

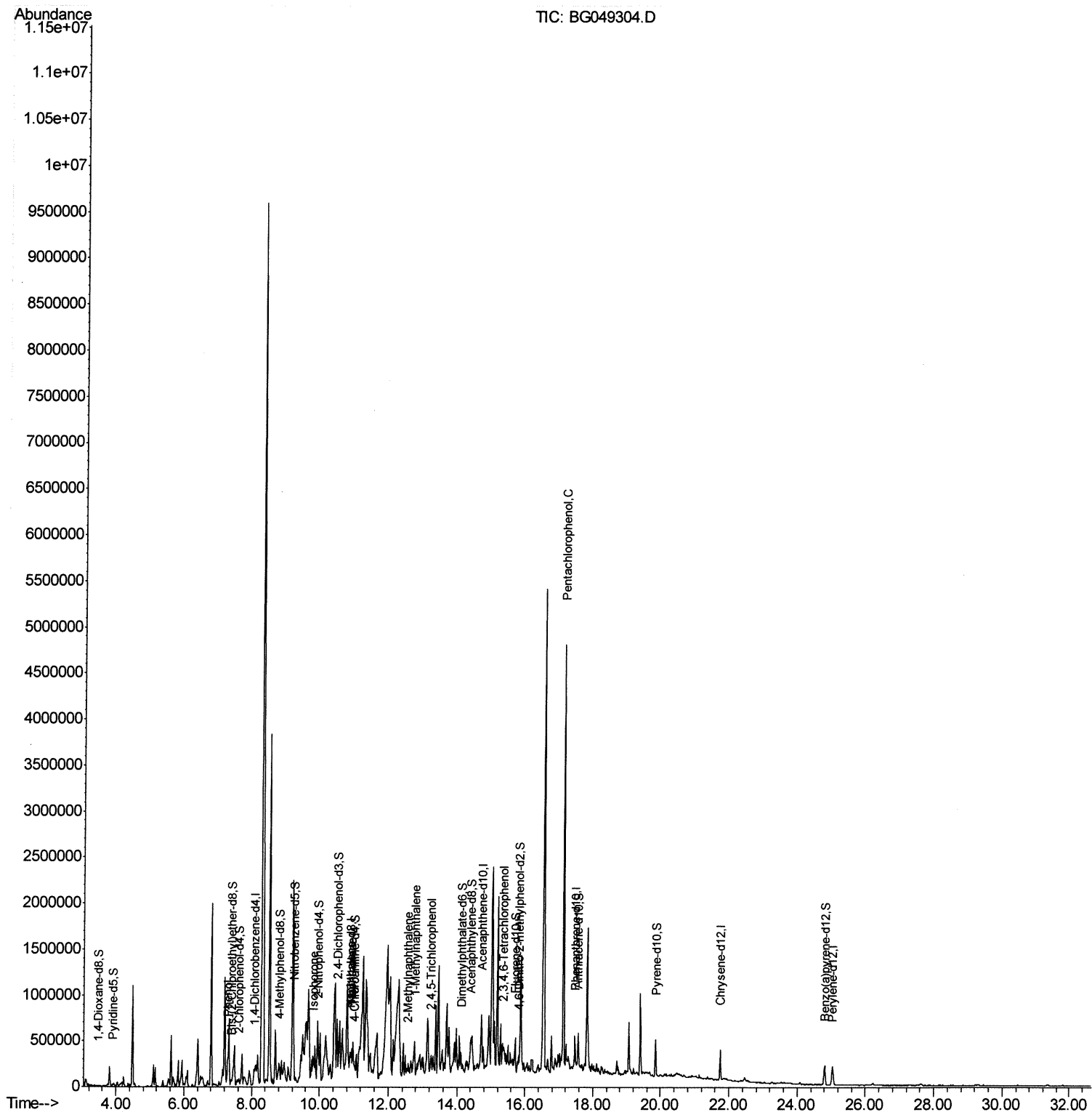
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049304.D
Acq On : 12 Jul 2021 17:47
Operator : CG/JU
Sample : M2958-02DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBK27DL

Quant Time: Jul 13 08:36:48 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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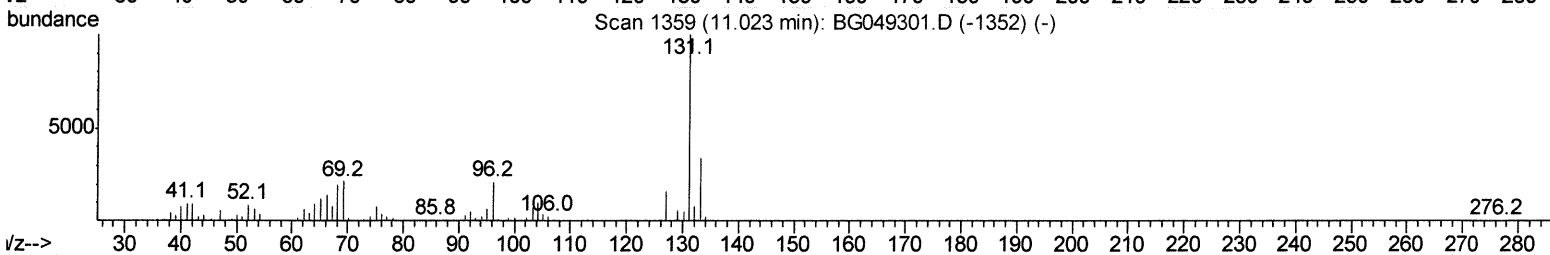
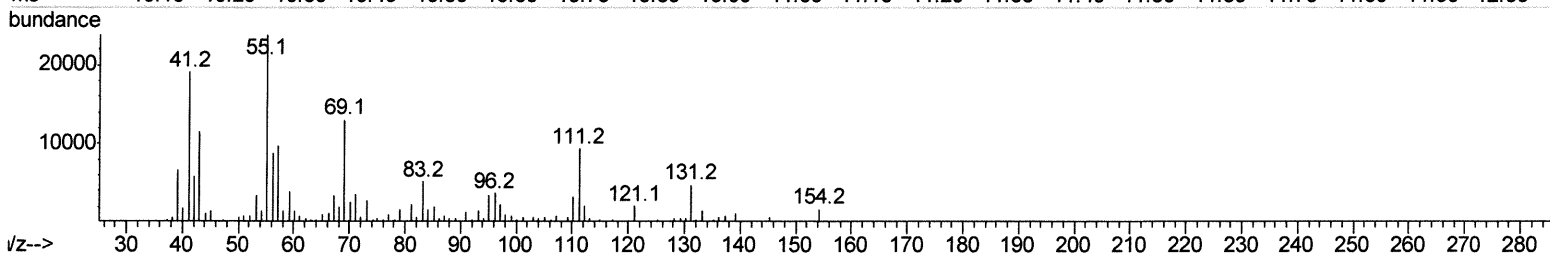
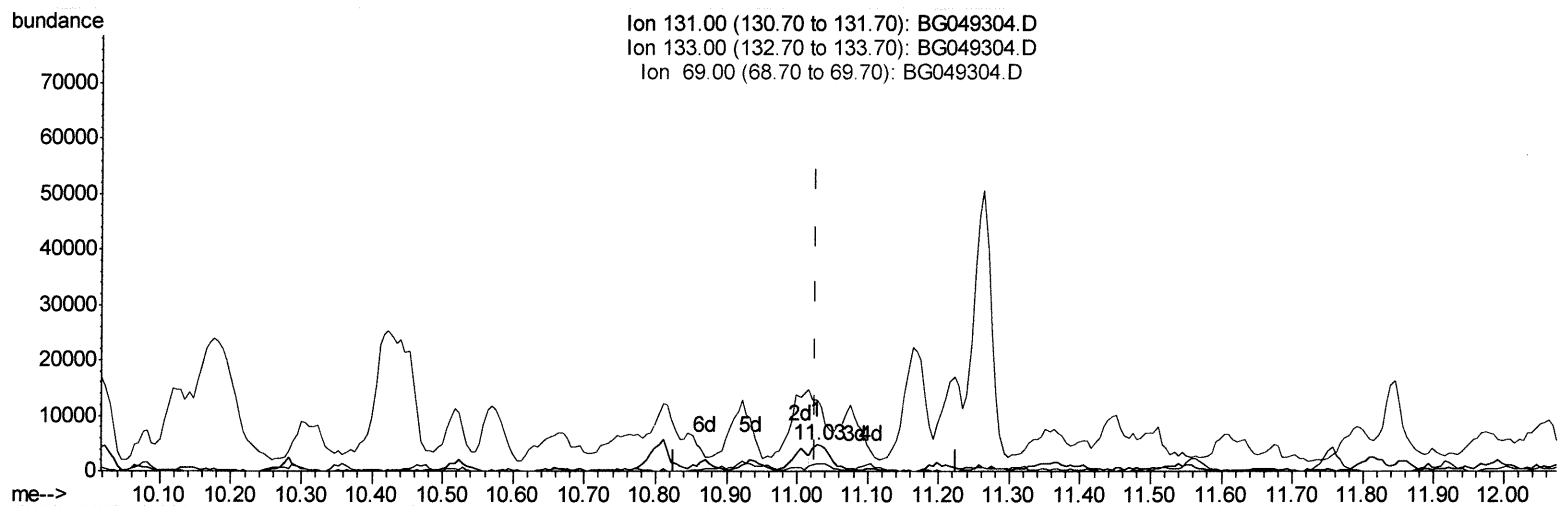
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Quant Time: Jul 13 01:15:30 2021
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TIC: BG049304.D

(31) 4-Chloroaniline-d4 (S)

11.028min (+0.003) 2.71ng/ul

response 7860

Ion	Exp%	Act%
131.00	100	100
133.00	29.70	29.85
69.00	19.10	274.04#
0.00	0.00	0.00

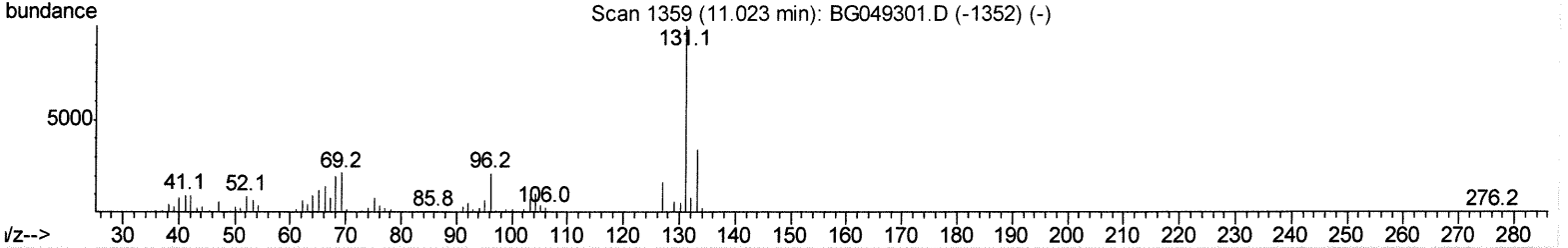
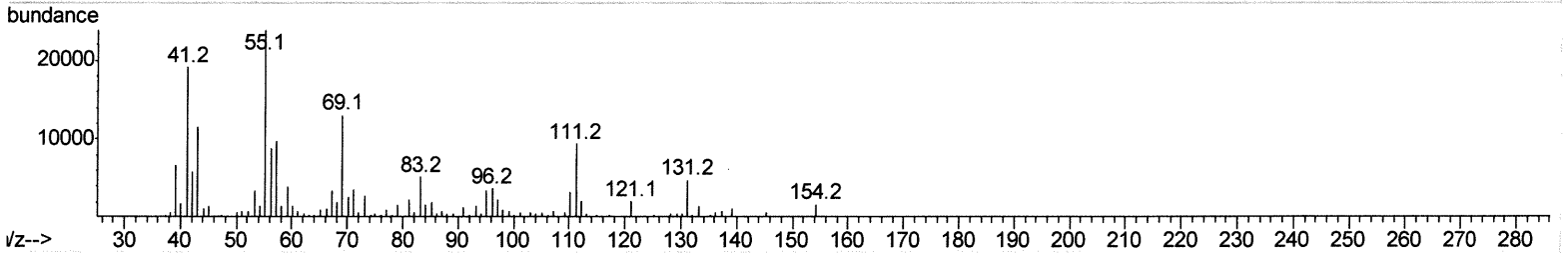
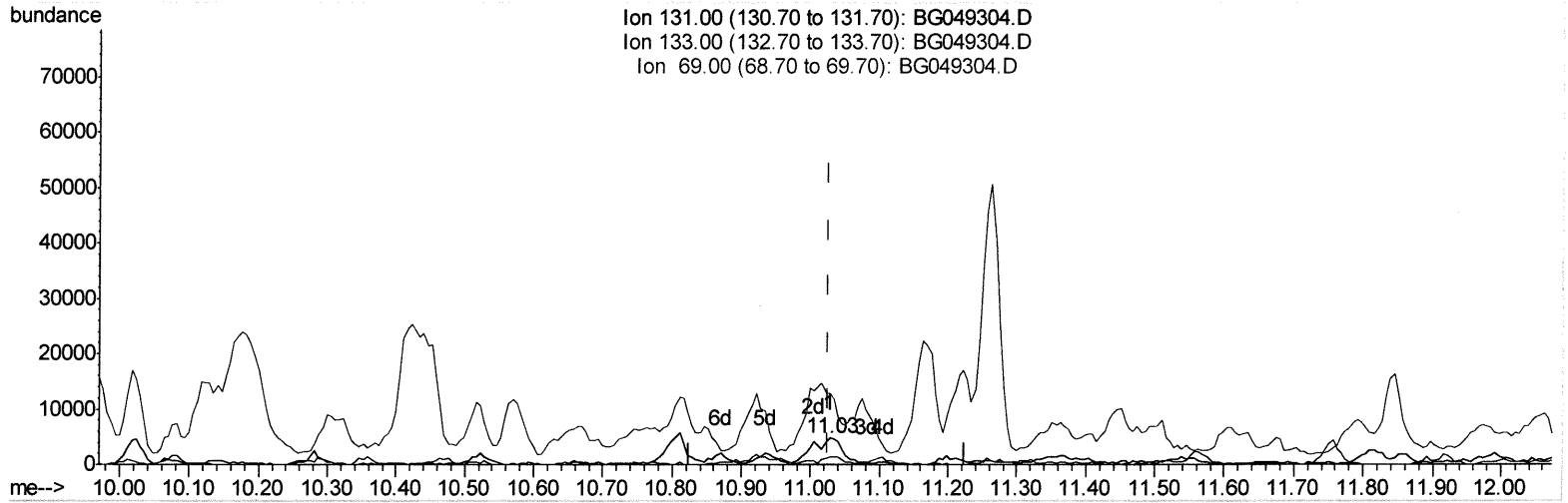
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 Operator : CG/JU
 Sample : M2958-02DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 DBK27DL

Manual Integrations
 APPROVED

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Quant Time: Jul 13 01:15:30 2021
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 QLast Update : Fri Jul 09 03:15:38 2021
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TIC: BG049304.D

(31) 4-Chloroaniline-d4 (S)

11.028min (+0.003) 4.70ng/ul m

response 13616

JU 7/20/21

Ion	Exp%	Act%
131.00	100	100
133.00	29.70	29.85
69.00	19.10	274.04#
0.00	0.00	0.00

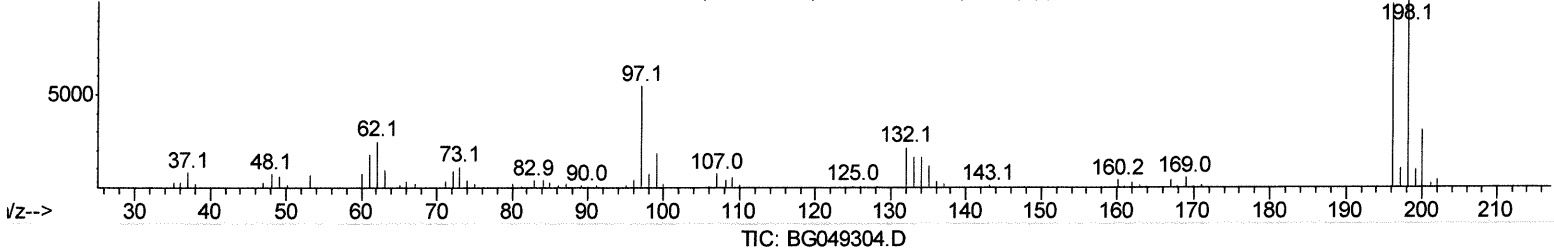
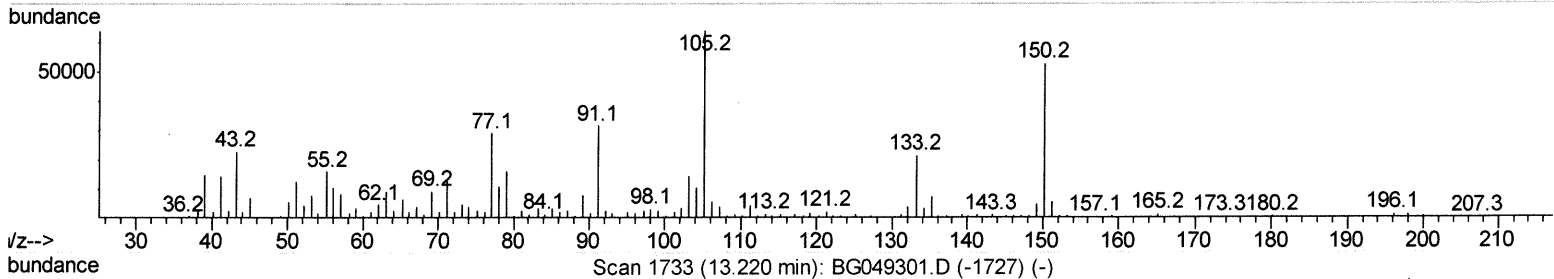
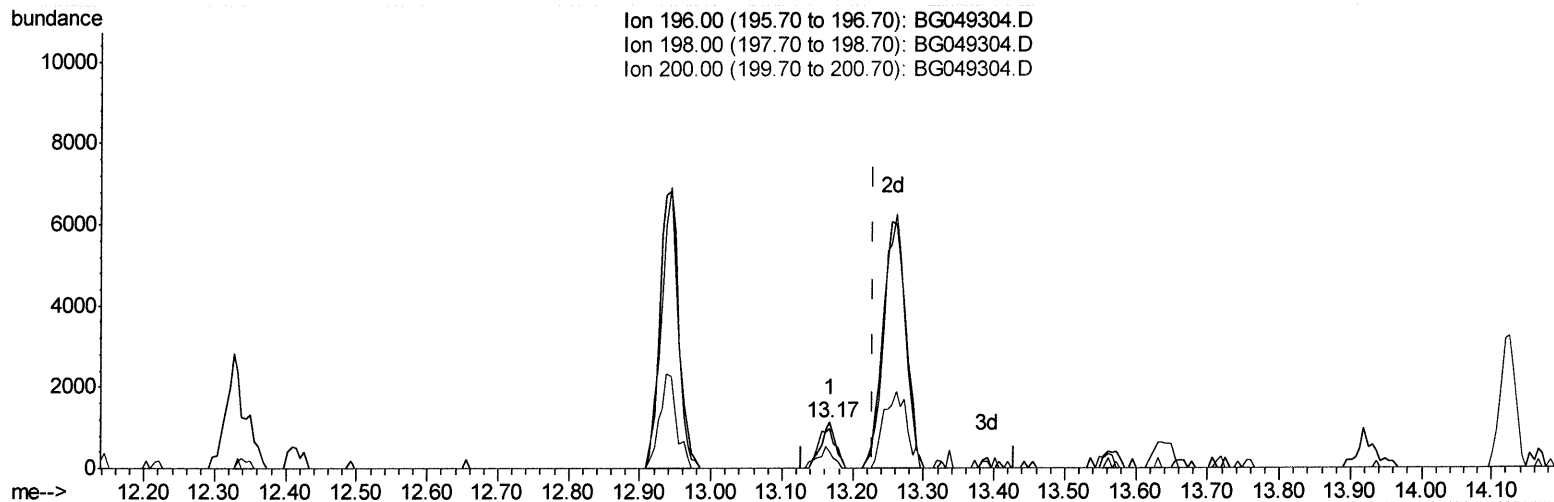
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 Data File : BG049304.D
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 Operator : CG/JU
 Sample : M2958-02DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27DL

Manual Integrations
 APPROVED

mohammad
 7/13/2021 4:40:10 PM

Quant Time: Jul 13 01:18:00 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

13.167min (-0.062) 0.77ng/ul

response 1609

Ion	Exp%	Act%
196.00	100	100
198.00	104.80	86.65
200.00	36.00	35.37
0.00	0.00	0.00

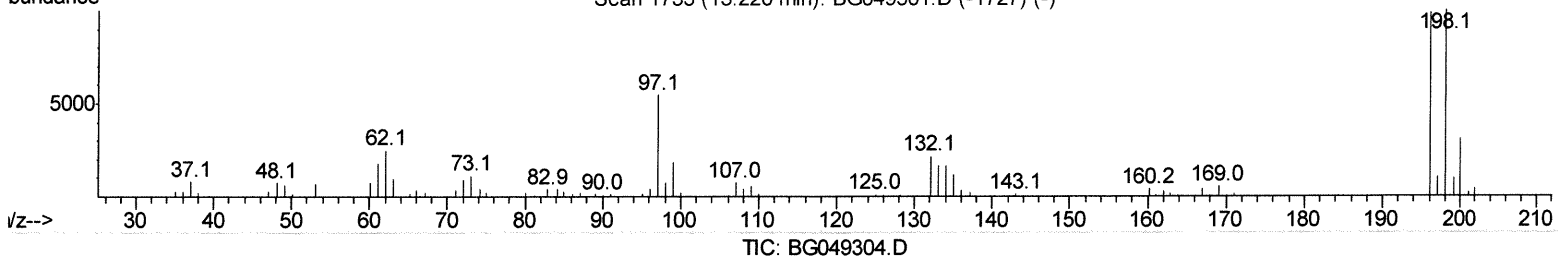
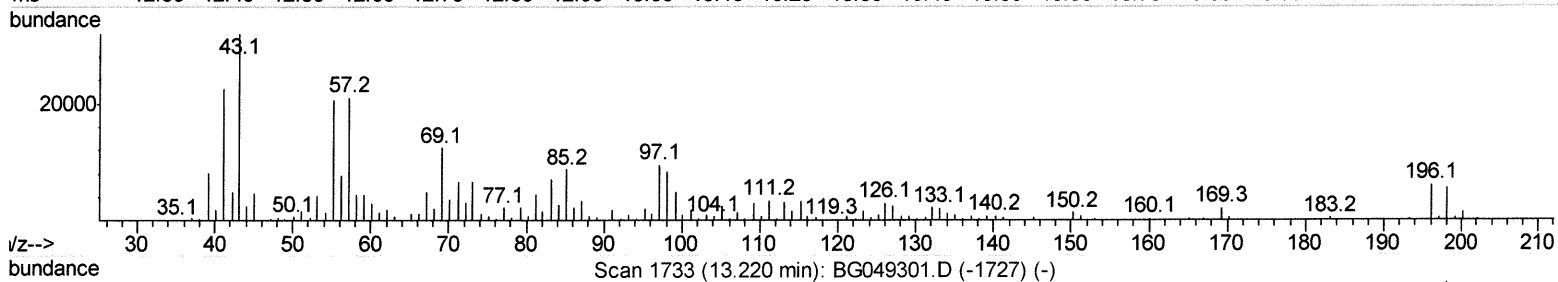
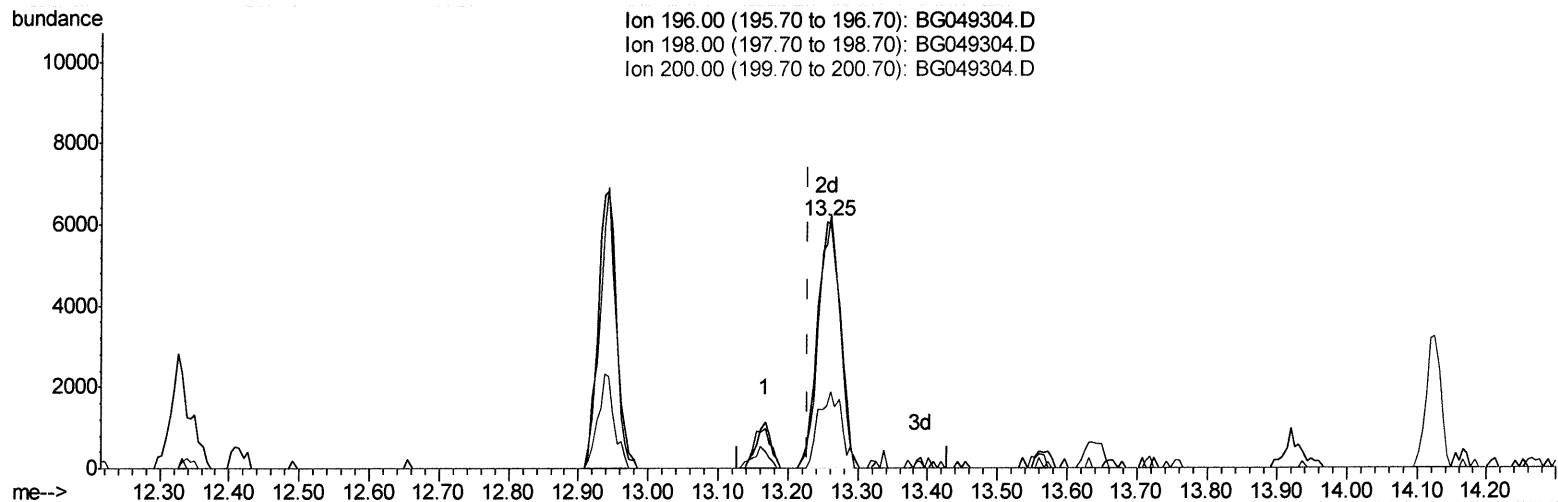
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049304.D
Acq On : 12 Jul 2021 17:47
Operator : CG/JU
Sample : M2958-02DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DBK27DL

Quant Time: Jul 13 01:18:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
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Manual Integrations
APPROVED

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(42) 2,4,5-Trichlorophenol

13.255min (+0.026) 6.61ng/ul m

response 13818

Ion	Exp%	Act%
196.00	100	100
198.00	104.80	90.66
200.00	36.00	25.53#
0.00	0.00	0.00

547/20/21

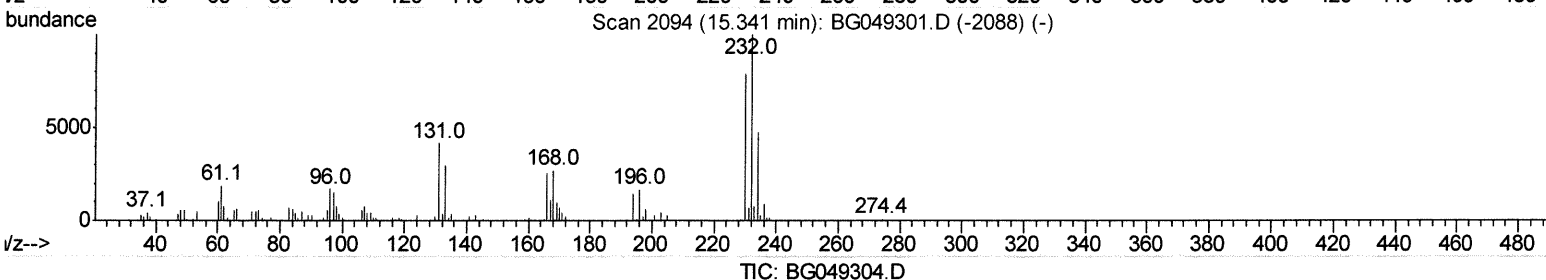
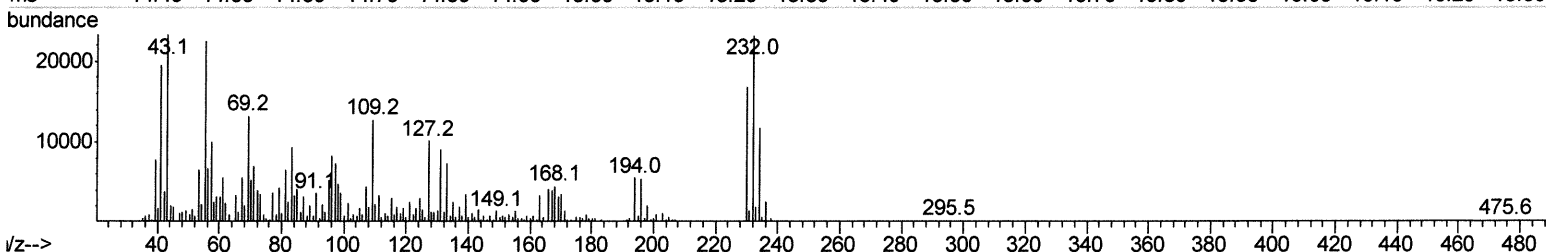
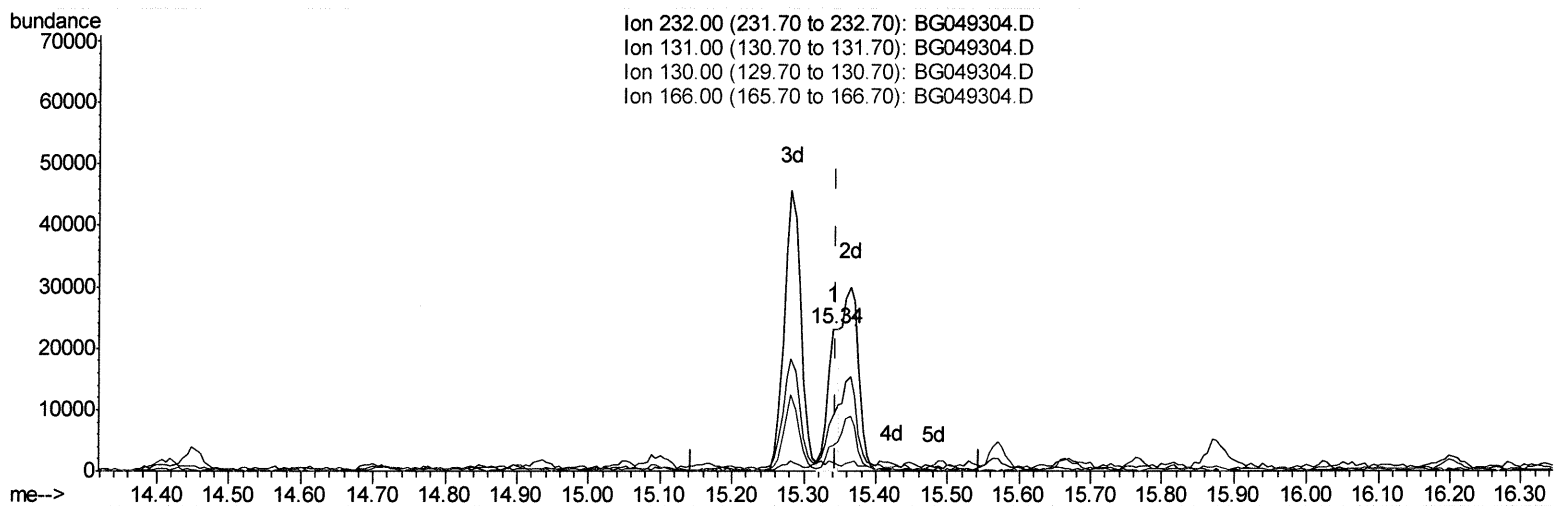
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049304.D
 Acq On : 12 Jul 2021 17:47
 Operator : CG/JU
 Sample : M2958-02DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27DL

Quant Time: Jul 13 01:19:06 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
 7/13/2021 4:40:10 PM



(58) 2,3,4,6-Tetrachlorophenol

15.341min (-0.003) 13.20ng/ul

response 25850

Ion	Exp%	Act%
232.00	100	100
131.00	38.20	38.94
130.00	2.90	6.32#
166.00	27.30	17.68#

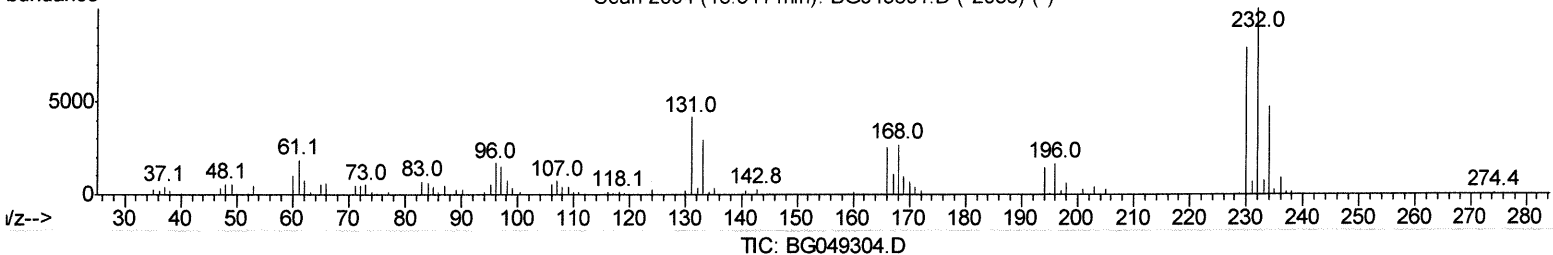
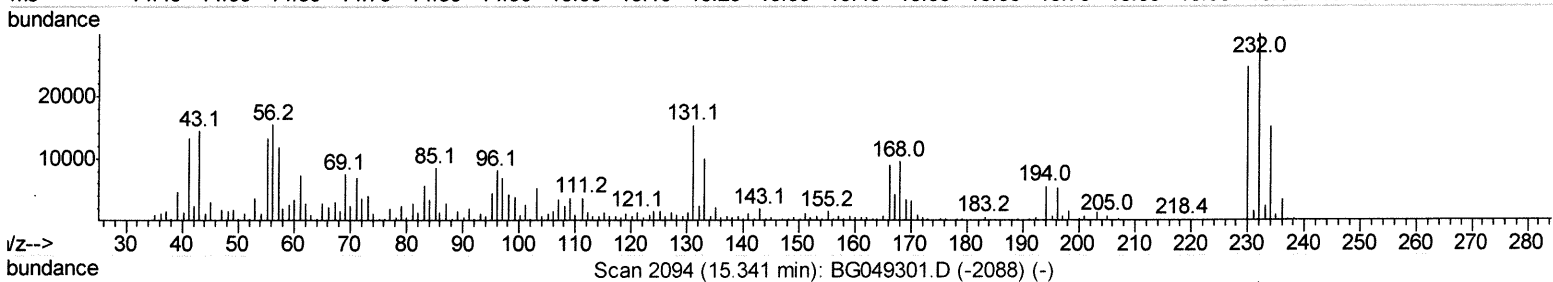
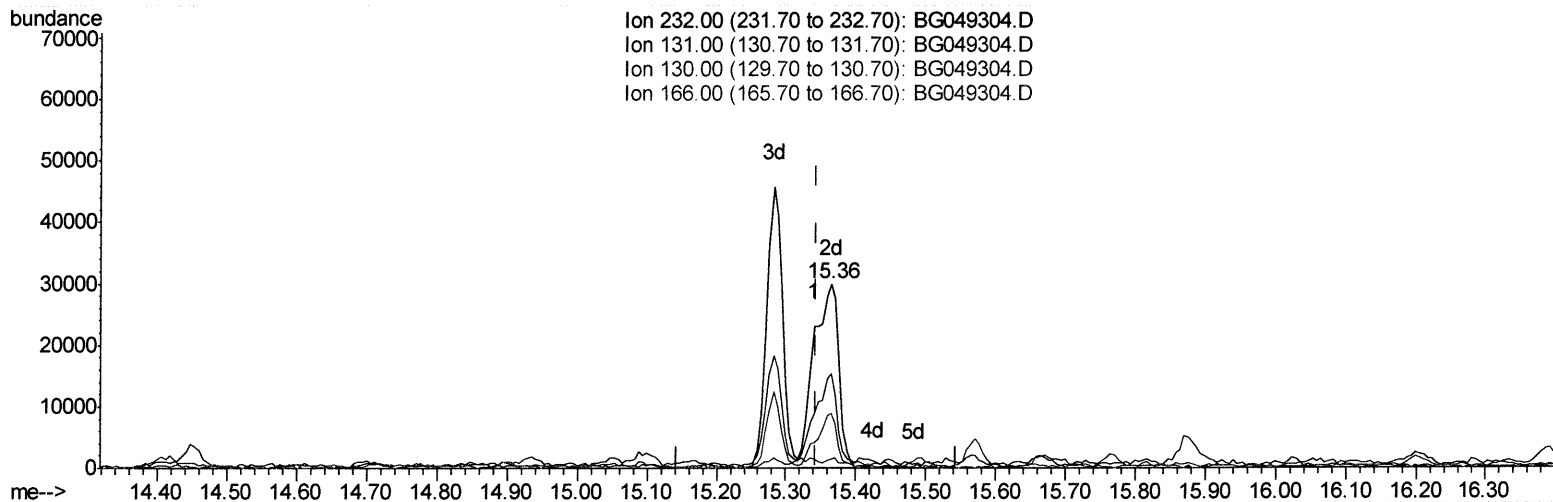
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049304.D
 Acq On : 12 Jul 2021 17:47
 Operator : CG/JU
 Sample : M2958-02DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27DL

Manual Integrations
 APPROVED

mohammad
 7/13/2021 4:40:10 PM

Quant Time: Jul 13 01:19:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
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 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration



(58) 2,3,4,6-Tetrachlorophenol

15.364min (+0.020) 37.43ng/ul m

response 73316

Ion	Exp%	Act%
232.00	100	100
131.00	38.20	51.01#
130.00	2.90	4.74#
166.00	27.30	29.83

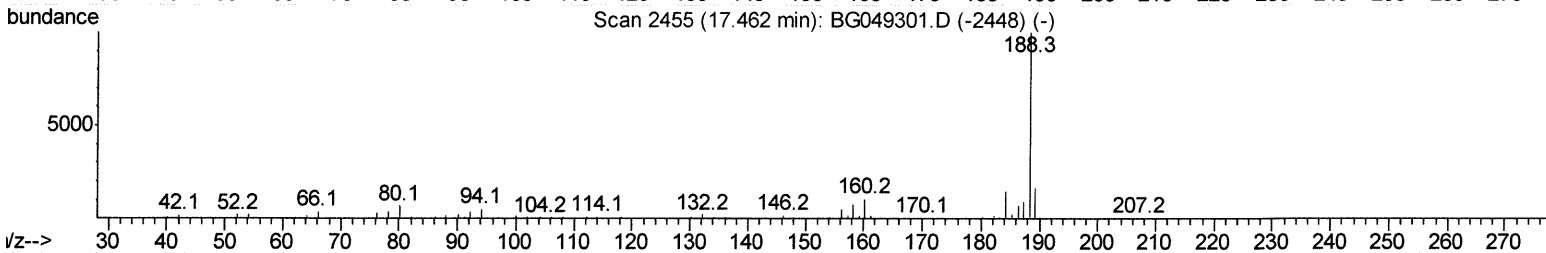
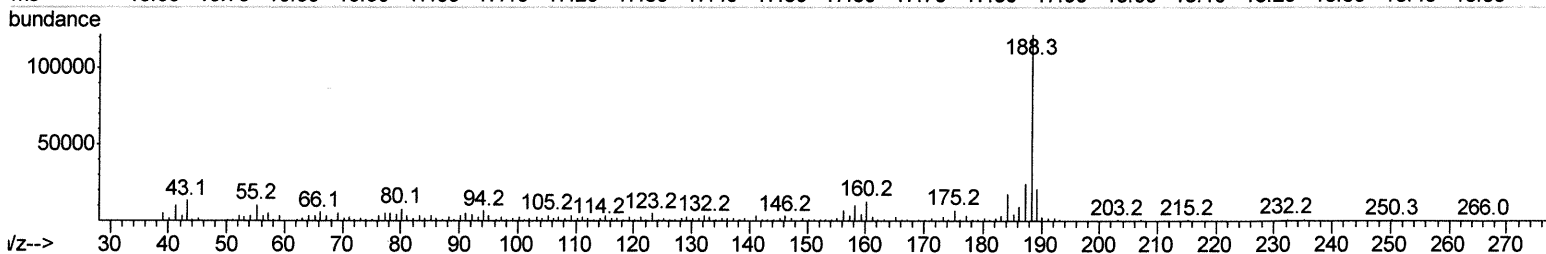
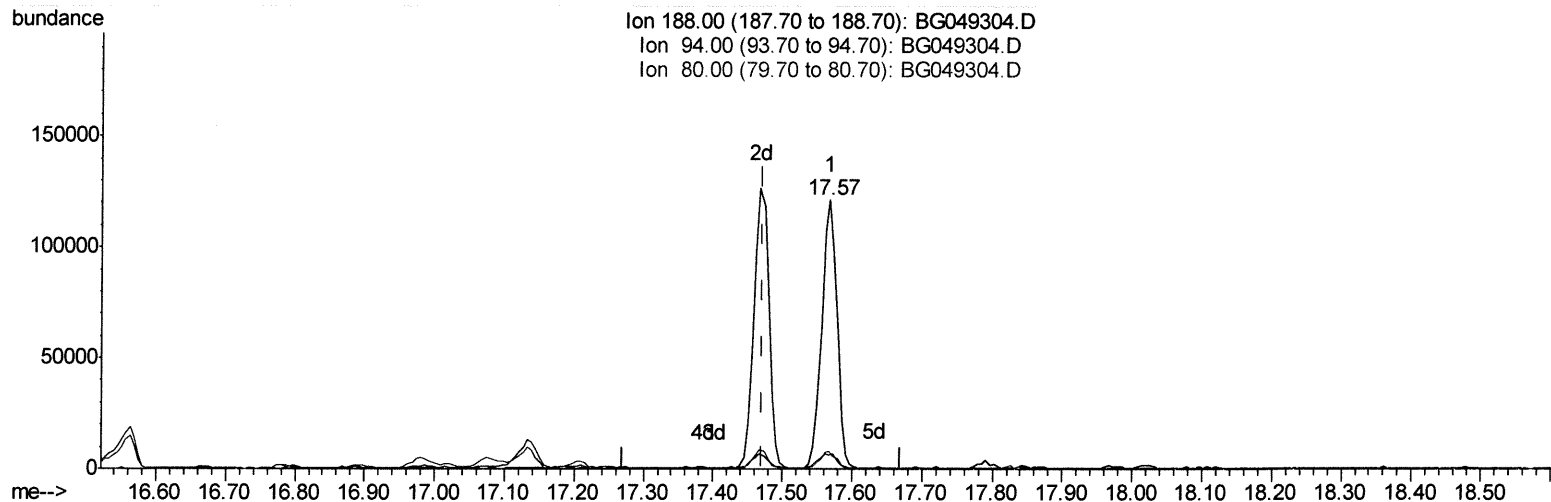
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049304.D
 Acq On : 12 Jul 2021 17:47
 Operator : CG/JU
 Sample : M2958-02DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27DL

Quant Time: Jul 13 01:20:20 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
 7/13/2021 4:40:10 PM



TIC: BG049304.D

(64) Phenanthrene-d10 (I)

17.567min (+0.097) 20.00ng/ul

response 183068

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	5.43
80.00	7.20	6.59
0.00	0.00	0.00

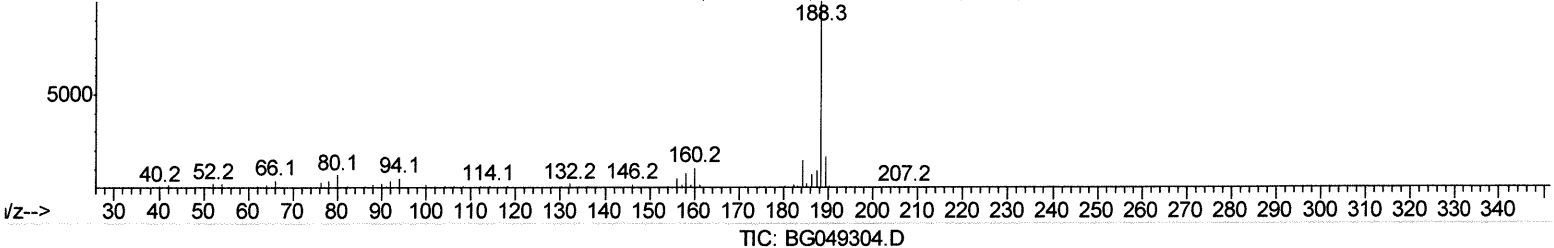
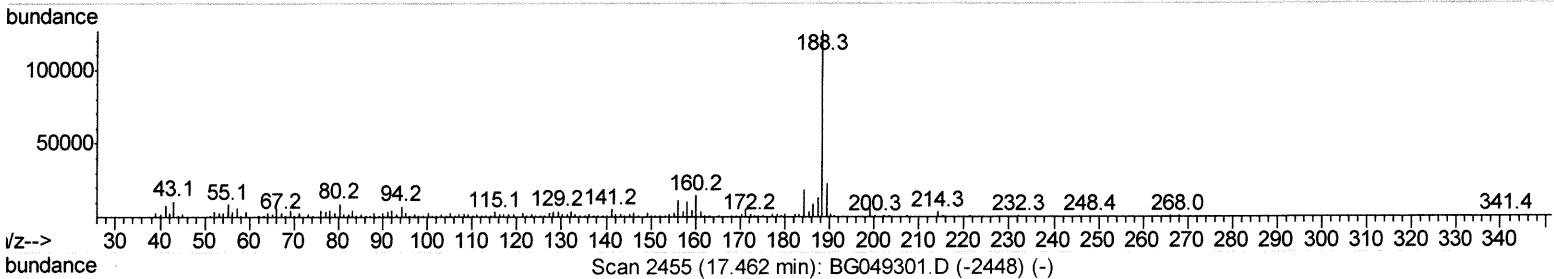
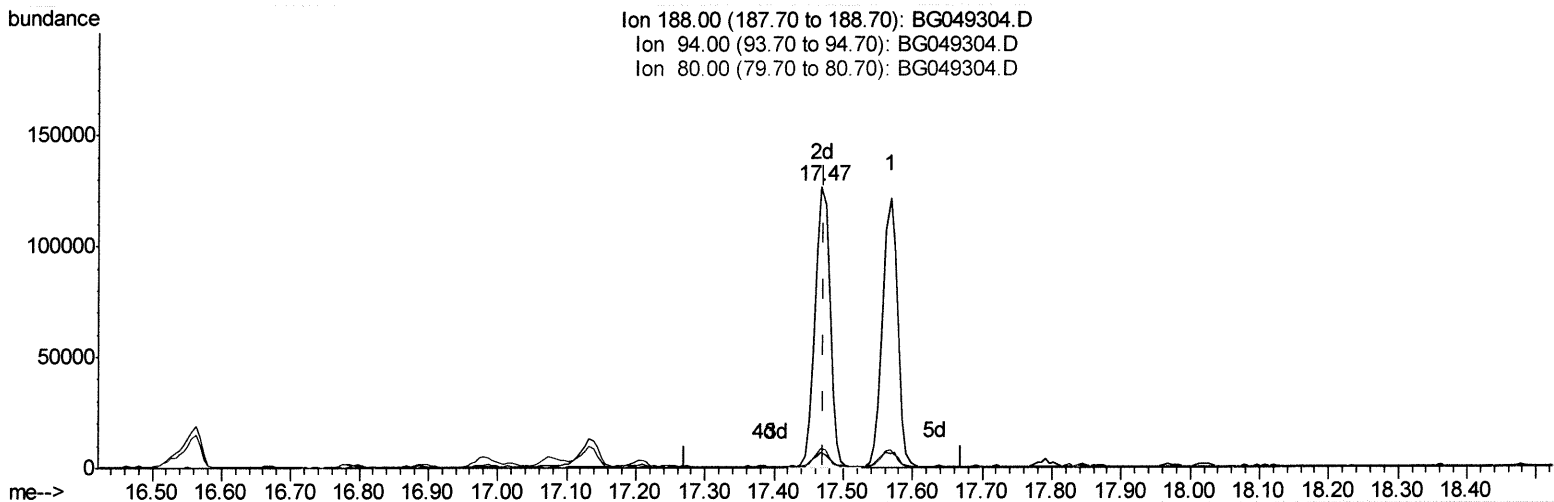
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
 Data File : BG049304.D
 Acq On : 12 Jul 2021 17:47
 Operator : CG/JU
 Sample : M2958-02DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27DL

Manual Integrations
 APPROVED

mohammad
 7/13/2021 4:40:10 PM

Quant Time: Jul 13 01:20:20 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



(64) Phenanthrene-d10 (I)

17.468min (-0.003) 20.00ng/ul m

response 192951

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	5.68#
80.00	7.20	7.02
0.00	0.00	0.00

Handwritten: 7/20/21

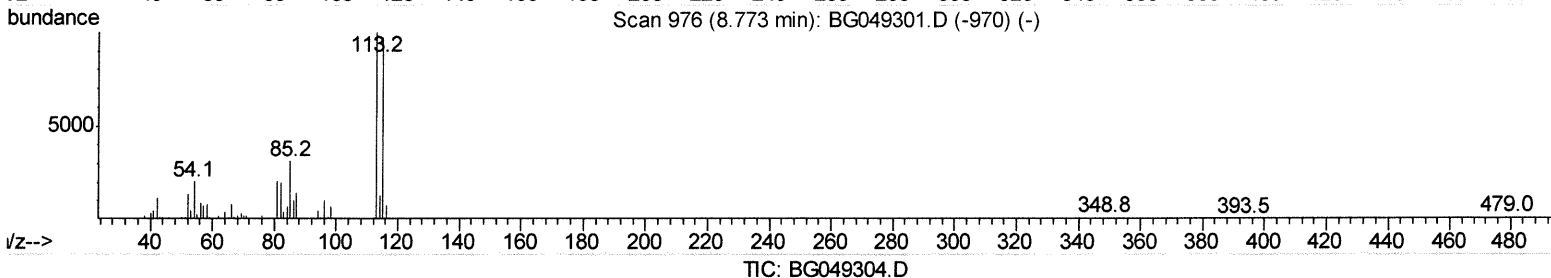
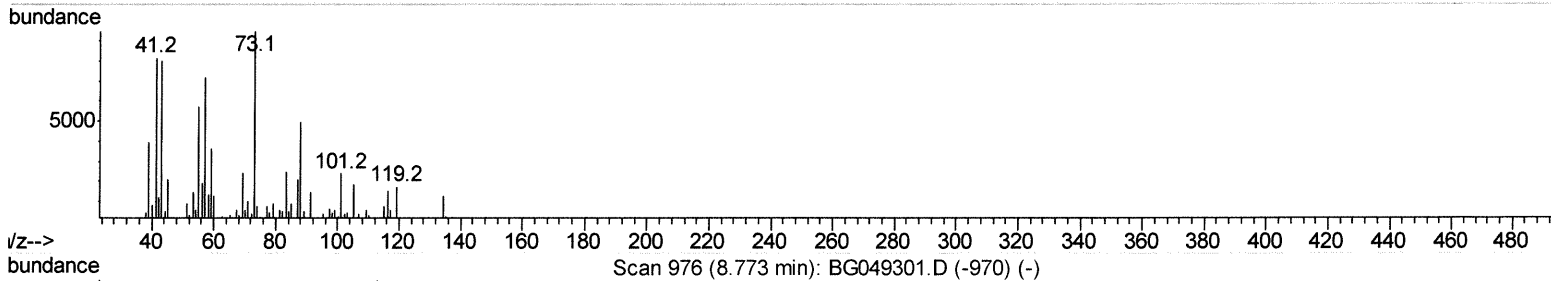
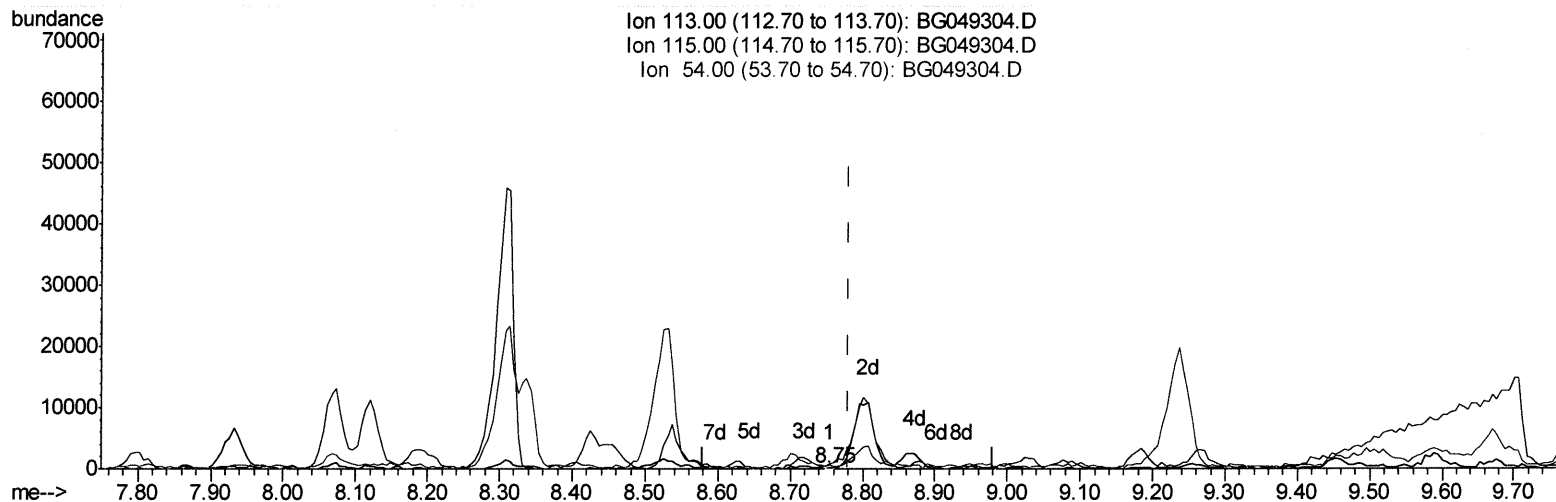
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Manual Integrations
 APPROVED

mohammad
 7/13/2021 4:40:10 PM

Quant Time: Jul 13 08:26:32 2021
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(15) 4-Methylphenol-d8 (S)

8.754min (-0.027) 0.05ng/ui

response 128

Ion	Exp%	Act%
113.00	100	100
115.00	99.50	411.41#
54.00	19.50	308.70#
0.00	0.00	0.00

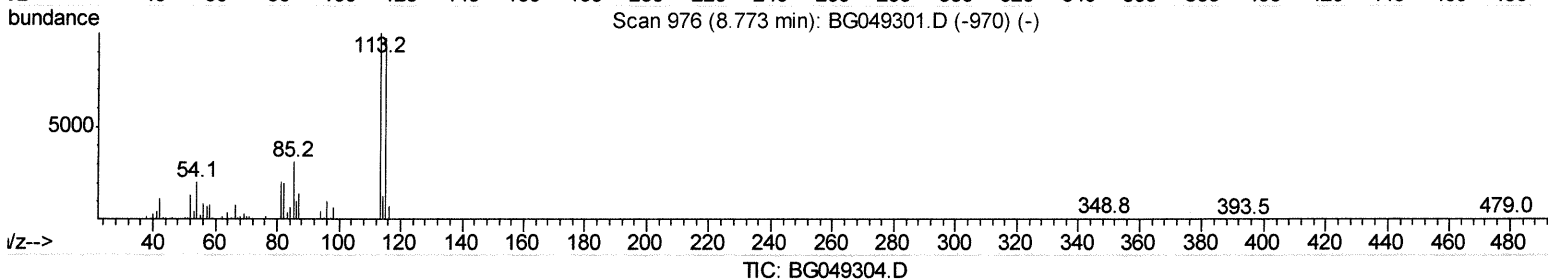
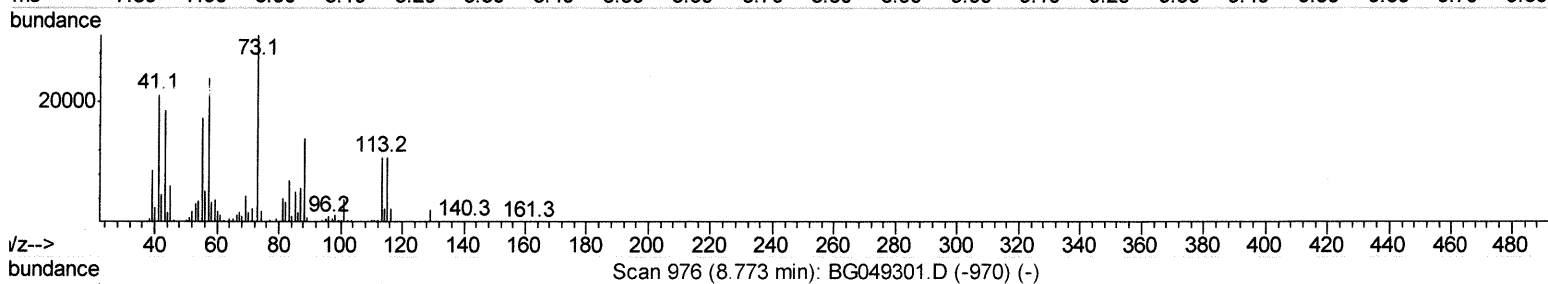
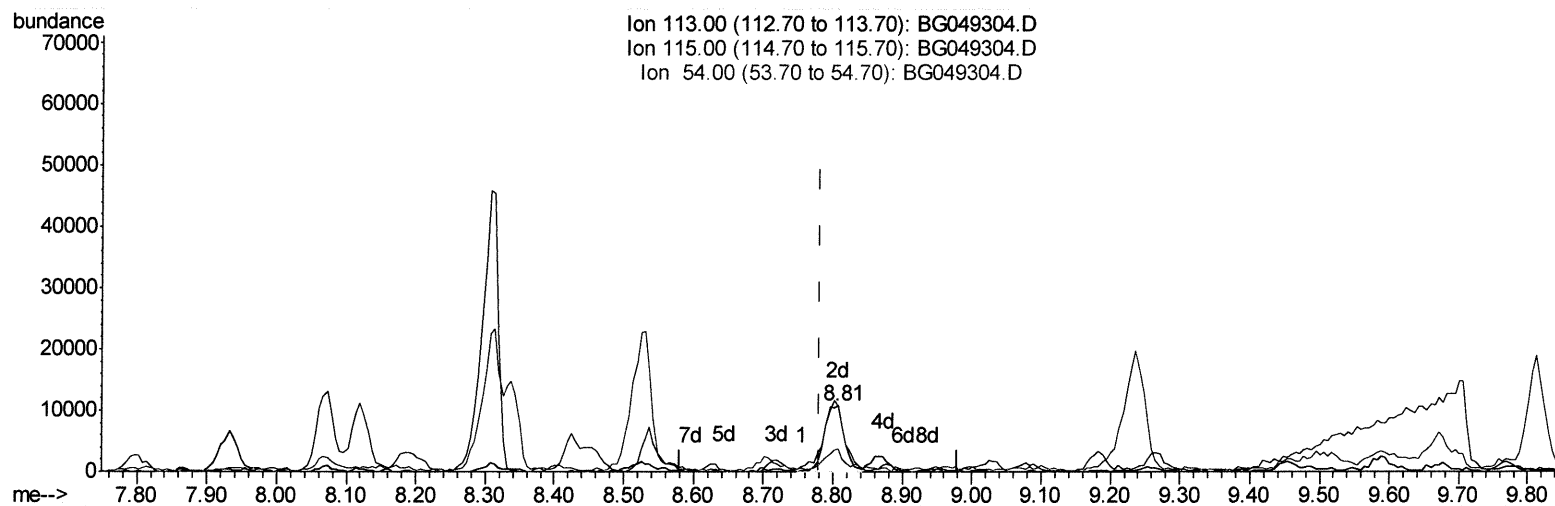
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Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Jul 13 08:26:32 2021
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(15) 4-Methylphenol-d8 (S)

8.807min (+0.026) 9.24ng/ul m

response 21908

Ion	Exp%	Act%
113.00	100	100
115.00	99.50	99.30
54.00	19.50	33.94#
0.00	0.00	0.00

Jul 13/2021

Quantitation Report (LSC Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	34008	20.00	ng/ul	-0.02
20) Naphthalene-d8	10.89	136	129449	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	96671	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	192951m	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	204243	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	223114	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1261	1.74	ng/uL	0.00
4) Pvrindine-d5	3.90	84	14377	6.76	ng/ul	0.00
7) Phenol-d5	0.00	99	0d	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	7.39	67	28105	16.38	ng/ul	0.00
11) 2-Chlorophenol-d4	7.63	132	29945	13.70	ng/ul	0.02
15) 4-Methylphenol-d8	8.81	113	21908m	9.24	ng/ul	0.03
21) Nitrobenzene-d5	9.24	128	19926	20.06	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	21271	18.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.53	165	38115	17.13	ng/ul	0.01
31) 4-Chloroaniline-d4	11.03	131	13616m	4.70	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	136201	18.32	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	162302	18.61	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.71	176	113546	18.04	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	23509	19.17	ng/ul	0.00
73) Anthracene-d10	17.57	188	183068	20.84	ng/ul	0.00
81) Pyrene-d10	19.85	212	212890	20.34	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	235614	20.31	ng/ul	-0.02

Target Compounds

					Ovalue	
8) Phenol	7.30	94	105556	35.680	ng/ul	95
23) Isophorone	9.81	82	143318	29.617	ng/ul#	96
30) Naphthalene	10.94	128	81218	12.584	ng/ul	97
36) 2-Methylnaphthalene	12.54	142	29066	5.927	ng/ul	85
37) 1-Methylnaphthalene	12.76	142	29461	6.041	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.25	196	13818m	6.615	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.36	232	73316m	37.426	ng/ul	
71) Pentachlorophenol	17.14	266	804280	552.901	ng/ul	97

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