

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043546.D
 Acq On : 7 Nov 2019 19:30
 Operator : JU
 Sample : K5723-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9-A

Quant Time: Nov 08 04:47:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

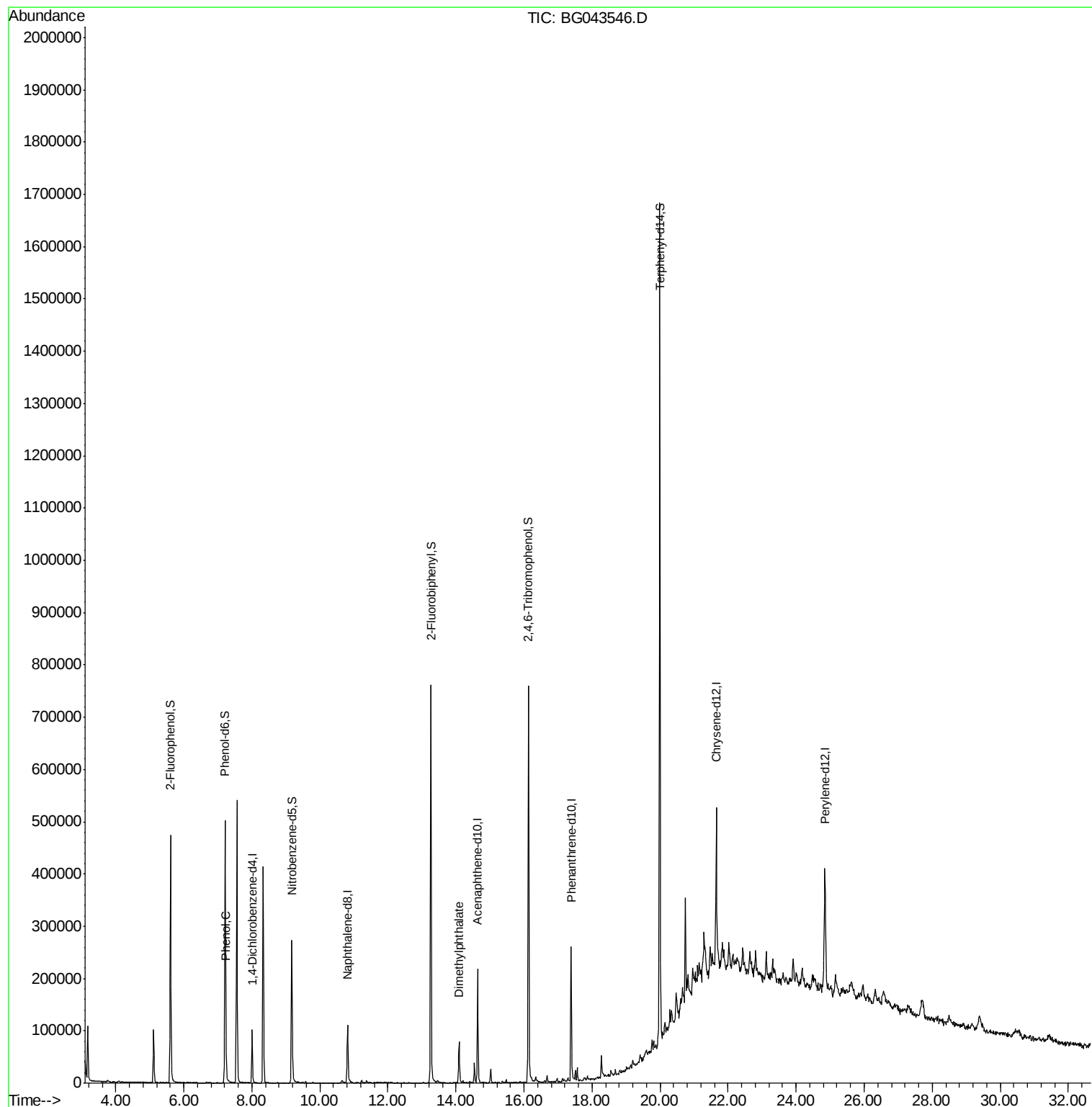
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30996	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	109974	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	81626	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	197983	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	199506	20.00	ng	0.00
87) Perylene-d12	24.85	264	236904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	226827	134.10	ng	0.01
7) Phenol-d6	7.22	99	310255	127.48	ng	0.02
23) Nitrobenzene-d5	9.17	82	193639	90.78	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	186060	119.78	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	466187	78.92	ng	0.00
79) Terphenyl-d14	19.99	244	842320	79.21	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12582	5.658	ng	93
50) Dimethylphthalate	14.09	163	64432	10.191	ng	98

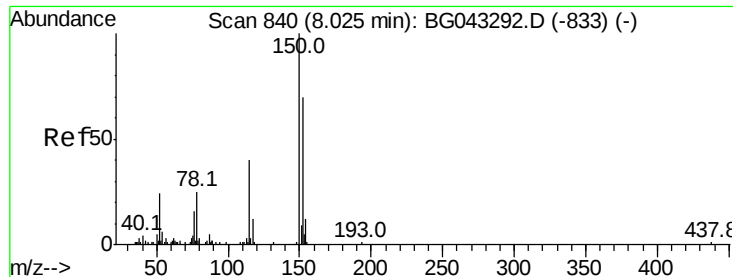
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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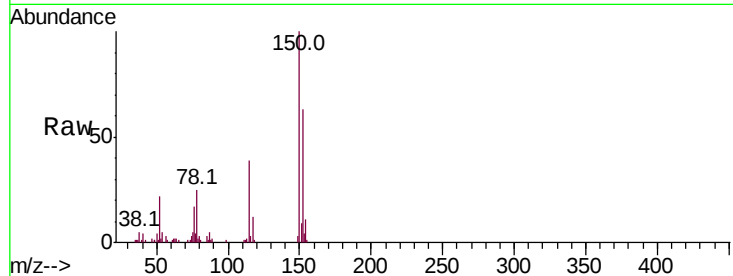


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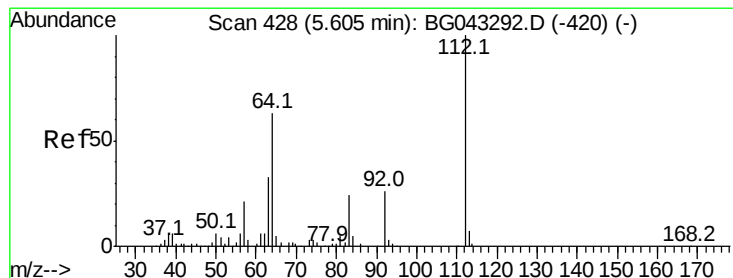
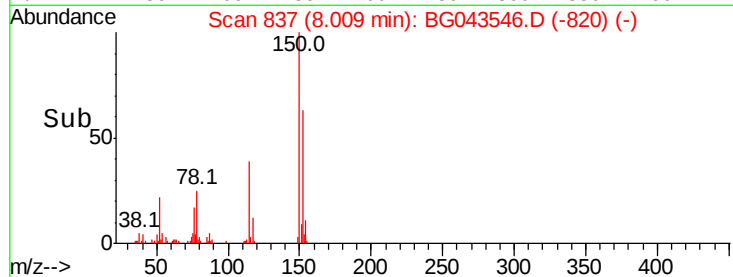
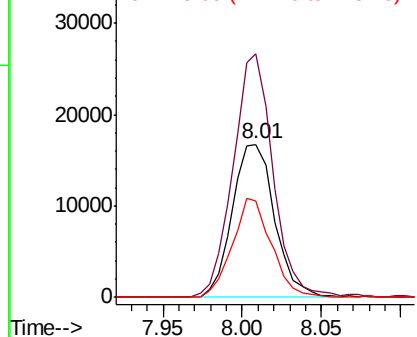
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:152 Resp: 30996
Ion Ratio Lower Upper
152 100
150 159.4 129.4 194.0
115 63.0 48.8 73.2



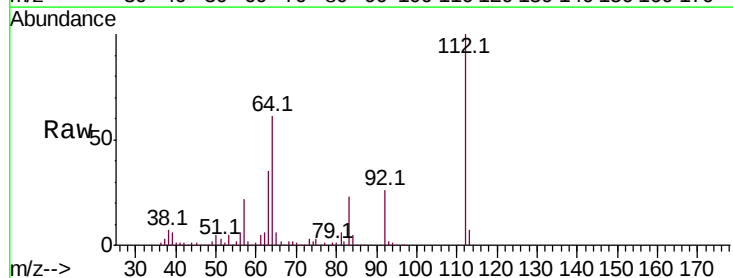
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



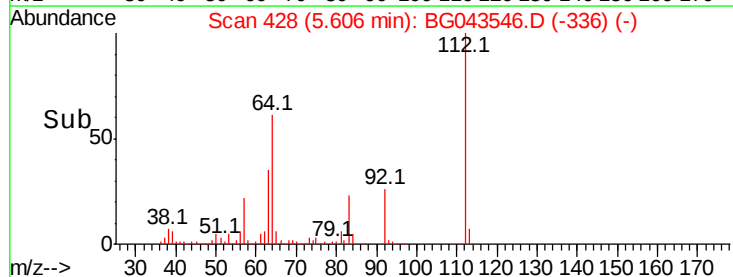
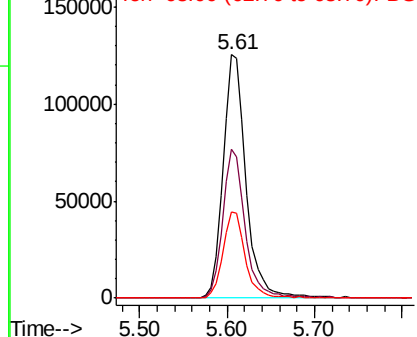
#5

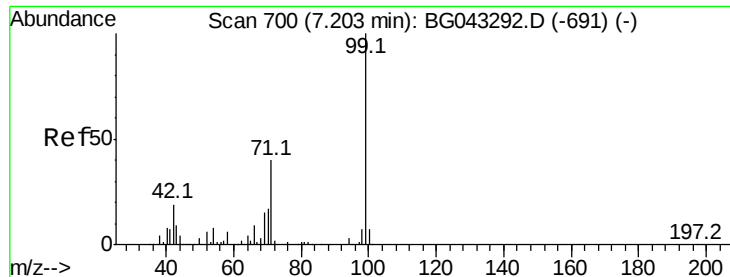
2-Fluorophenol
Concen: 134.097 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Tgt Ion:112 Resp: 226827
Ion Ratio Lower Upper
112 100
64 61.1 50.0 75.0
63 35.4 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 127.484 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043546.D

Acq: 7 Nov 2019 19:30

Instrument :

BNA_G

ClientSampleId :

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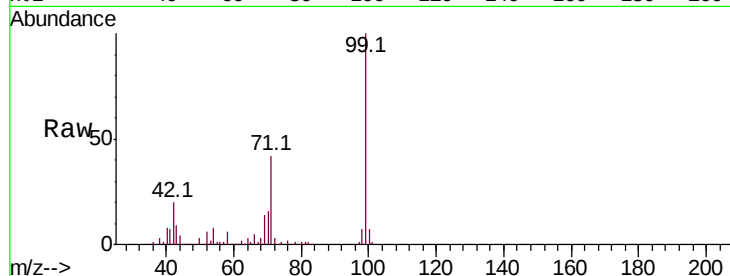
Tot Ion: 99 Resp: 310255

Ion Ratio Lower Upper

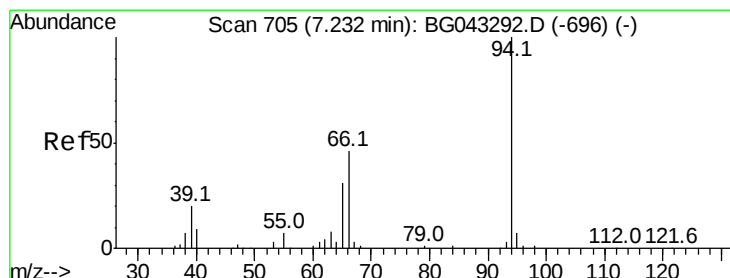
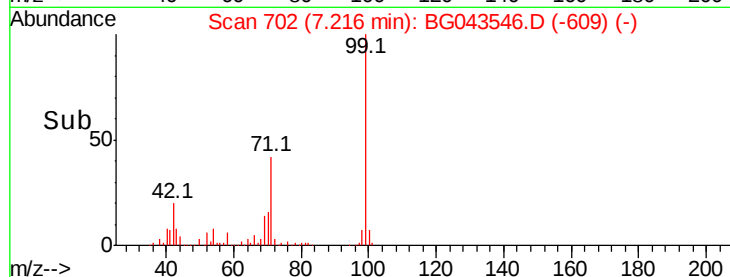
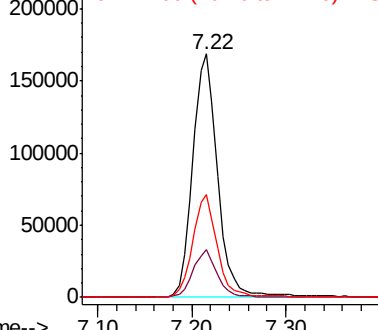
99 100

42 19.6 14.6 21.8

71 42.4 32.5 48.7



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



#10

Phenol

Concen: 5.658 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043546.D

Acq: 7 Nov 2019 19:30

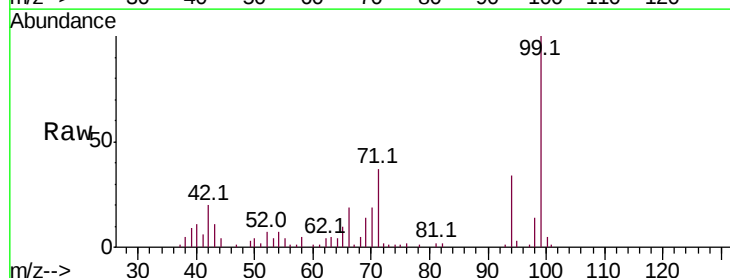
Tgt Ion: 94 Resp: 12582

Ion Ratio Lower Upper

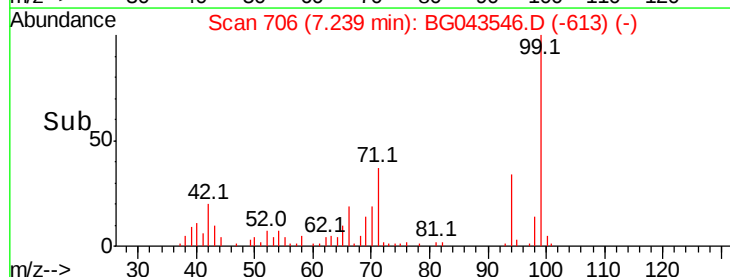
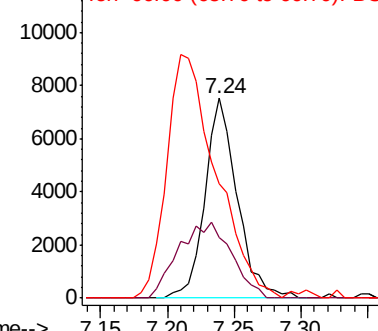
94 100

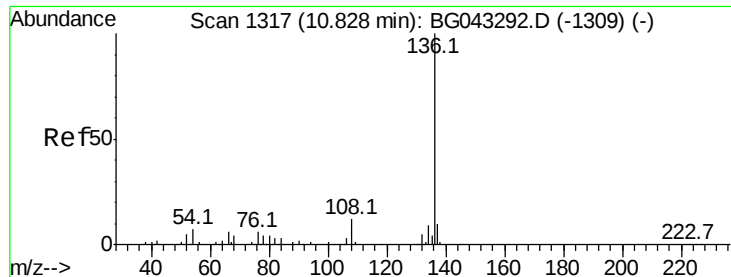
65 30.4 12.6 52.6

66 57.3 30.7 70.7



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

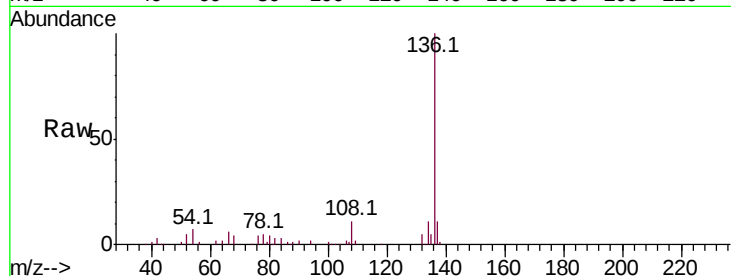




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Instrument :
BNA_G
ClientSampleId :
9-A

Tot Ion:136	Resp:	109974	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.7	13.1	
54 7.3	5.4	8.2	
68 4.3	3.0	4.4	



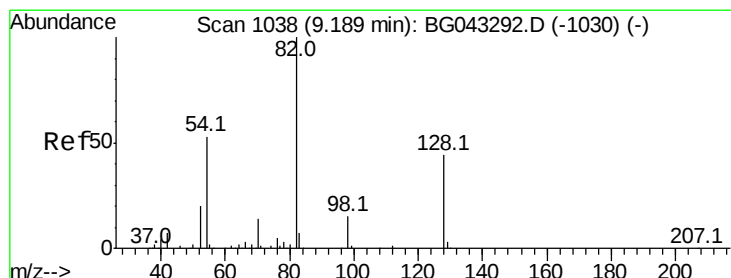
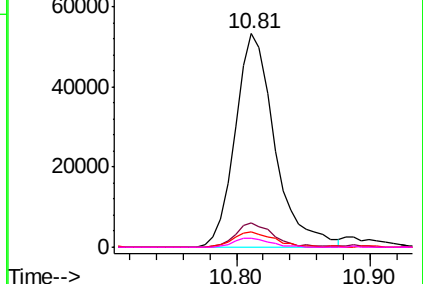
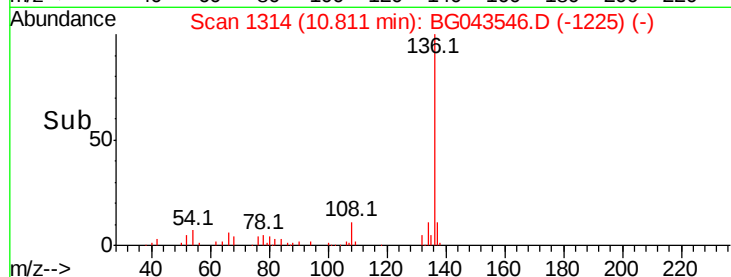
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

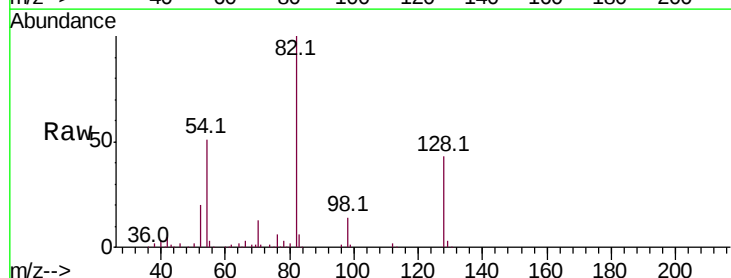
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 90.776 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Tgt Ion: 82	Resp: 193639
Ion Ratio	Lower Upper
82 100	
128 43.2	35.0 52.6
54 50.6	40.2 60.2

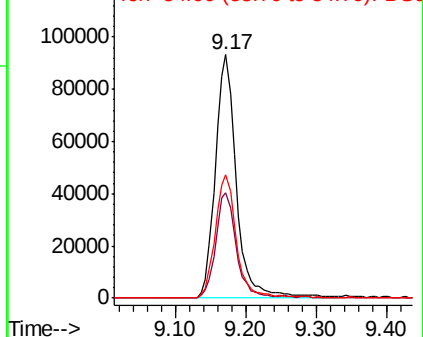
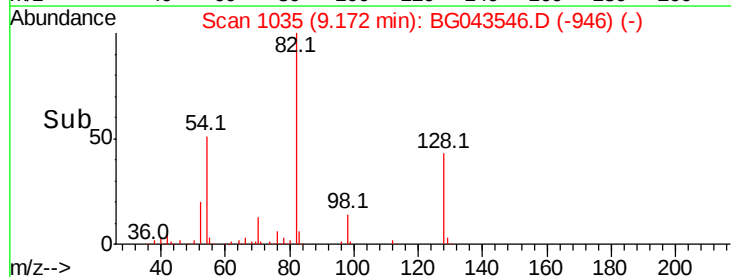


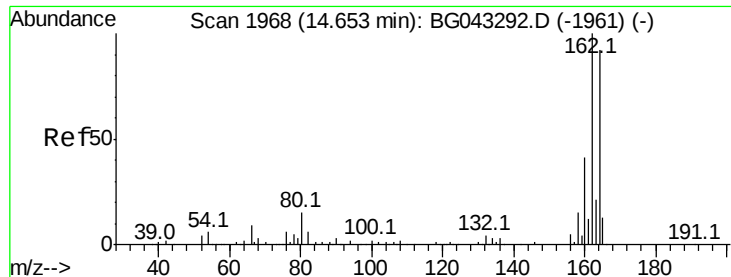
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

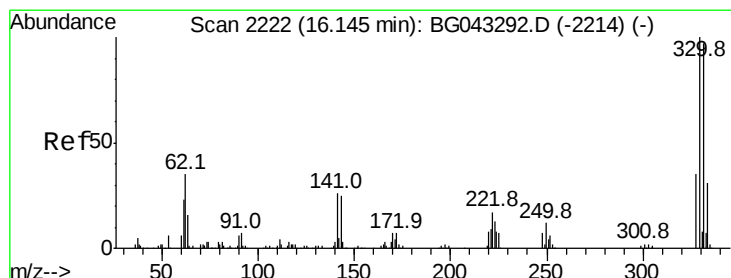
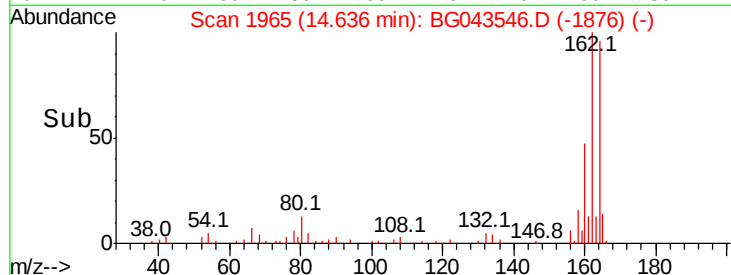
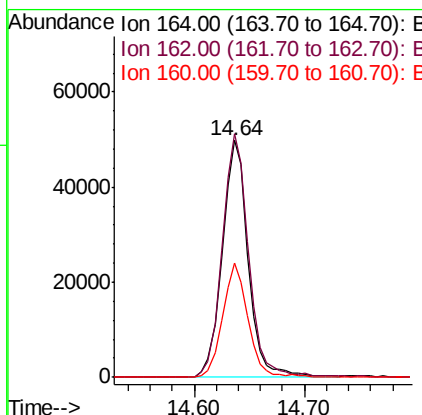
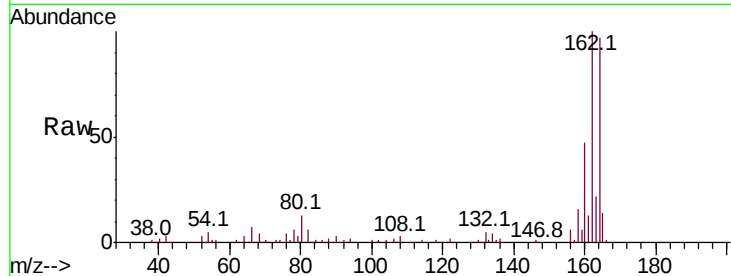




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

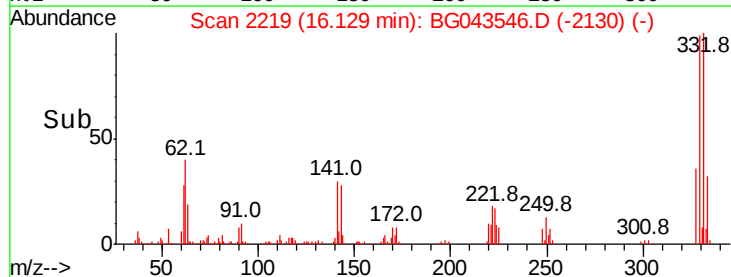
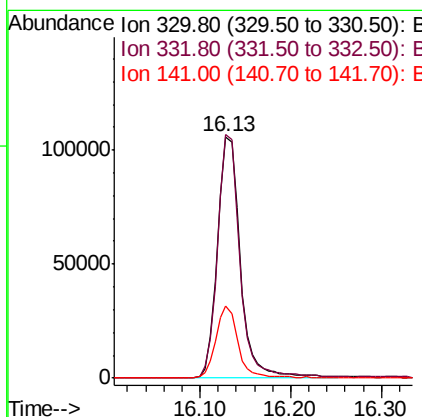
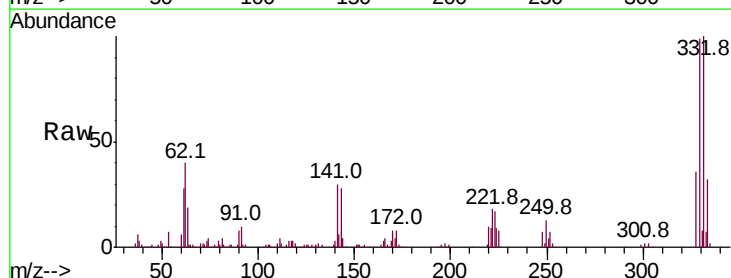
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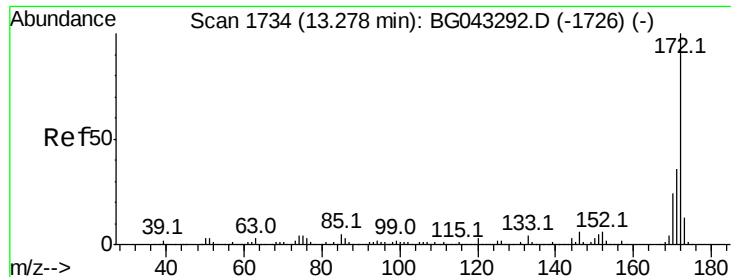
Tot Ion:164 Resp: 81626
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.5 125.3
 160 48.2 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 119.780 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

Tgt Ion:330 Resp: 186060
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.0
 141 28.7 22.8 34.2

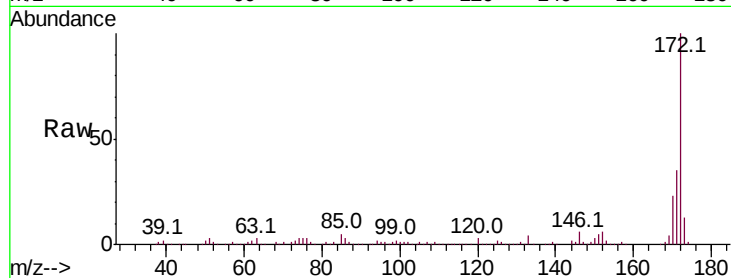




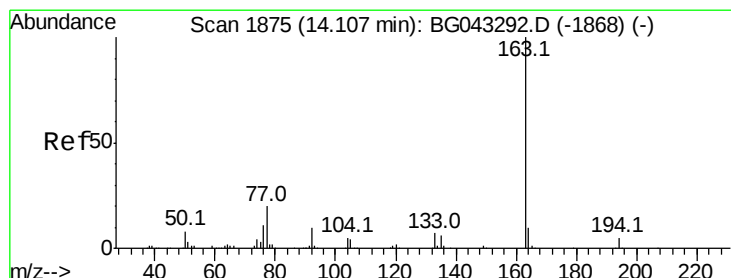
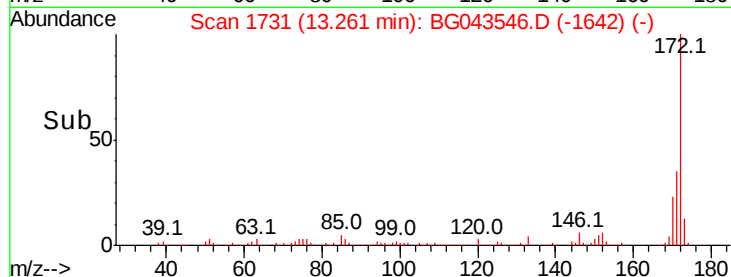
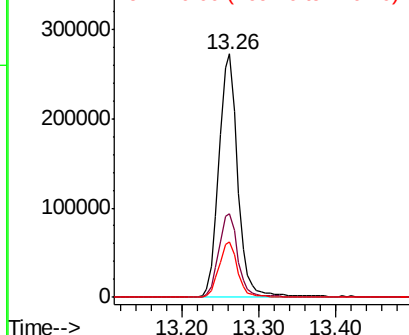
#45
2-Fluorobiphenyl
Concen: 78.918 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Instrument :
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ClientSampleId :
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Tot Ion:172 Resp: 466187
Ion Ratio Lower Upper
172 100
171 34.5 28.9 43.3
170 22.7 18.5 27.7

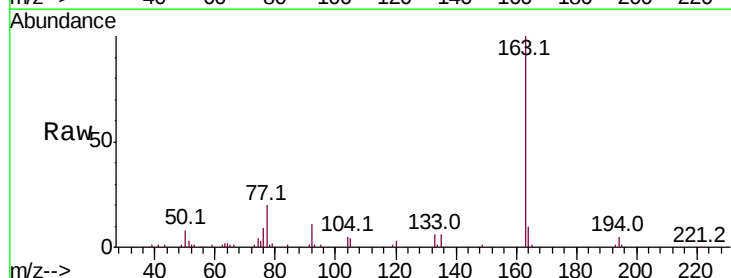


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

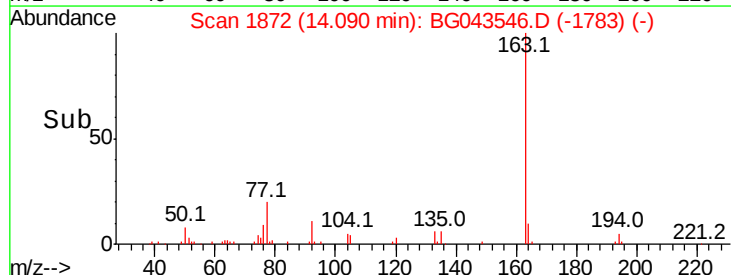
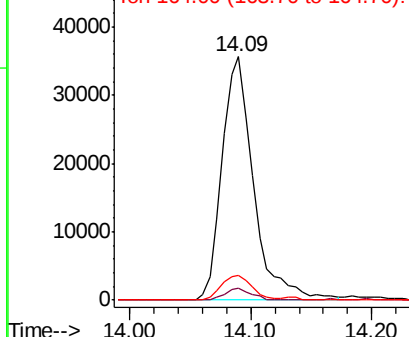


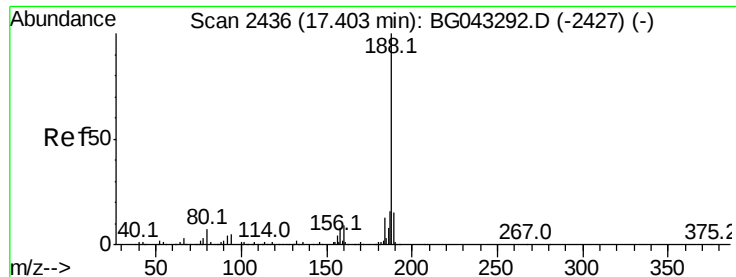
#50
Dimethylphthalate
Concen: 10.191 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG043546.D
Acq: 7 Nov 2019 19:30

Tgt Ion:163 Resp: 64432
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 10.3 8.9 13.3



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: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043546.D

Acq: 7 Nov 2019 19:30

Instrument :

BNA_G

ClientSampleId :

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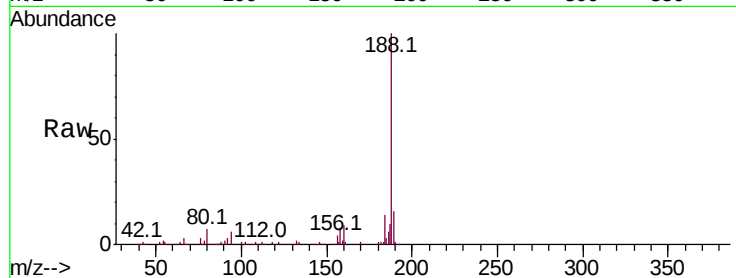
Tot Ion:188 Resp: 197983

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.4

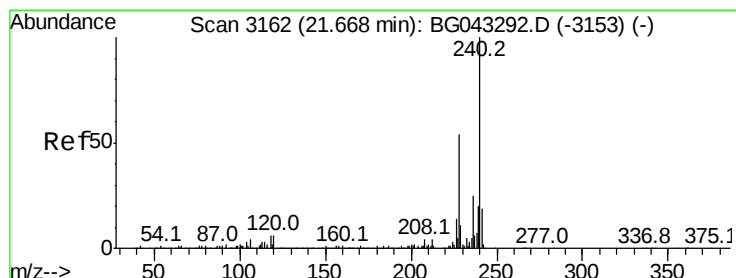
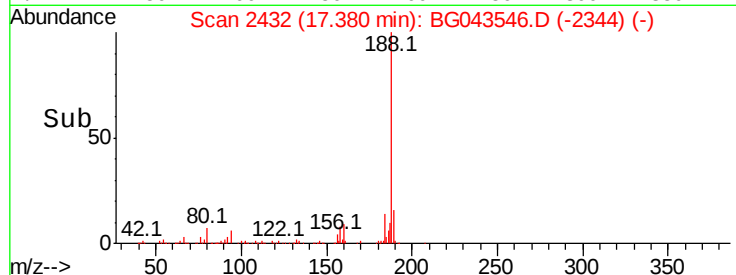
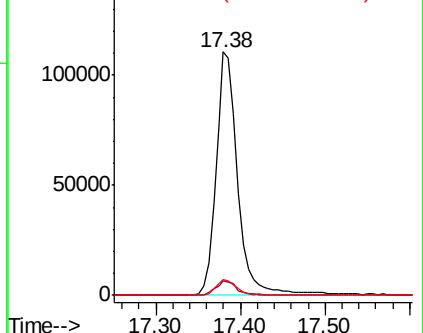
80 6.6 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043546.D

Acq: 7 Nov 2019 19:30

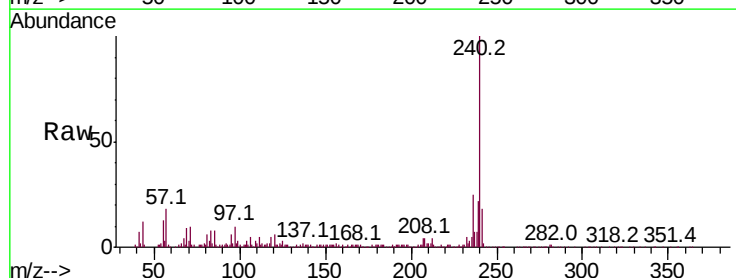
Tgt Ion:240 Resp: 199506

Ion Ratio Lower Upper

240 100

120 6.1 4.6 6.8

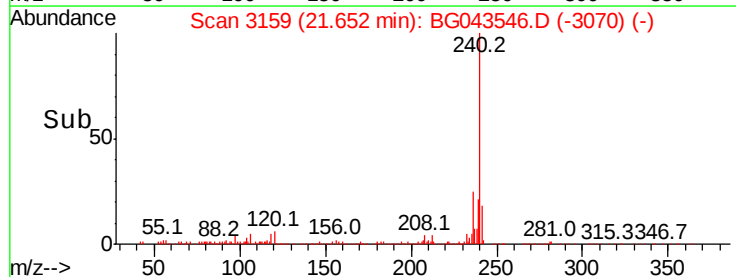
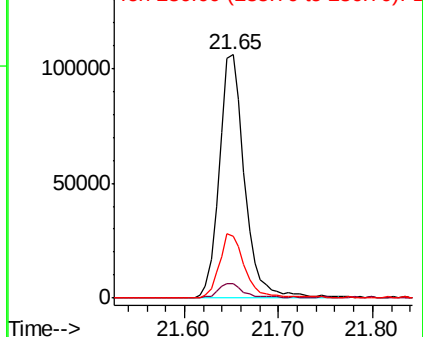
236 25.4 19.8 29.8

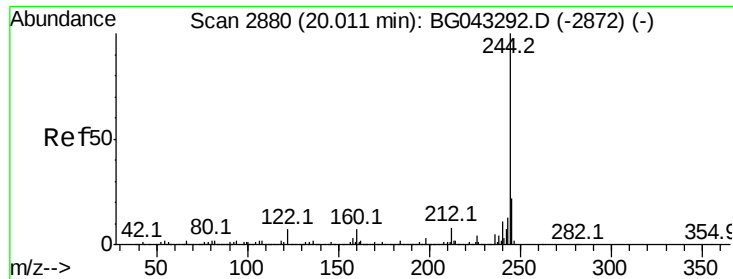


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

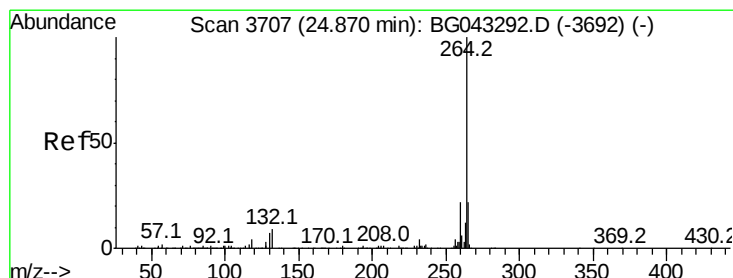
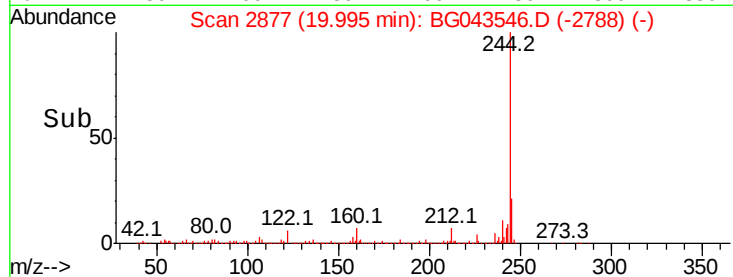
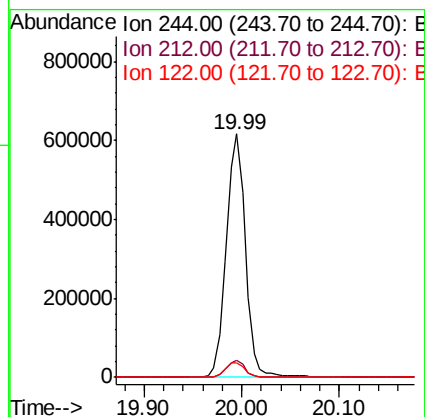
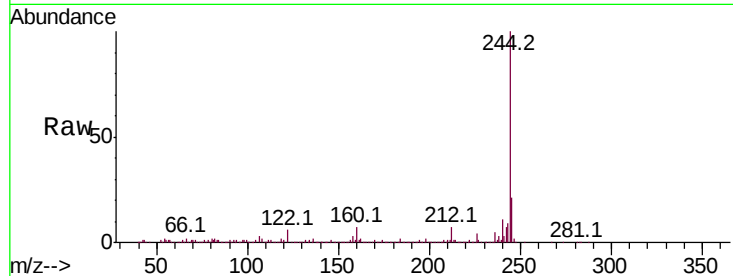




#79
 Terphenyl-d14
 Concen: 79.208 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.00 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:244	Resp:	842320
Ion	Ratio	Lower Upper
244	100	
212	7.0	5.8 8.6
122	6.2	5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3703
 Delta R.T. -0.00 min
 Lab File: BG043546.D
 Acq: 7 Nov 2019 19:30

Tgt Ion:264	Resp:	236904
Ion	Ratio	Lower Upper
264	100	
260	22.6	17.5 26.3
265	20.5	17.4 26.0

