

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
 Data File : BG025581.D
 Acq On : 21 Jan 2017 20:05
 Operator : UM/SJ
 Sample : I1329-05RE
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-3FT-COMPRES

Quant Time: Jan 23 00:59:55 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	77736	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	314569	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	249418	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	549242	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	713195	20.00	ng	-0.02
86) Perylene-d12	25.23	264	766991	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	50465	11.80	ng	-0.01
7) Phenol-d6	7.34	99	323067	53.64	ng	-0.02
23) Nitrobenzene-d5	9.36	82	482072	67.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.31	330	8792	2.19	ng	-0.01
44) 2-Fluorobiphenyl	13.43	172	930638	60.41	ng	-0.02
78) Terphenyl-d14	20.14	244	1581522	58.80	ng	-0.02

Target Compounds

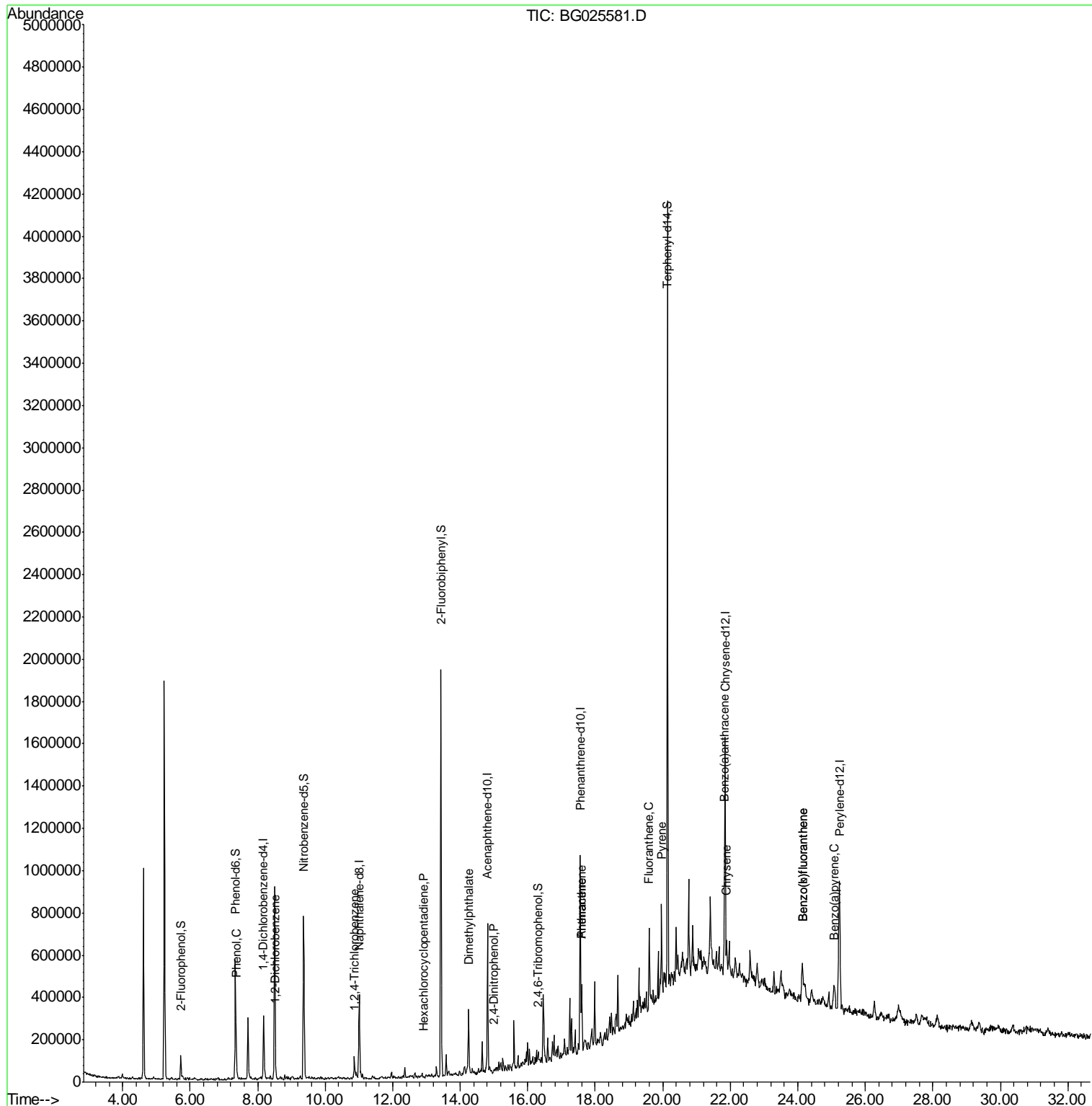
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.36	94	13779	2.06	ng	# 68
14) 1,2-Dichlorobenzene	8.53	146	12420	2.15	ng	# 70
30) 1,2,4-Trichlorobenzene	10.87	180	36461	5.74	ng	91
40) Hexachlorocyclopentadiene	12.93	237	79	8.53	ng	# 29
49) Dimethylphthalate	14.25	163	178032	9.79	ng	# 95
53) 2,4-Dinitrophenol	14.98	184	79	5.11	ng	92
70) Phenanthrene	17.60	178	183378	6.48	ng	96
71) Anthracene	17.60	178	183378	6.38	ng	96
74) Fluoranthene	19.60	202	247410	6.62	ng	92
77) Pyrene	19.96	202	263599	7.07	ng	94
80) Benzo(a)anthracene	21.82	228	131954	3.32	ng	94
82) Chrysene	21.89	228	131483	3.45	ng	95
87) Benzo(b)fluoranthene	24.14	252	145124	3.47	ng	# 97
88) Benzo(k)fluoranthene	24.14	252	145124	3.59	ng	# 98
89) Benzo(a)pyrene	25.07	252	103845	2.57	ng	# 92

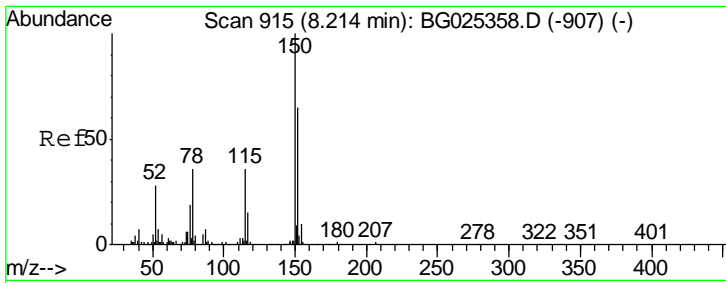
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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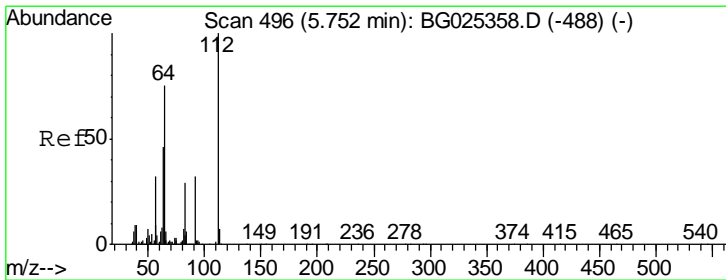
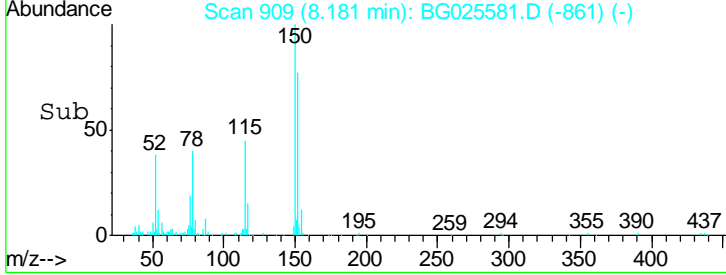
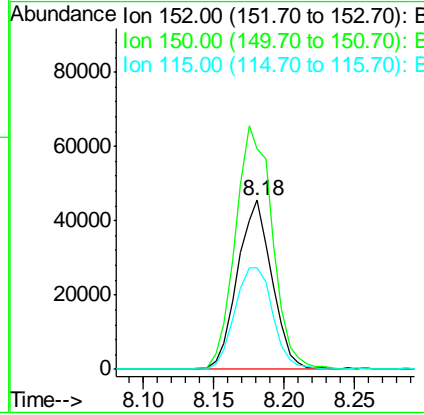
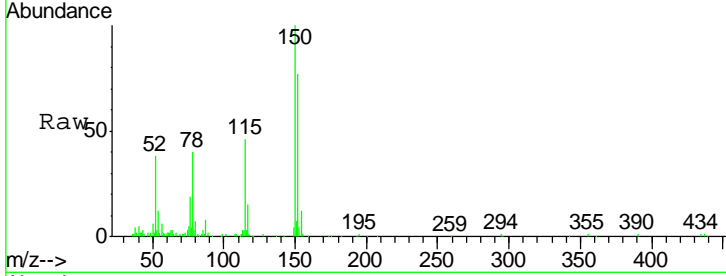




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.18 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

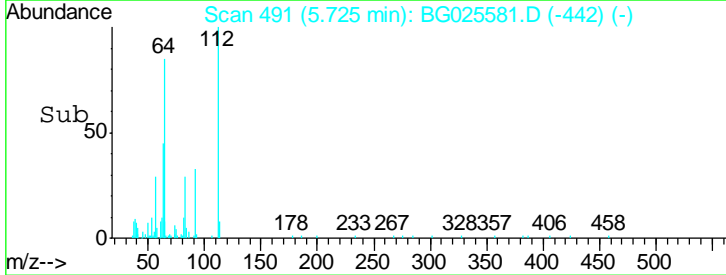
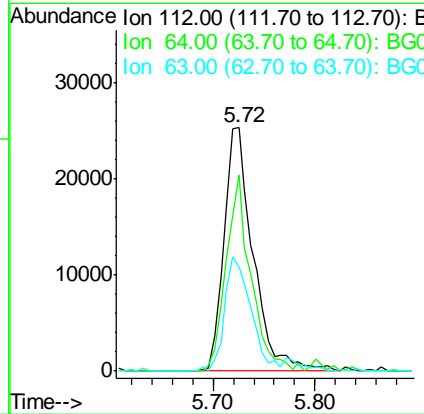
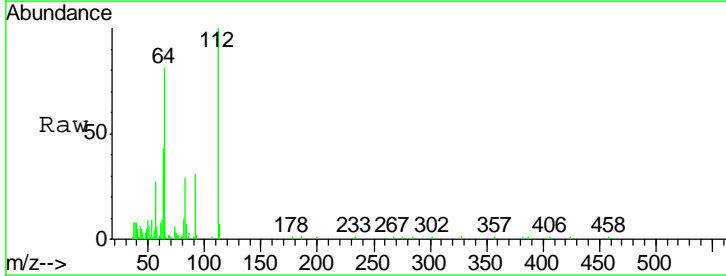
Instrument :
 BNA_G
ClientSampleId :
 S1-0-3FT-COMP

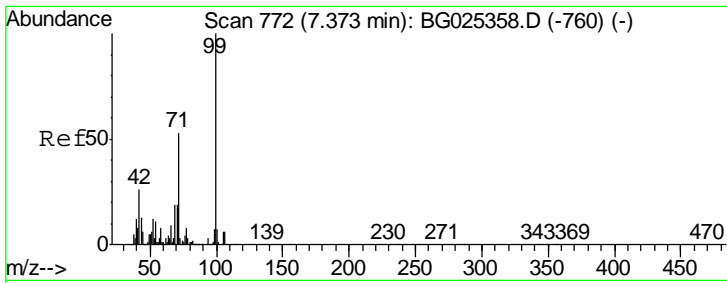
Tgt Ion	Resp	Lower	Upper
152	77736		
152	100		
150	130.5	114.0	171.0
115	60.3	48.1	72.1



#5
 2-Fluorophenol
 Concen: 11.80 ng
 RT: 5.72 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
112	50465		
112	100		
64	80.6	61.8	92.6
63	42.8	37.2	55.8

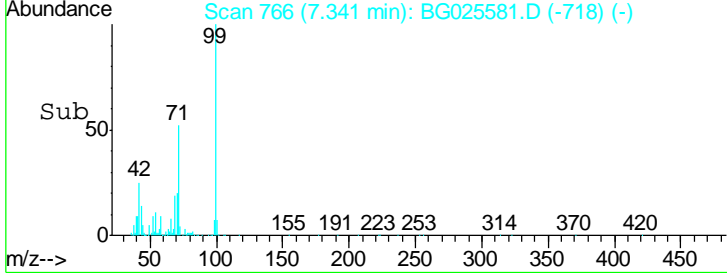
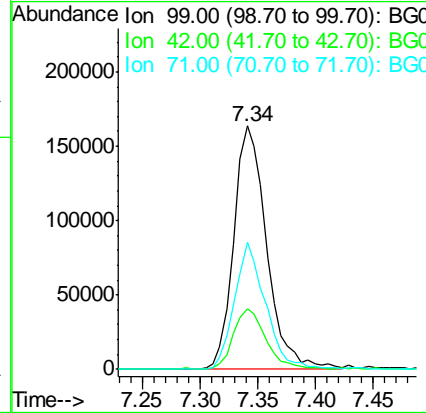
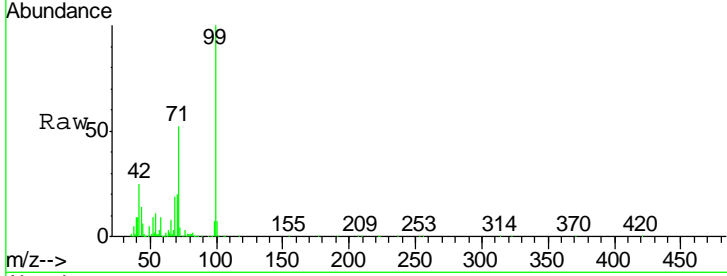




#7
 Phenol-d6
 Concen: 53.64 ng
 RT: 7.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

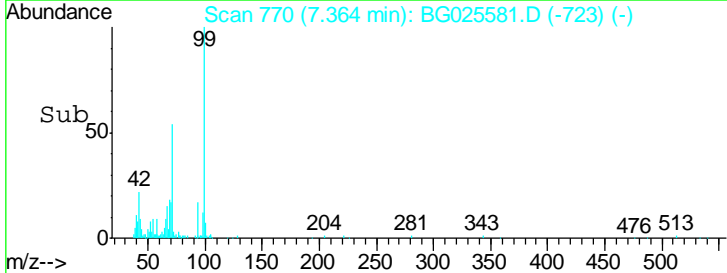
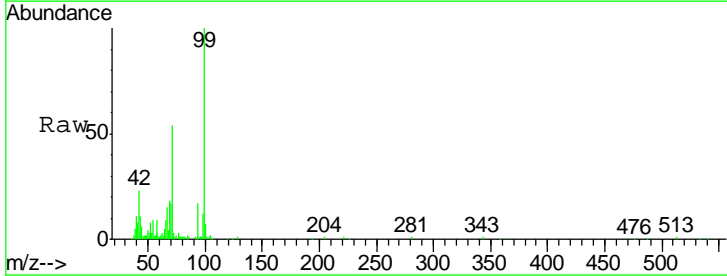
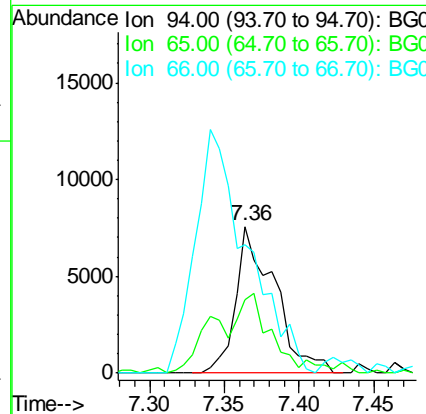
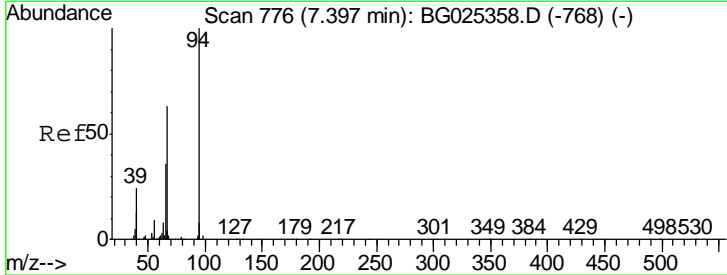
Instrument :
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ClientSampleId :
 S1-0-3FT-COMP

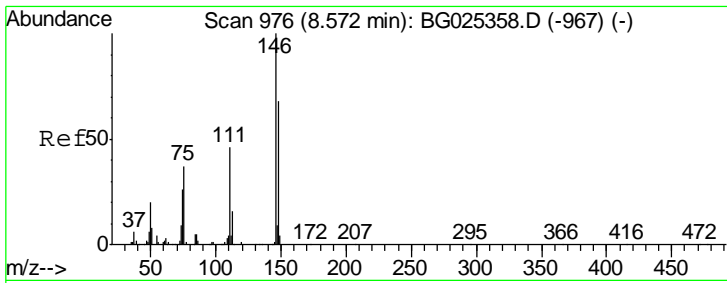
Tgt Ion	Resp	Lower	Upper
99	100		
42	24.8	20.5	30.7
71	52.2	37.6	56.4



#10
 Phenol
 Concen: 2.06 ng
 RT: 7.36 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
94	100		
65	50.3	20.6	60.6
66	87.7	35.5	75.5#

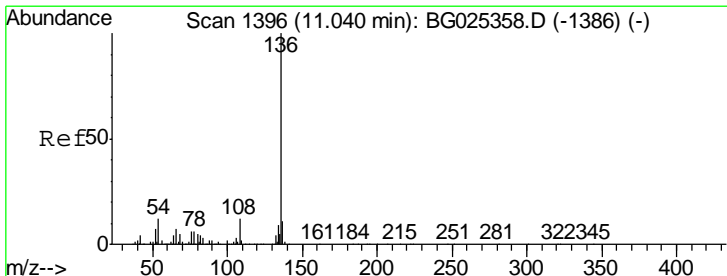
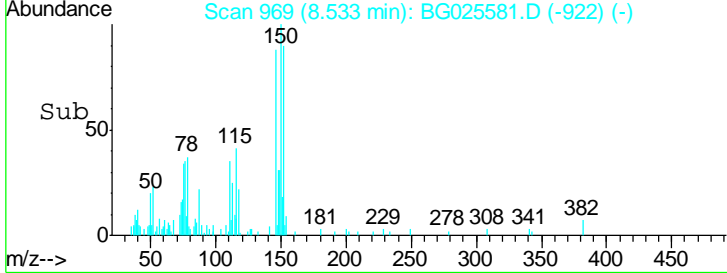
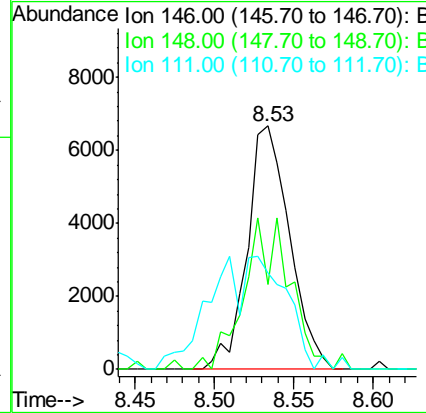
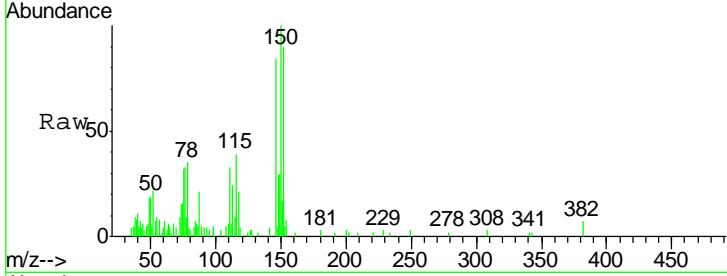




#14
 1,2-Dichlorobenzene
 Concen: 2.15 ng
 RT: 8.53 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

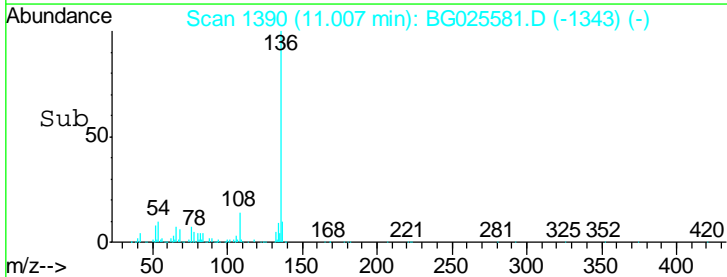
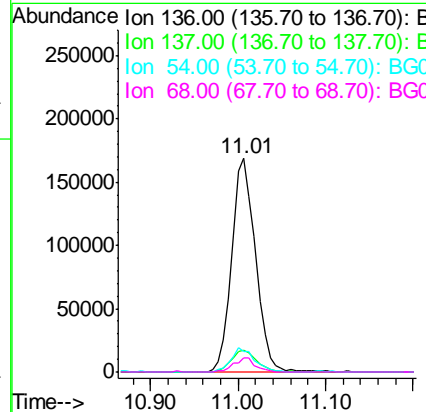
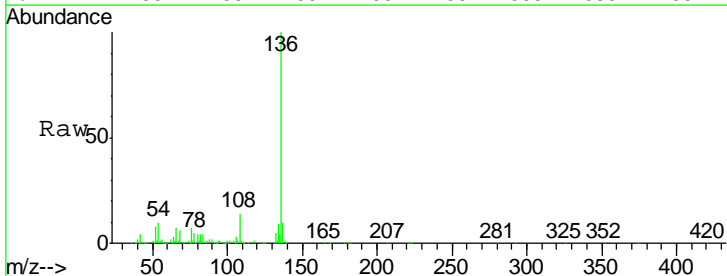
Instrument :
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ClientSampled :
 S1-0-3FT-COMP

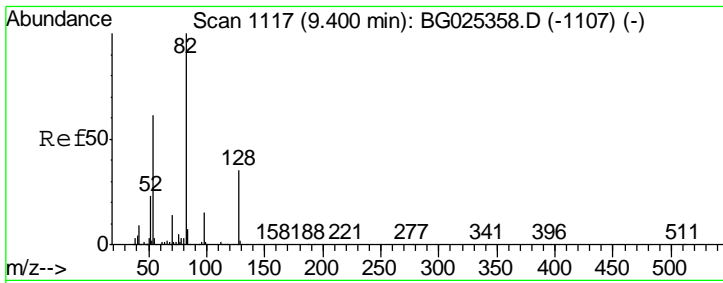
Tgt Ion	Resp	Lower	Upper
146	12420		
148	34.9	54.6	81.8#
111	39.4	39.7	59.5#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.01 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
136	314569		
137	10.1	8.9	13.3
54	9.5	9.3	13.9
68	6.5	5.1	7.7

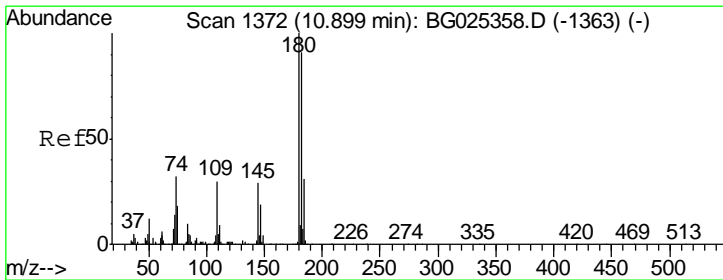
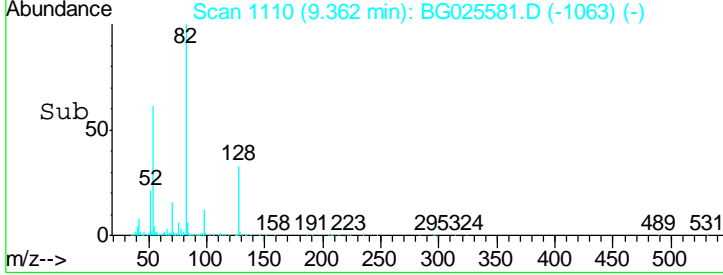
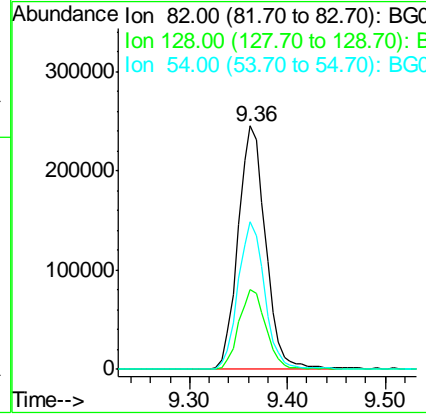
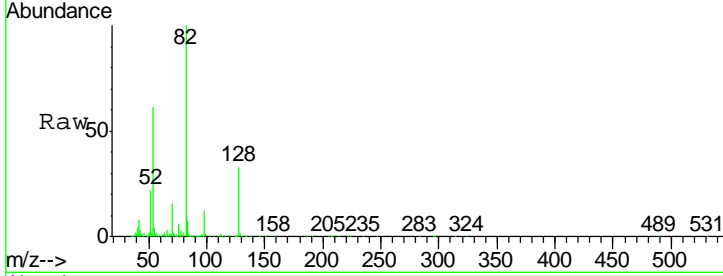




#23
 Nitrobenzene-d5
 Concen: 67.70 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

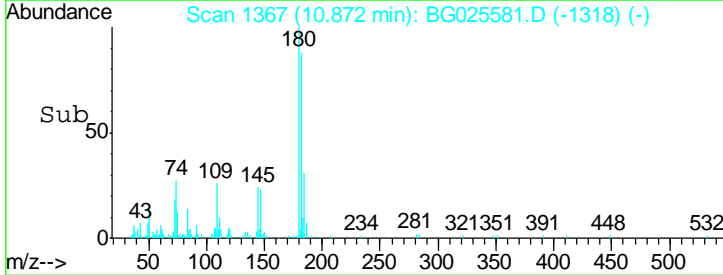
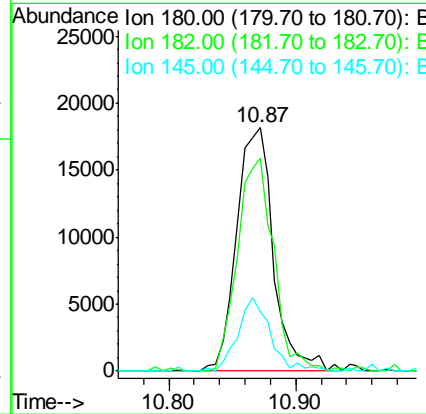
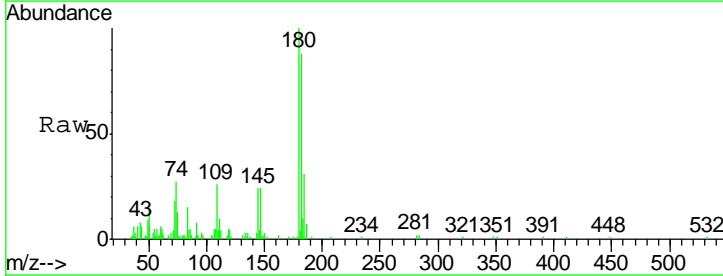
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ClientSampleId :
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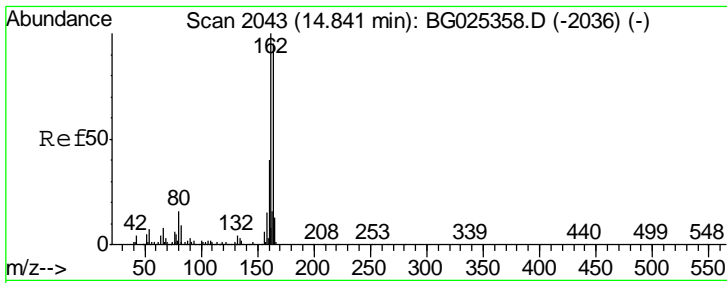
Tgt Ion	Resp	Lower	Upper
82	482072		
128	32.8	26.4	39.6
54	60.7	49.4	74.2



#30
 1,2,4-Trichlorobenzene
 Concen: 5.74 ng
 RT: 10.87 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
180	36461		
182	87.6	77.0	115.4
145	24.2	23.4	35.0

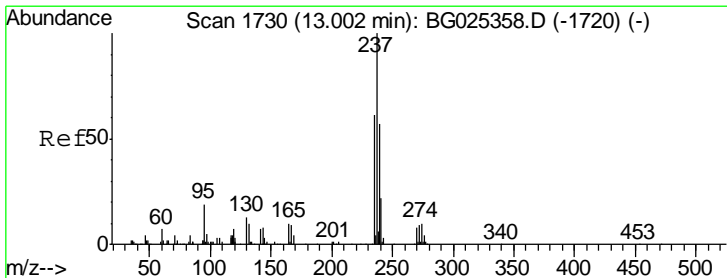
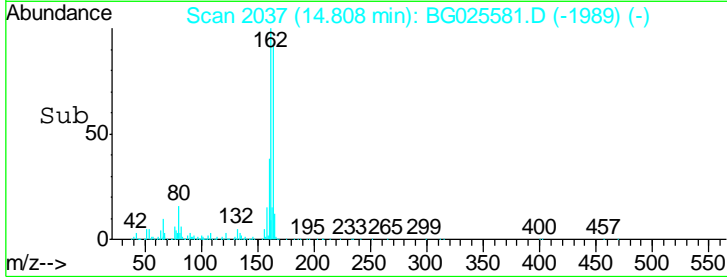
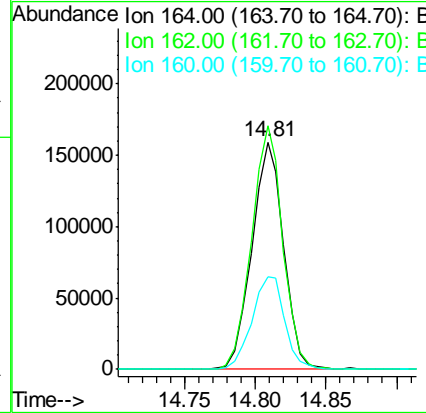
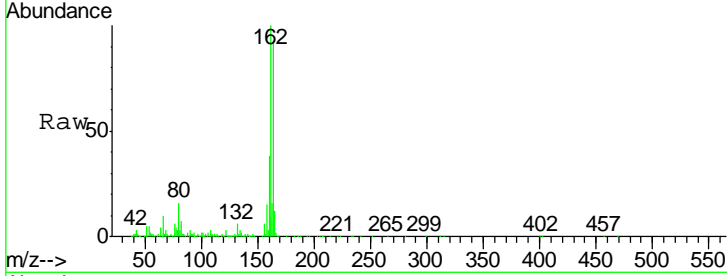




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

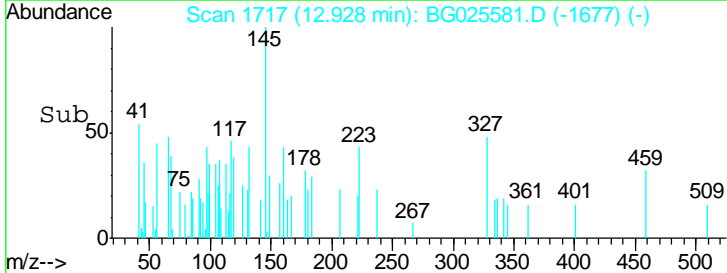
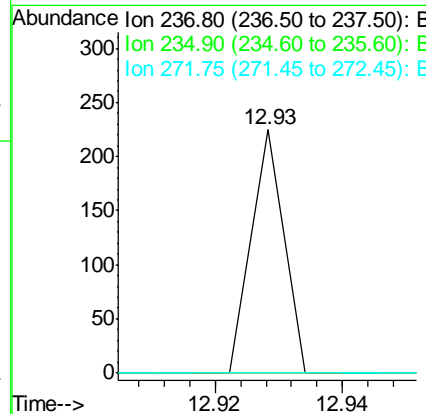
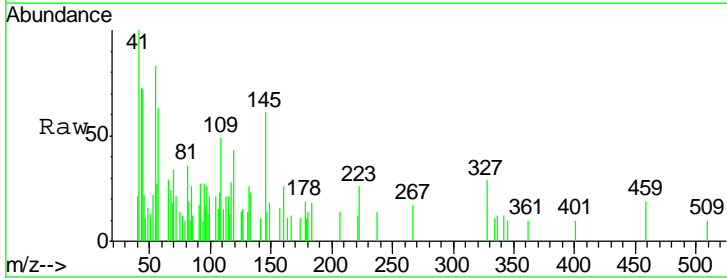
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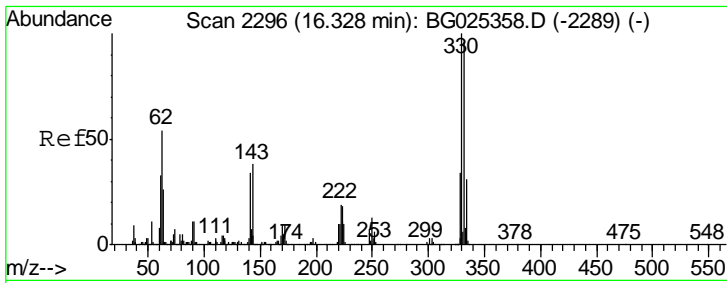
Tgt Ion	Resp	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	40.6	34.7	52.1



#40
 Hexachlorocyclopentadiene
 Concen: 8.53 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.06 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0

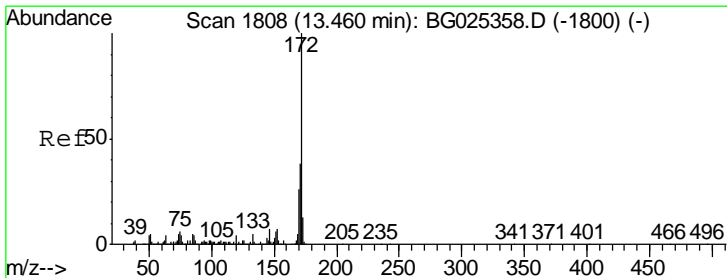
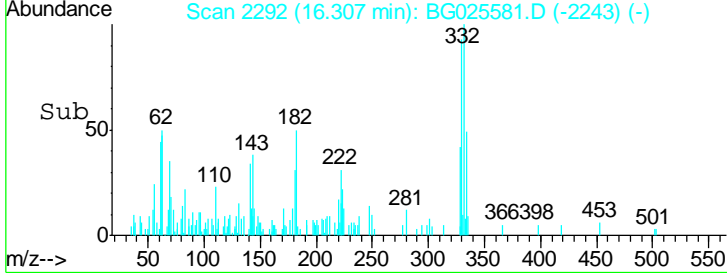
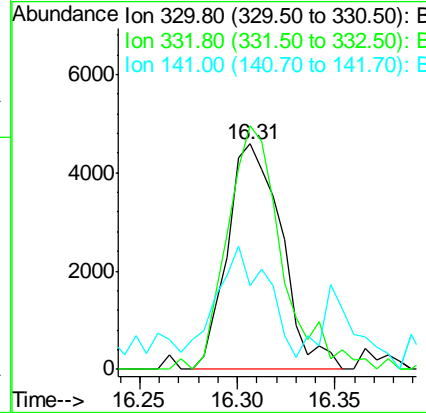
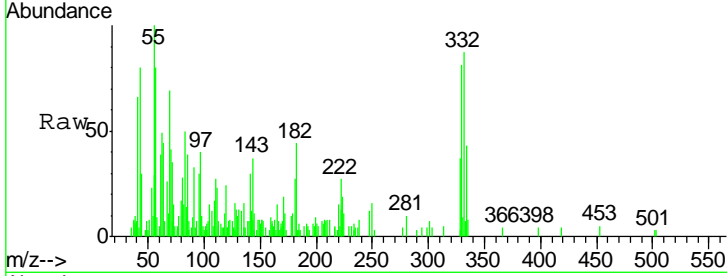




#41
 2,4,6-Tribromophenol
 Concen: 2.19 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

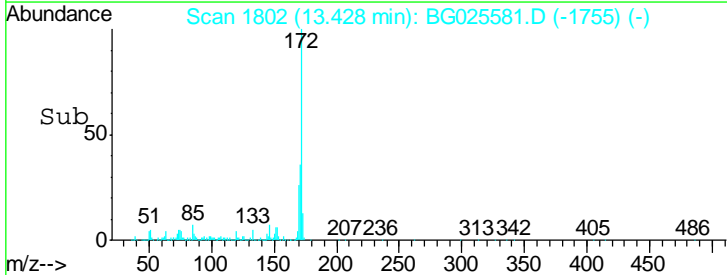
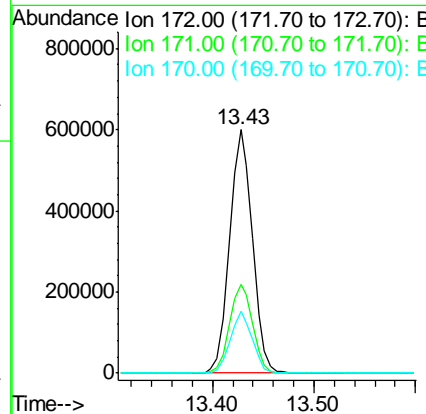
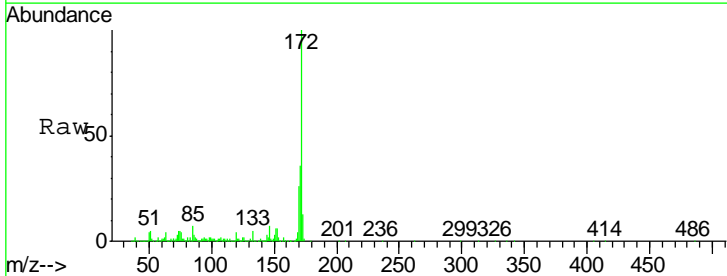
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 S1-0-3FT-COMP

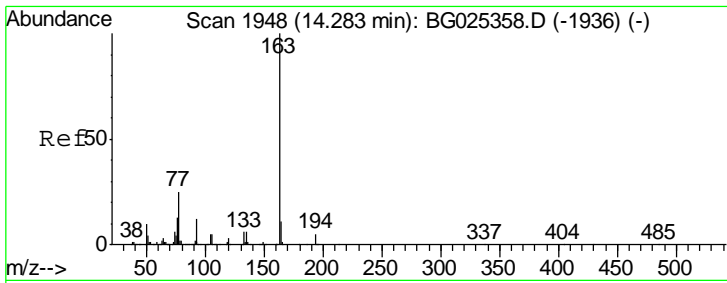
Tgt Ion	Resp	Lower	Upper
330	100		
332	110.0	77.3	115.9
141	44.7	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 60.41 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	25.6	21.8	32.6

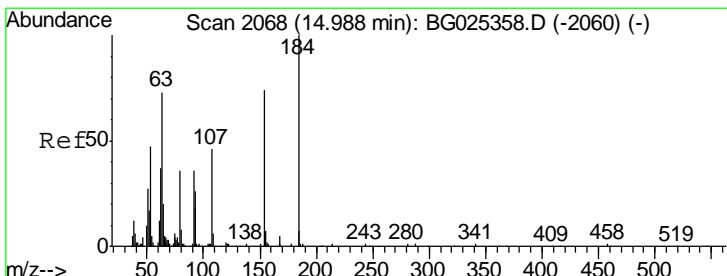
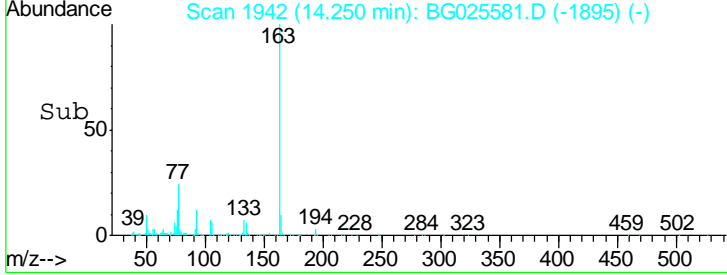
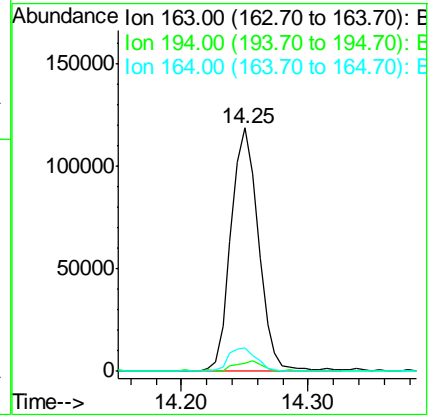
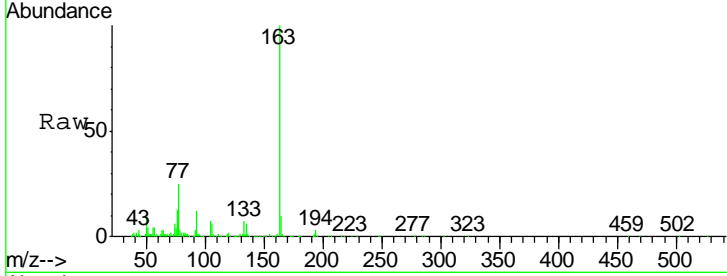




#49
 Dimethylphthalate
 Concen: 9.79 ng
 RT: 14.25 min Scan# 1942
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

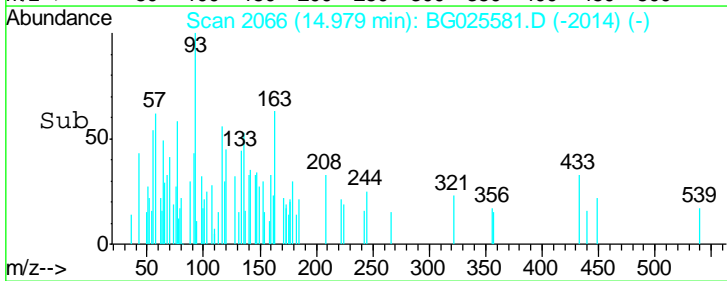
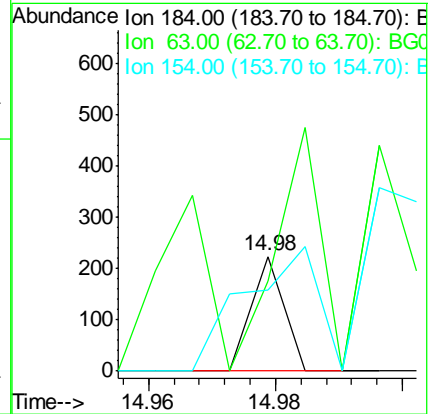
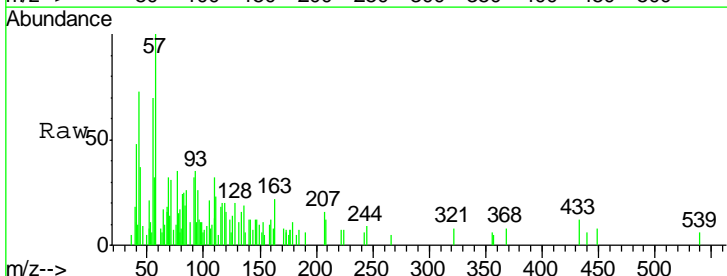
Instrument :
 BNA_G
 ClientSampled :
 S1-0-3FT-COMP

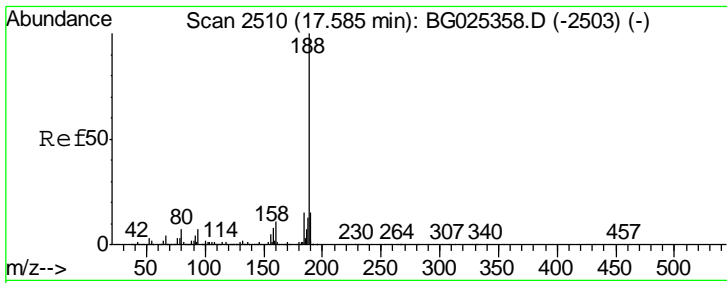
Tgt Ion	Resp	Lower	Upper
163	178032		
194	3.4	3.8	5.6#
164	9.8	9.3	13.9



#53
 2,4-Dinitrophenol
 Concen: 5.11 ng
 RT: 14.98 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
184	79		
63	79.0	52.7	79.1
154	71.0	57.3	85.9

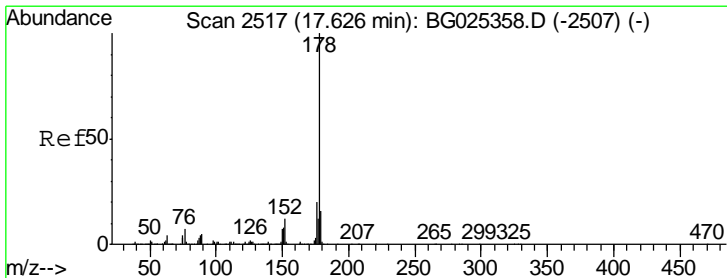
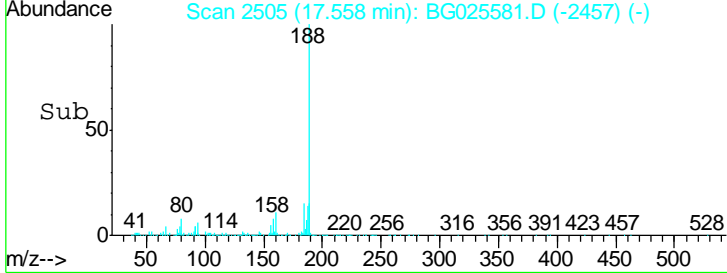
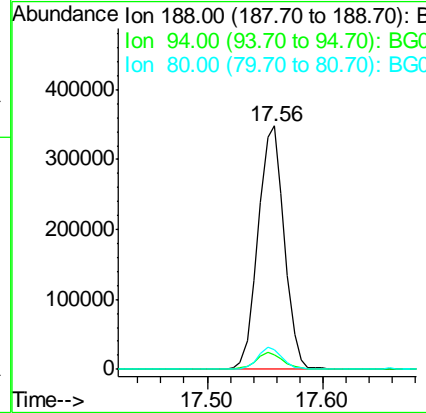
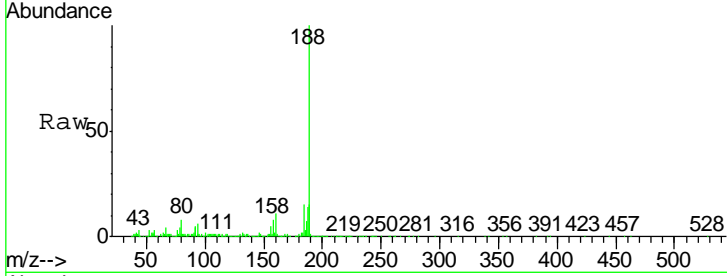




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

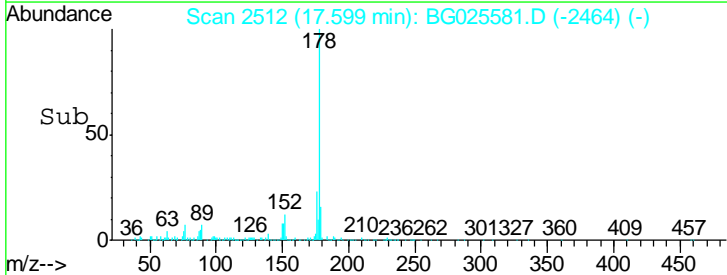
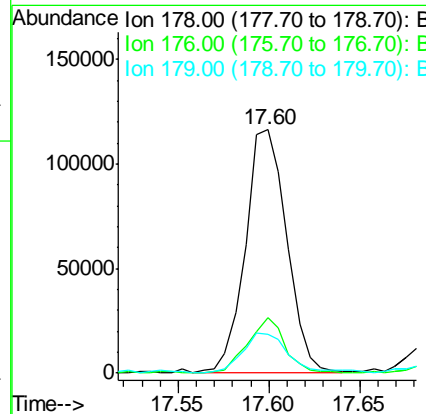
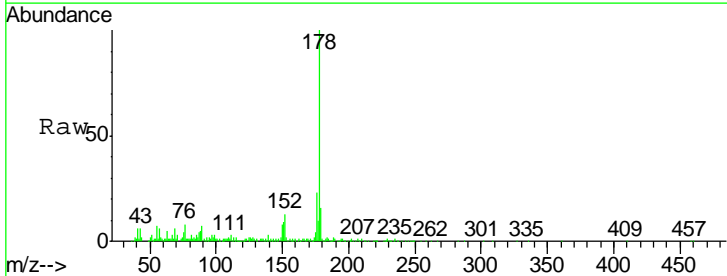
Instrument :
 BNA_G
 ClientSampleId :
 S1-0-3FT-COMP

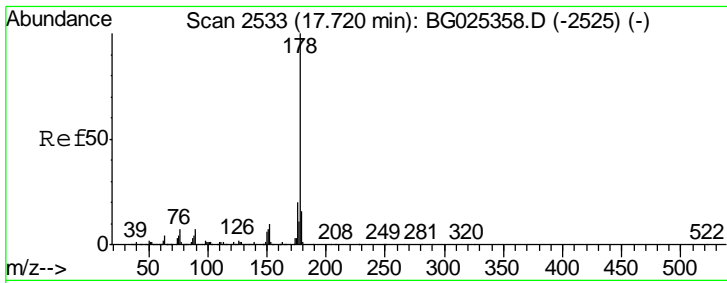
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.1	5.8	8.8
80	7.9	7.5	11.3



#70
 Phenanthrene
 Concen: 6.48 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
178	100		
176	23.0	17.7	26.5
179	16.2	15.0	22.6

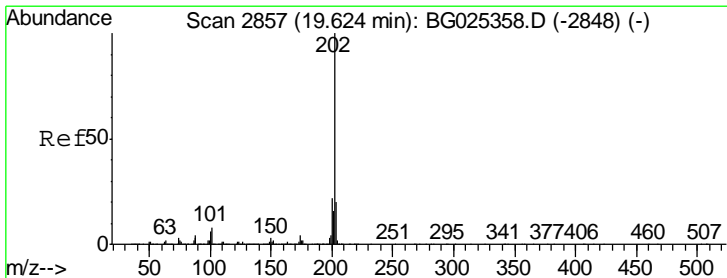
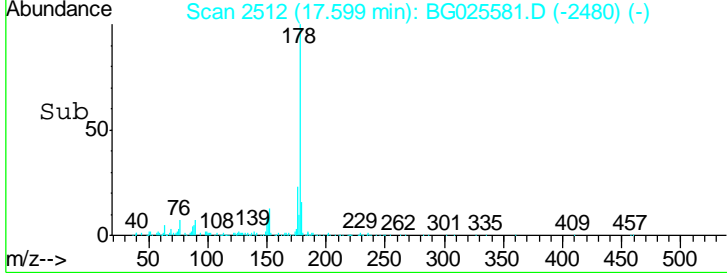
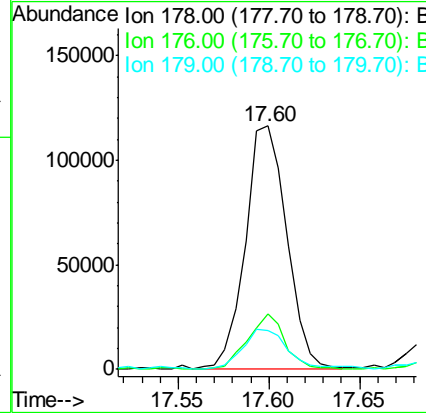
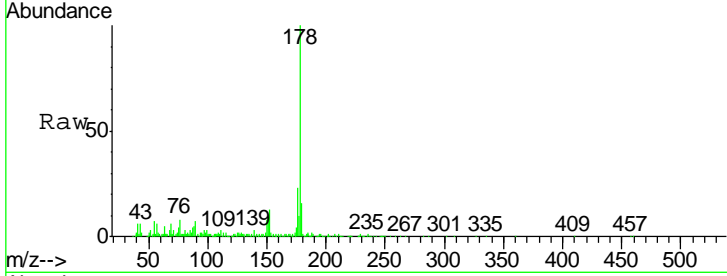




#71
 Anthracene
 Concen: 6.38 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.11 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

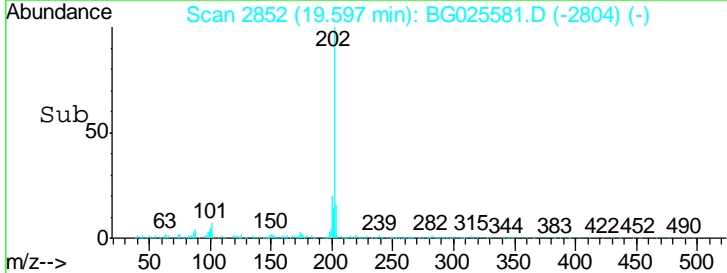
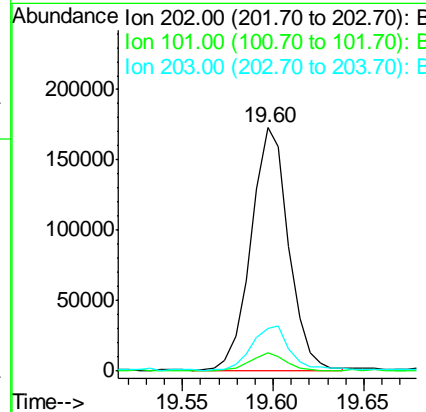
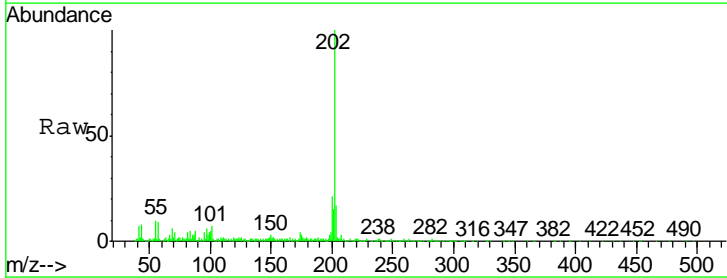
Instrument :
 BNA_G
 ClientSampleId :
 S1-0-3FT-COMP

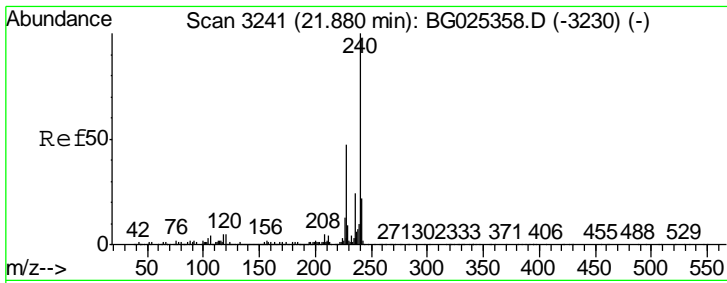
Tgt Ion	Resp	Lower	Upper
178	183378		
176	23.0	16.4	24.6
179	16.2	13.8	20.8



#74
 Fluoranthene
 Concen: 6.62 ng
 RT: 19.60 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
202	247410		
101	7.3	0.0	30.1
203	17.3	1.3	41.3

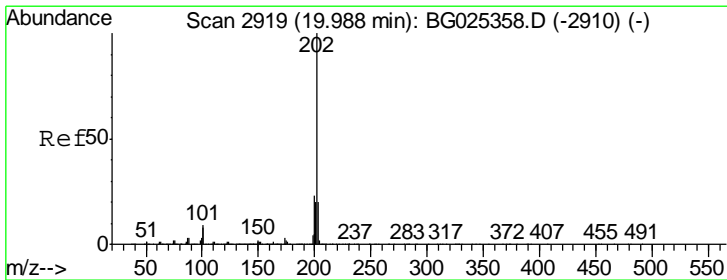
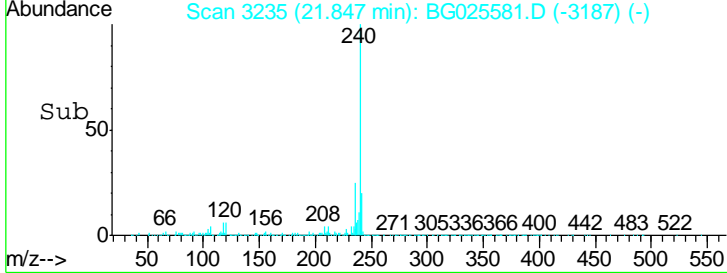
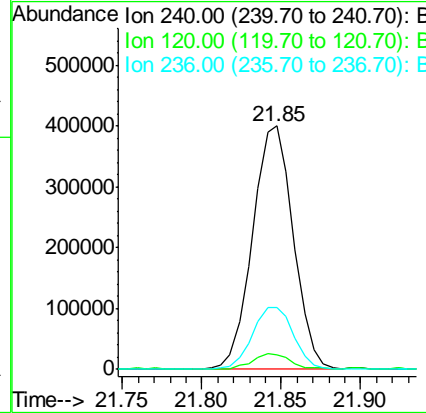
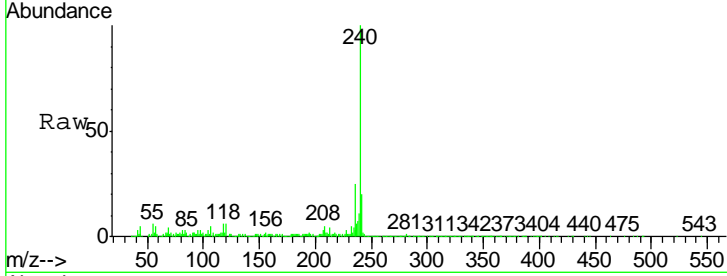




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3235
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

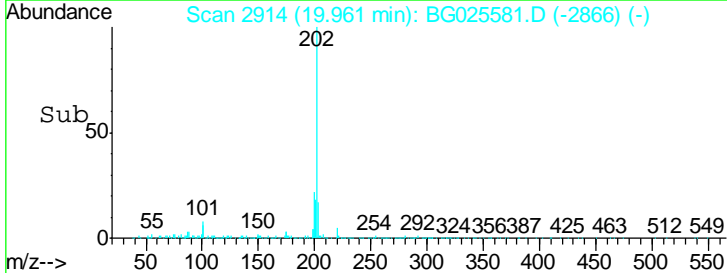
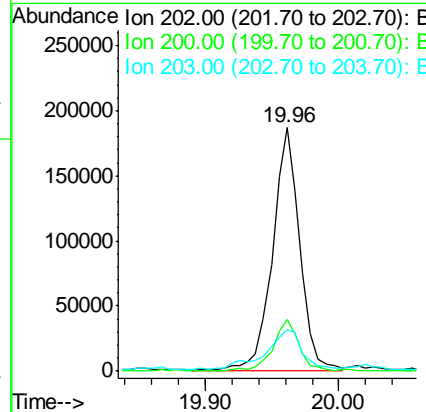
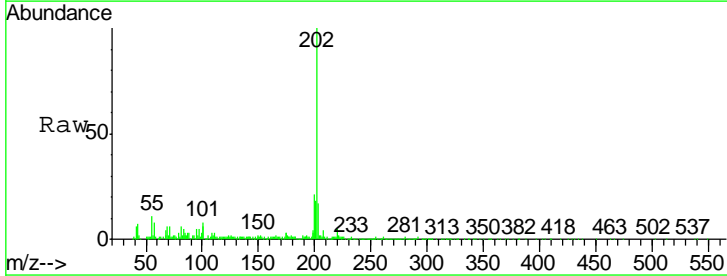
Instrument :
 BNA_G
 ClientSampled :
 S1-0-3FT-COMP

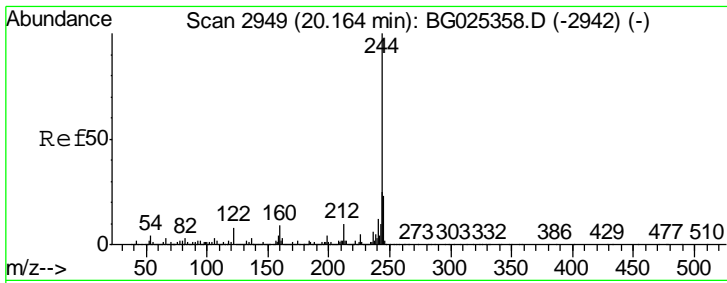
Tgt Ion	Resp	Lower	Upper
240	100		
120	6.1	5.7	8.5
236	25.3	22.2	33.4



#77
 Pyrene
 Concen: 7.07 ng
 RT: 19.96 min Scan# 2914
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
202	100		
200	21.4	19.6	29.4
203	17.1	15.8	23.8

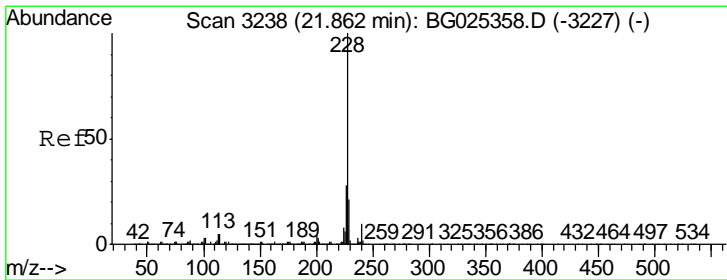
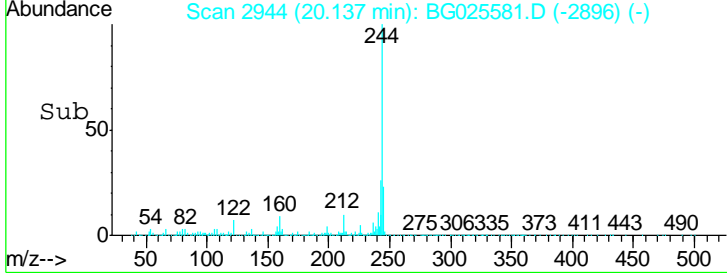
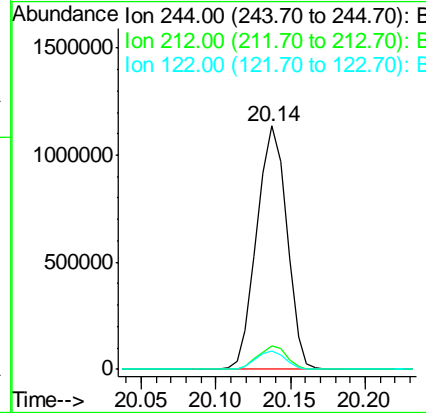
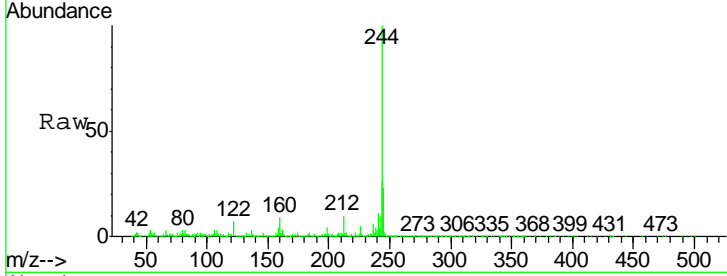




#78
 Terphenyl-d14
 Concen: 58.80 ng
 RT: 20.14 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

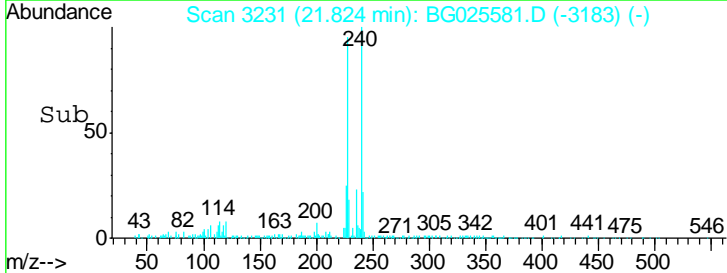
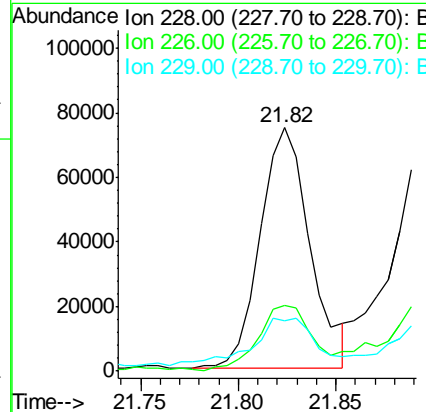
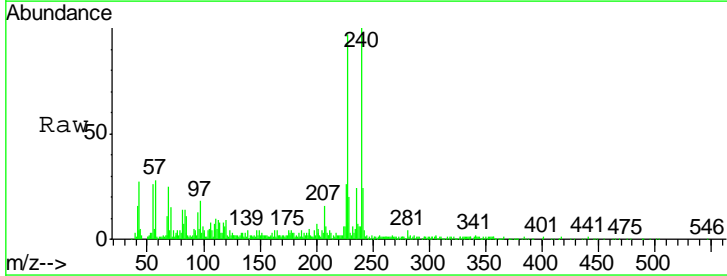
Instrument :
 BNA_G
 ClientSampled :
 S1-0-3FT-COMP

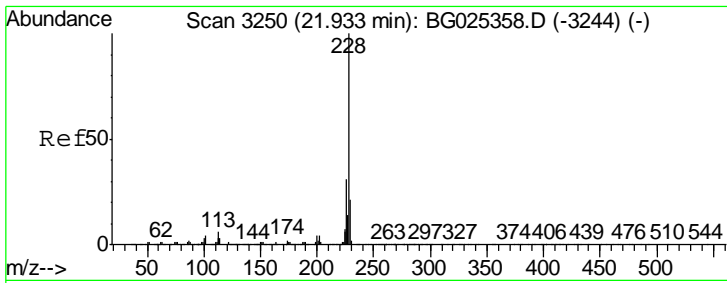
Tgt Ion	Resp	Lower	Upper
244	1581522		
212	9.6	10.0	15.0#
122	7.5	8.6	12.8#



#80
 Benzo(a)anthracene
 Concen: 3.32 ng
 RT: 21.82 min Scan# 3231
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
228	131954		
226	27.1	24.9	37.3
229	20.7	18.2	27.2

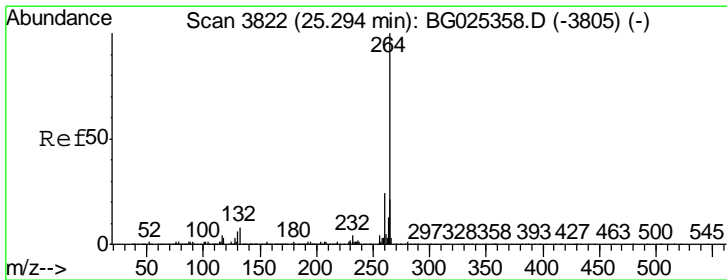
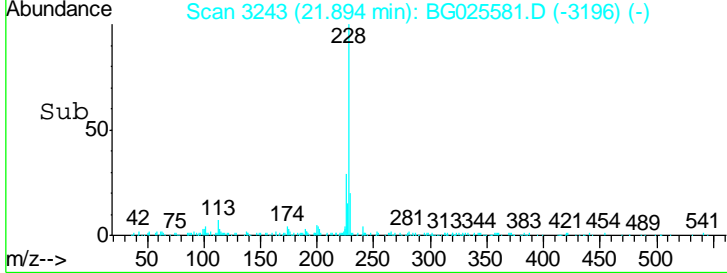
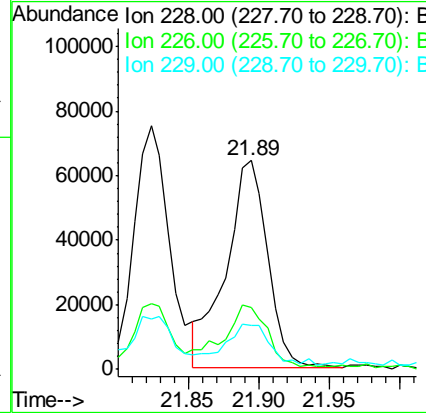
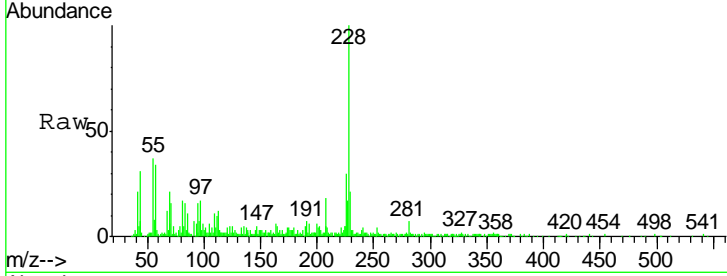




#82
 Chrysene
 Concen: 3.45 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

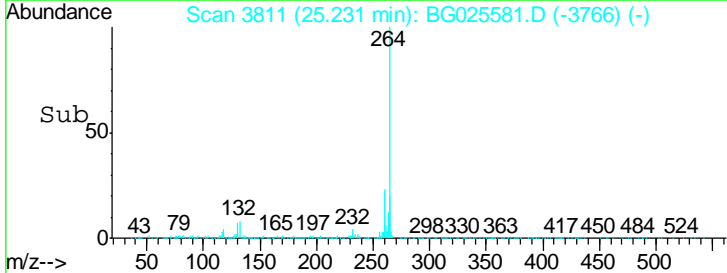
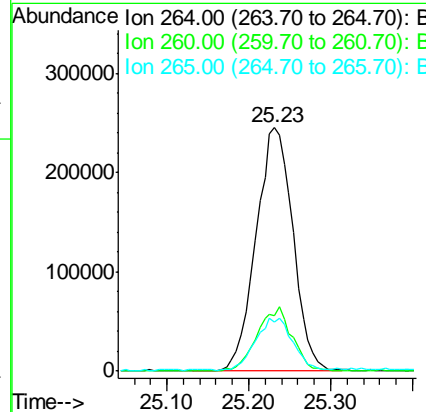
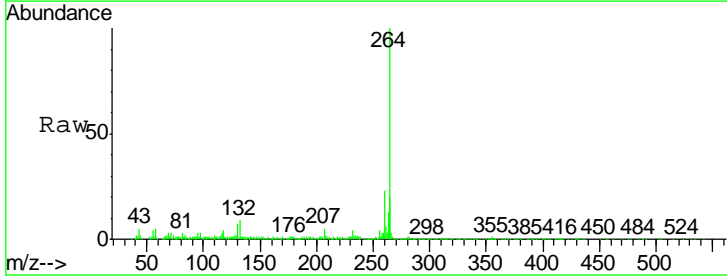
Instrument :
 BNA_G
 ClientSampled :
 S1-0-3FT-COMPRE

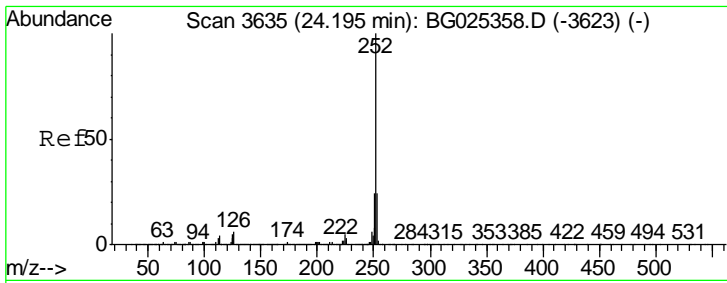
Tgt Ion	Resp	Lower	Upper
228	131483		
226	29.9	27.0	40.4
229	21.3	17.8	26.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3811
 Delta R.T. -0.03 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
264	766991		
260	22.8	21.8	32.8
265	20.2	18.2	27.4

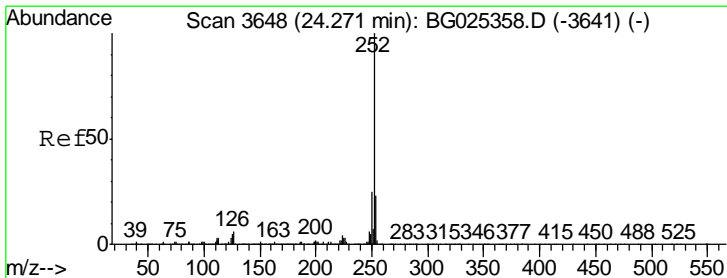
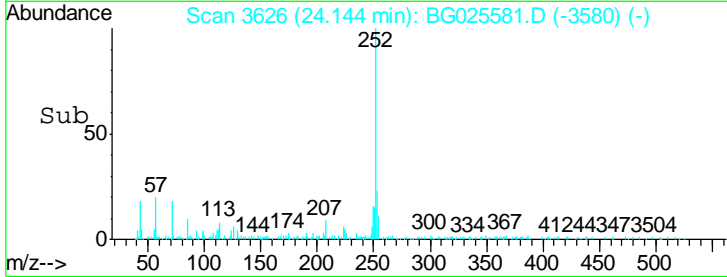
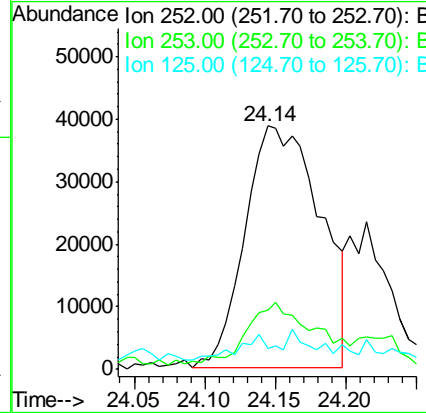
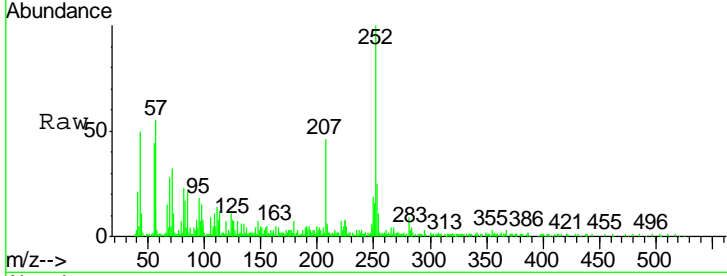




#87
 Benzo(b)fluoranthene
 Concen: 3.47 ng
 RT: 24.14 min Scan# 3626
 Delta R.T. -0.03 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

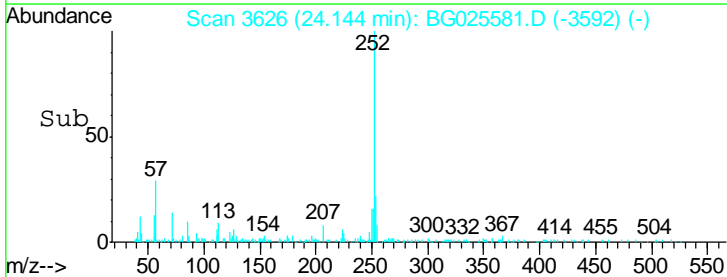
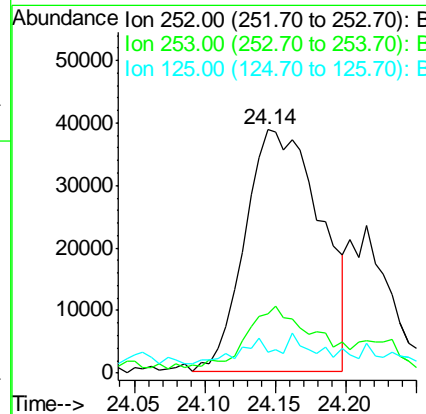
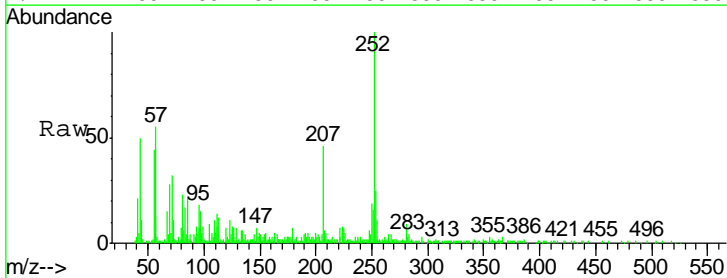
Instrument :
 BNA_G
 ClientSampleId :
 S1-0-3FT-COMPRE

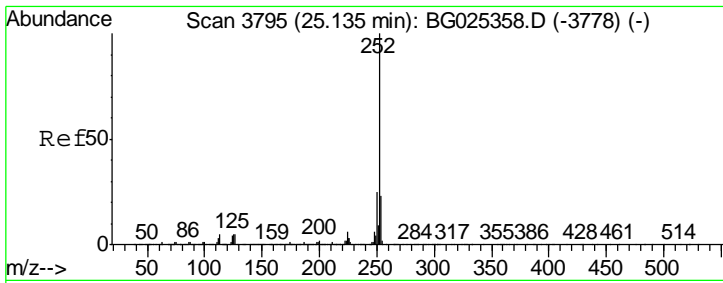
Tgt Ion	Resp	Lower	Upper
252	145124		
253	24.6	18.7	28.1
125	8.5	5.3	7.9#



#88
 Benzo(k)fluoranthene
 Concen: 3.59 ng
 RT: 24.14 min Scan# 3626
 Delta R.T. -0.10 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Tgt Ion	Resp	Lower	Upper
252	145124		
253	24.6	20.2	30.2
125	8.5	5.1	7.7#





#89
 Benzo(a)pyrene
 Concen: 2.57 ng
 RT: 25.07 min Scan# 3784
 Delta R.T. -0.03 min
 Lab File: BG025581.D
 Acq: 21 Jan 2017 20:05

Instrument :
 BNA_G
ClientSampleId :
 S1-0-3FT-COMP

Tgt Ion	Resp	Lower	Upper
252	103845		
253	21.1	19.2	28.8
125	12.6	5.4	8.0#

