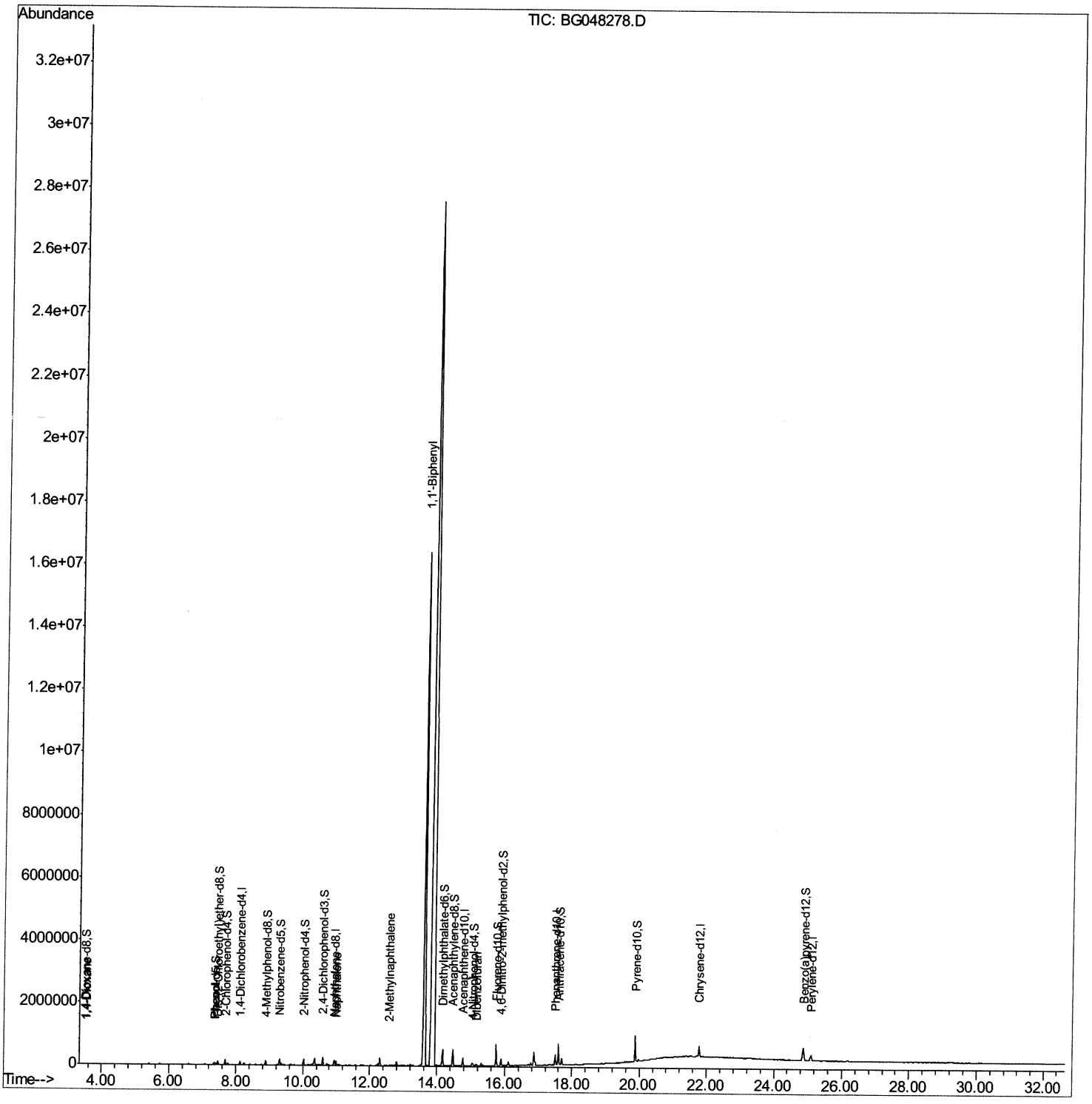
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048278.D
Acq On : 22 Feb 2021 21:27
Operator : CG/JU
Sample : M1429-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 23 01:18:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 11:08:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGS1

Manual Integrations APPROVED
mohammad
2/23/2021 3:42:57 PM



Quantitation Report (Qedit)

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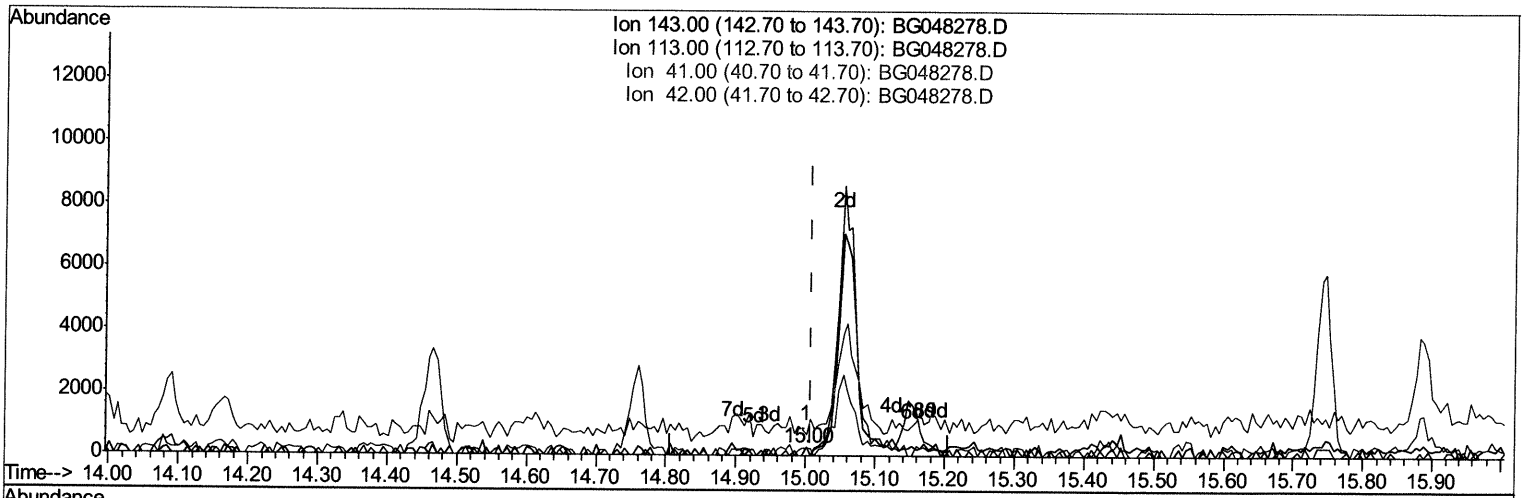

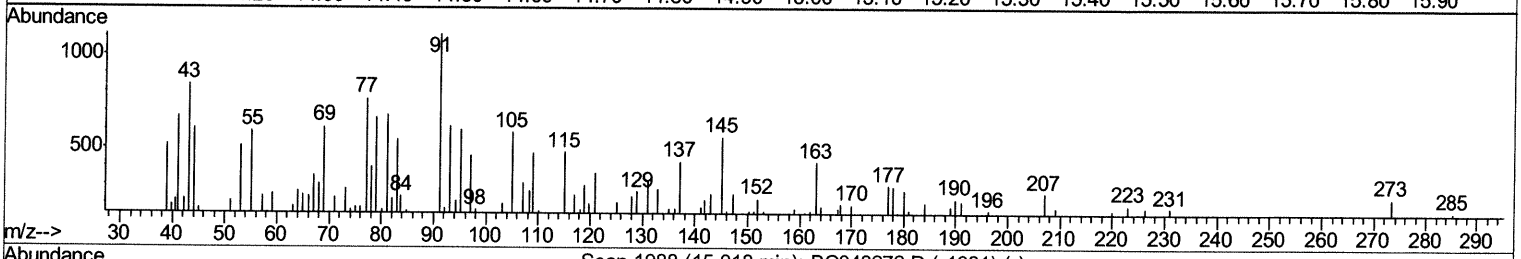

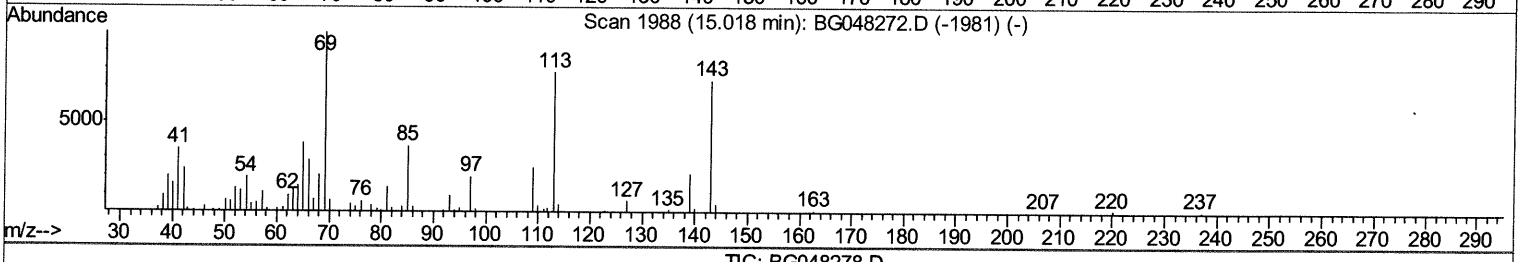

TIC: BG048278.D

(52) 4-Nitrophenol-d4 (S)

15.001min (-0.006) 0.08ng/ul

response 91

Ion	Exp%	Act%
143.00	100	100
113.00	101.70	0.00#
41.00	46.20	261.87#
42.00	27.90	89.49#

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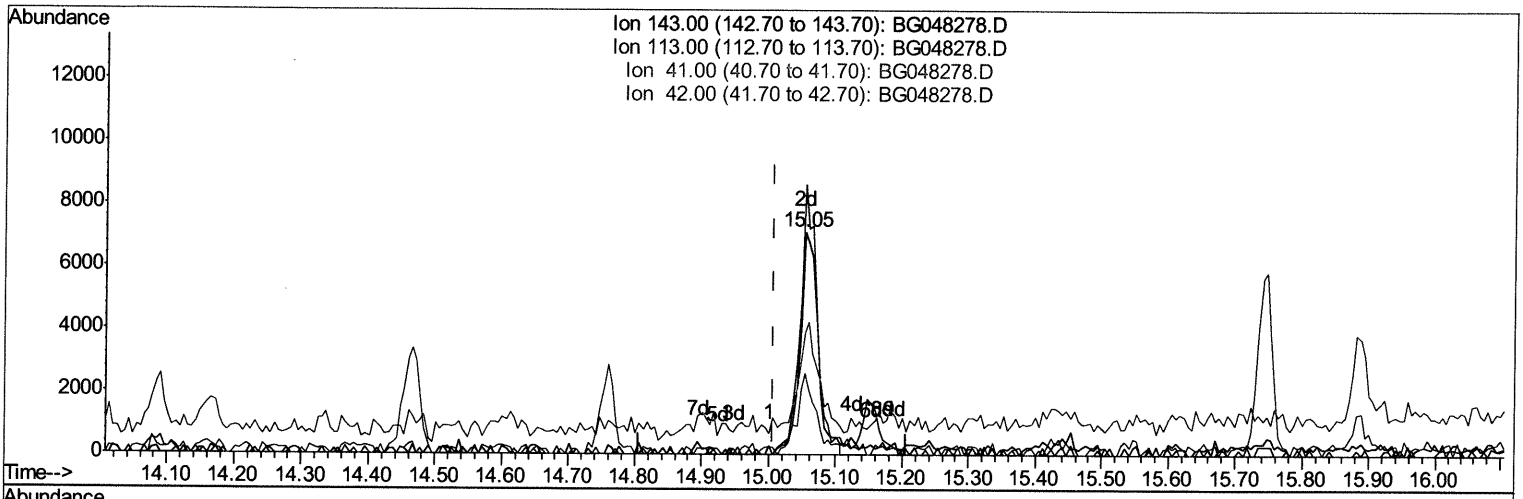

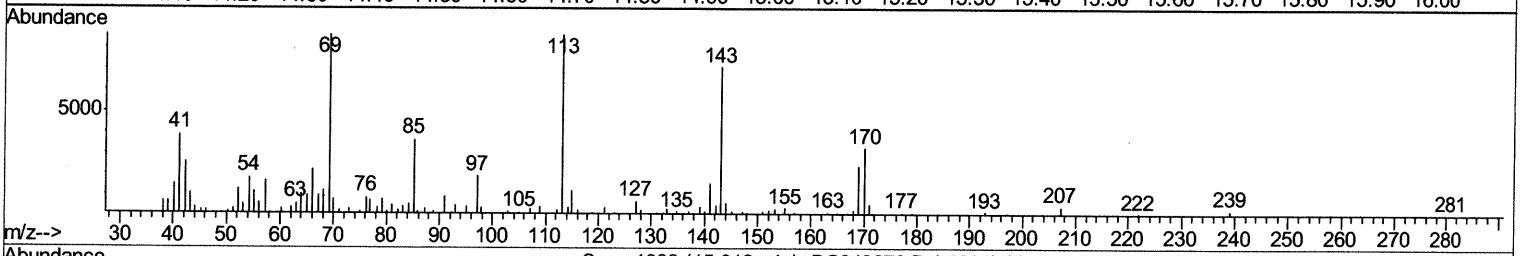

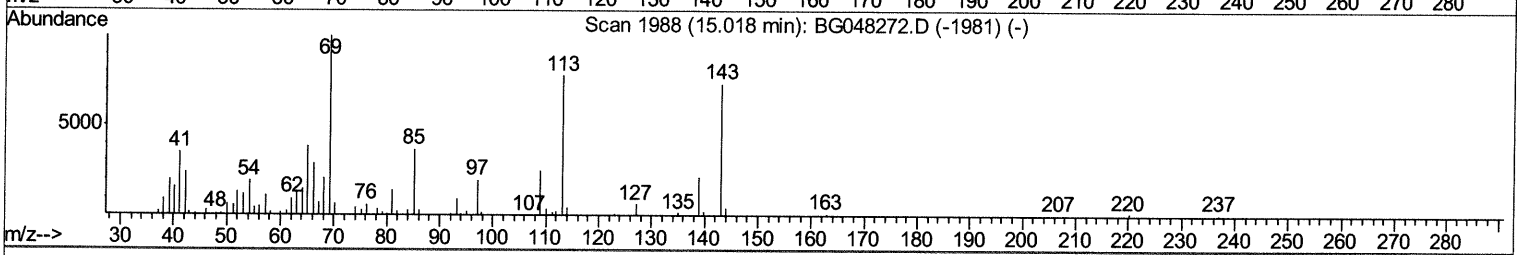

TIC: BG048278.D

(52) 4-Nitrophenol-d4 (S)

15.053min (+0.047) 11.40ng/ul m 02/24/21JU

response 13283

Ion	Exp%	Act%
143.00	100	100
113.00	101.70	121.33
41.00	46.20	54.76
42.00	27.90	36.46#

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Quant Time: Feb 23 01:13:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
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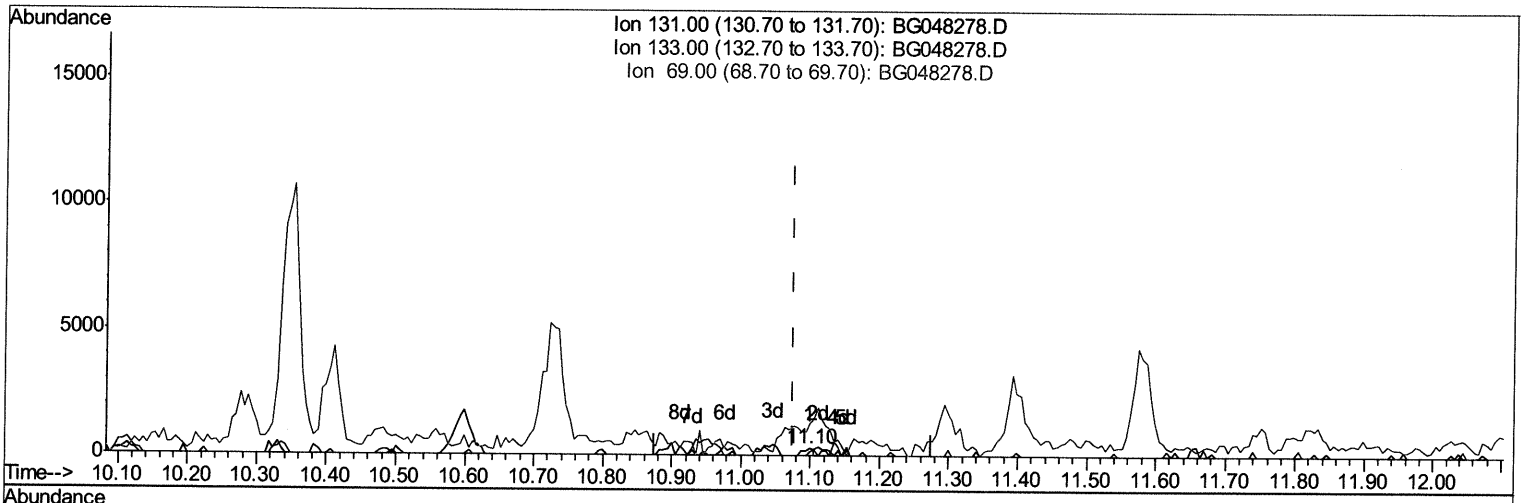

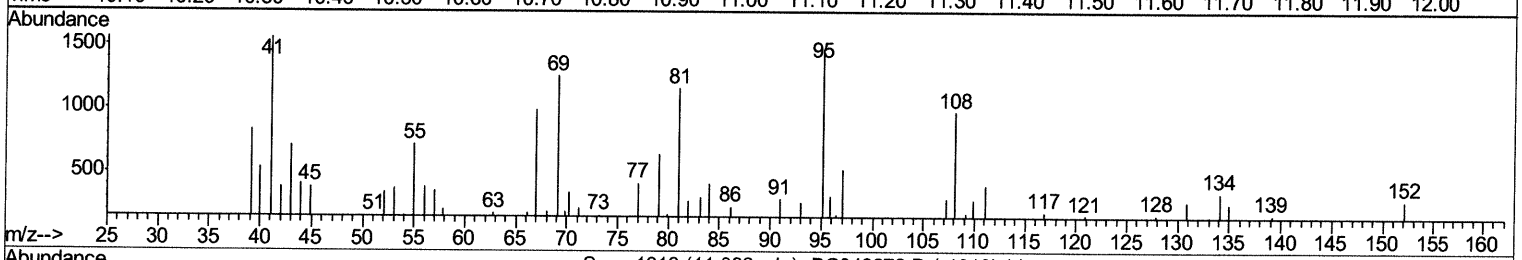

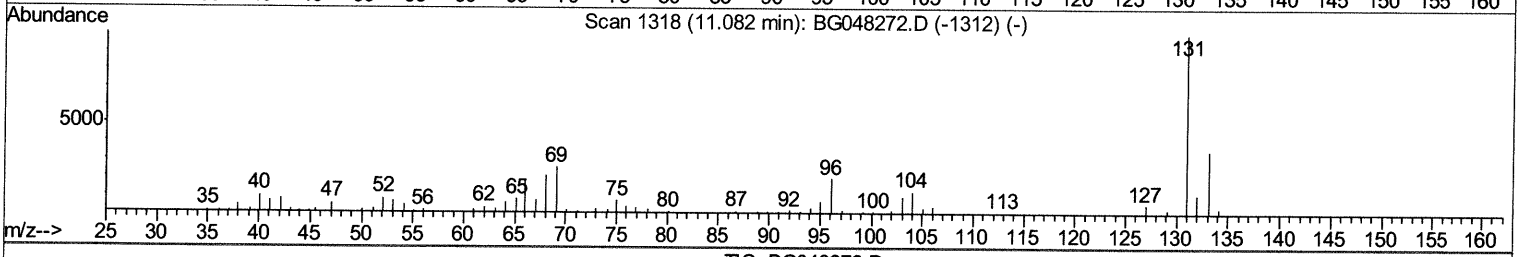

TIC: BG048278.D

(29) 4-Chloroaniline-d4 (S)

11.099min (+0.023) 0.14ng/ul

response 319

Ion	Exp%	Act%
131.00	100	100
133.00	31.20	59.27#
69.00	22.50	458.91#
0.00	0.00	0.00

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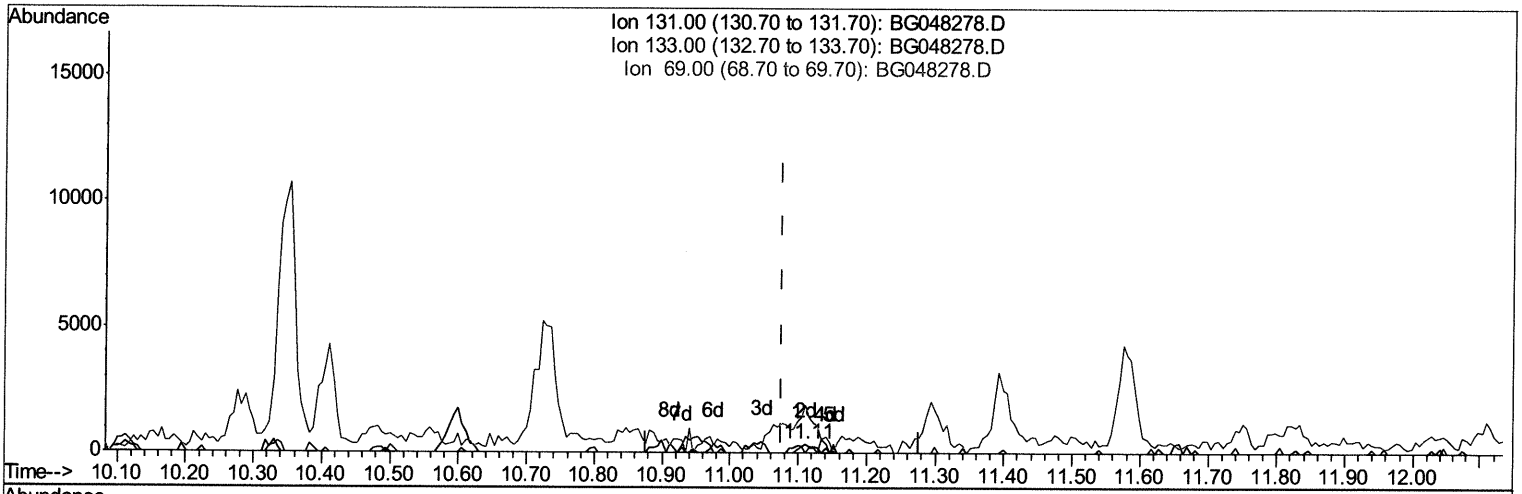

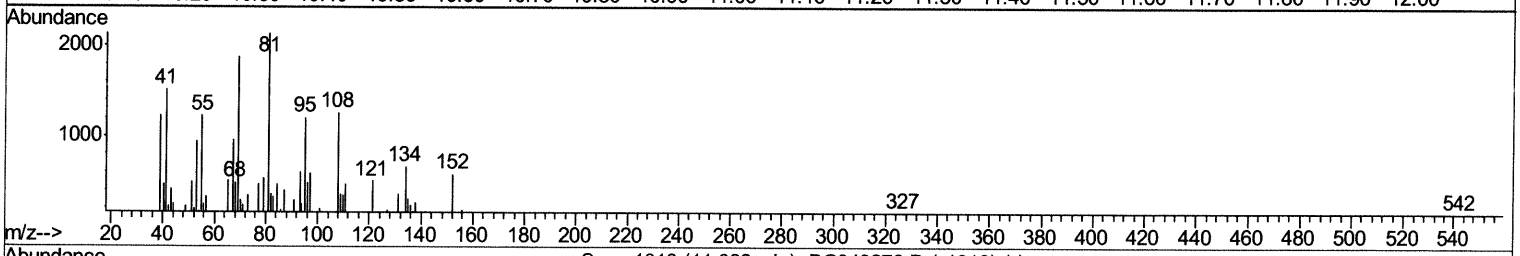

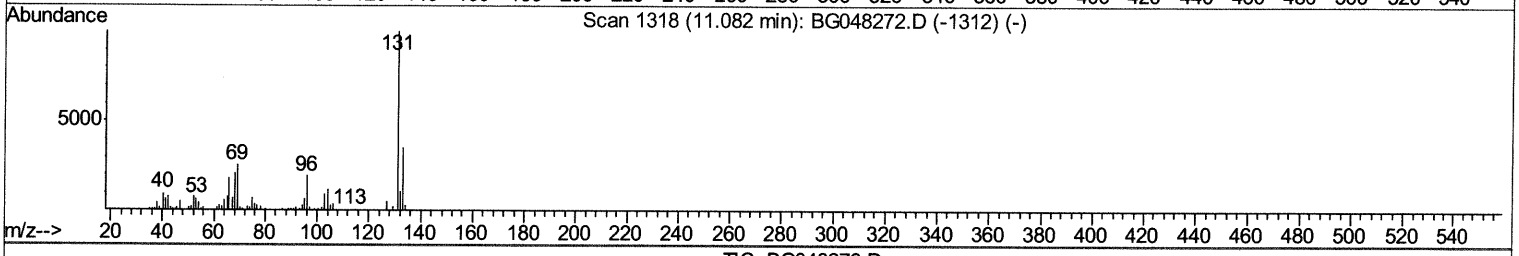

TIC: BG048278.D

(29) 4-Chloroaniline-d4 (S)

11.111min (+0.035) 0.31ng/ul m 02/24/21 JU

response 687

Ion	Exp%	Act%
131.00	100	100
133.00	31.20	0.00#
69.00	22.50	527.73#
0.00	0.00	0.00

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2/23/2021 3:42:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	31708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	127284	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.76	164	92583	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.50	188	201497	20.00	ng/ul	0.02
78) Chrysene-d12	21.78	240	209605	20.00	ng/ul	0.01
86) Perylene-d12	25.10	264	206039	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	3641	4.78	ng/uL	0.01
5) Phenol-d5	7.35	99	27377	10.25	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	62310	39.16	ng/ul	0.01
9) 2-Chlorophenol-d4	7.67	132	64654	34.48	ng/ul	0.02
13) 4-Methylphenol-d8	8.88	113	51298	24.48	ng/ul	0.03
19) Nitrobenzene-d5	9.31	128	38356	40.34	ng/ul	0.02
22) 2-Nitrophenol-d4	10.02	143	50026	43.50	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	91051	40.42	ng/ul	0.02
29) 4-Chloroaniline-d4	11.11	131	687m	0.31	ng/ul	0.03 02/24/21 JU
44) Dimethylphthalate-d6	14.17	166	291722	42.54	ng/ul	0.02
47) Acenaphthylene-d8	14.47	160	371222	44.29	ng/ul	0.02
52) 4-Nitrophenol-d4	15.05	143	13283m	11.40	ng/ul	0.05 02/24/21 JU
58) Fluorene-d10	15.75	176	275768	45.08	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.89	200	49959	40.44	ng/ul	0.02
71) Anthracene-d10	17.60	188	412777	47.78	ng/ul	0.01
79) Pyrene-d10	19.88	212	472419	45.13	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.88	264	474609	45.15	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	1128	1.291	ng/uL	91
6) Phenol	7.38	94	35217	12.768	ng/ul	94
28) Naphthalene	10.99	128	95572	14.886	ng/ul	94
34) 2-Methylnaphthalene	12.59	142	4951	1.015	ng/ul	100
41) 1,1'-Biphenyl	13.63	154	7945461	1251.045	ng/ul#	28
54) Dibenzofuran	15.15	168	36220	4.410	ng/ul	94

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