

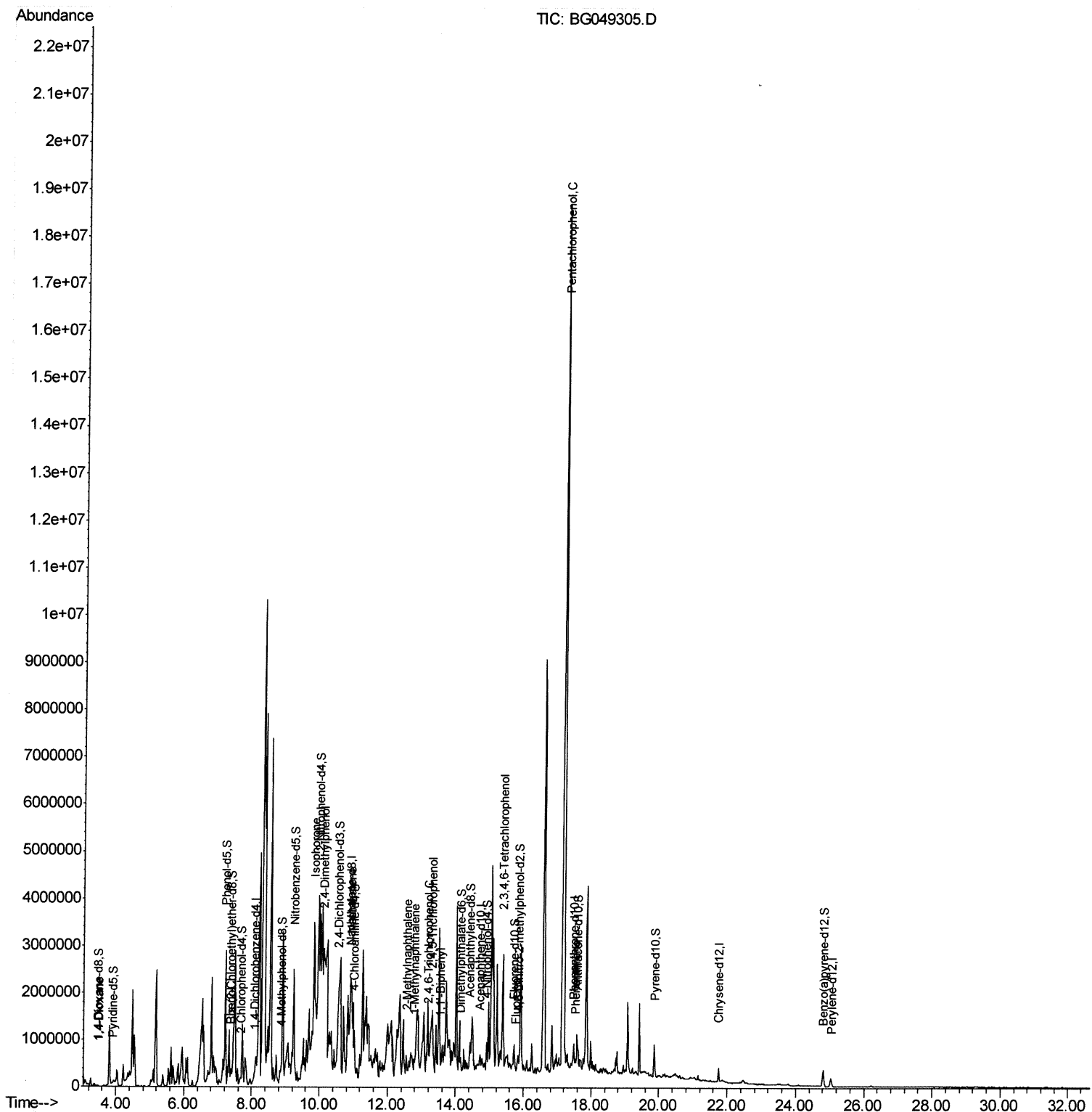
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049305.D
Acq On : 12 Jul 2021 18:28
Operator : CG/JU
Sample : M2958-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBK23

Quant Time: Jul 13 08:43:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
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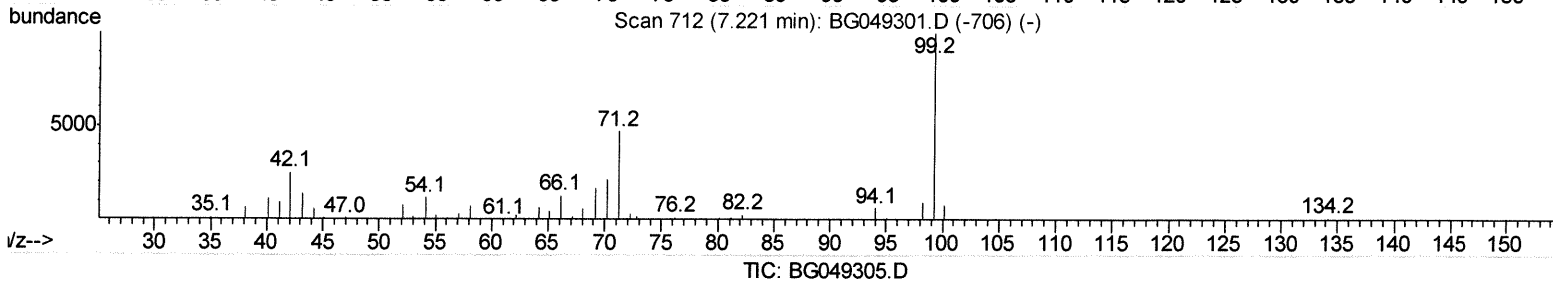
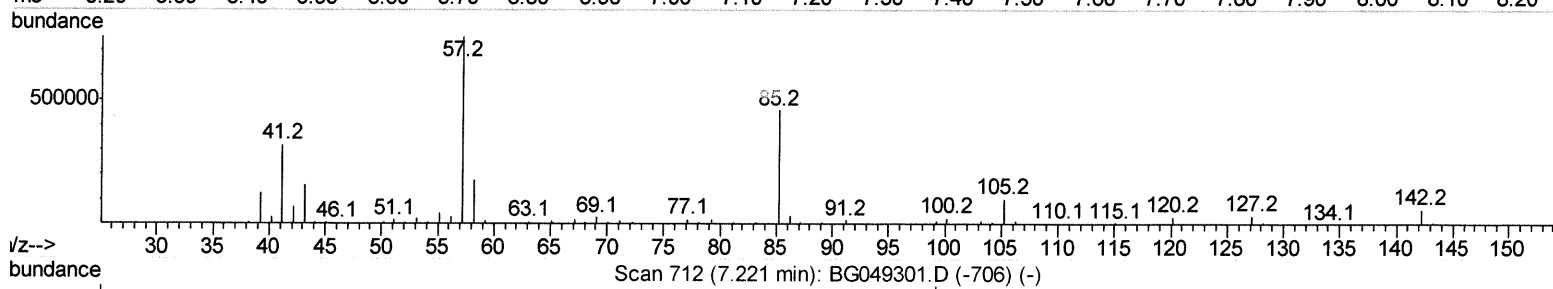
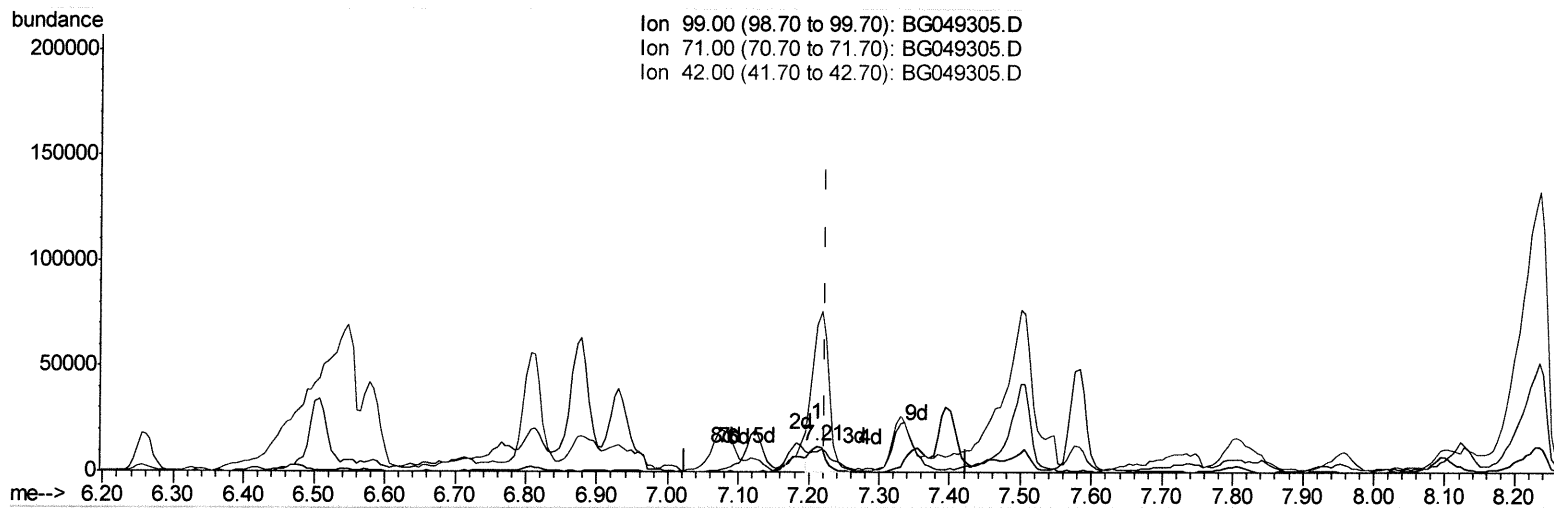
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049305.D
Acq On : 12 Jul 2021 18:28
Operator : CG/JU
Sample : M2958-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBK23

Quant Time: Jul 13 01:42:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
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(7) Phenol-d5 (S)

7.212min (-0.012) 7.52ng/ul

response 18576

Ion	Exp%	Act%
99.00	100	100
71.00	49.50	82.32#
42.00	25.50	572.95#
0.00	0.00	0.00

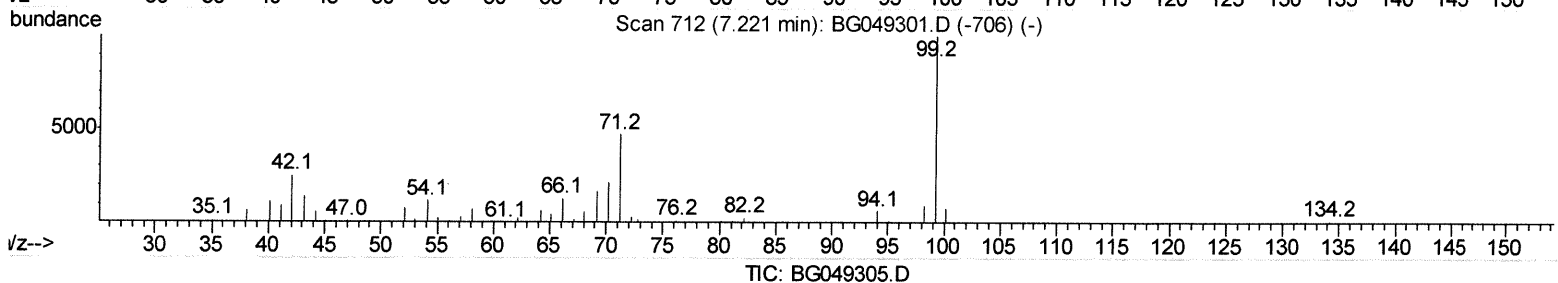
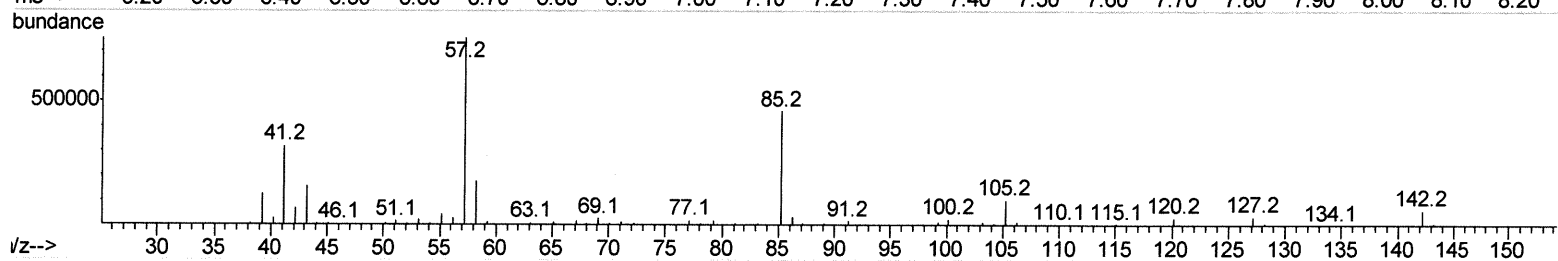
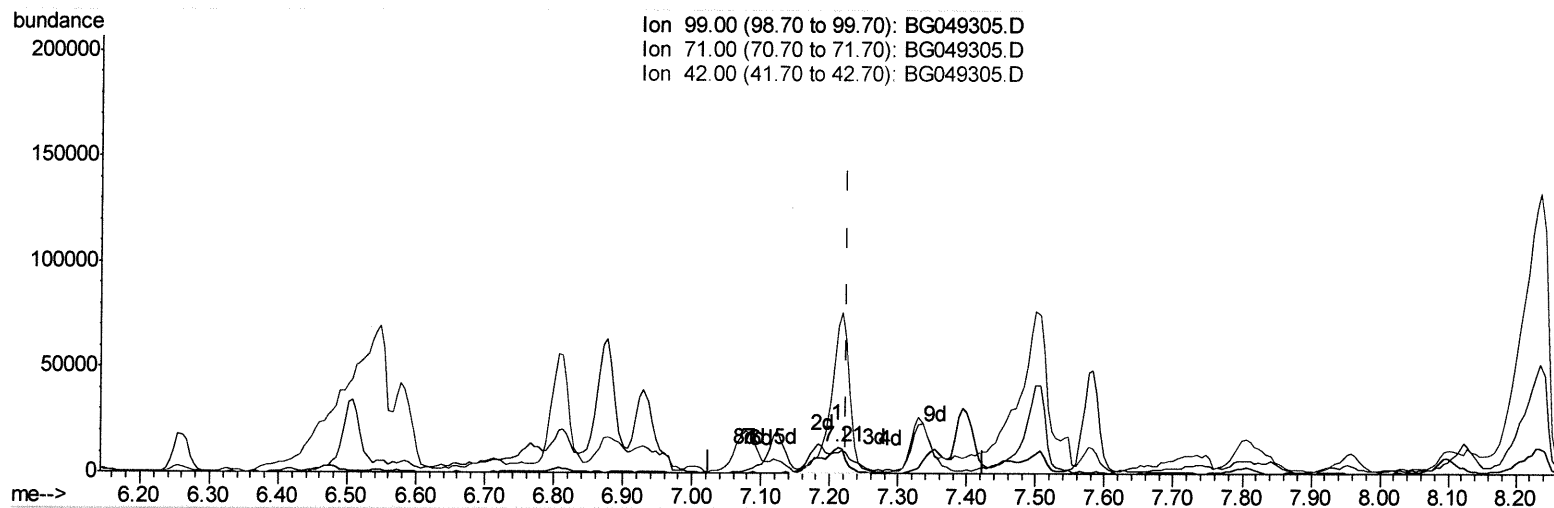
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049305.D
 Acq On : 12 Jul 2021 18:28
 Operator : CG/JU
 Sample : M2958-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Jul 13 01:42:24 2021
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(7) Phenol-d5 (S)

7.212min (-0.012) 13.38ng/ul m

response 33038

Ion	Exp%	Act%
99.00	100	100
71.00	49.50	82.32#
42.00	25.50	572.95#
0.00	0.00	0.00

J47/20/21

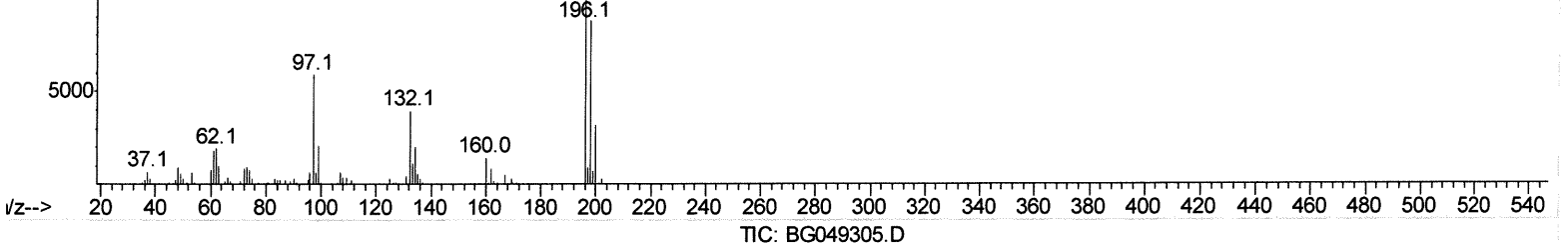
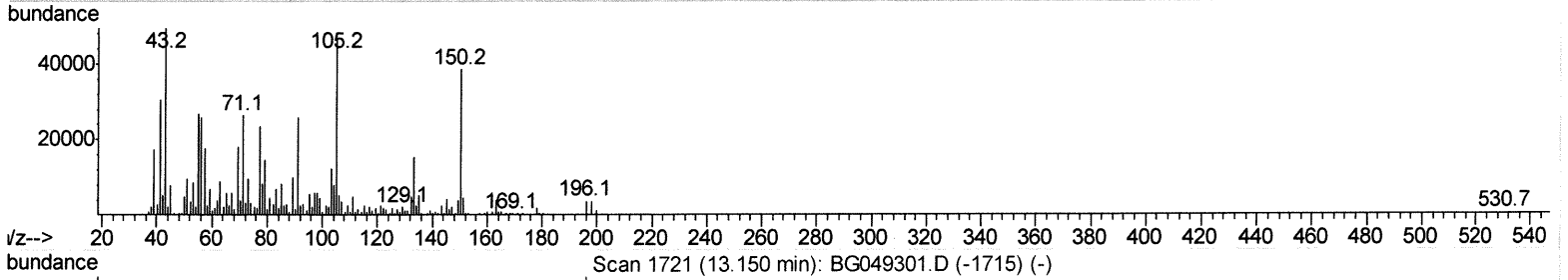
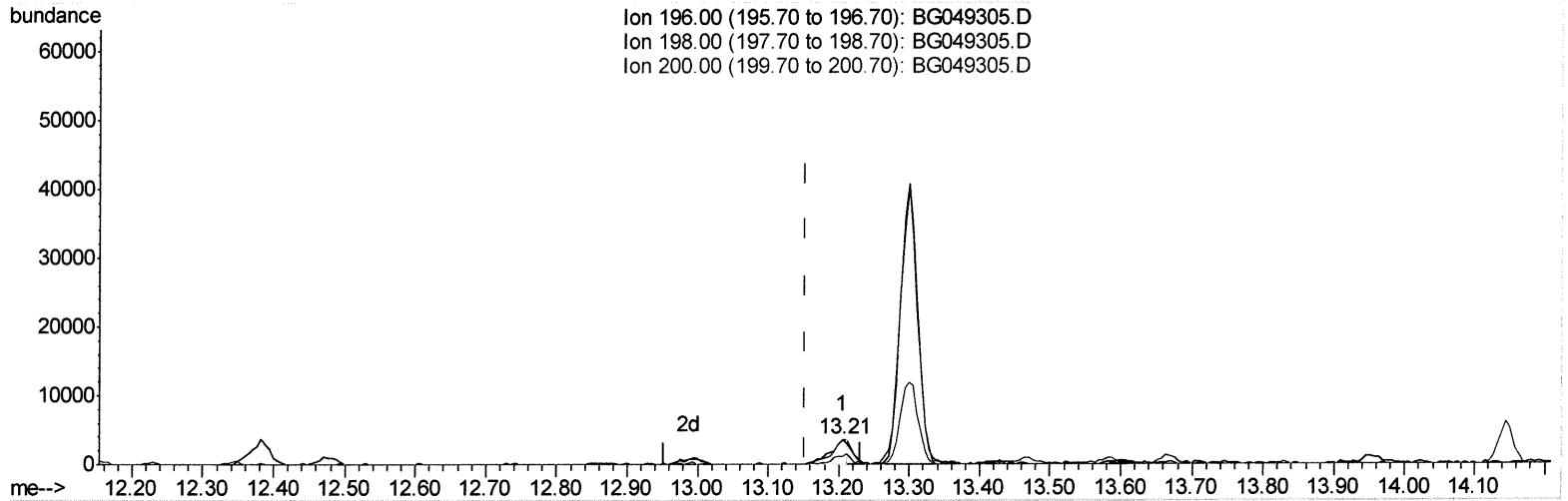
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
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Manual Integrations
 APPROVED

mohammad
 7/13/2021 4:40:13 PM

Quant Time: Jul 13 01:43:43 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
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(41) 2,4,6-Trichlorophenol (C)

13.205min (+0.053) 3.73ng/ul

response 6064

Ion	Exp%	Act%
196.00	100	100
198.00	86.00	99.39
200.00	28.00	30.49
0.00	0.00	0.00

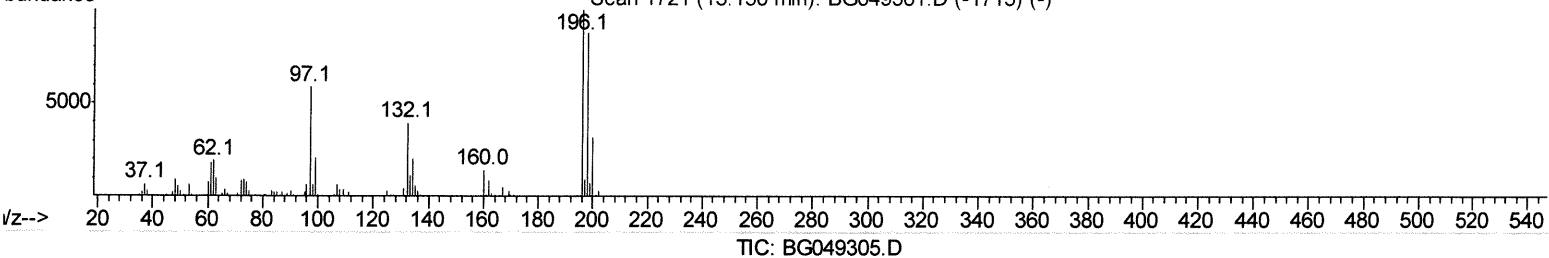
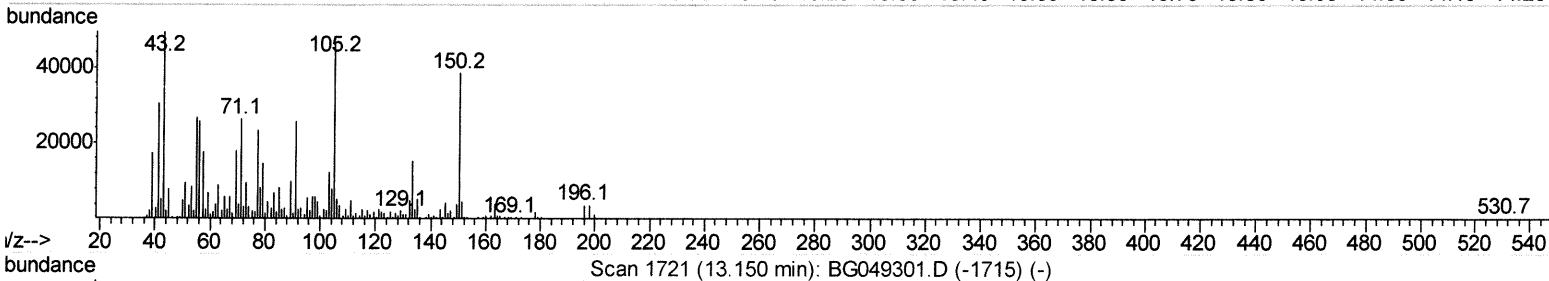
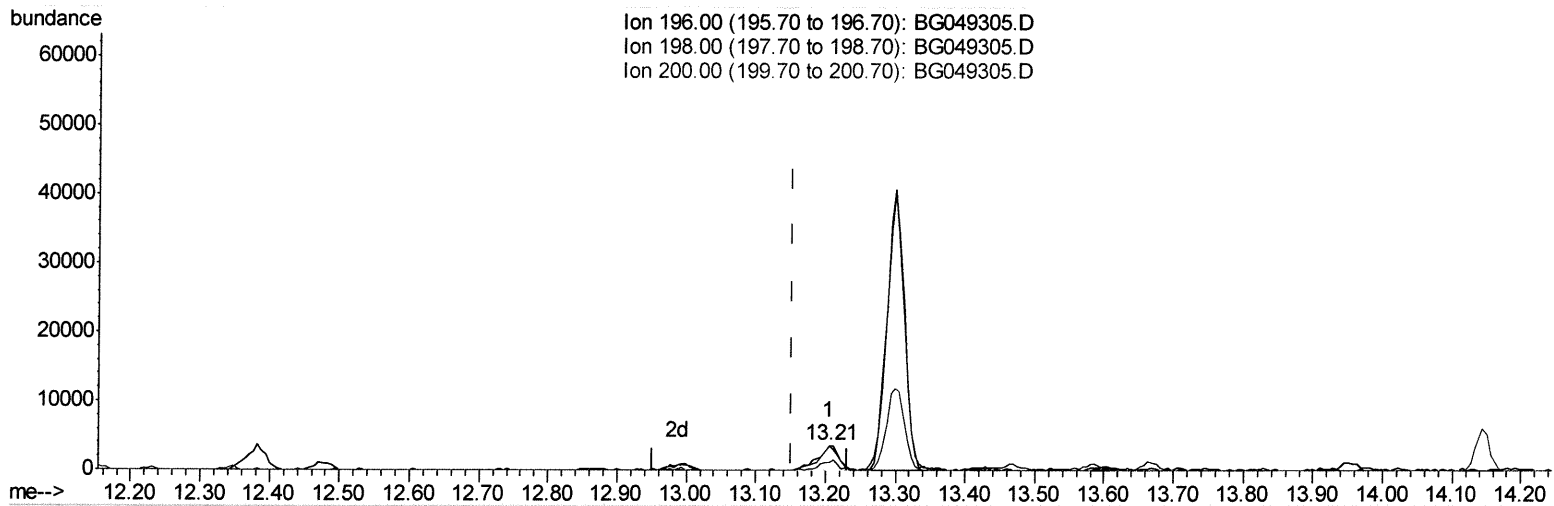
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049305.D
 Acq On : 12 Jul 2021 18:28
 Operator : CG/JU
 Sample : M2958-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 7/13/2021 4:40:13 PM

Quant Time: Jul 13 01:43:43 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(41) 2,4,6-Trichlorophenol (C)

13.205min (+0.053) 4.76ng/ul m

response 7735

Ion	Exp%	Act%
196.00	100	100
198.00	86.00	99.39
200.00	28.00	30.49
0.00	0.00	0.00

JU 7/20/21

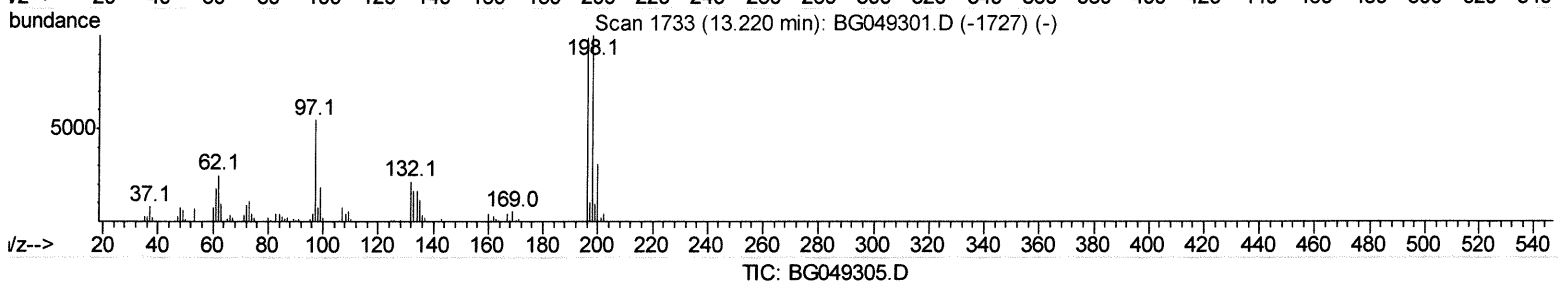
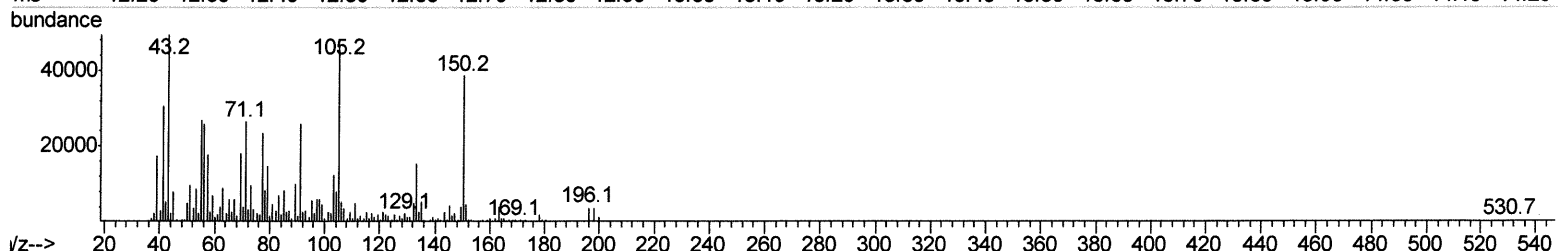
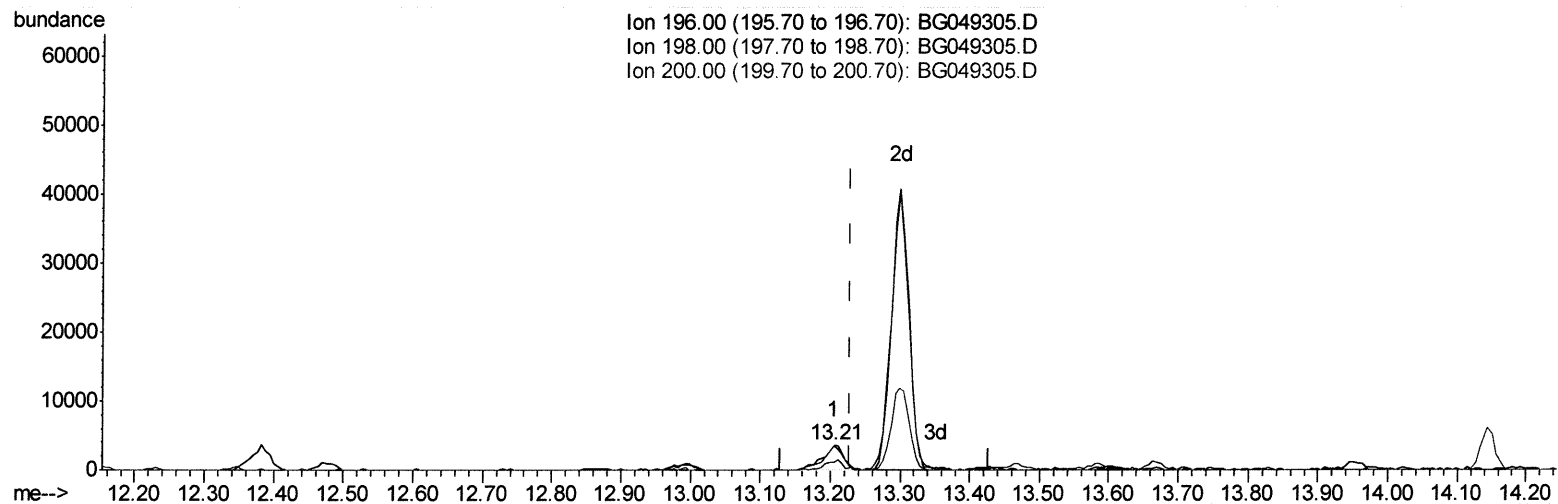
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049305.D
 Acq On : 12 Jul 2021 18:28
 Operator : CG/JU
 Sample : M2958-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK23

Manual Integrations
 APPROVED

mohammad
 7/13/2021 4:40:13 PM

Quant Time: Jul 13 01:44:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(42) 2,4,5-Trichlorophenol

13.205min (-0.024) 4.47ng/ul

response 7735

Ion	Exp%	Act%
196.00	100	100
198.00	104.80	99.39
200.00	36.00	30.49
0.00	0.00	0.00

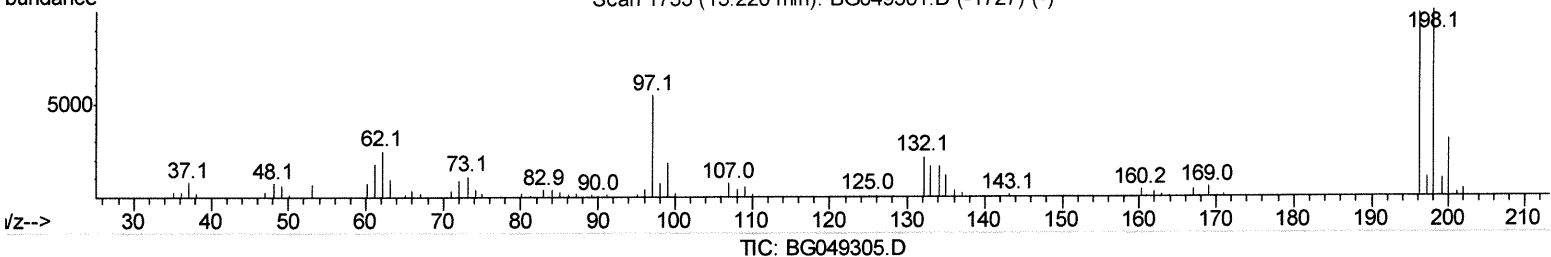
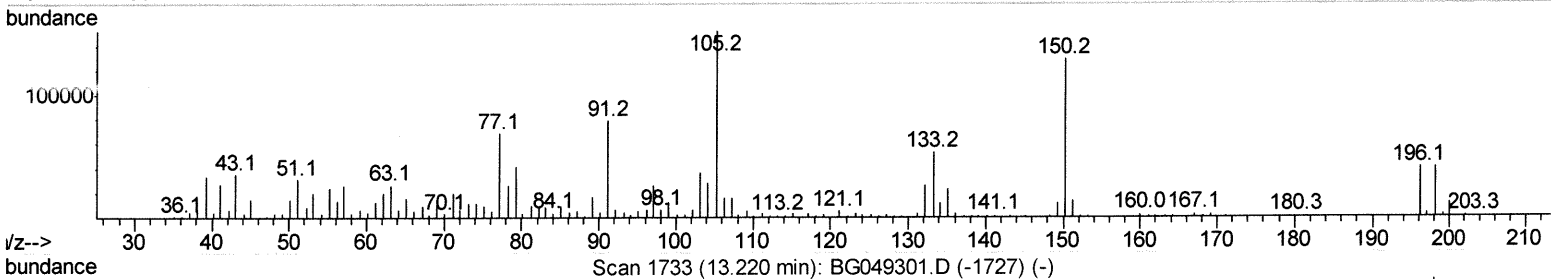
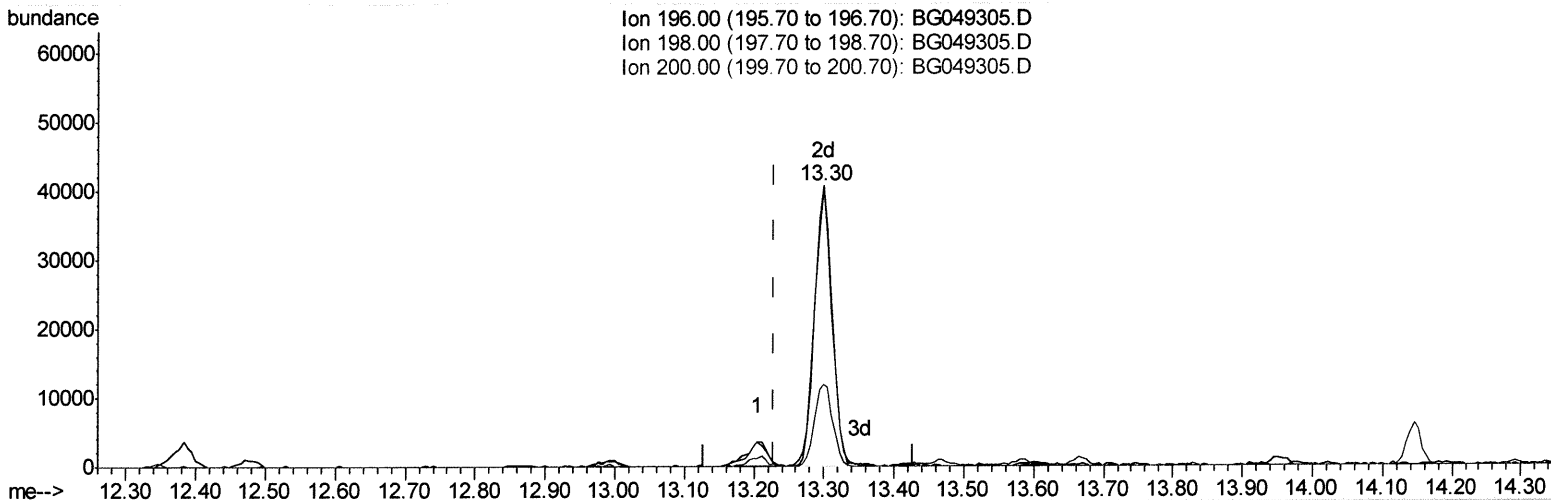
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049305.D
 Acq On : 12 Jul 2021 18:28
 Operator : CG/JU
 Sample : M2958-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK23

Manual Integrations
 APPROVED

mohammad
 7/13/2021 4:40:13 PM

Quant Time: Jul 13 01:44:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(42) 2,4,5-Trichlorophenol

13.299min (+0.070) 40.60ng/ul m

response 70229

Ion	Exp%	Act%
196.00	100	100
198.00	104.80	98.98
200.00	36.00	29.03
0.00	0.00	0.00

Handwritten signature: JU 7/20/21

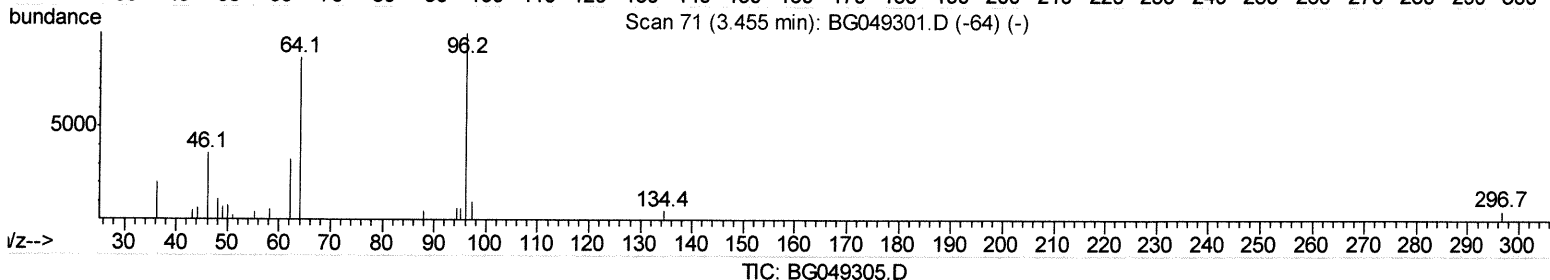
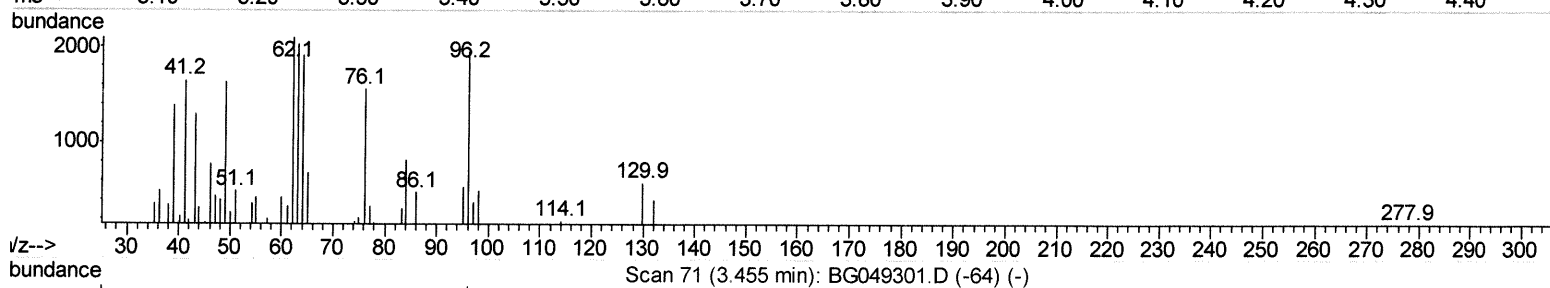
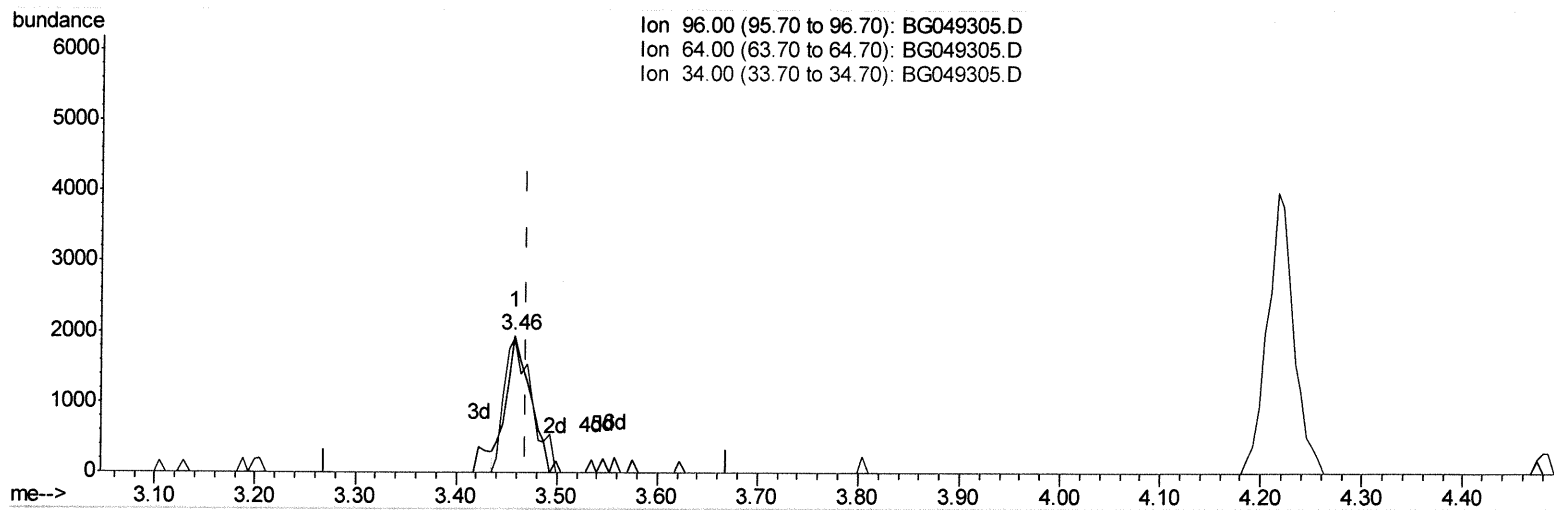
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049305.D
 Acq On : 12 Jul 2021 18:28
 Operator : CG/JU
 Sample : M2958-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK23

Manual Integrations
 APPROVED

mohammad
 7/13/2021 4:40:13 PM

Quant Time: Jul 13 01:44:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.458min (-0.012) 5.44ng/uL

response 3285

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	97.79#
34.00	0.00	0.00
0.00	0.00	0.00

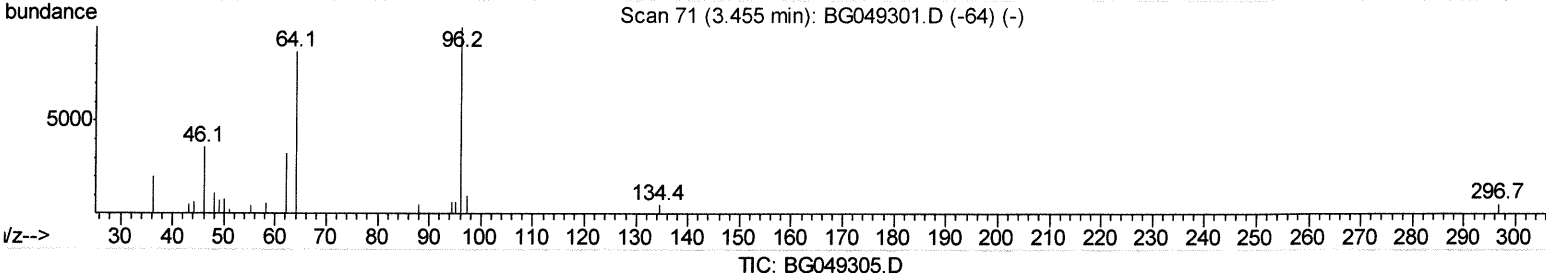
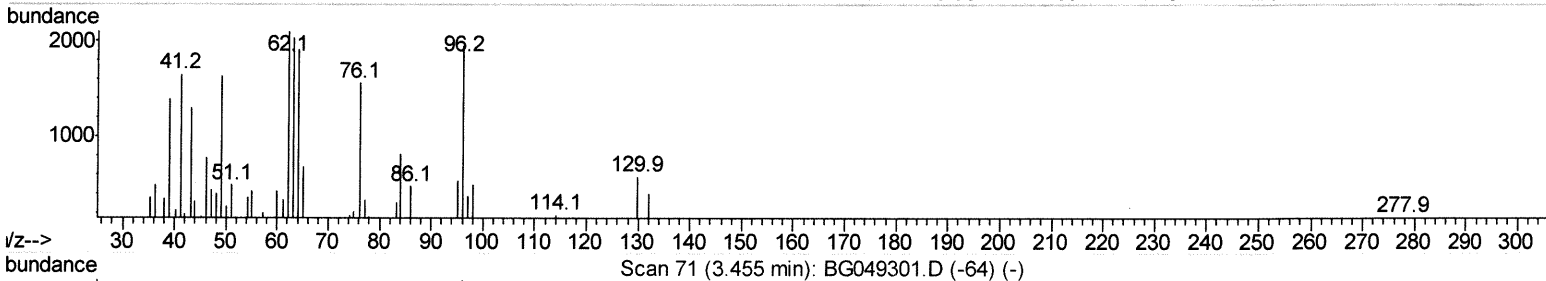
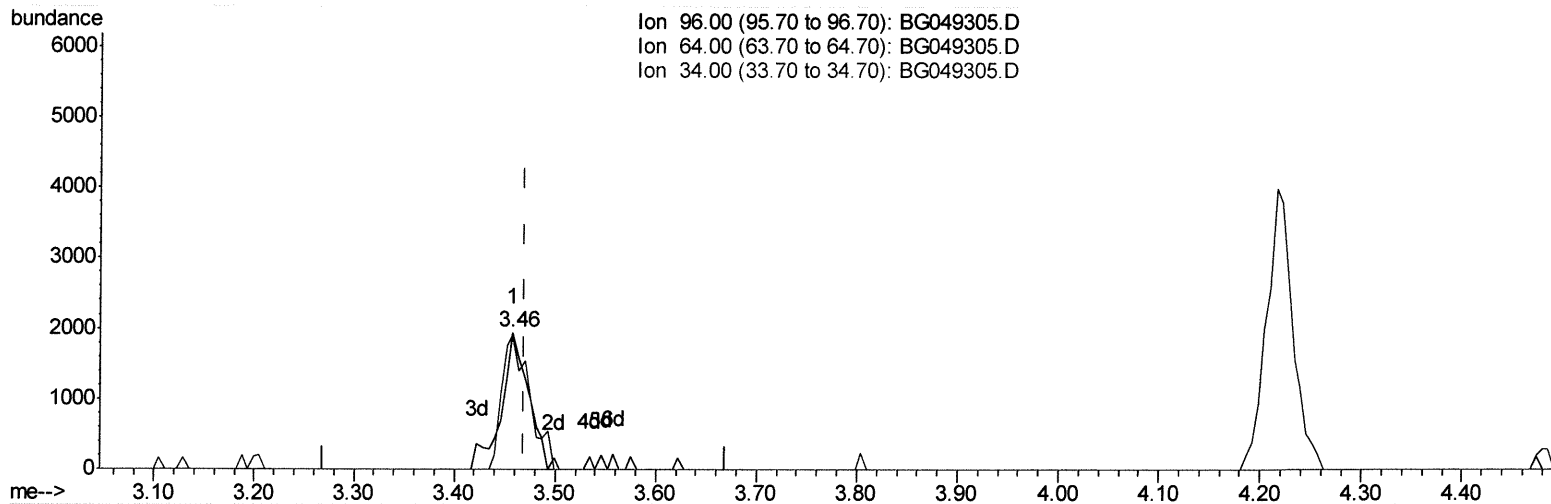
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049305.D
 Acq On : 12 Jul 2021 18:28
 Operator : CG/JU
 Sample : M2958-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK23

Manual Integrations
 APPROVED

mohammad
 7/13/2021 4:40:13 PM

Quant Time: Jul 13 01:44:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.458min (-0.012) 6.01ng/uL m

response 3626

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	97.79#
34.00	0.00	0.00
0.00	0.00	0.00

Jy 7/20/21

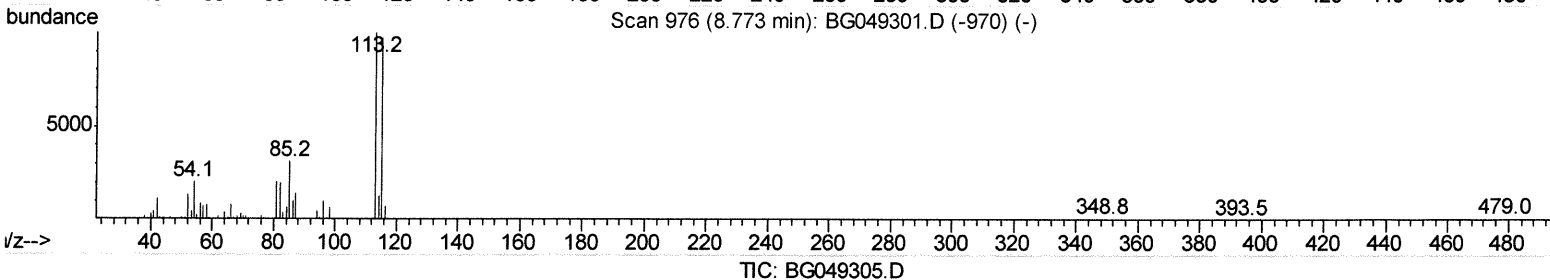
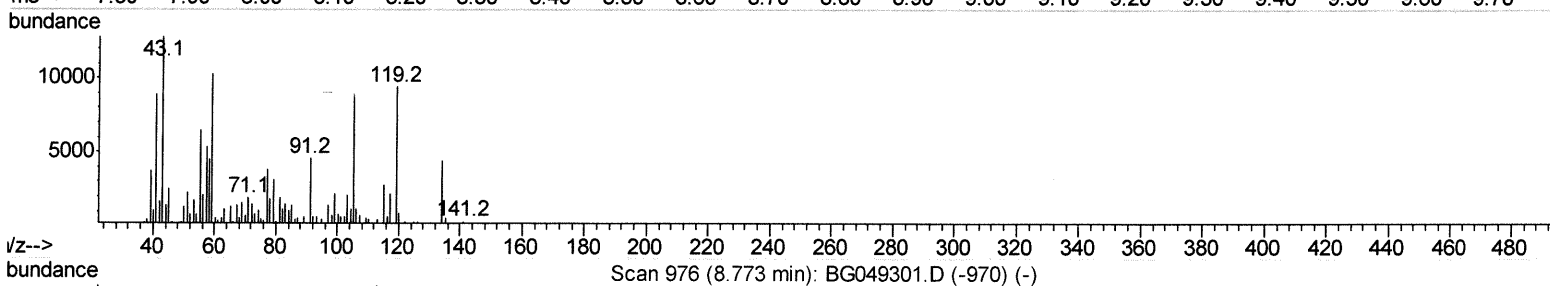
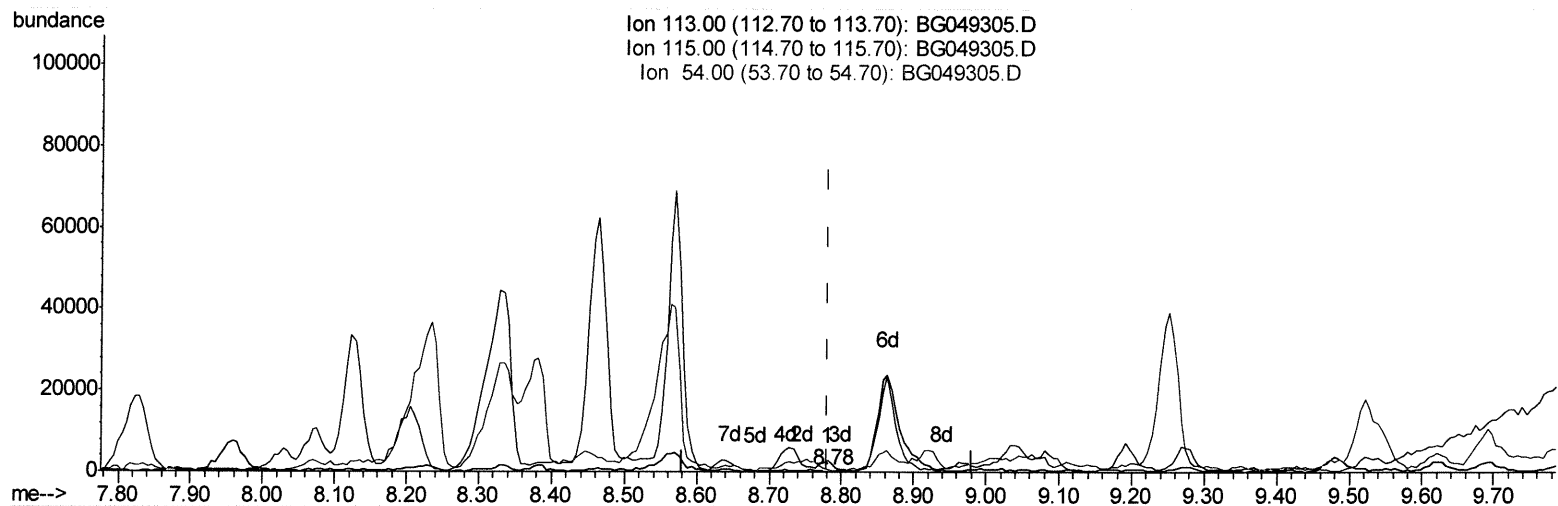
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK23

Manual Integrations
 APPROVED

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 7/13/2021 4:40:13 PM

Quant Time: Jul 13 08:30:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(15) 4-Methylphenol-d8 (S)

8.781min (-0.000) 0.04ng/ul

response 82

Ion	Exp%	Act%
113.00	100	100
115.00	99.50	689.60#
54.00	19.50	195.54#
0.00	0.00	0.00

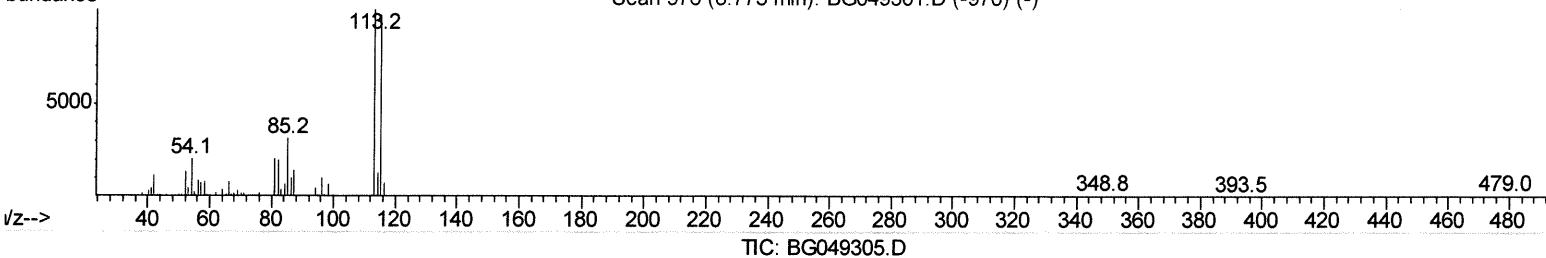
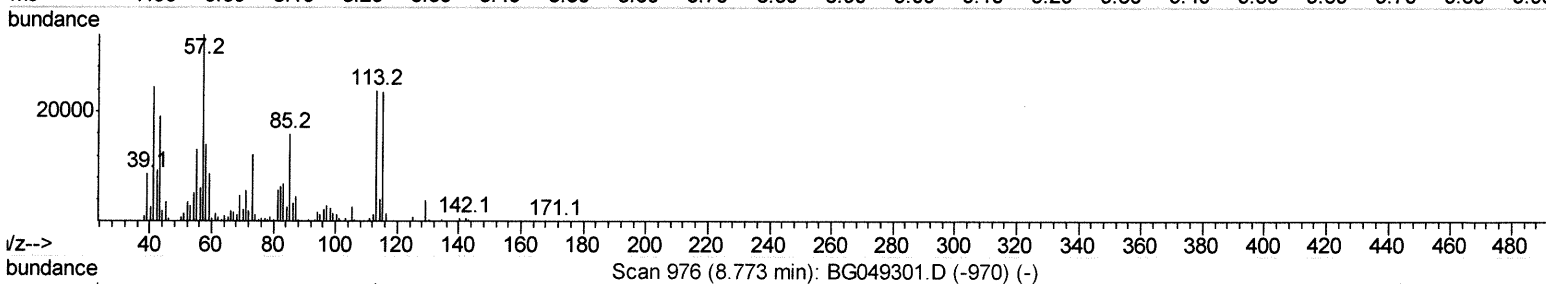
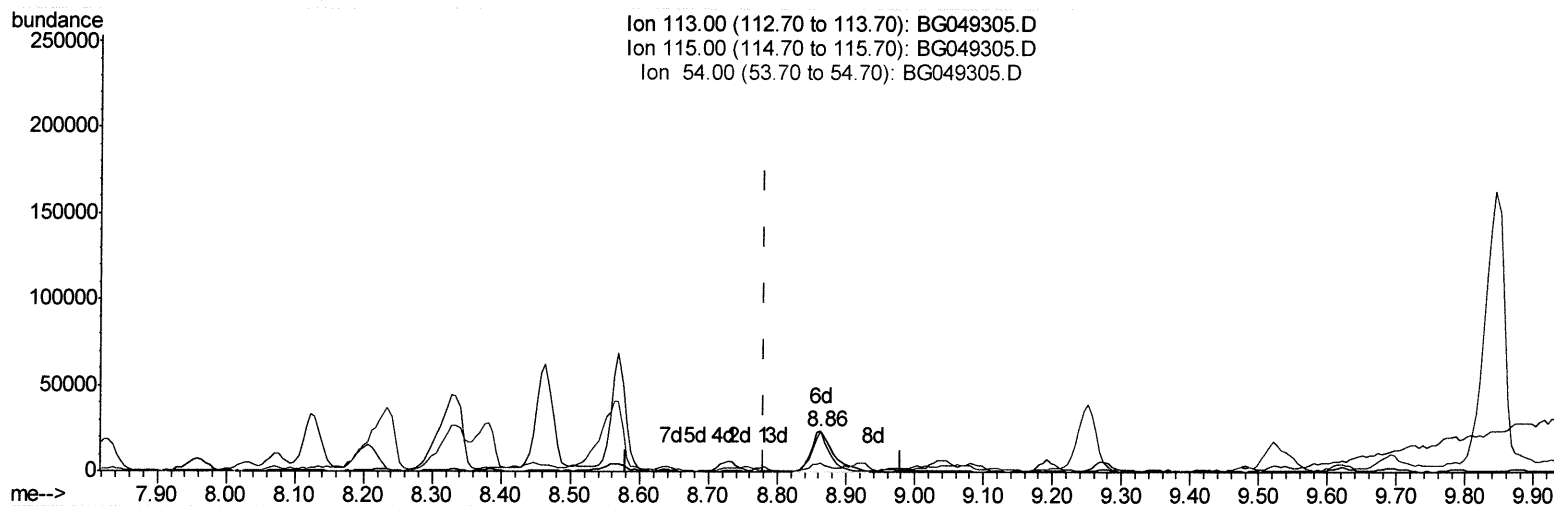
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049305.D
 Acq On : 12 Jul 2021 18:28
 Operator : CG/JU
 Sample : M2958-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK23

Manual Integrations
 APPROVED

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 7/13/2021 4:40:13 PM

Quant Time: Jul 13 08:30:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(15) 4-Methylphenol-d8 (S)

8.863min (+0.082) 26.43ng/ul m

response 52307

Ion	Exp%	Act%
113.00	100	100
115.00	99.50	98.92
54.00	19.50	21.90
0.00	0.00	0.00

JU 7/13/21

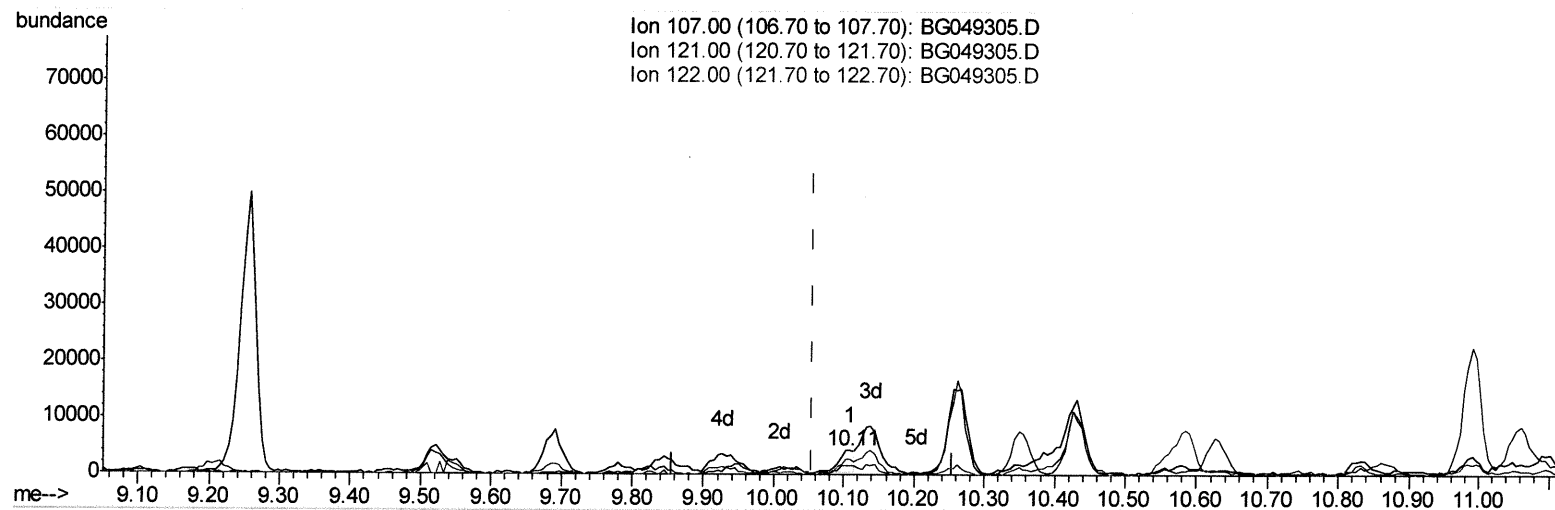
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 Data File : BG049305.D
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 Operator : CG/JU
 Sample : M2958-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Jul 13 08:42:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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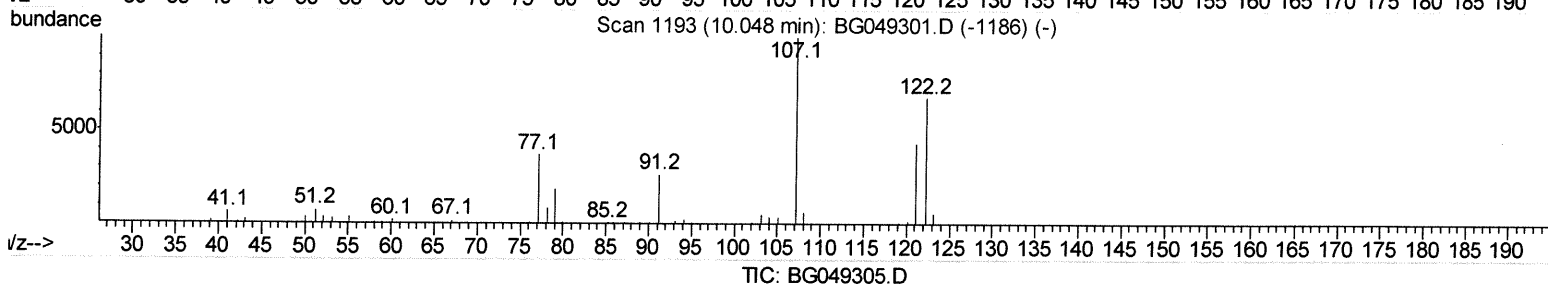
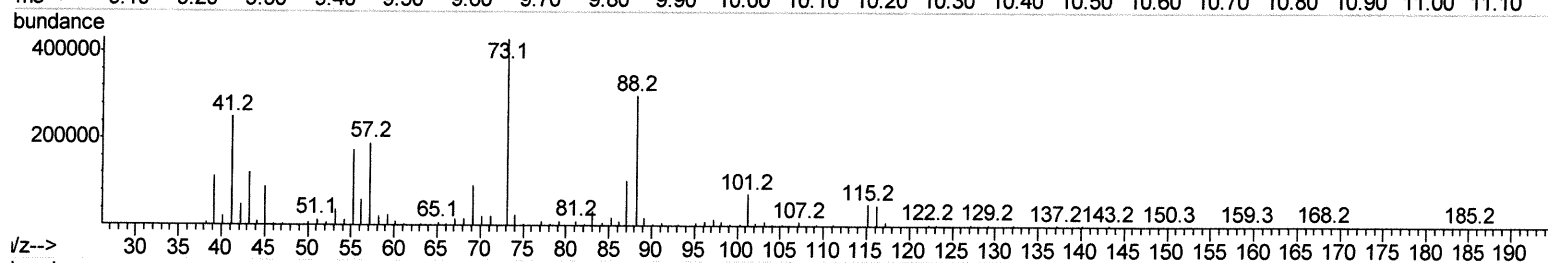
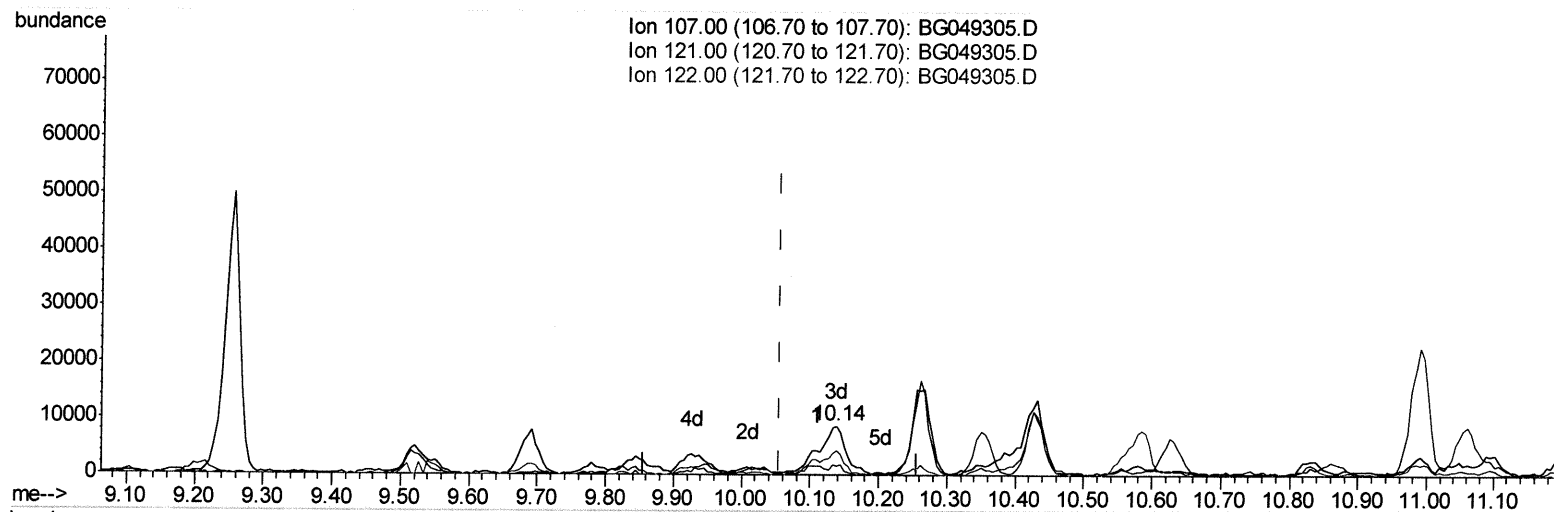
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APPROVED

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(26) 2,4-Dimethylphenol

10.138min (+0.082) 10.31ng/ul m

response 23243

Ion	Exp%	Act%
107.00	100	100
121.00	43.70	19.04#
122.00	70.60	49.73#
0.00	0.00	0.00

J47/20/21

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28393	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.90	136	113285	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	80050	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	167938	20.00	ng/ul	0.01
79) Chrysene-d12	21.75	240	176377	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	185745	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	3626m	6.01	ng/uL	-0.01	JU 7/20/21
4) Pvrindine-d5	3.89	84	21384	12.05	ng/ul	0.00	
7) Phenol-d5	7.21	99	33038m	13.38	ng/ul	-0.01	JU 7/20/21
9) Bis-(2-Chloroethyl)ether-d	7.39	67	52238	36.47	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.66	132	55046	30.16	ng/ul	0.05	
15) 4-Methylphenol-d8	8.86	113	52307m	26.43	ng/ul	0.08	JU 7/20/21
21) Nitrobenzene-d5	9.25	128	37830	43.52	ng/ul	0.01	
24) 2-Nitrophenol-d4	9.98	143	40712	40.80	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.56	165	69290	35.58	ng/ul	0.04	
31) 4-Chloroaniline-d4	11.01	131	10755	4.24	ng/ul	-0.01	
46) Dimethylphthalate-d6	14.15	166	226117	36.73	ng/ul	0.03	
49) Acenaphthylene-d8	14.42	160	282487	39.11	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.91	143	3261	3.20	ng/ul	0.00	
60) Fluorene-d10	15.72	176	196133	37.63	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.84	200	43330	40.59	ng/ul	0.01	
73) Anthracene-d10	17.58	188	310833	40.65	ng/ul	0.01	
81) Pyrene-d10	19.86	212	350223	38.74	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.82	264	394236	40.83	ng/ul	0.00	

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.50	88	1387	1.887	ng/uL#	47
8) Phenol	7.38	94	101799	41.215	ng/ul	91
23) Isophorone	9.84	82	1430005	337.678	ng/ul#	93
26) 2,4-Dimethylphenol	10.14	107	23243m	10.311	ng/ul	76
30) Naphthalene	10.93	128	1063348	188.263	ng/ul#	98
36) 2-Methylnaphthalene	12.55	142	88982	20.735	ng/ul	99
37) 1-Methylnaphthalene	12.77	142	60652	14.212	ng/ul#	99
41) 2,4,6-Trichlorophenol	13.21	196	7735m	4.756	ng/ul	88
42) 2,4,5-Trichlorophenol	13.30	196	70229m	40.598	ng/ul	93
43) 1,1'-Biphenyl	13.55	154	10927	2.020	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.39	232	599415	369.519	ng/ul	83
61) Fluorene	15.77	166	6463	1.155	ng/ul#	45
71) Pentachlorophenol	17.19	266	5204500	4110.715	ng/ul#	
72) Phenanthrene	17.52	178	8967	1.095	ng/ul#	

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