

Quantitation Report (QT Reviewed)

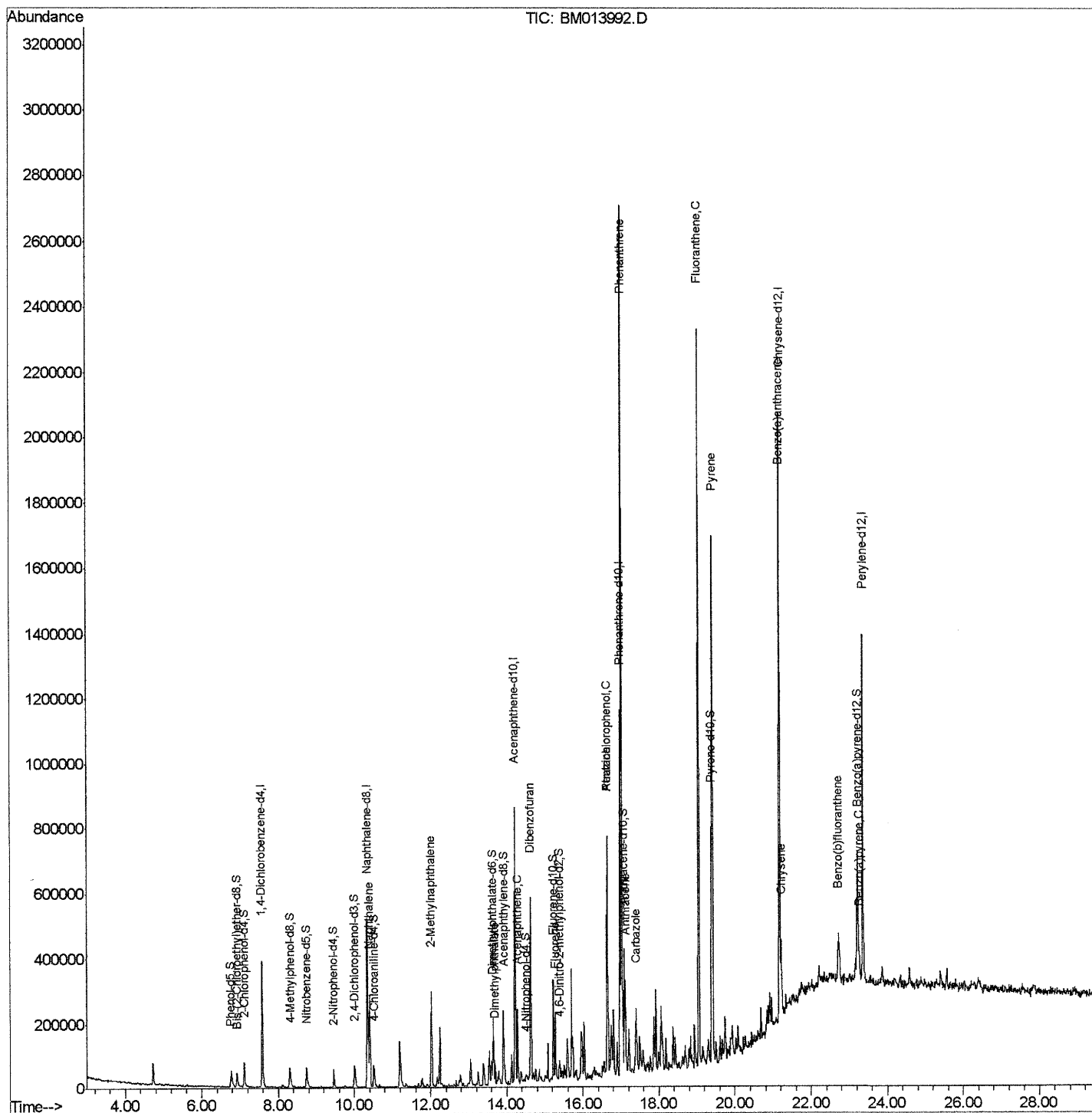
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013992.D
 Acq On : 30 Jan 2018 11:54
 Operator : SJ/JU
 Sample : J1243-08DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B31DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:35:10 PM

Quant Time: Jan 30 13:33:35 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

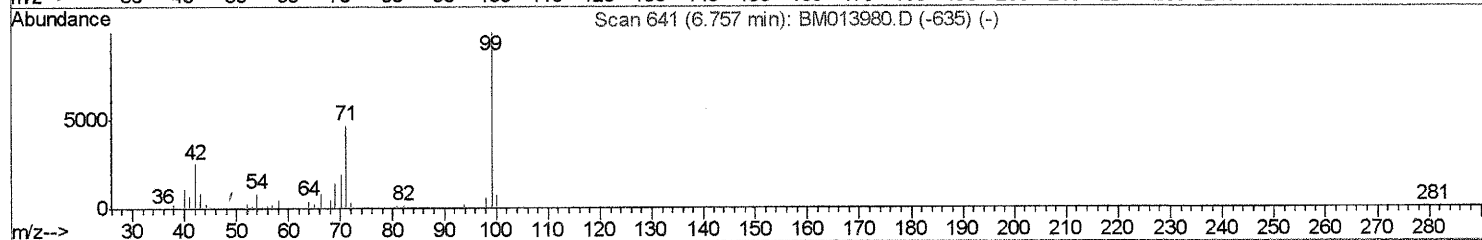
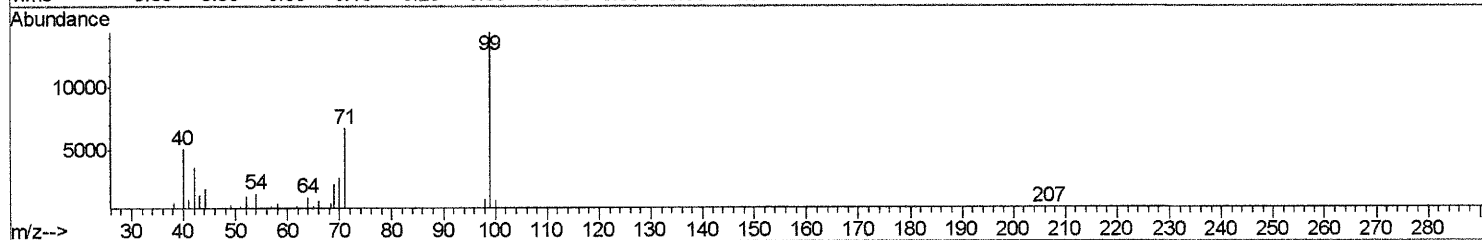
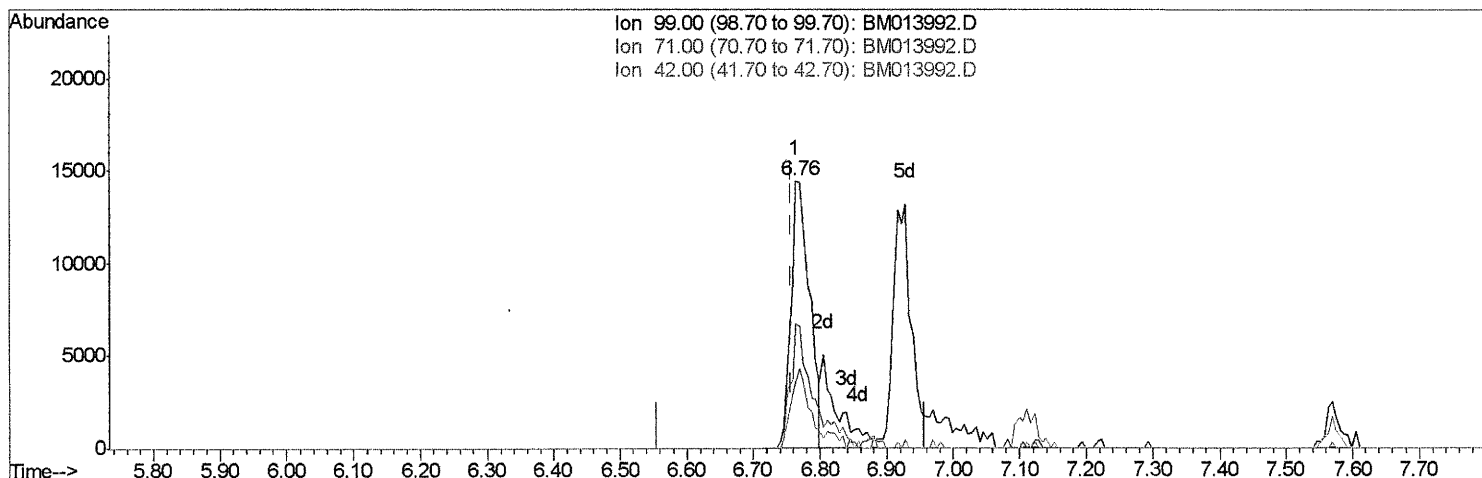
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TIC: BM013992.D

(5) Phenol-d5 (S)

6.763min (+0.006) 3.77ng/ul

response 28425

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	46.32
42.00	24.20	24.96
0.00	0.00	0.00

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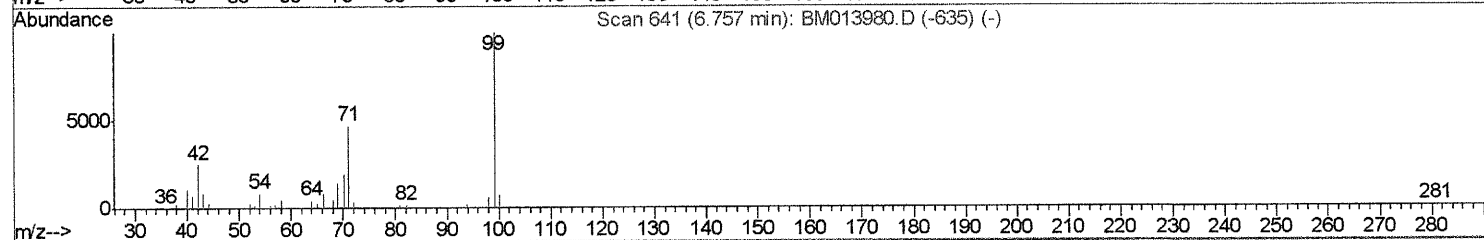
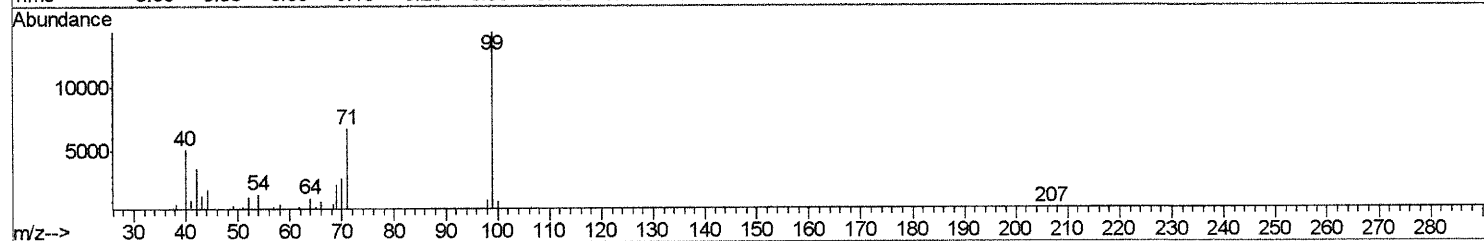
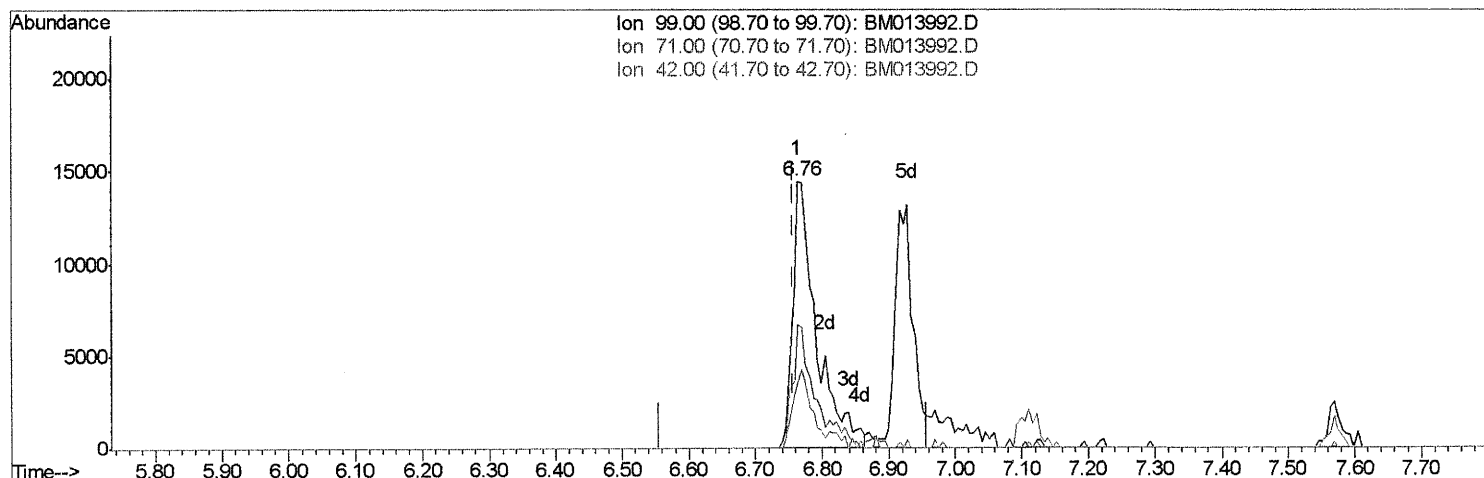
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(5) Phenol-d5 (S)

6.763min (+0.006) 4.78ng/ul m> SJ 2/1/18

response 36020

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	46.32
42.00	24.20	24.96
0.00	0.00	0.00

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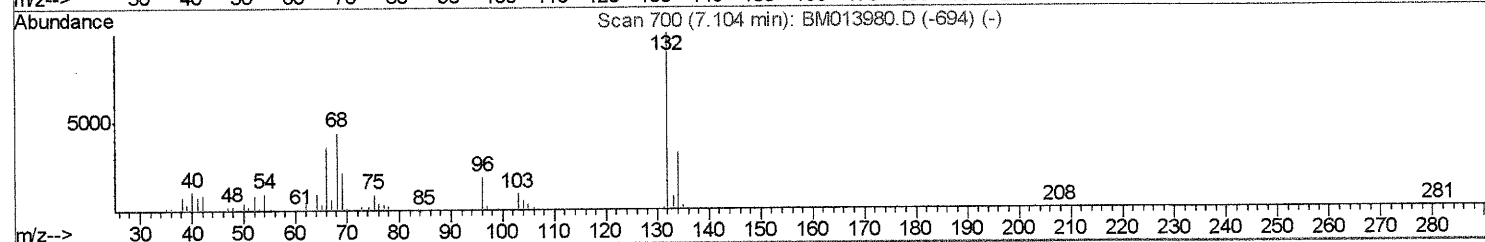
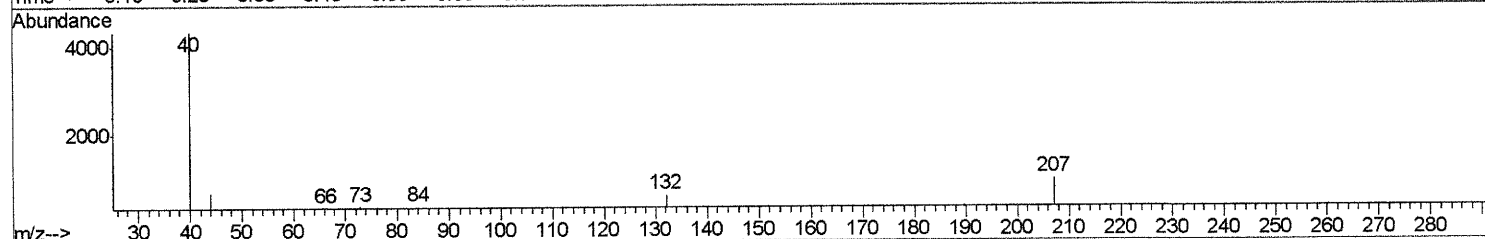
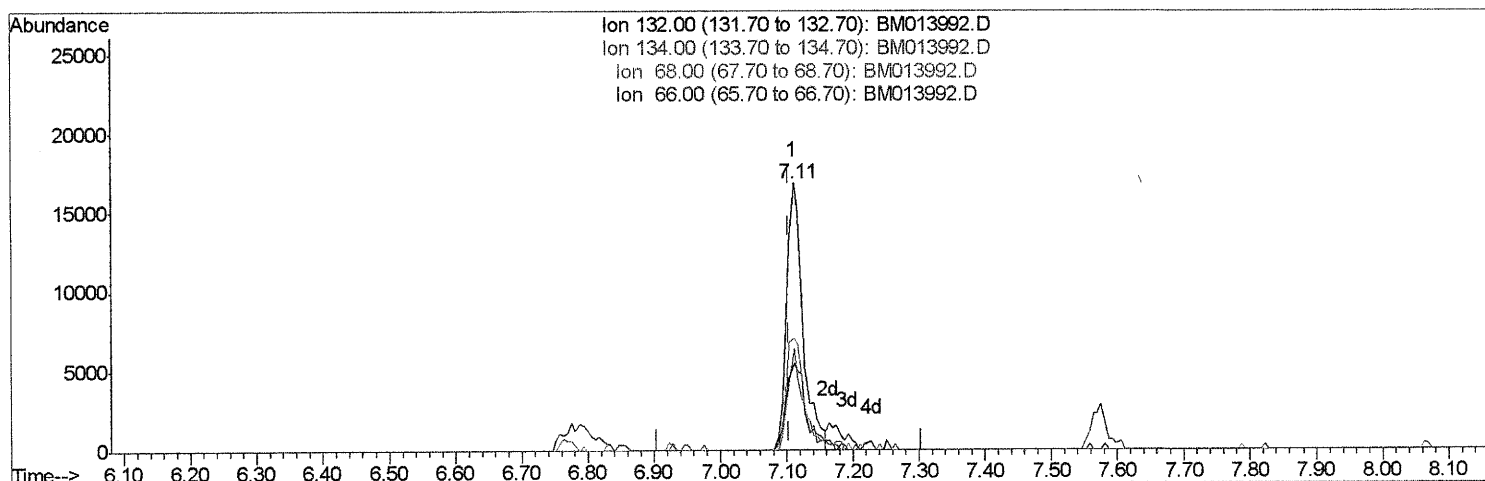
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(9) 2-Chlorophenol-d4 (S)

7.110min (+0.006) 4.68ng/ui

response 28769

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	37.92
68.00	51.20	41.96
66.00	41.70	32.27#

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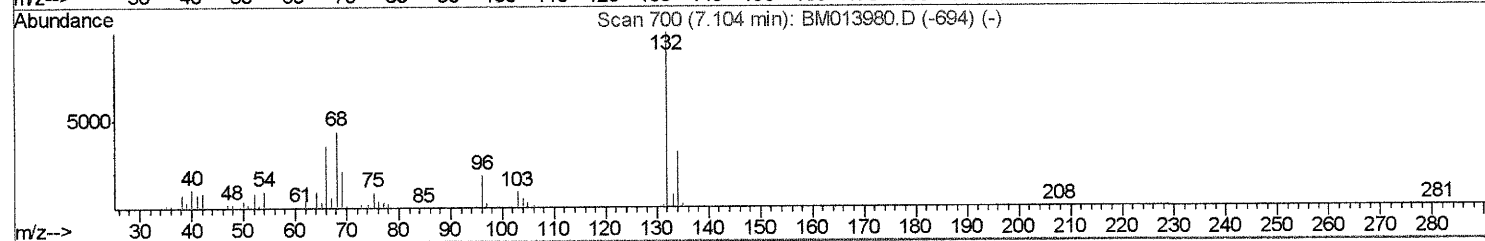
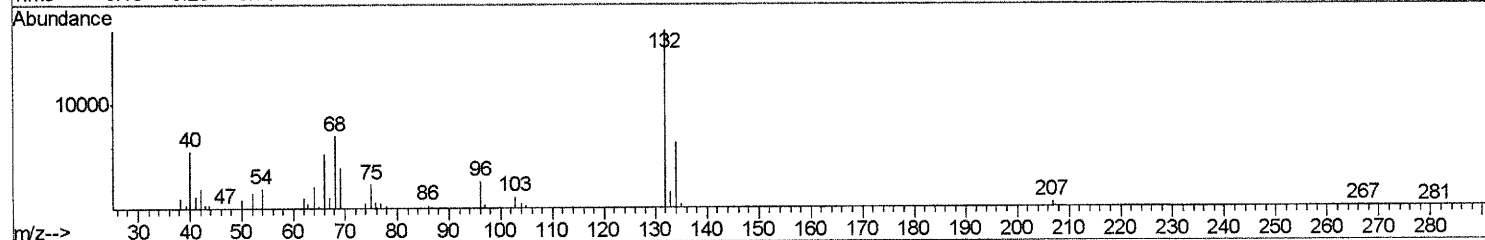
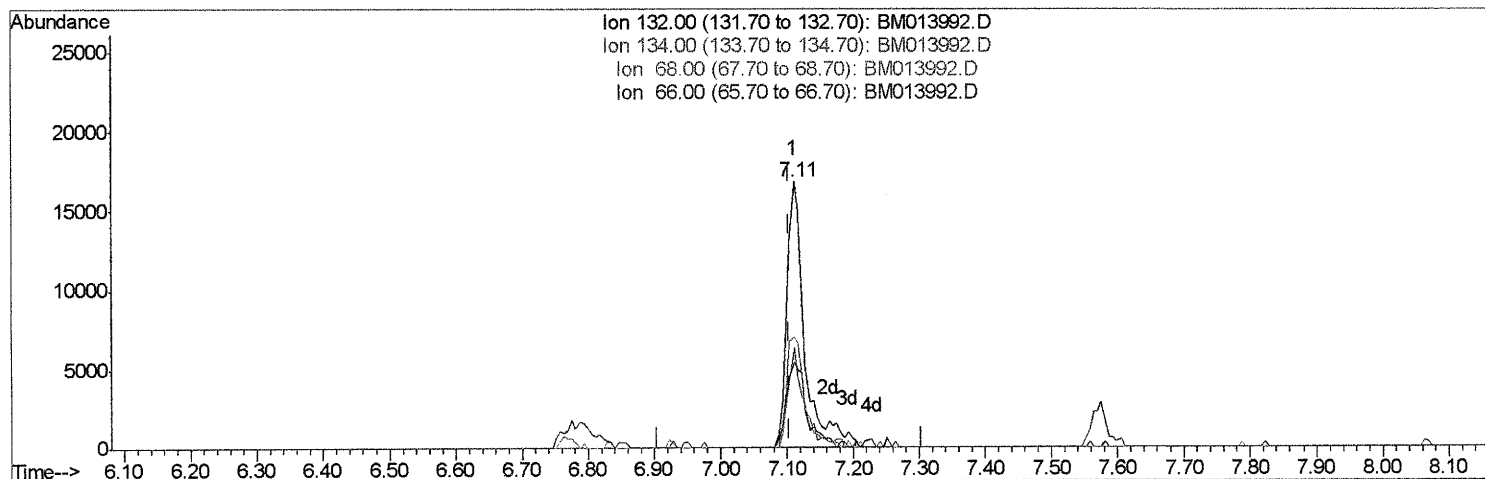
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(9) 2-Chlorophenol-d4 (S)

7.110min (+0.006) 5.15ng/ul m> SJ 2/6/18

response 31645

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	37.92
68.00	51.20	41.96
66.00	41.70	32.27#

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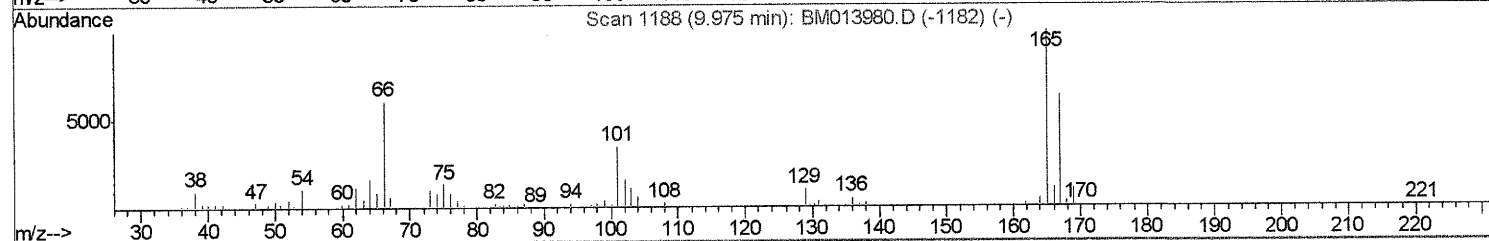
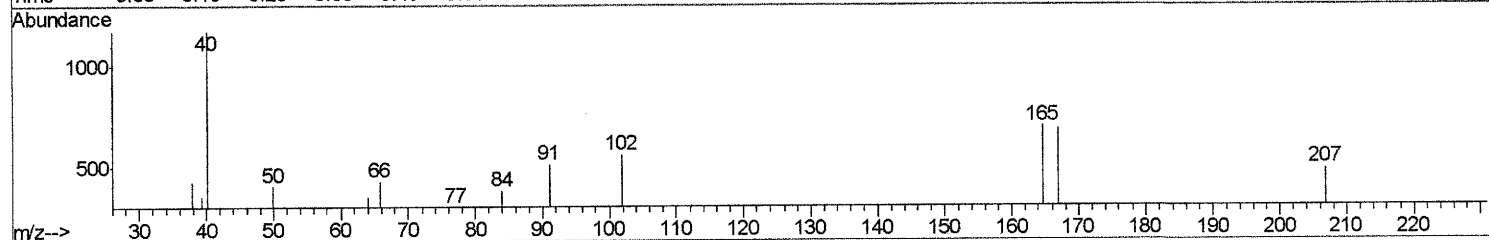
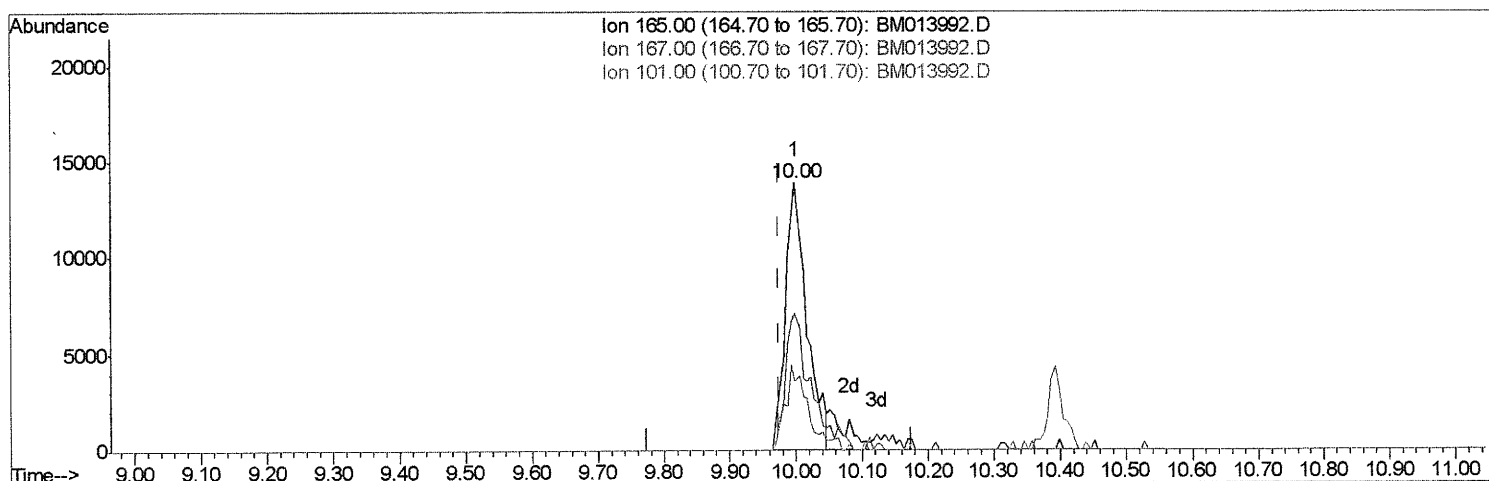
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(26) 2,4-Dichlorophenol-d3 (S)

9.998min (+0.024) 4.91ng/ul

response 31141

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	51.46
101.00	29.30	25.84
0.00	0.00	0.00

Quantitation Report (Qedit)

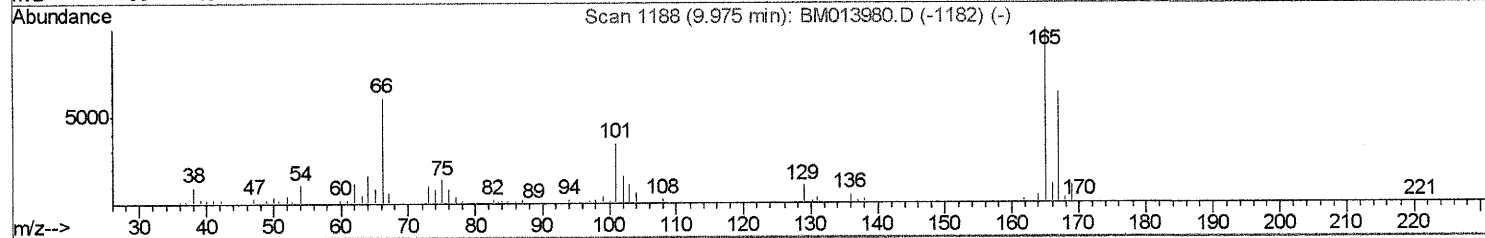
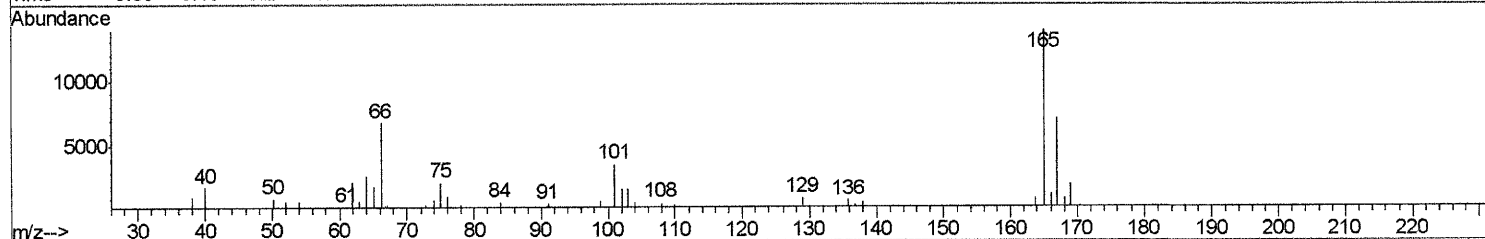
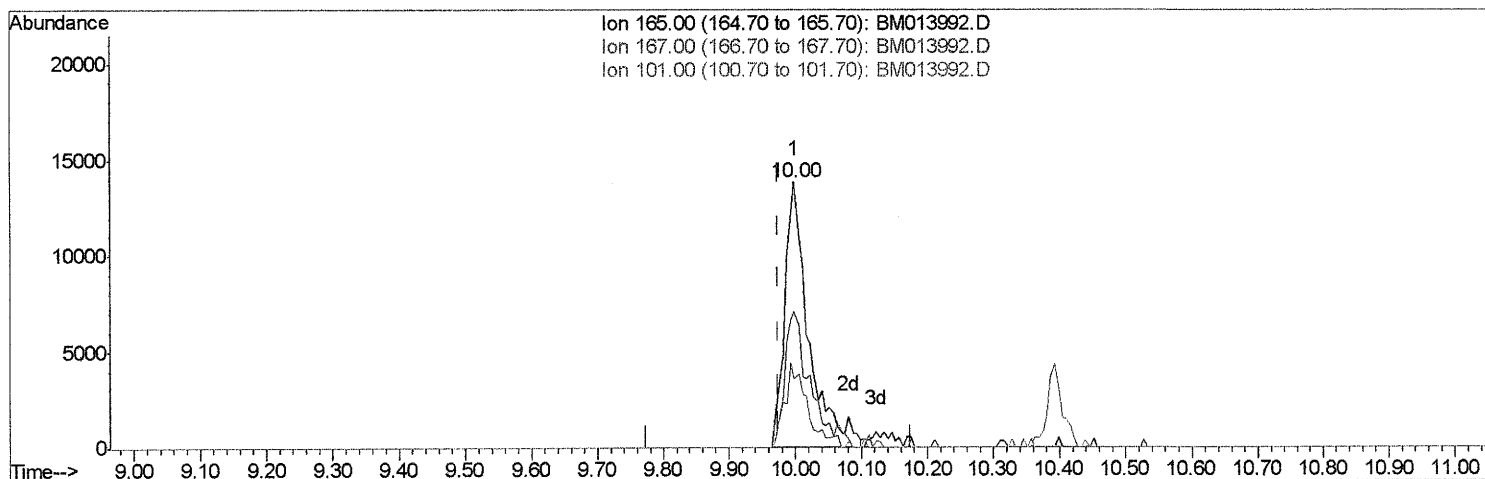
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 Misc :
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(26) 2,4-Dichlorophenol-d3 (S)

9.998min (+0.024) 5.45ng/ul m> SJ 2/18/18

response 34569

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	51.46
101.00	29.30	25.84
0.00	0.00	0.00

Quantitation Report (Qedit)

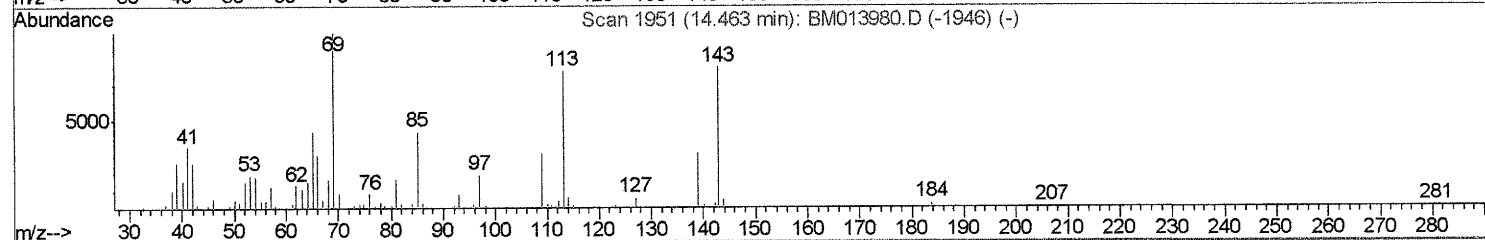
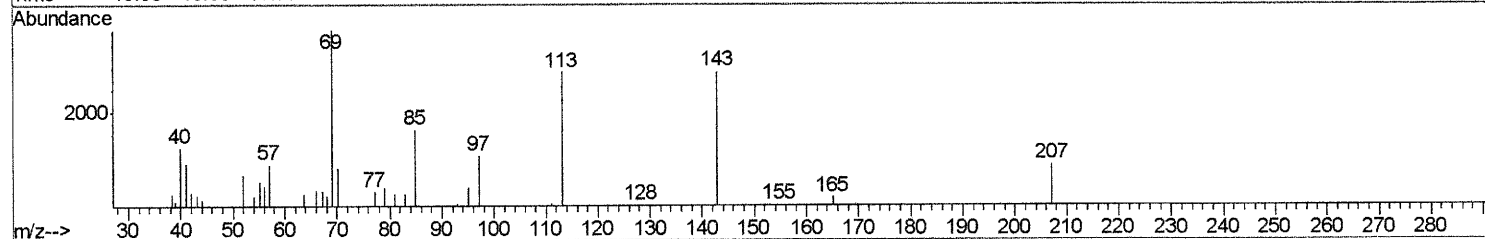
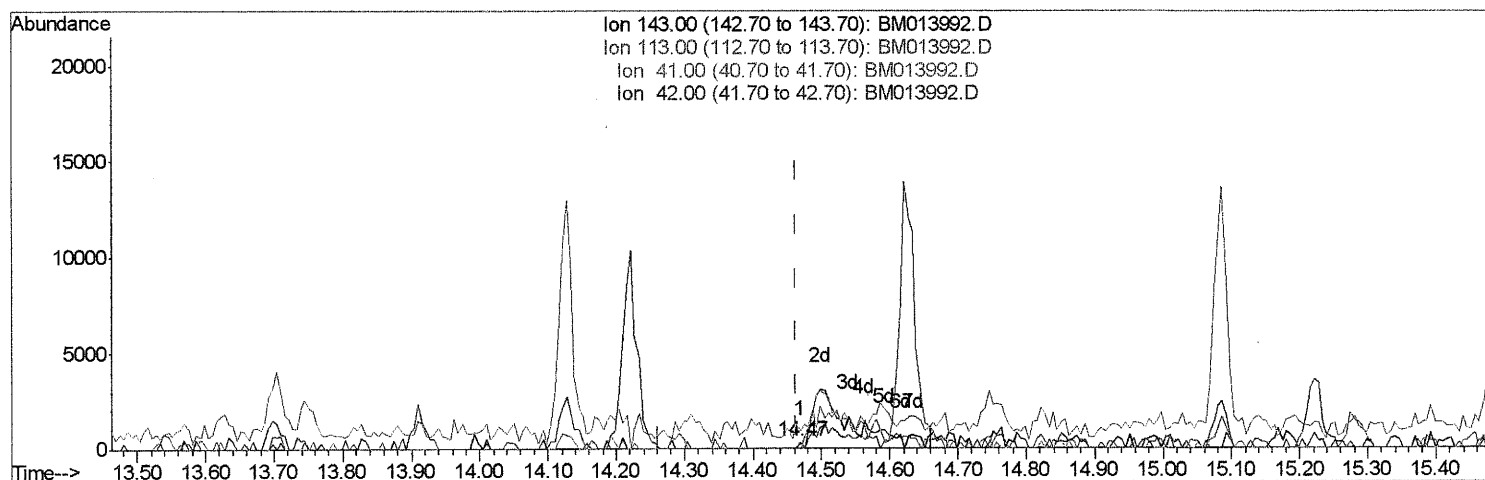
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(51) 4-Nitrophenol-d4 (S)

14.468min (+0.006) 0.03ng/ul

response 114

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	0.00#
41.00	34.80	300.00#
42.00	20.50	0.00#

Quantitation Report (Qedit)

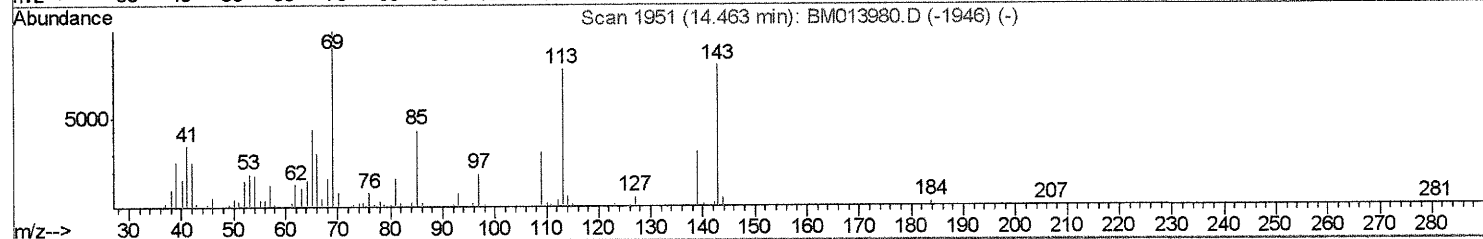
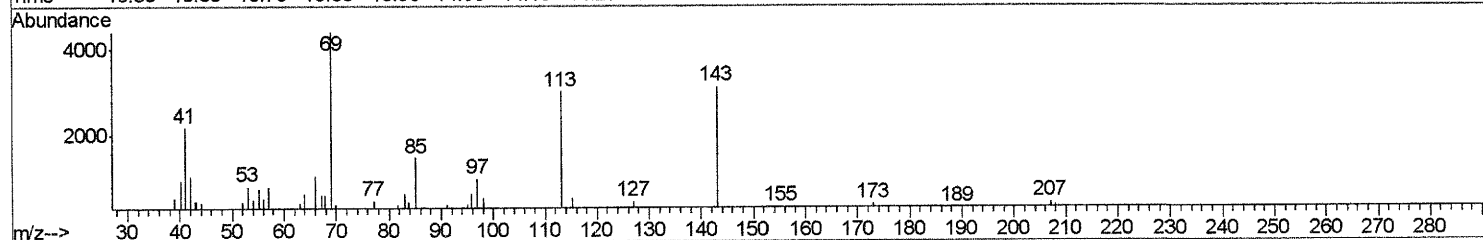
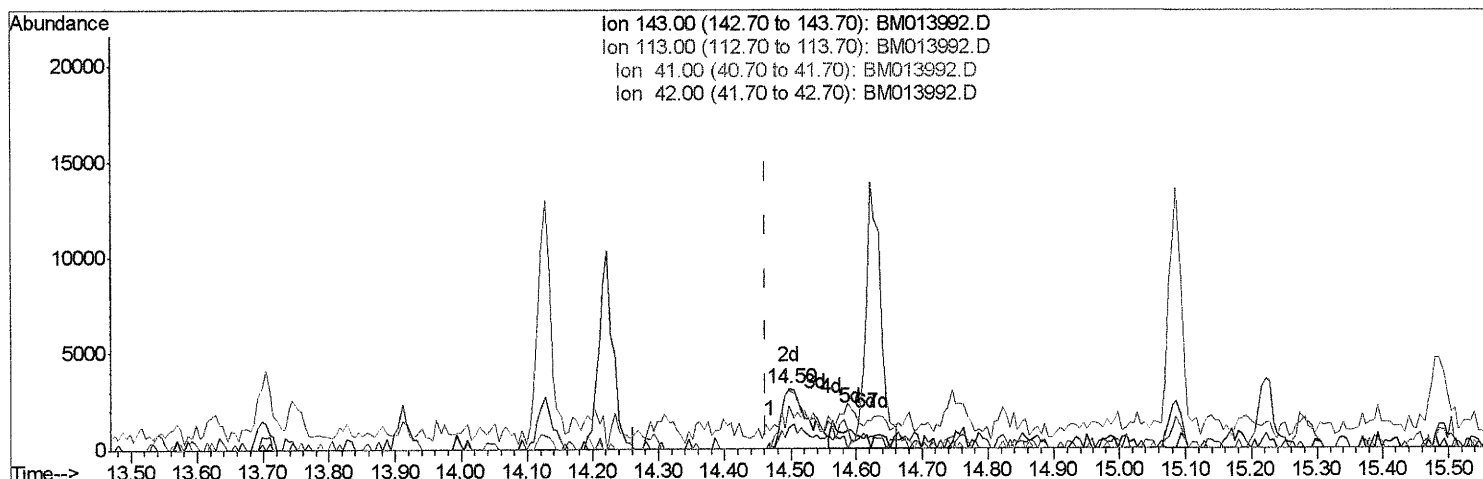
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 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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TIC: BM013992.D

(51) 4-Nitrophenol-d4 (S)

14.498min (+0.035) 2.56ng/ul m } SJ 2/8/18

response 8713

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	97.13
41.00	34.80	70.51#
42.00	20.50	34.42#

Quantitation Report (Qedit)

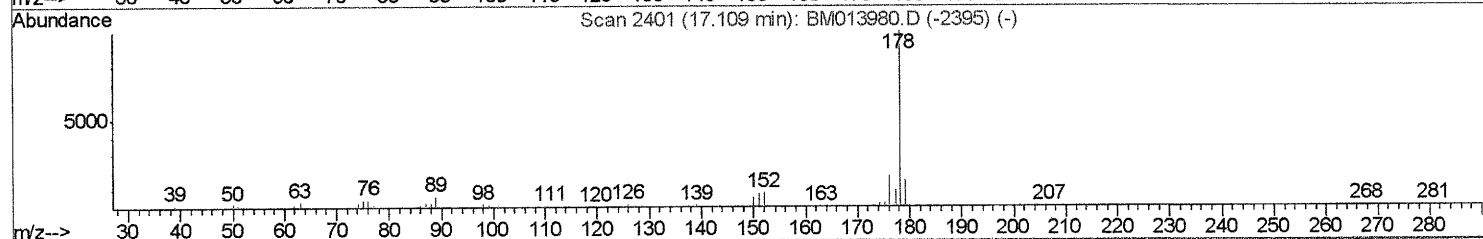
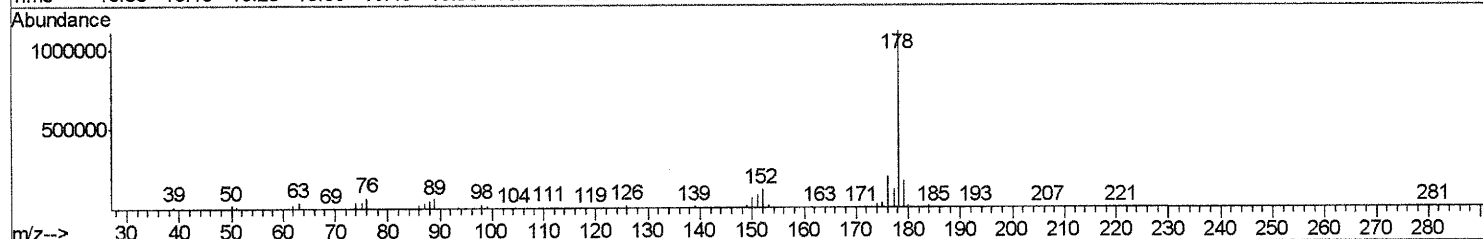
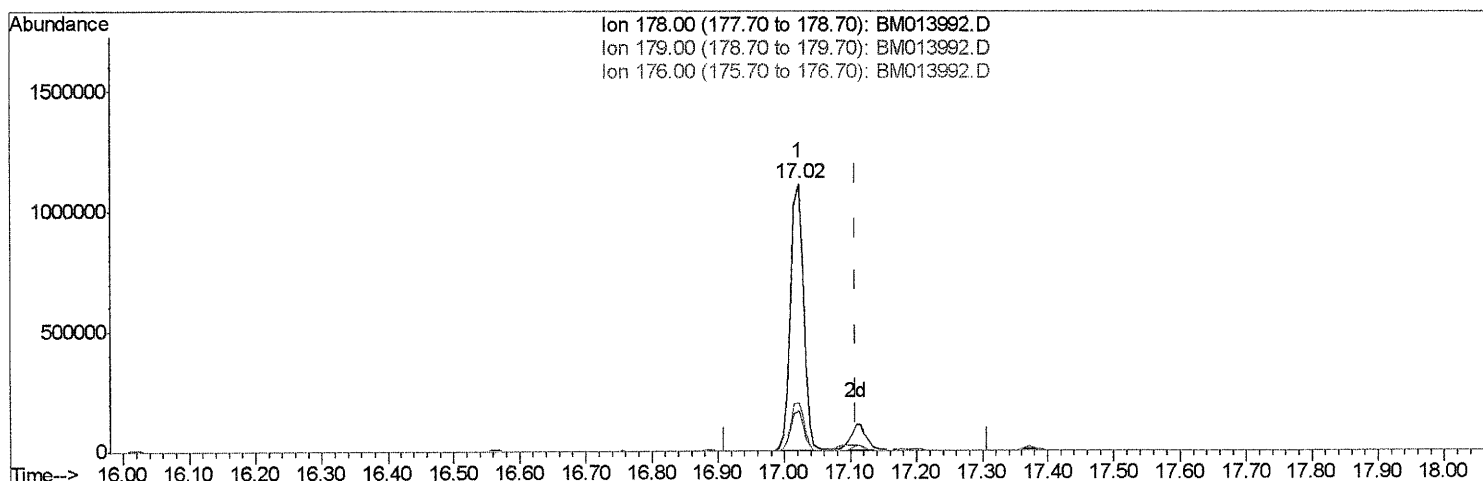
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(71) Anthracene

17.021min (-0.088) 42.52ng/ul

response 1528318

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	15.13
176.00	18.20	18.11
0.00	0.00	0.00

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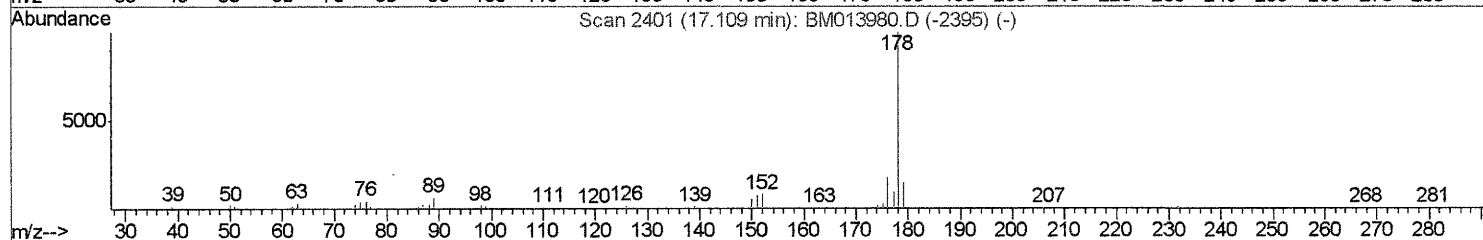
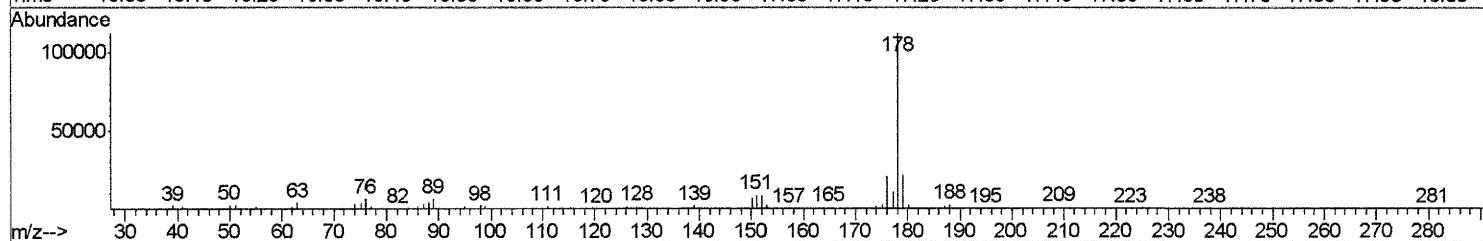
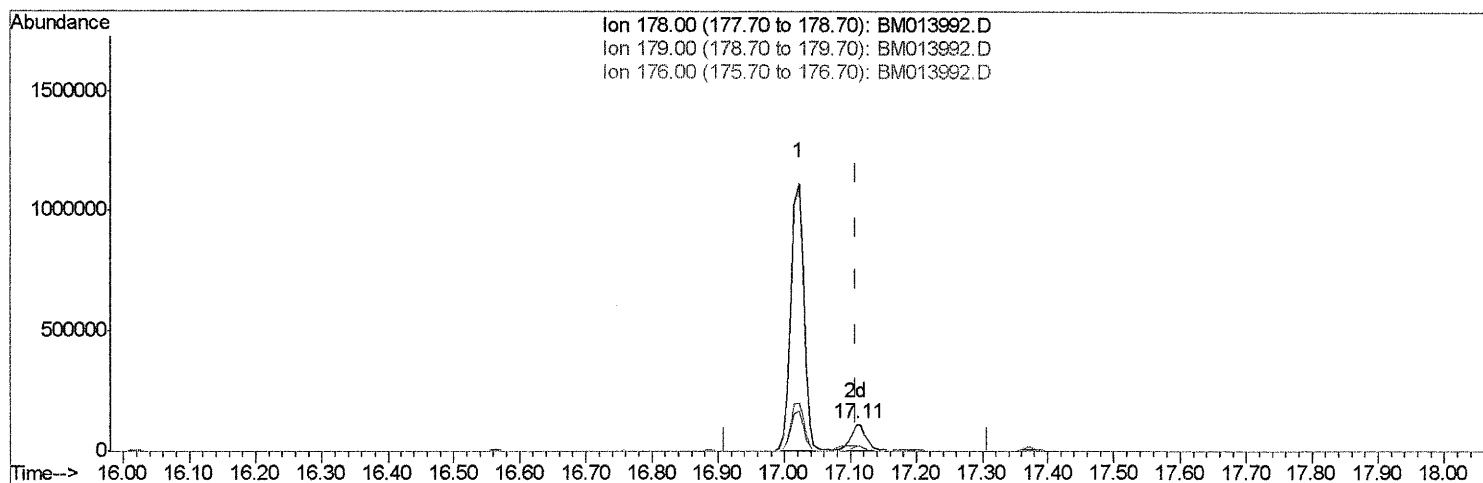
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(71) Anthracene

17.109min (+0.000) 5.33ng/ul m> 51 2/8/18

response 191649

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	19.37#
176.00	18.20	18.89
0.00	0.00	0.00

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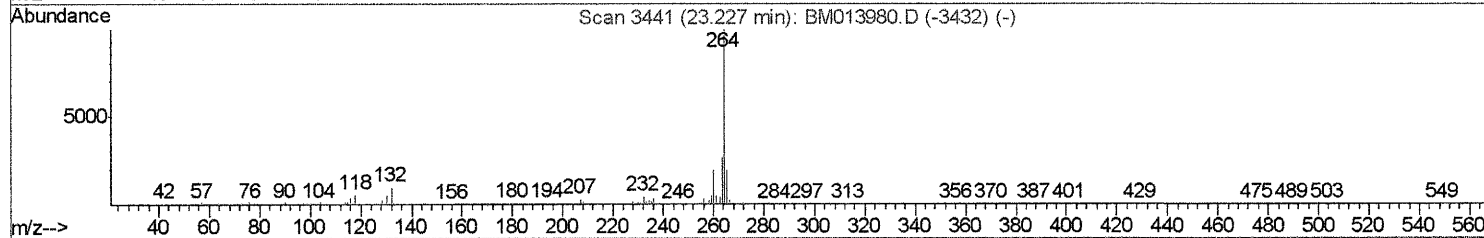
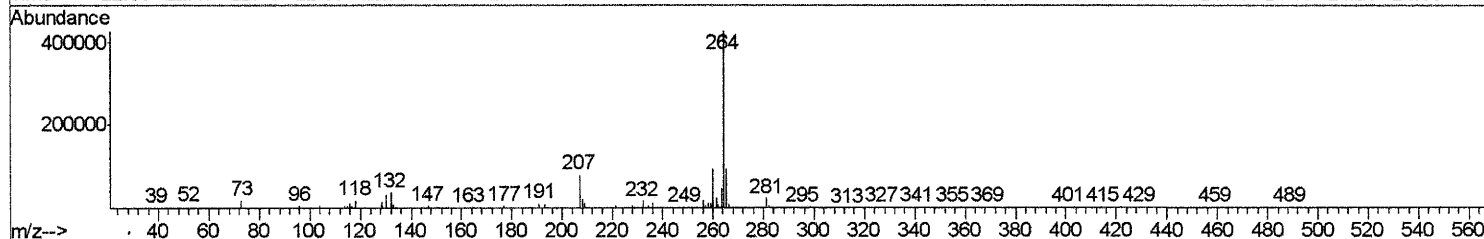
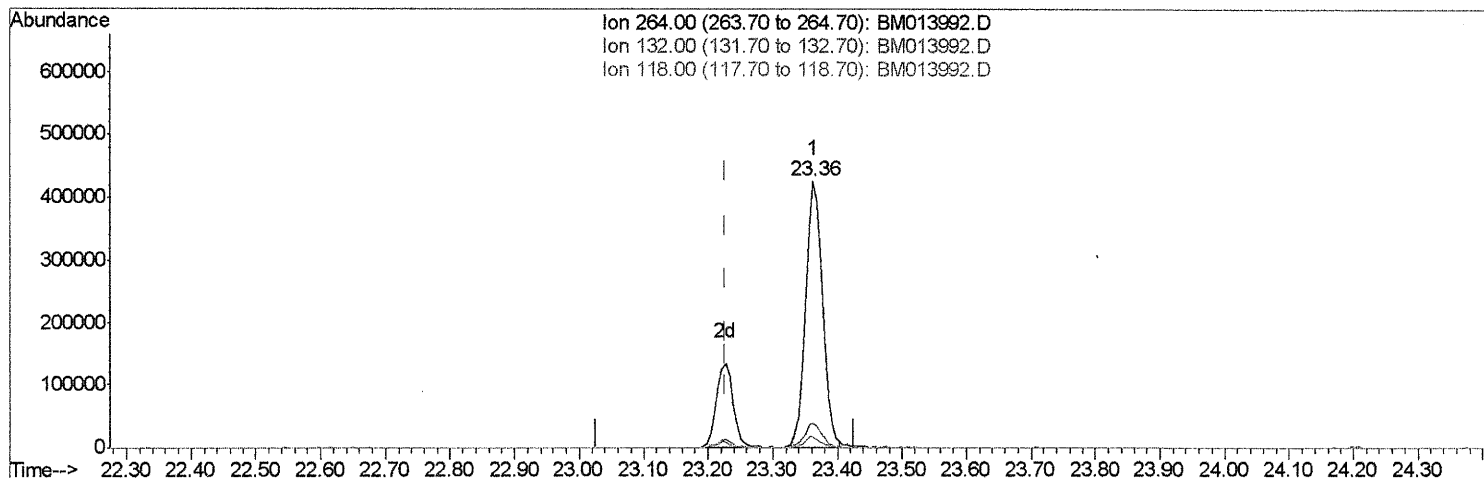
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(87) Benzo(a)pyrene-d12 (S)

23.362min (+0.135) 21.65ng/ul

response 786264

Ion	Exp%	Act%
264.00	100	100
132.00	7.70	8.90
118.00	5.30	4.29
0.00	0.00	0.00

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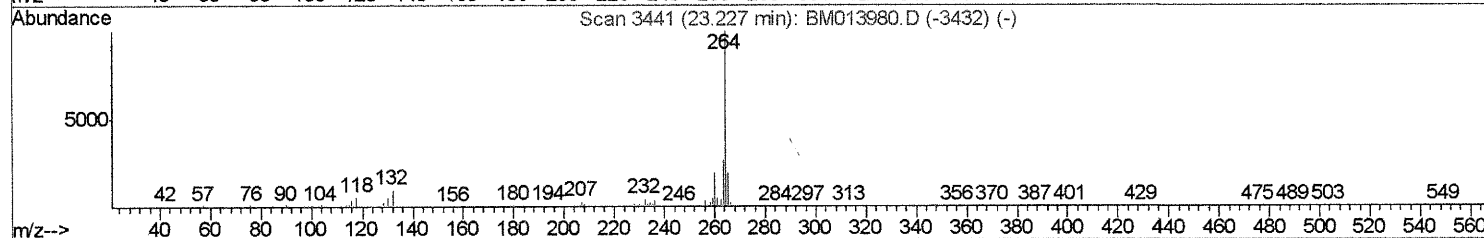
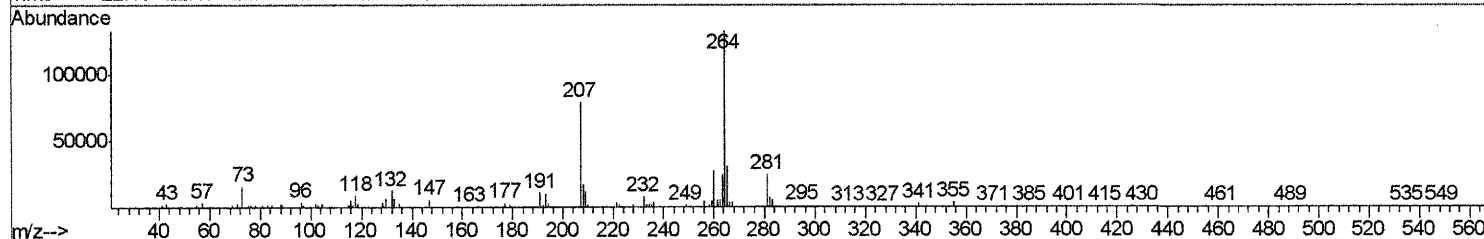
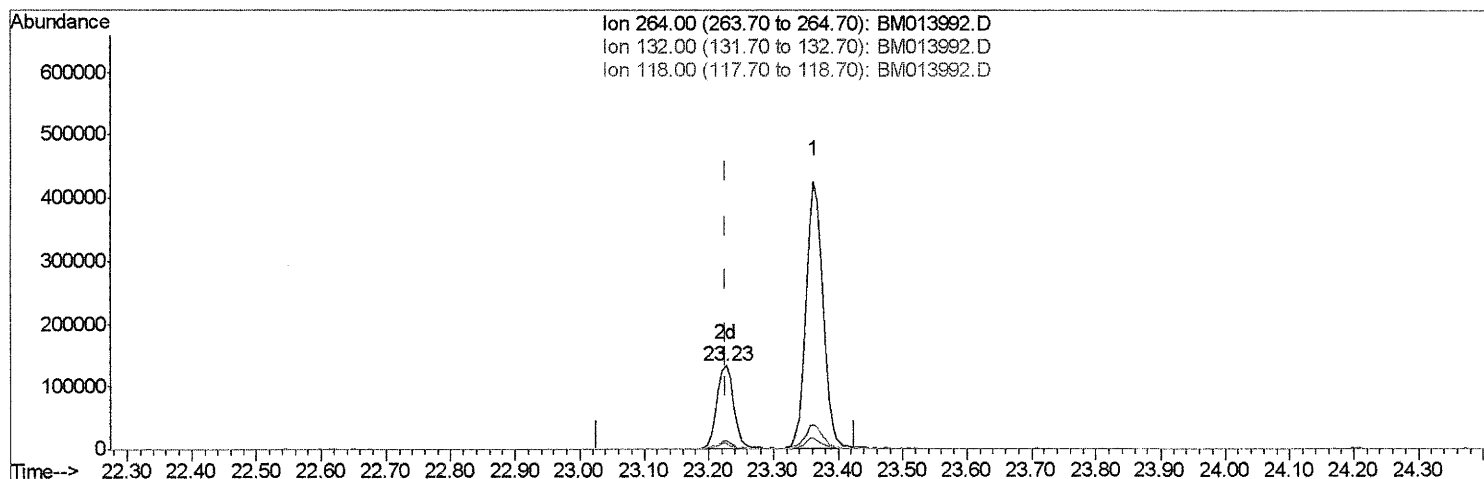
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(87) Benzo(a)pyrene-d12 (S)

23.227min (+0.000) 6.63ng/ul m > SJ 2/8/18

response 240928

Ion	Exp%	Act%
264.00	100	100
132.00	7.70	9.73#
118.00	5.30	6.95#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	98265	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	400674	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	253709	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	626927	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	807473	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	790092	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	1917	0.77	ng/uL	0.01
5) Phenol-d5	6.76	99	36020m	4.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	19778	4.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	31645m	5.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	29892	5.15	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	14731	4.74	ng/ul	0.01
22) 2-Nitrophenol-d4	9.46	143	15329	4.67	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.00	165	34569m	5.45	ng/ul	0.02
29) 4-Chloroaniline-d4	10.51	131	29488	5.36	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	124314	5.95	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	151355	5.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	8713m	2.56	ng/ul	0.04
57) Fluorene-d10	15.22	176	115119	6.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	12897	3.42	ng/ul	0.01
70) Anthracene-d10	17.07	188	183922	6.02	ng/ul	0.00
76) Pyrene-d10	19.38	212	242038	6.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	240928m	6.63	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.39	128	211554	10.613	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	137166	9.230	ng/ul	100
44) Dimethylphthalate	13.69	163	24308	1.182	ng/ul	98
49) Acenaphthene	14.29	153	86956	5.146	ng/ul	98
53) Dibenzofuran	14.63	168	323971	12.745	ng/ul	97
58) Fluorene	15.28	166	87677	4.211	ng/ul#	98
67) Atrazine	16.63	200	14904	2.025	ng/ul#	39
68) Pentachlorophenol	16.64	266	102446	24.188	ng/ul	94
69) Phenanthrene	17.02	178	1528318	43.856	ng/ul	99
71) Anthracene	17.11	178	191649m	5.332	ng/ul	
72) Carbazole	17.39	167	105623	3.560	ng/ul#	97
74) Fluoranthene	19.04	202	1327662	31.917	ng/ul#	96
77) Pyrene	19.41	202	976377	19.890	ng/ul	97
80) Benzo(a)anthracene	21.17	228	170148	3.487	ng/ul	99
82) Chrysene	21.22	228	144400	3.226	ng/ul	99
85) Benzo(b)fluoranthene	22.71	252	101533	2.093	ng/ul#	95
88) Benzo(a)pyrene	23.27	252	46337	1.011	ng/ul	94

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