

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040819.D
 Acq On : 9 May 2019 12:45
 Operator : HP/JU
 Sample : K2698-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE

Manual Integrations
 APPROVED

Quant Time: May 09 16:03:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42286	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	167874	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	125580	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	345611	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	338586	20.00	ng	-0.03
87) Perylene-d12	25.14	264	273443	20.00	ng	-0.06

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System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	335942	140.04	ng	-0.01
7) Phenol-d6	7.28	99	467551	126.59	ng	-0.01
23) Nitrobenzene-d5	9.32	82	397968	109.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	302687	175.36	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	870547	100.11	ng	-0.02
79) Terphenyl-d14	20.11	244	1687810	110.44	ng	-0.02

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Target Compounds

						Qvalue
10) Phenol	7.30	94	31312	7.886	ng	86
20) 3+4-Methylphenols	8.89	107	121280	30.984	ng	90
32) Benzoic acid	10.18	122	13117m	7.349	ng	
50) Dimethylphthalate	14.21	163	71345	6.790	ng	99

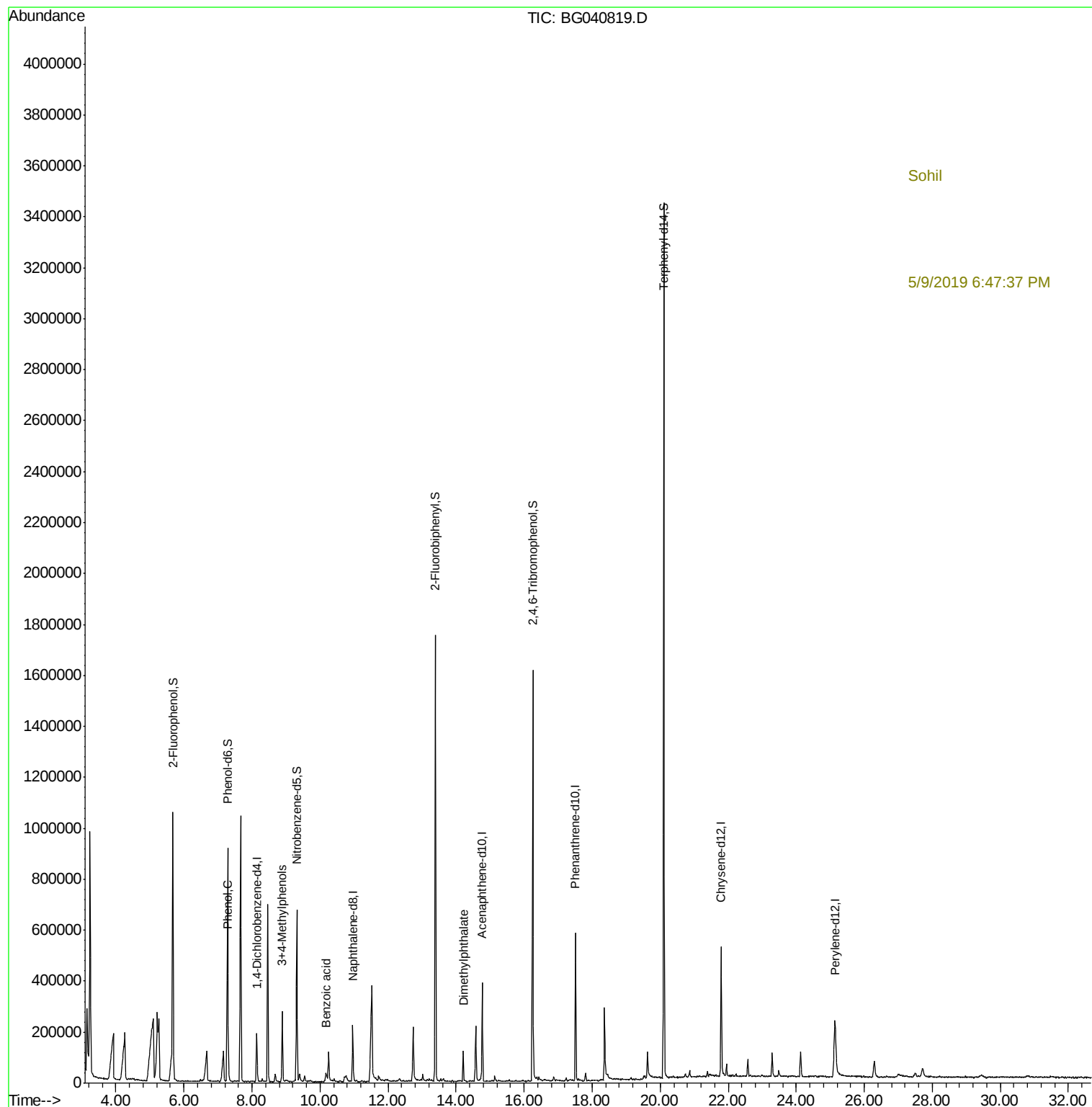
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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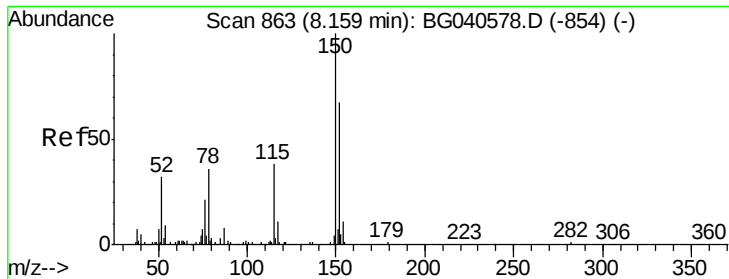
Manual Integrations
APPROVED

Quant Time: May 09 16:03:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
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Response via : Initial Calibration



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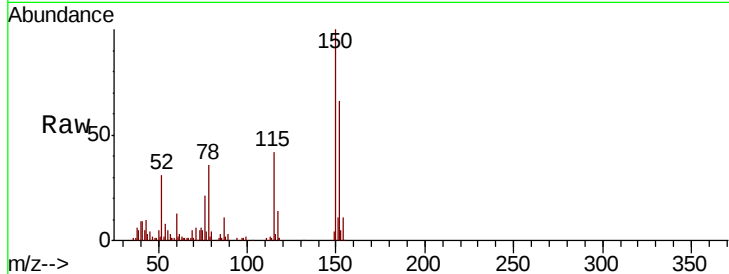
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040819.D
Acq: 9 May 2019 12:45

Instrument :
BNA_G
ClientSampleId :
STOCKPILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	120.2	180.2
115	64.5	46.2	69.2

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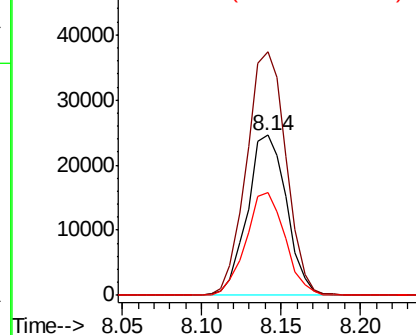


Abundance

Ion 152.00 (151.70 to 152.70): E

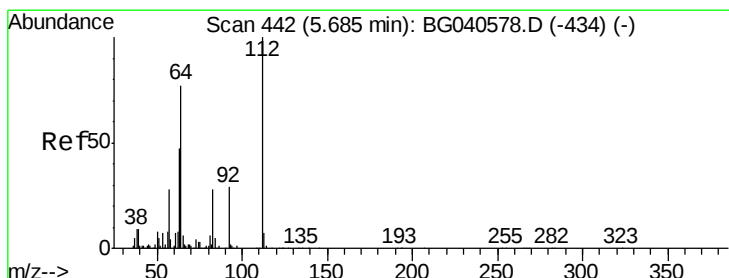
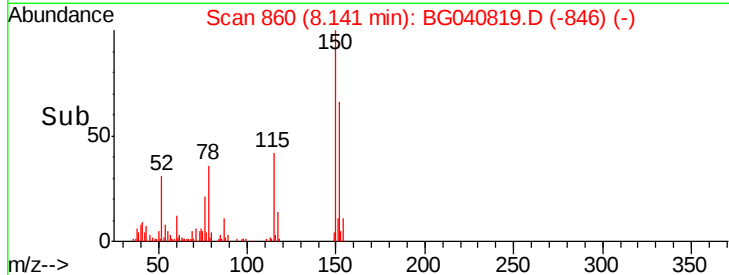
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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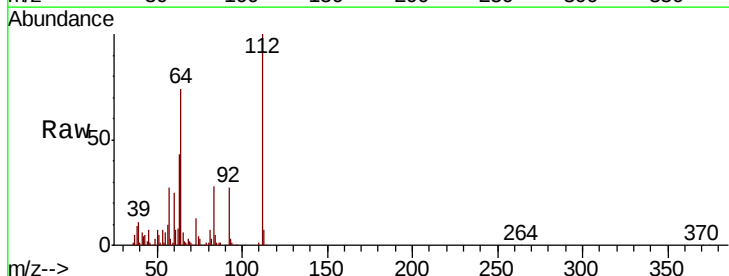
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#5

2-Fluorophenol
Concen: 140.043 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040819.D
Acq: 9 May 2019 12:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	61.4	92.0
63	43.2	37.8	56.6

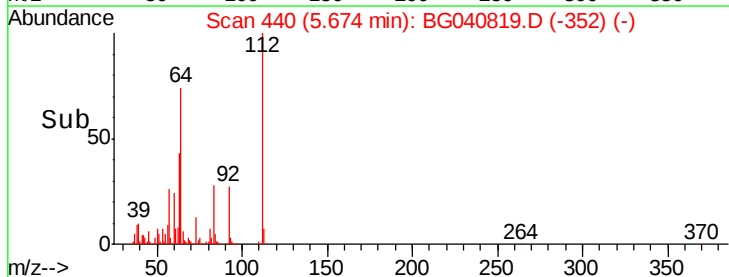
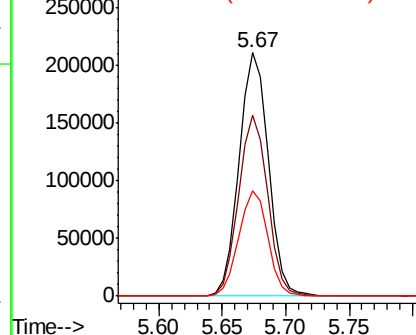


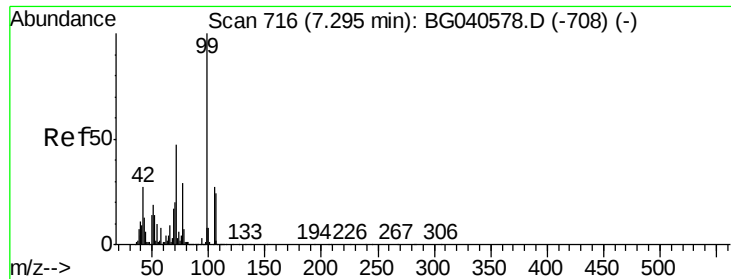
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.586 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040819.D

Acq: 9 May 2019 12:45

Instrument :

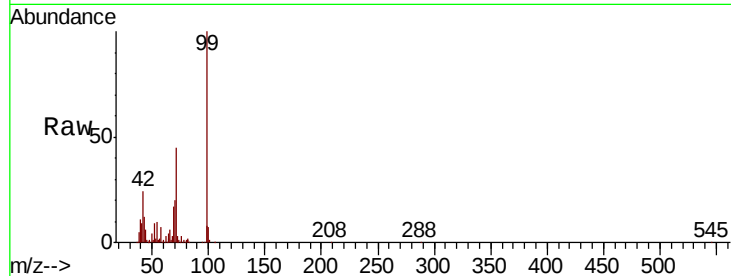
BNA_G

ClientSampled :

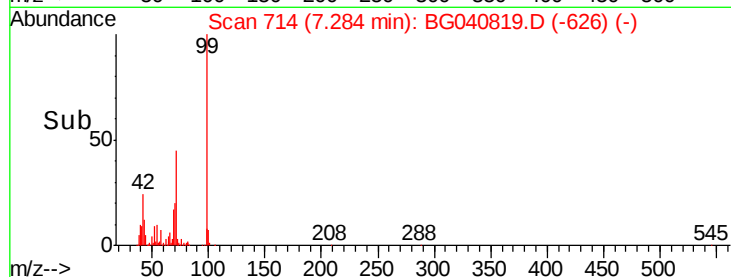
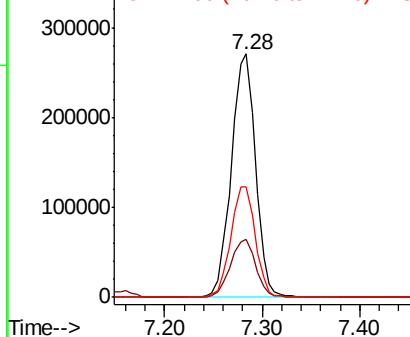
STOCKPILE

Tot Ion:	99	Resp:	467551
Ion Ratio	Lower	Upper	
99	100		
42	24.0	21.8	32.8
71	45.3	38.6	57.8

Manual Integrations
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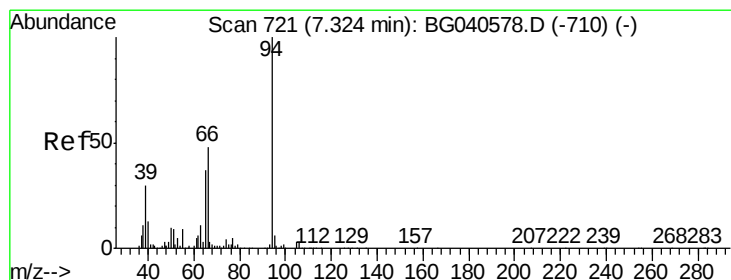


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#10

Phenol

Concen: 7.886 ng

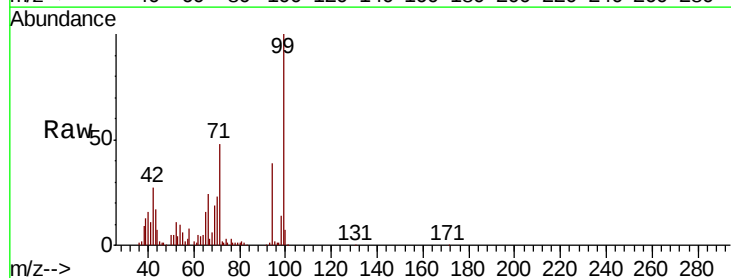
RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

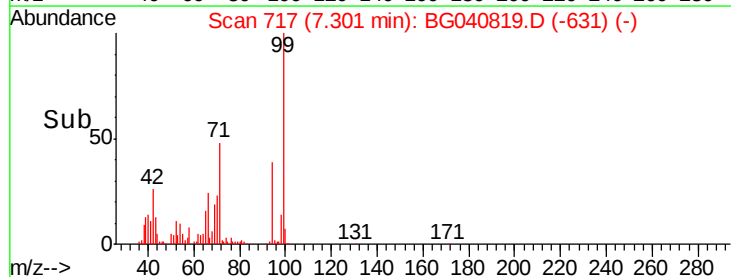
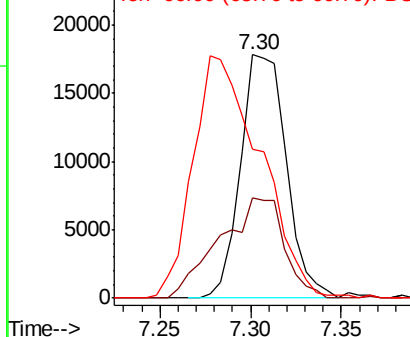
Lab File: BG040819.D

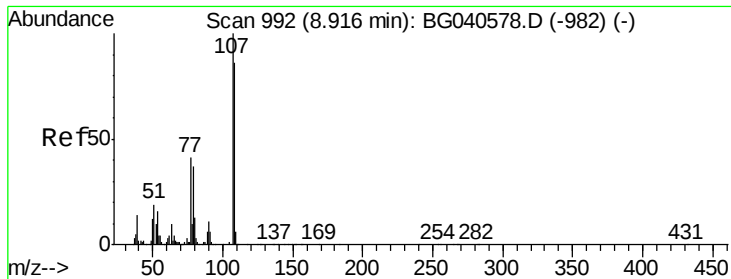
Acq: 9 May 2019 12:45

Tgt Ion:	94	Resp:	31312
Ion Ratio	Lower	Upper	
94	100		
65	41.2	17.0	57.0
66	61.3	28.6	68.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#20

3+4-Methylphenols

Concen: 30.984 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.03 min

Lab File: BG040819.D

Acq: 9 May 2019 12:45

Instrument :

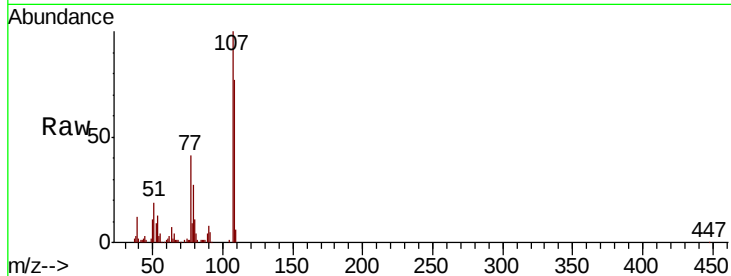
BNA_G

ClientSampleId :

STOCKPILE

Tot Ion	Ratio	Lower	Upper
107	100		
108	76.8	66.1	106.1
77	40.8	21.6	61.6
79	26.6	17.4	57.4

Manual Integrations
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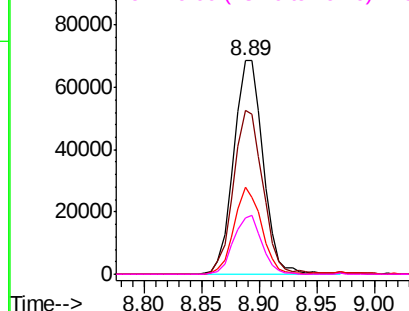
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

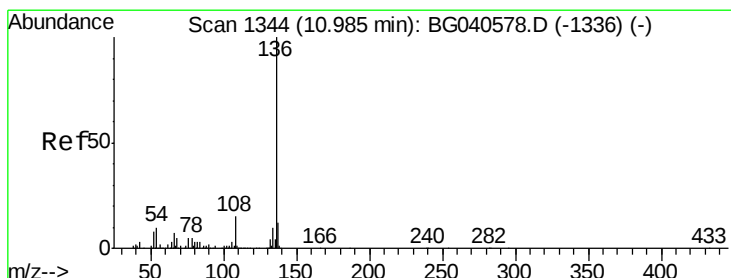
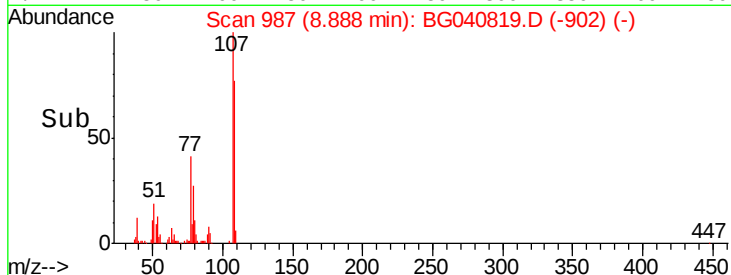
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BG040819.D

Acq: 9 May 2019 12:45

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	10.1	8.6	12.8
68	5.2	4.8	7.2

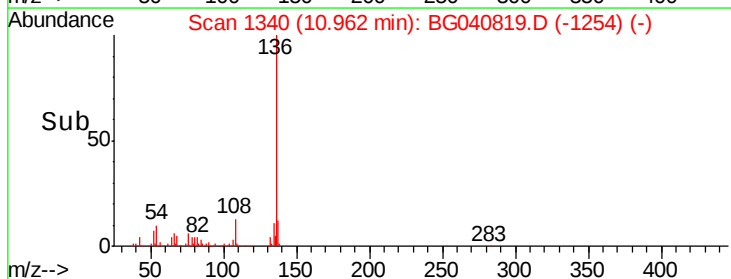
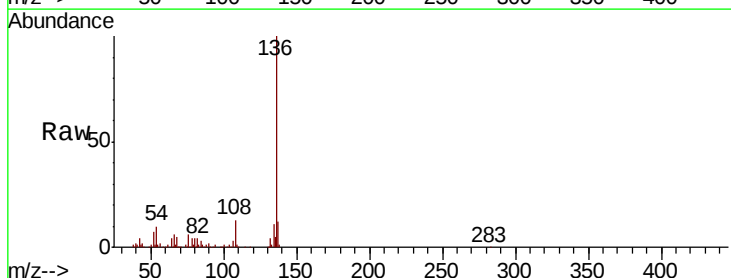
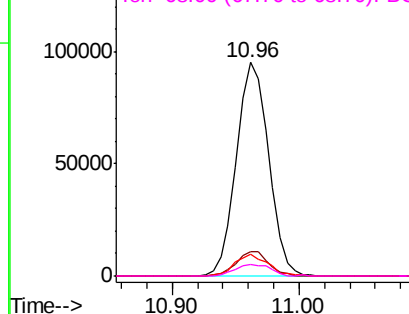
Abundance

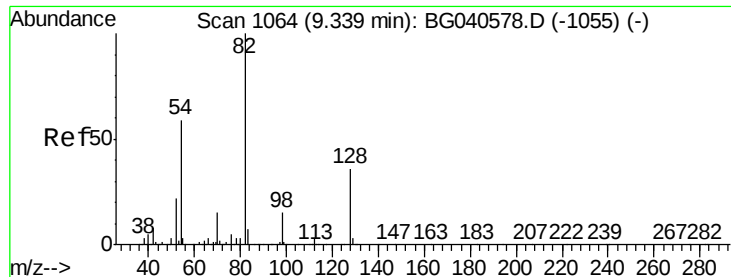
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



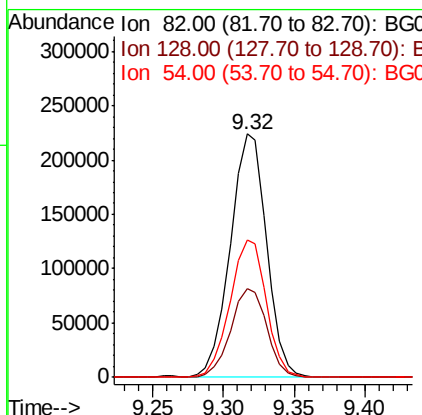
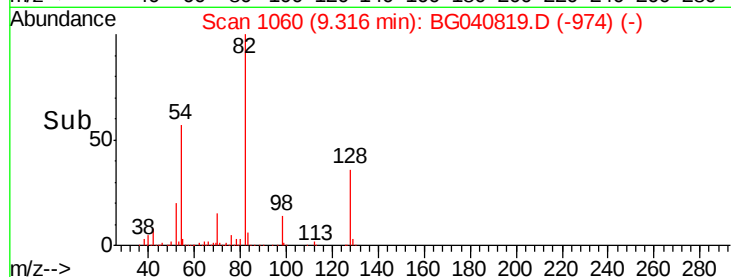
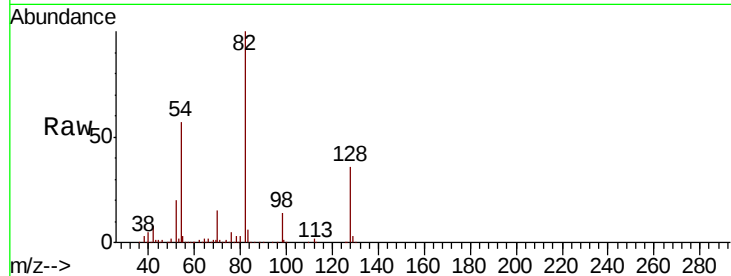


#23
Nitrobenzene-d5
Concen: 109.538 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040819.D
Acq: 9 May 2019 12:45

Instrument :
BNA_G
ClientSampleId :
STOCKPILE

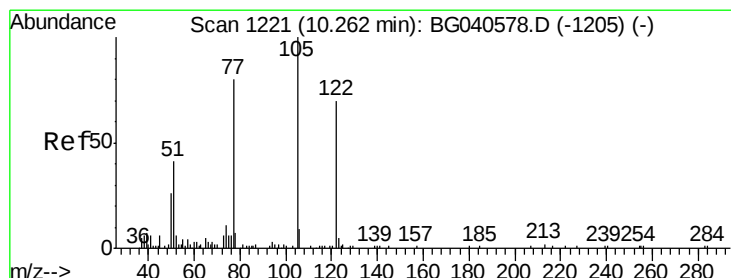
Tot Ion	82	Resp	397968
Ion Ratio	Lower	Upper	
82	100		
128	36.4	28.9	43.3
54	56.6	47.2	70.8

Manual Integrations
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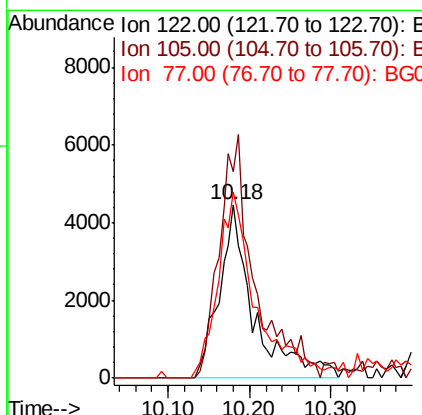
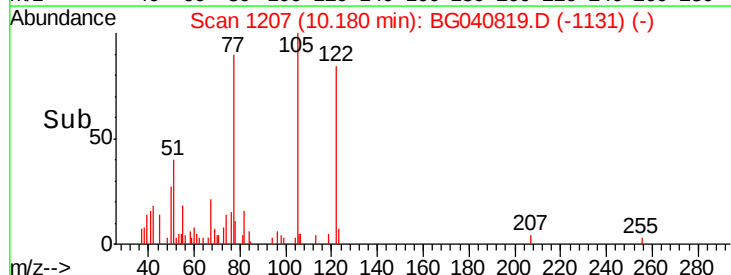
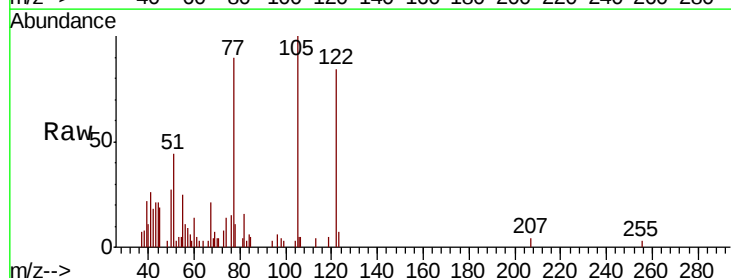
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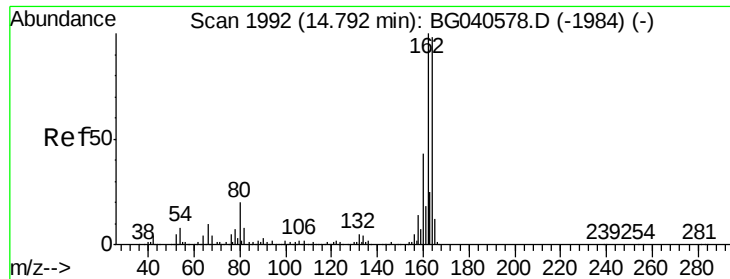
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#32
Benzoic acid
Concen: 7.349 ng m
RT: 10.18 min Scan# 1207
Delta R.T. -0.08 min
Lab File: BG040819.D
Acq: 9 May 2019 12:45

Tgt Ion	122	Resp	13117
Ion Ratio	Lower	Upper	
122	100		
105	119.3	110.9	150.9
77	107.6	87.6	127.6



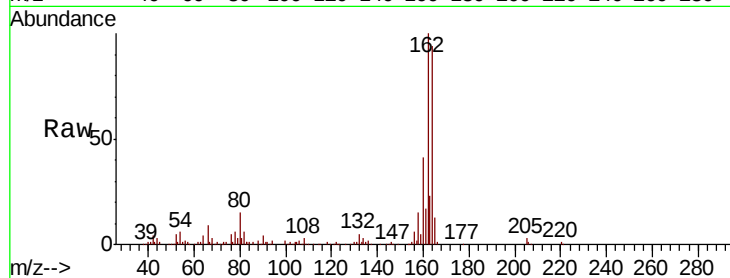


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040819.D
Acq: 9 May 2019 12:45

Instrument :
BNA_G
ClientSampled :
STOCKPILE

Tot Ion:	164	Resp:	125580
Ion Ratio		Lower	Upper
164	100		
162	106.2	81.9	122.9
160	43.3	35.4	53.2

Manual Integrations
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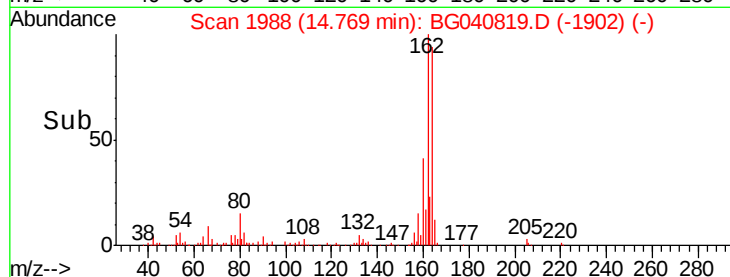
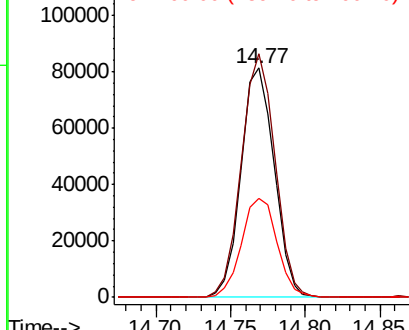


Abundance

Ion 164.00 (163.70 to 164.70): E

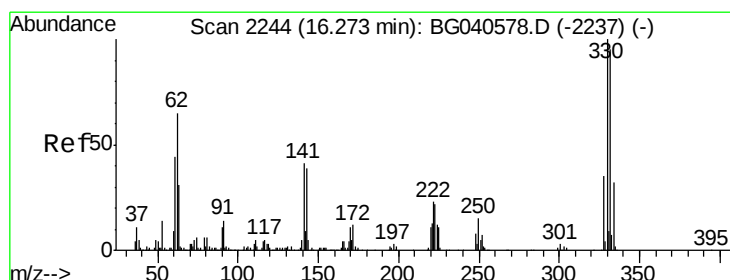
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



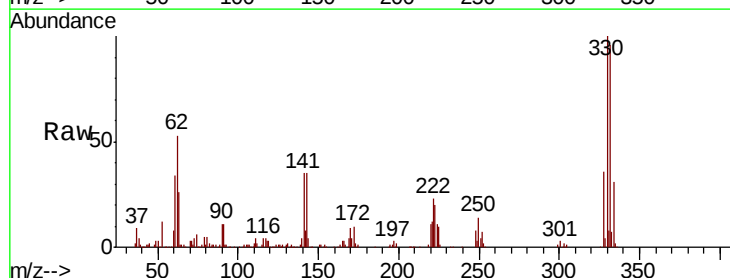
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#42
2,4,6-Tribromophenol
Concen: 175.356 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040819.D
Acq: 9 May 2019 12:45

Tgt Ion:	330	Resp:	302687
Ion Ratio		Lower	Upper
330	100		
332	94.2	75.9	113.9
141	36.9	32.4	48.6

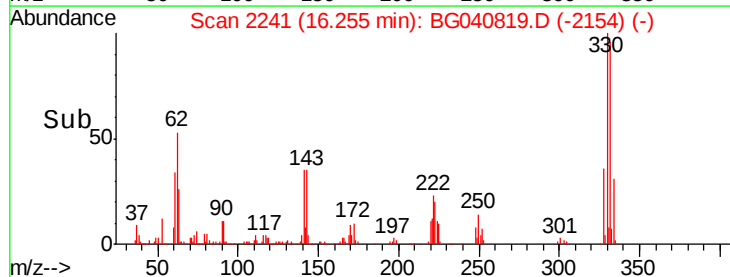
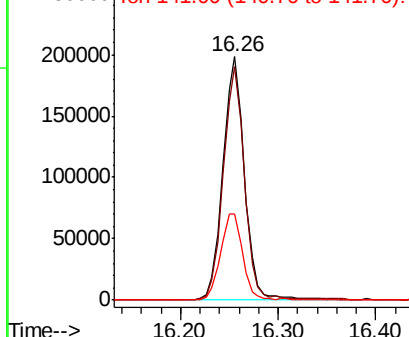


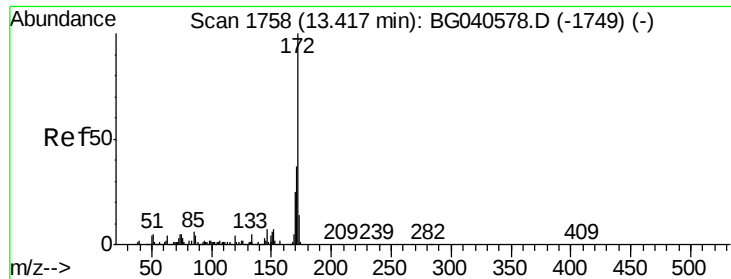
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



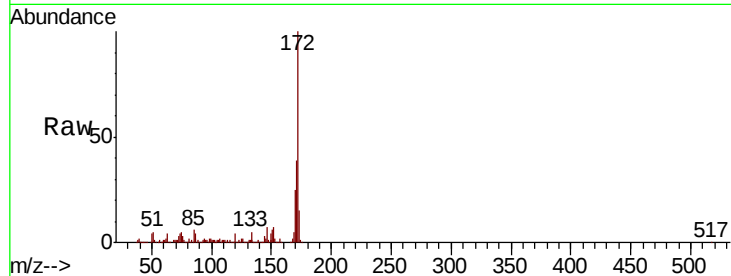


#45
2-Fluorobiphenyl
Concen: 100.115 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040819.D
Acq: 9 May 2019 12:45

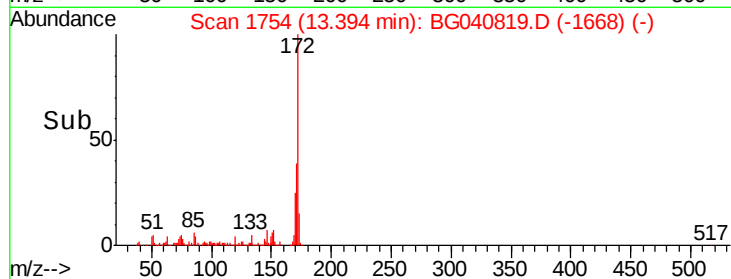
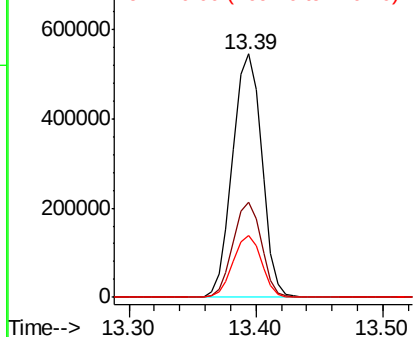
Instrument :
BNA_G
ClientSampleId :
STOCKPILE

Tot Ion:	172	Resp:	870547
Ion Ratio	Lower	Upper	
172	100		
171	39.2	29.4	44.2
170	25.2	19.9	29.9

Manual Integrations
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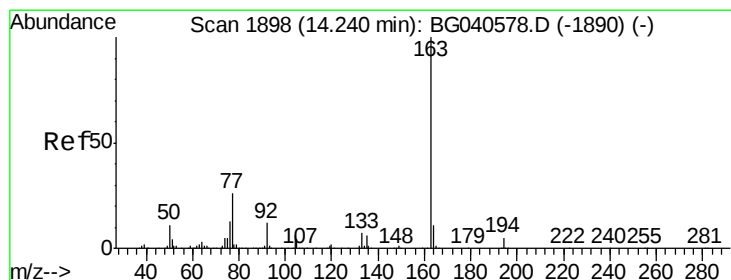


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



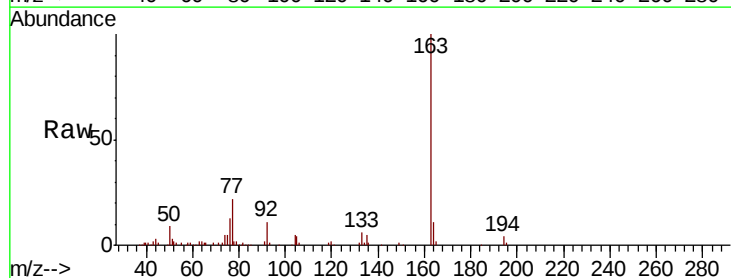
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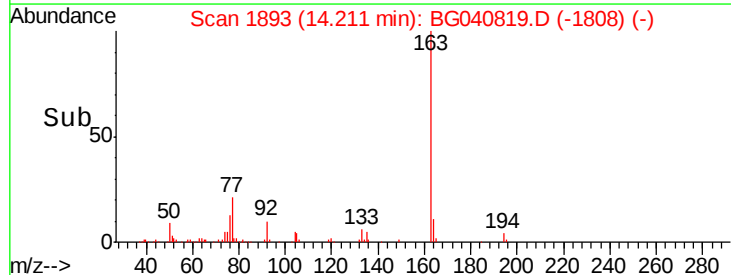
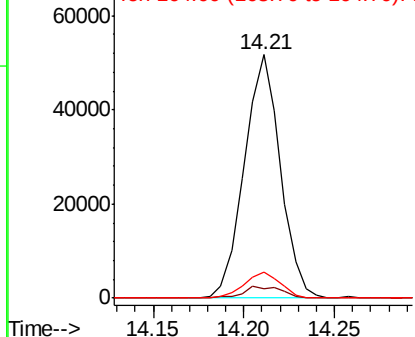


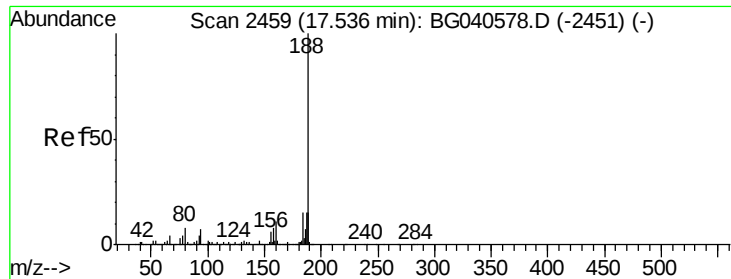
#50
Dimethylphthalate
Concen: 6.790 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040819.D
Acq: 9 May 2019 12:45

Tgt Ion:	163	Resp:	71345
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.8	5.8
164	10.9	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040819.D

Acq: 9 May 2019 12:45

Instrument :

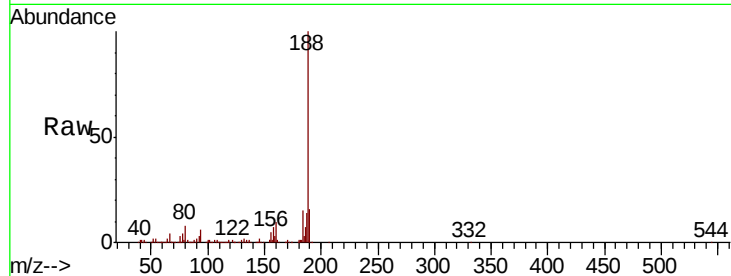
BNA_G

ClientSampled :

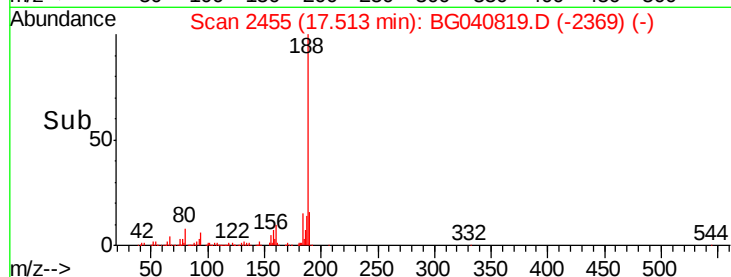
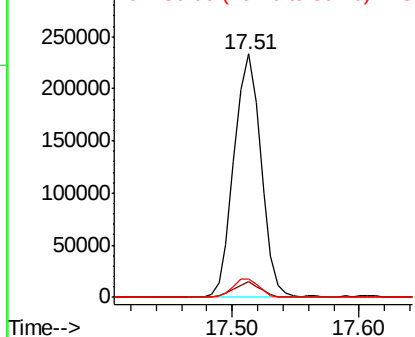
STOCKPILE

Tot Ion:	188	Resp:	345611
Ion Ratio	Lower	Upper	
188	100		
94	6.3	5.6	8.4
80	7.7	6.4	9.6

Manual Integrations
APPROVED

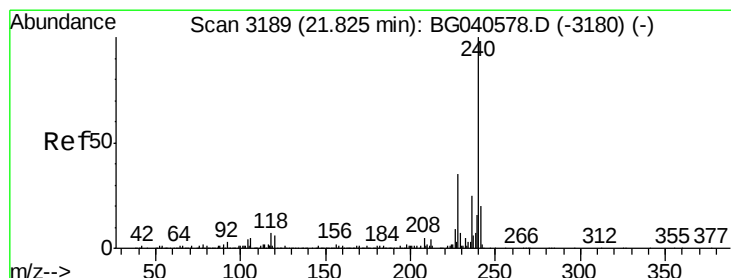


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG



Sohil

5/9/2019 6:47:37 PM



#76

Chrysene-d12

Concen: 20.000 ng

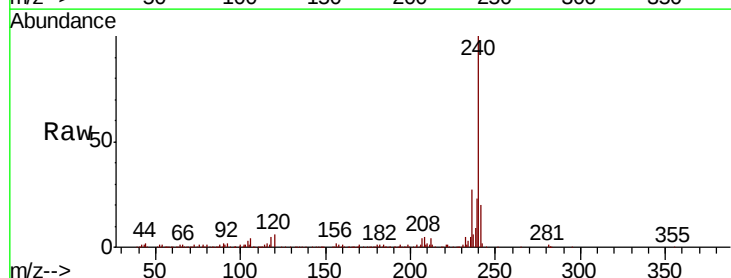
RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

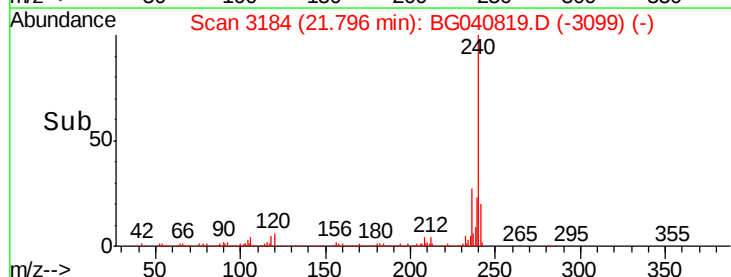
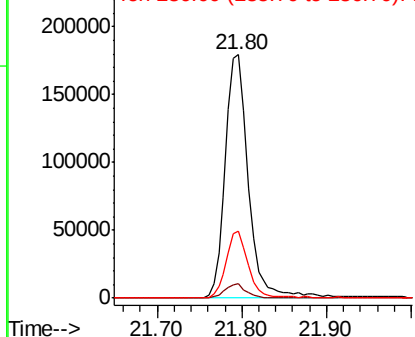
Lab File: BG040819.D

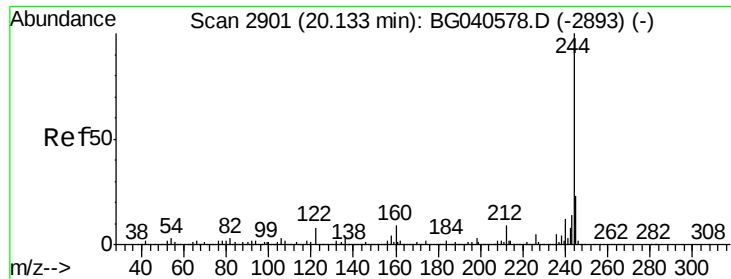
Acq: 9 May 2019 12:45

Tgt Ion:	240	Resp:	338586
Ion Ratio	Lower	Upper	
240	100		
120	5.8	5.0	7.6
236	27.5	20.3	30.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 110.436 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040819.D

Acq: 9 May 2019 12:45

Instrument :

BNA_G

ClientSampled :

STOCKPILE

Tot Ion:244 Resp: 1687810

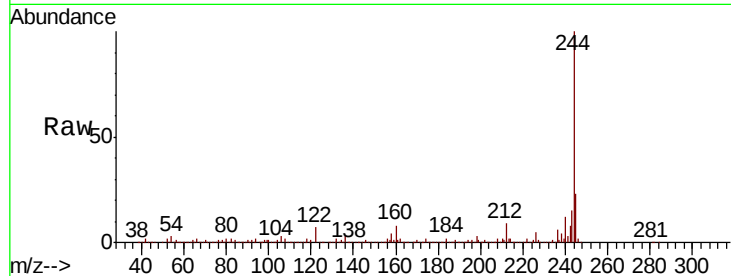
Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

122 7.2 6.6 10.0

Manual Integrations
APPROVED

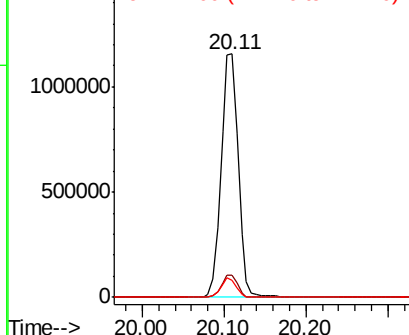
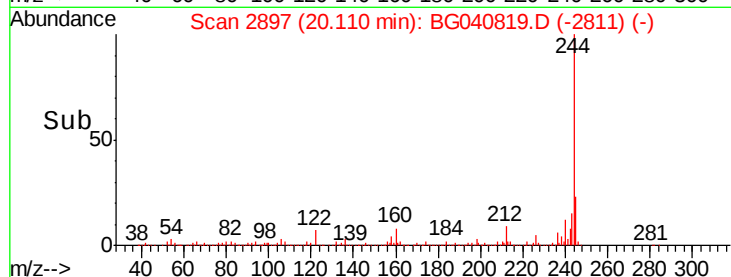


Abundance

Ion 244.00 (243.70 to 244.70): E

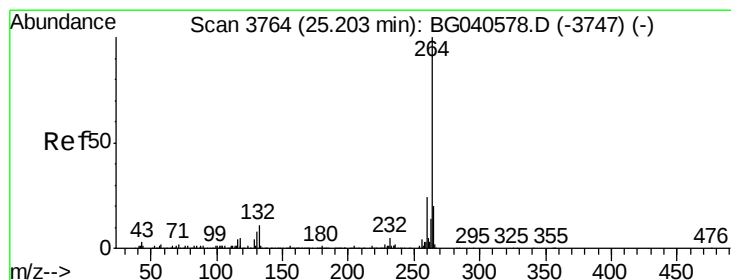
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Sohil

5/9/2019 6:47:37 PM



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3754

Delta R.T. -0.06 min

Lab File: BG040819.D

Acq: 9 May 2019 12:45

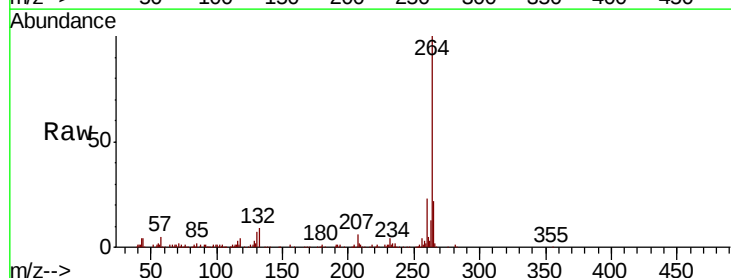
Tgt Ion:264 Resp: 273443

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.7 16.6 25.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

