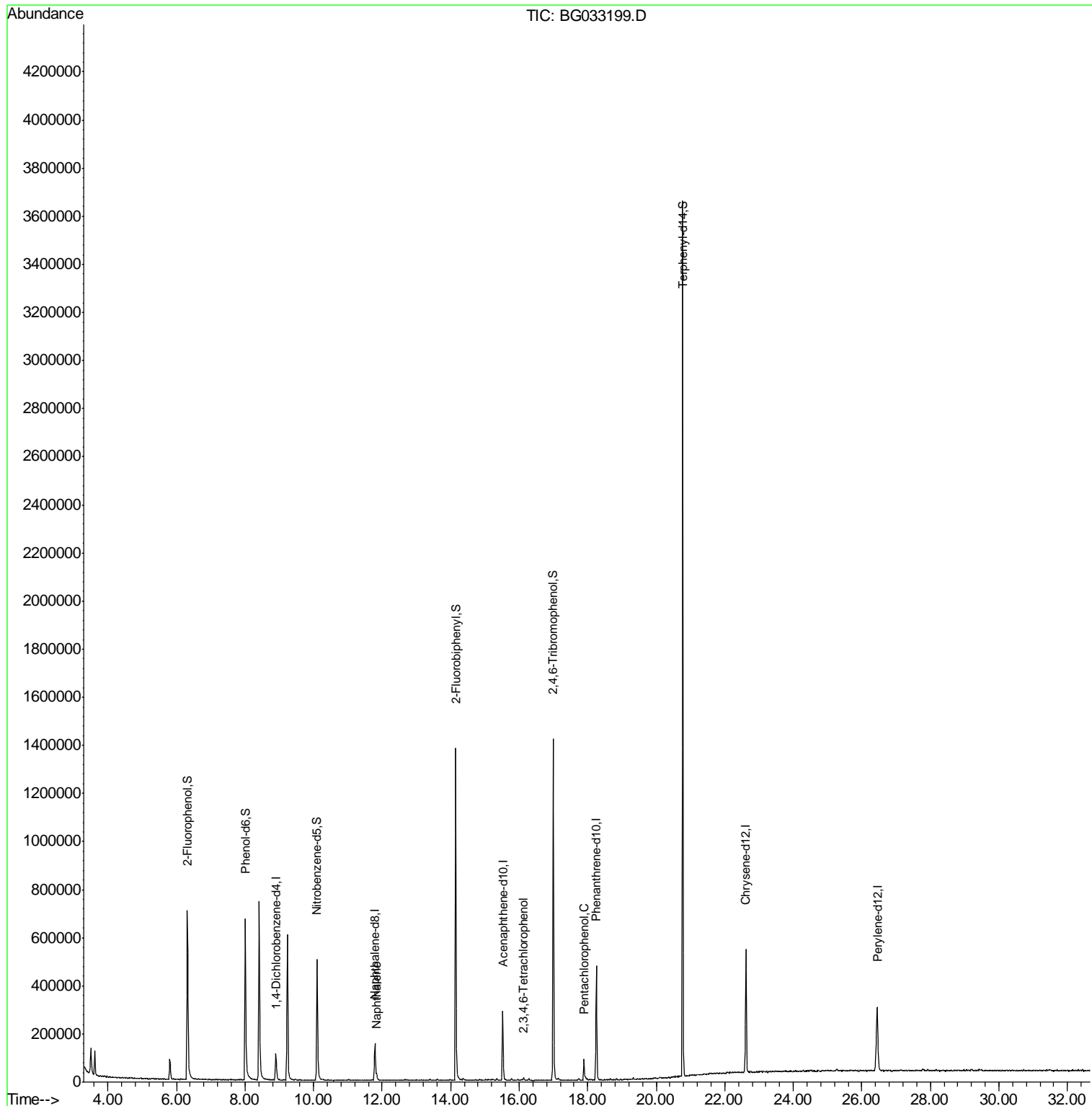
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	38270	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	151887	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	109548	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	317642	20.00	ng	0.00
75) Chrysene-d12	22.62	240	343780	20.00	ng	0.00
86) Perylene-d12	26.44	264	365180	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	351668	147.01	ng	0.00
7) Phenol-d6	8.01	99	478457	143.50	ng	0.00
23) Nitrobenzene-d5	10.10	82	372909	160.42	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	285401	247.77	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	809635	106.59	ng	0.00
78) Terphenyl-d14	20.77	244	1694828	110.76	ng	0.00
Target Compounds						
31) Naphthalene	11.84	128	25701	3.238	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.13	232	3833	2.080	ng	# 99
69) Pentachlorophenol	17.89	266	20720	9.063	ng	98

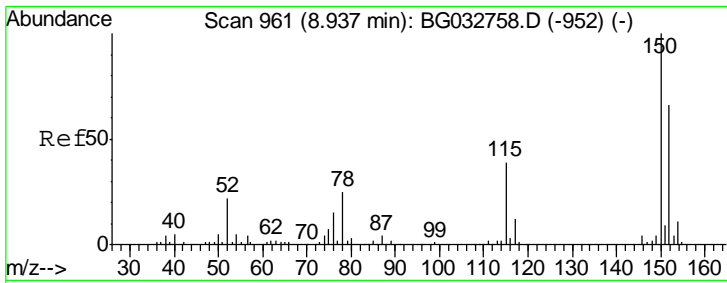
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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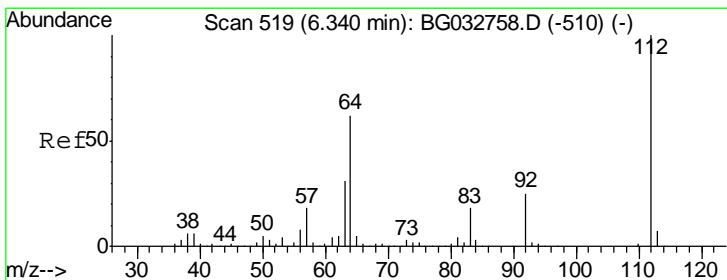
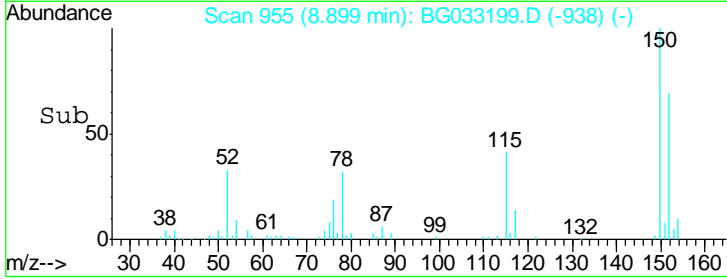
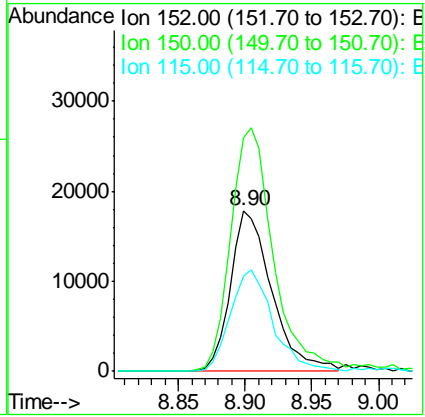
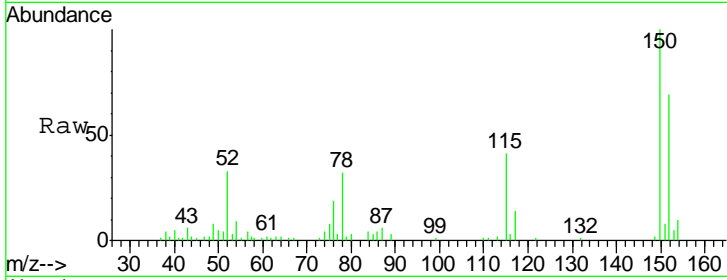


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.90 min Scan# 955  
 Delta R.T. 0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

**Instrument :**  
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Tot Ion:152 Resp: 38270

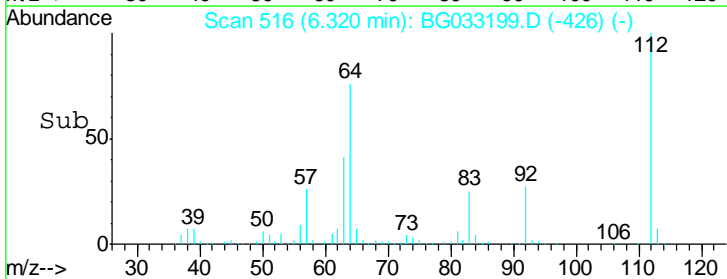
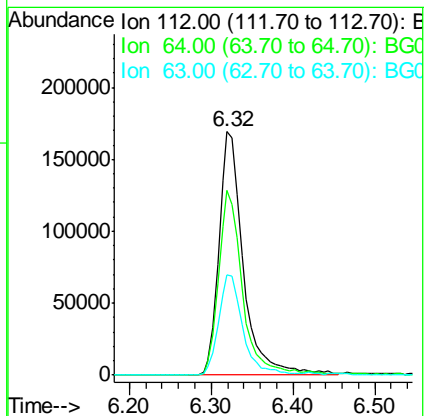
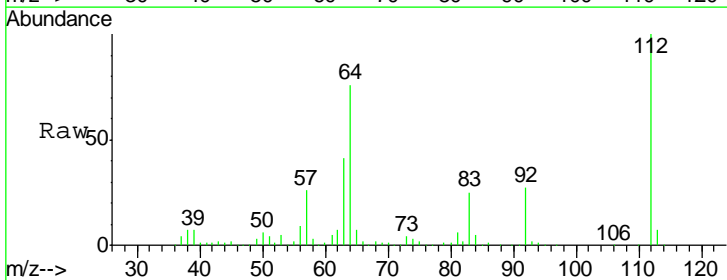
Ion	Ratio	Lower	Upper
152	100		
150	145.3	126.6	189.8
115	59.3	53.0	79.4

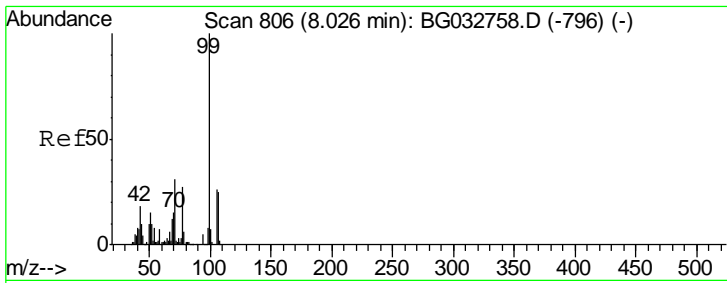


#5  
 2-Fluorophenol  
 Concen: 147.013 ng  
 RT: 6.32 min Scan# 516  
 Delta R.T. 0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

Tgt Ion:112 Resp: 351668

Ion	Ratio	Lower	Upper
112	100		
64	75.8	56.3	84.5
63	41.3	30.1	45.1

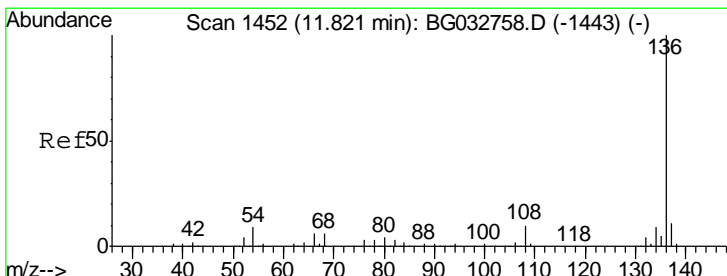
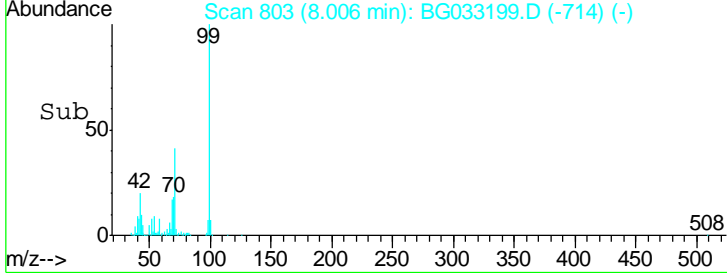
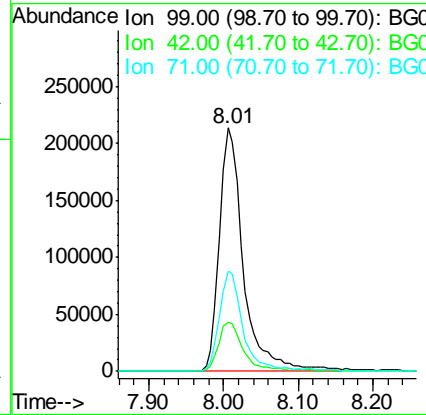
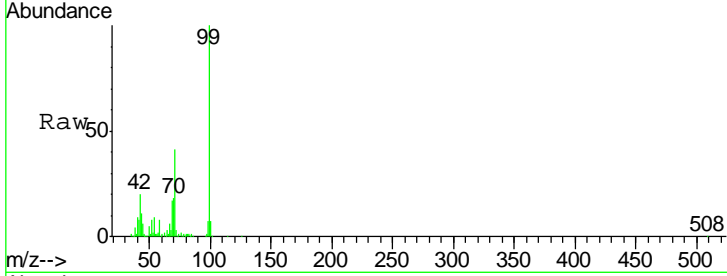




#7  
 Phenol-d6  
 Concen: 143.498 ng  
 RT: 8.01 min Scan# 803  
 Delta R.T. -0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

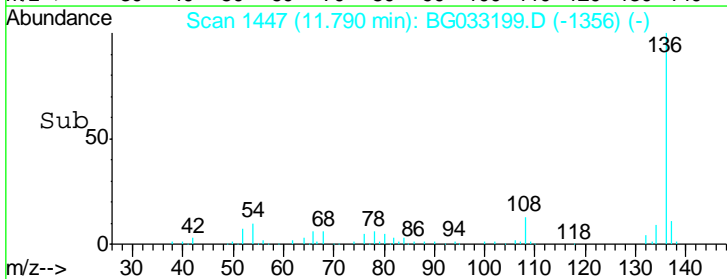
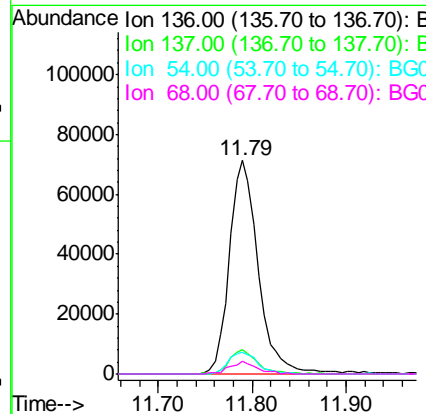
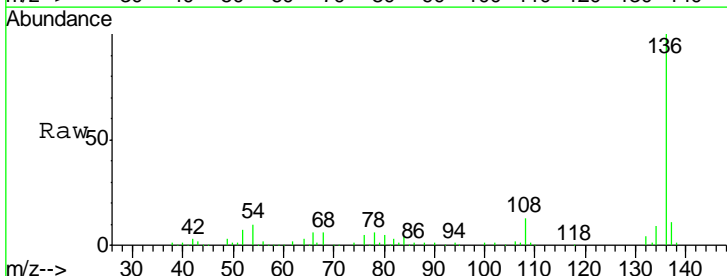
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 BNA\_G  
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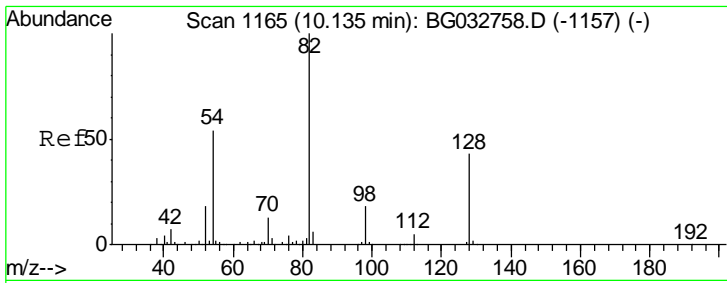
Tgt Ion	Resp	Lower	Upper
99	478457		
42	20.0	14.1	21.1
71	40.9	26.1	39.1#



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 11.79 min Scan# 1447  
 Delta R.T. 0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

Tgt Ion	Resp	Lower	Upper
136	151887		
137	11.5	9.2	13.8
54	10.2	10.3	15.5#
68	5.9	4.5	6.7

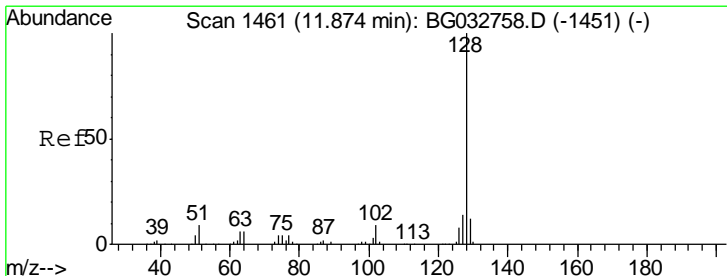
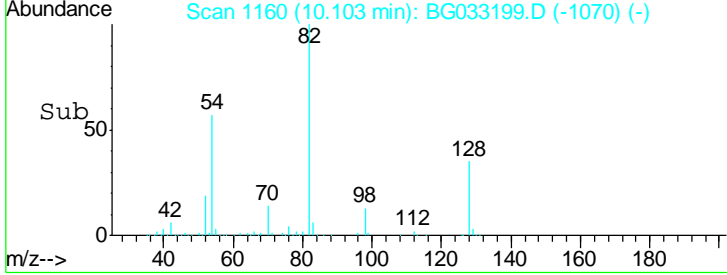
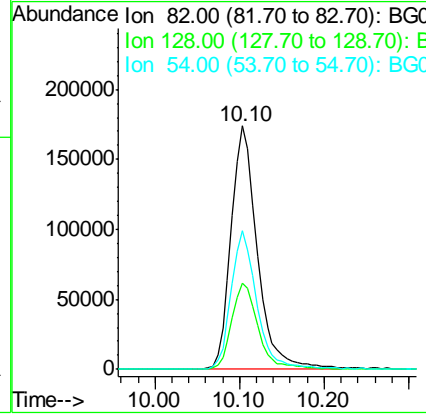
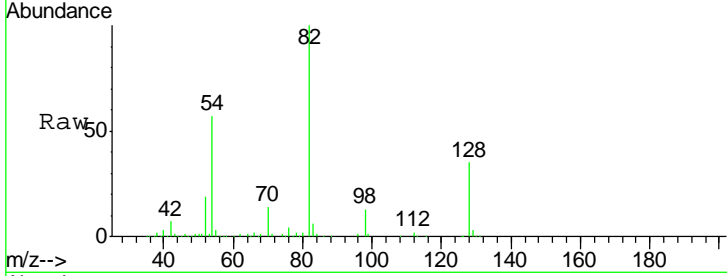




#23  
 Nitrobenzene-d5  
 Concen: 160.420 ng  
 RT: 10.10 min Scan# 1160  
 Delta R.T. 0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

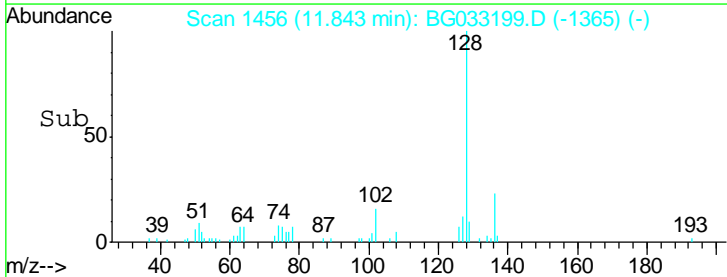
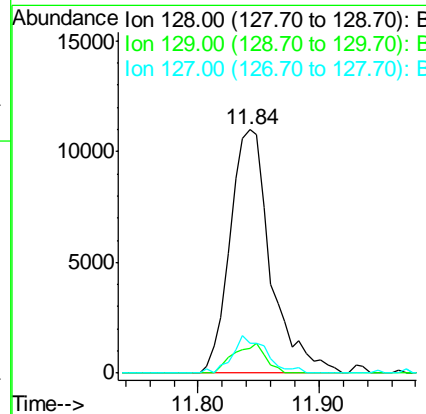
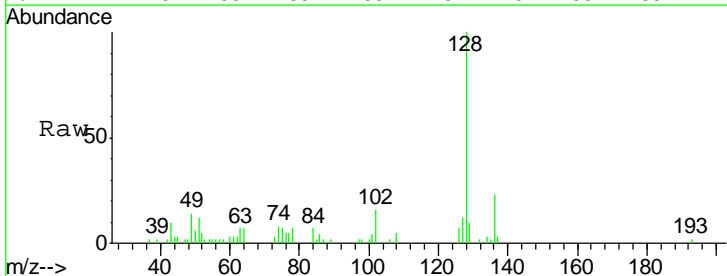
**Instrument :**  
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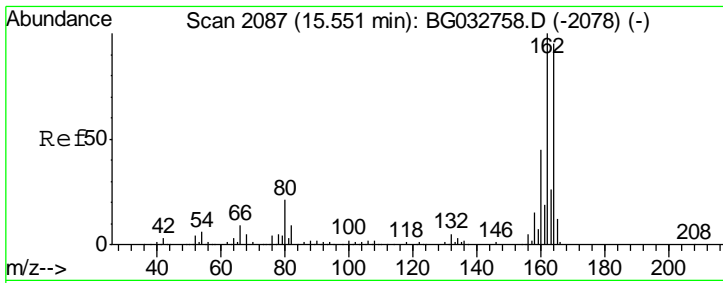
Tgt Ion	Resp	Lower	Upper
82	372909		
128	35.3	29.7	44.5
54	56.9	43.1	64.7



#31  
 Naphthalene  
 Concen: 3.238 ng  
 RT: 11.84 min Scan# 1456  
 Delta R.T. 0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

Tgt Ion	Resp	Lower	Upper
128	25701		
129	10.0	8.6	12.8
127	12.1	11.6	17.4

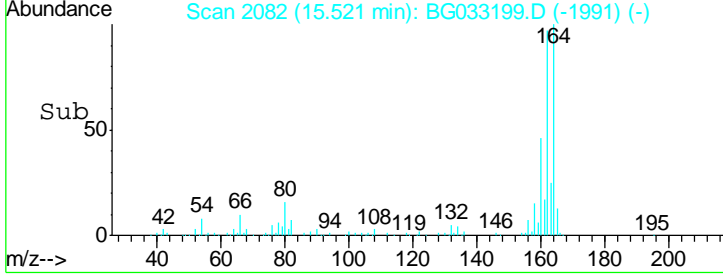
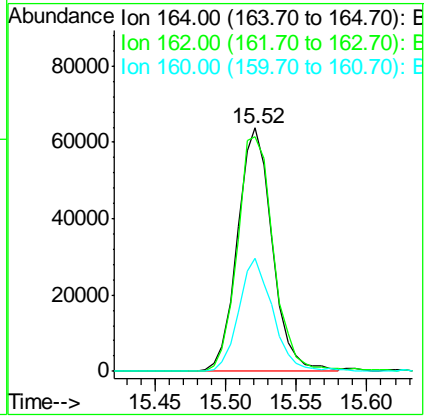
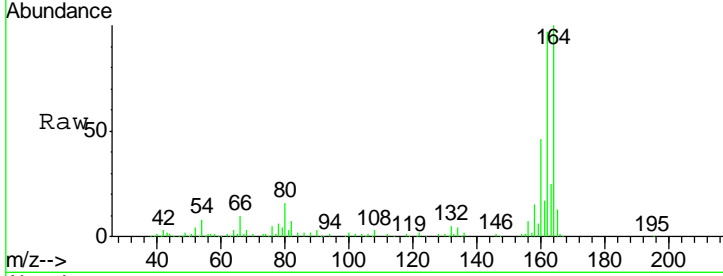




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.52 min Scan# 2082  
 Delta R.T. 0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

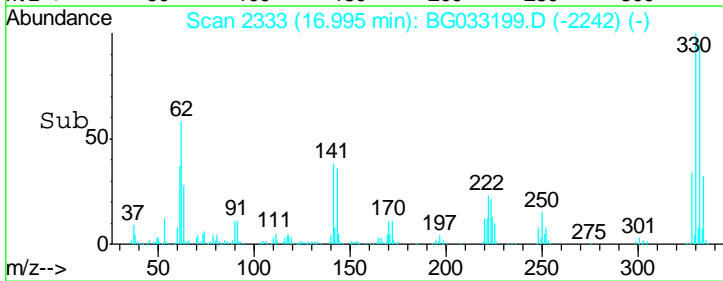
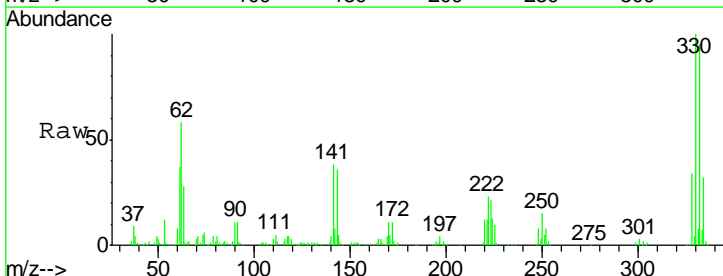
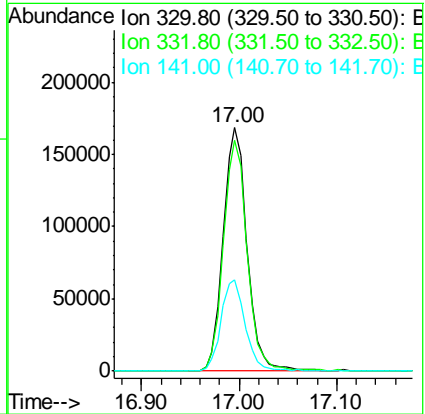
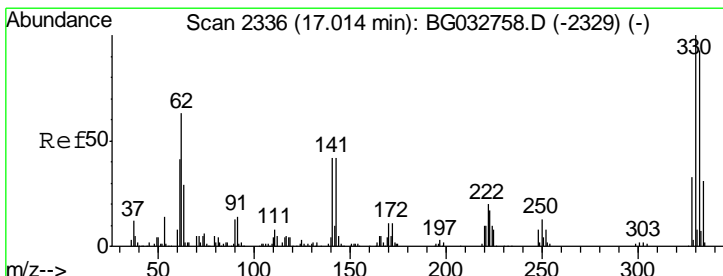
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**ClientSampled :**  
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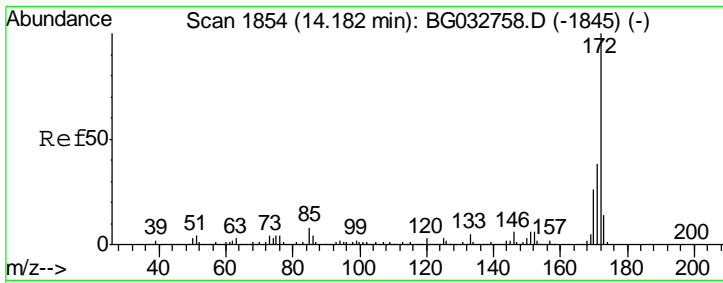
Tgt Ion	Resp	Lower	Upper
164	100		
162	96.5	78.8	118.2
160	46.5	35.4	53.0



#41  
 2,4,6-Tribromophenol  
 Concen: 247.774 ng  
 RT: 17.00 min Scan# 2333  
 Delta R.T. 0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

Tgt Ion	Resp	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	38.0	25.2	37.8#

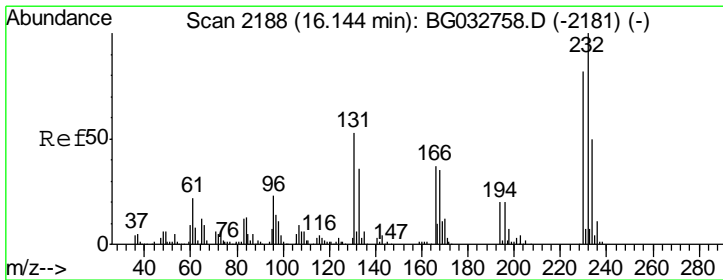
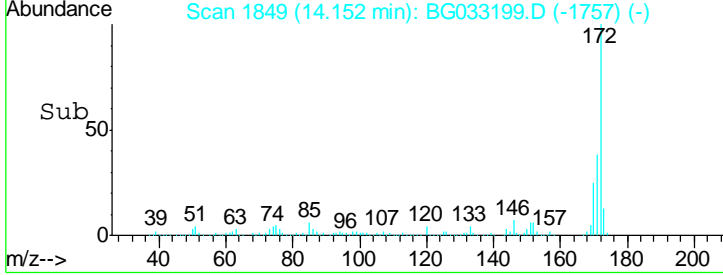
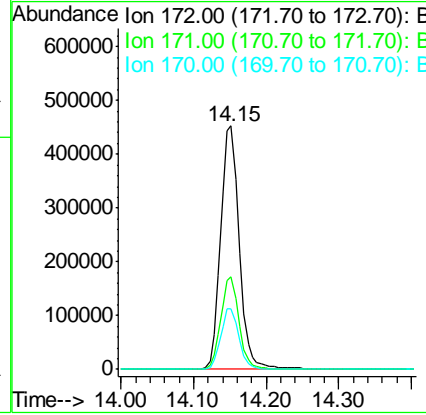
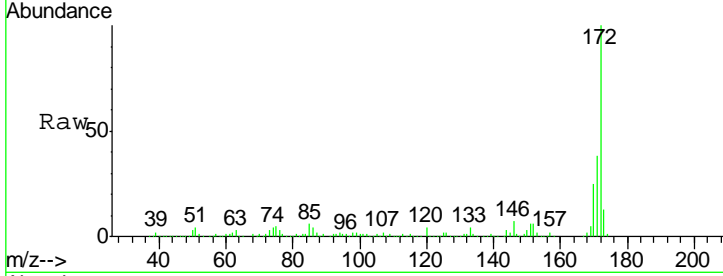




#44  
 2-Fluorobiphenyl  
 Concen: 106.592 ng  
 RT: 14.15 min Scan# 1849  
 Delta R.T. 0.01 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

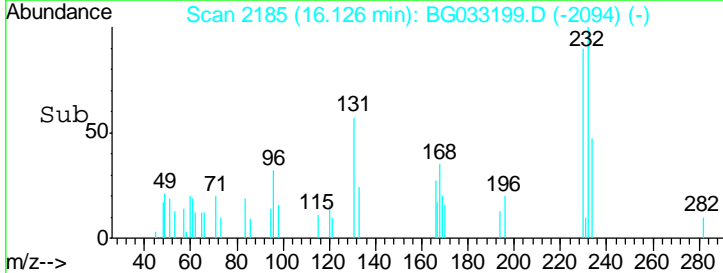
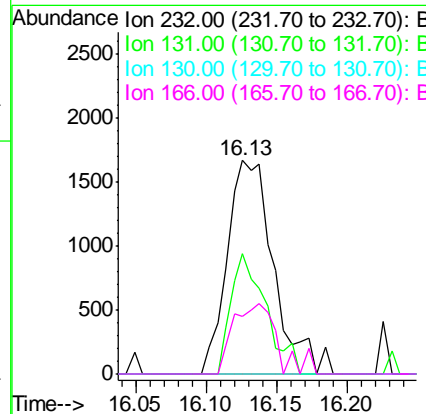
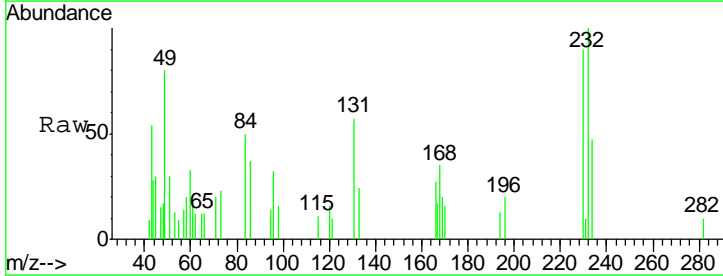
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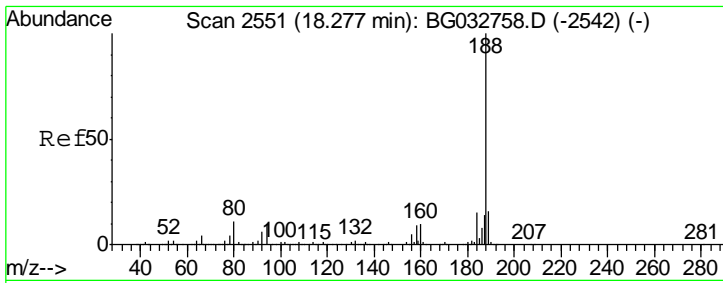
Tgt Ion	Resp	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.7	19.5	29.3



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 2.080 ng  
 RT: 16.13 min Scan# 2185  
 Delta R.T. 0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

Tgt Ion	Resp	Lower	Upper
232	100		
131	42.3	33.5	50.3
130	0.0	2.2	3.2#
166	31.1	24.8	37.2

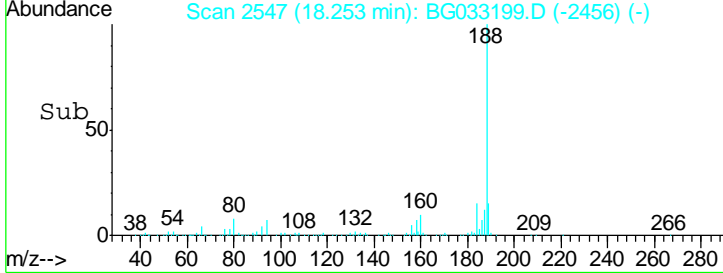
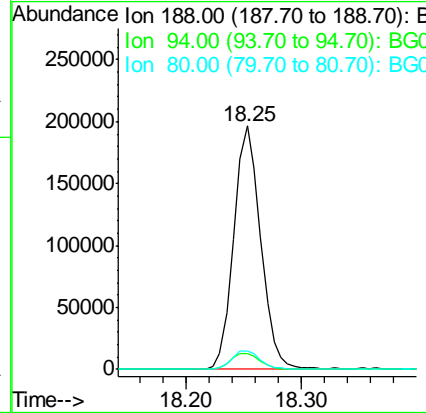
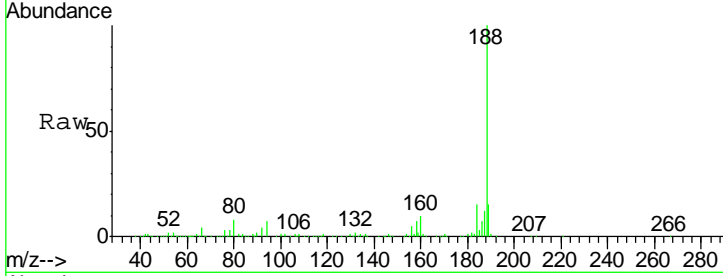




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 18.25 min Scan# 2547  
 Delta R.T. 0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

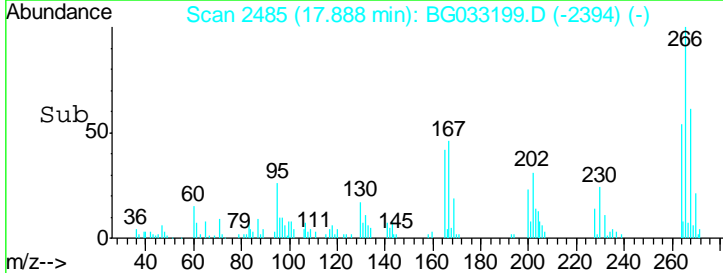
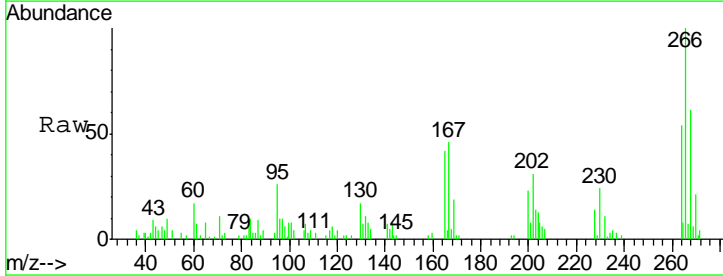
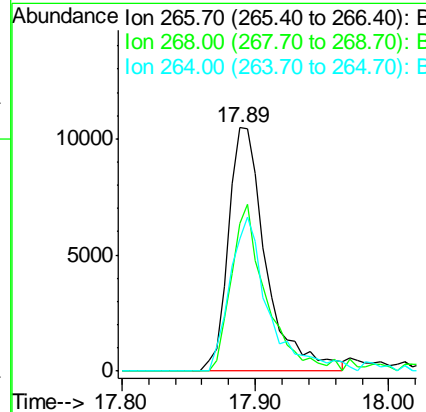
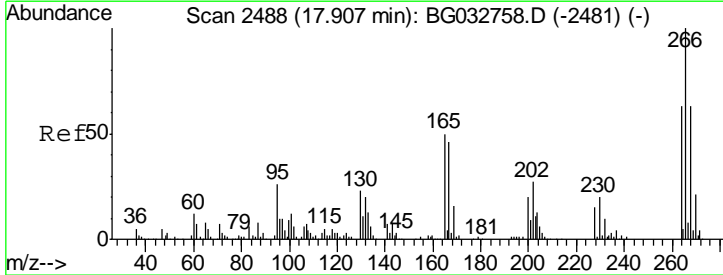
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Tgt Ion	Resp	Lower	Upper
188	317642		
94	6.6	6.9	10.3#
80	7.7	7.7	11.5

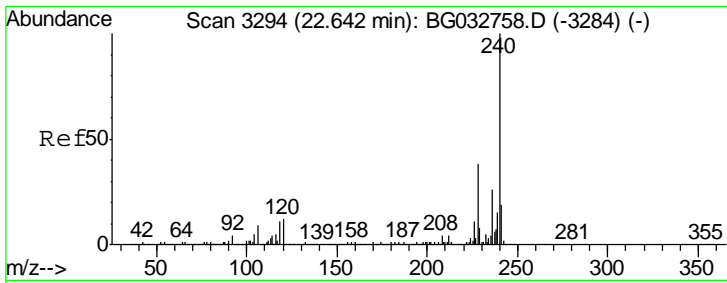


#69  
 Pentachlorophenol  
 Concen: 9.063 ng  
 RT: 17.89 min Scan# 2485  
 Delta R.T. 0.00 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

Tgt Ion	Resp	Lower	Upper
266	20720		
268	60.7	51.1	76.7
264	62.4	49.6	74.4



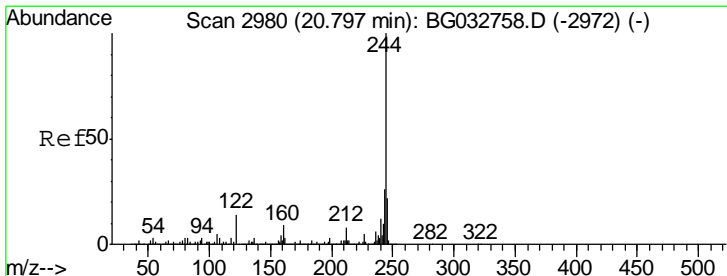
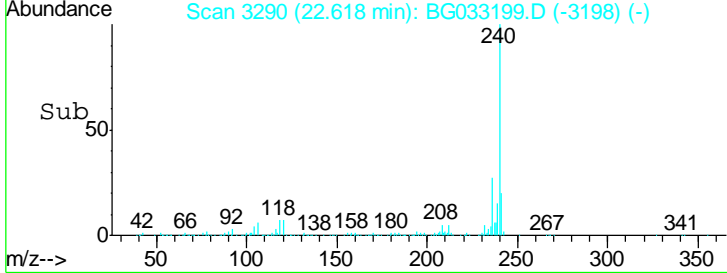
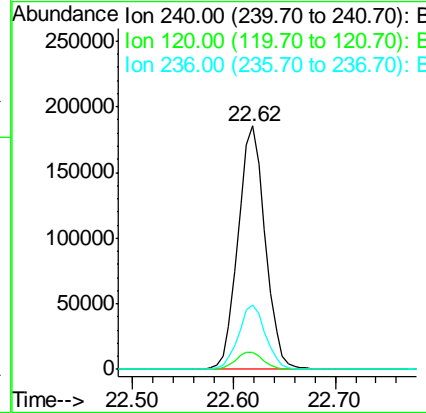
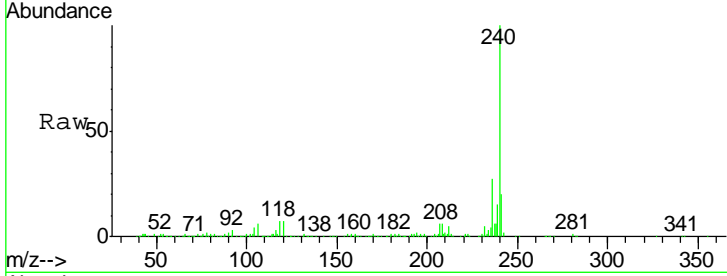




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 22.62 min Scan# 3290  
 Delta R.T. 0.01 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

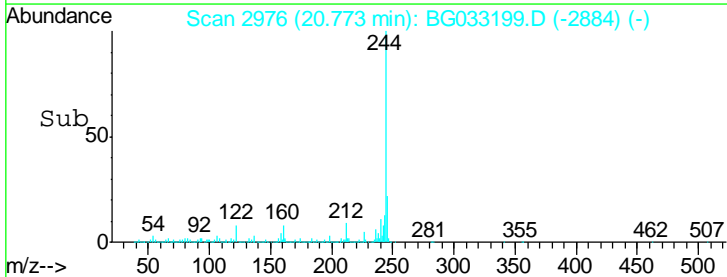
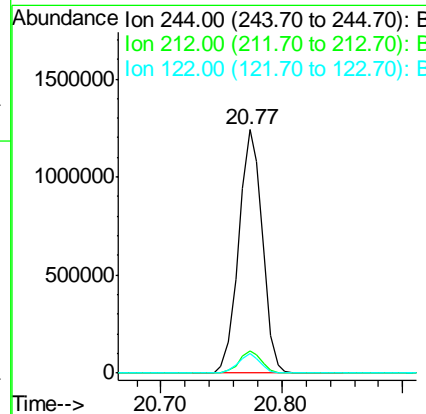
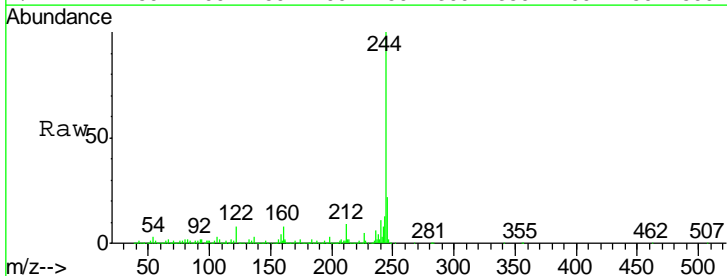
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OILY-SOIL-M8

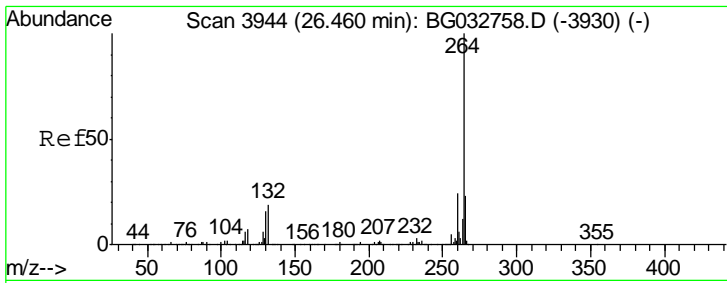
Tgt Ion	Resp	Lower	Upper
240	343780		
120	6.9	6.8	10.2
236	26.7	20.9	31.3



#78  
 Terphenyl-d14  
 Concen: 110.763 ng  
 RT: 20.77 min Scan# 2976  
 Delta R.T. 0.01 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

Tgt Ion	Resp	Lower	Upper
244	1694828		
212	9.3	5.8	8.8#
122	7.9	7.0	10.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 26.44 min Scan# 3941  
 Delta R.T. 0.03 min  
 Lab File: BG033199.D  
 Acq: 16 Mar 2018 14:52

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 OILY-SOIL-M8

Tot Ion: 264 Resp: 365180

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.6	17.7	26.5

