

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043228.D
 Acq On : 15 Oct 2019 21:05
 Operator : JU
 Sample : K5339-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BIN-1

Quant Time: Oct 16 02:07:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

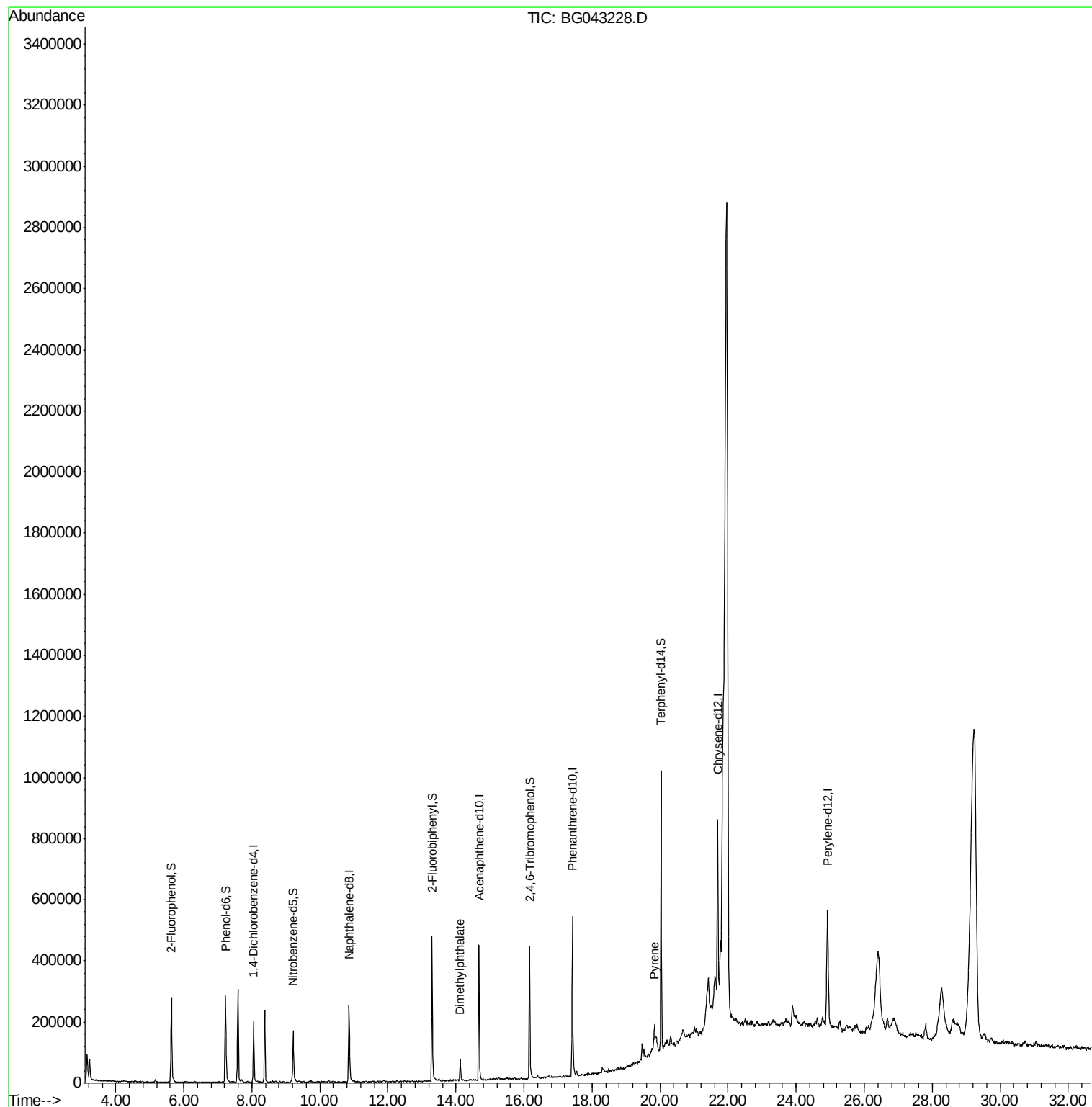
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61741	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	241950	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	168361	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	367143	20.00	ng	0.00
76) Chrysene-d12	21.69	240	391730	20.00	ng	0.00
87) Perylene-d12	24.92	264	478136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	133640	38.63	ng	0.00
7) Phenol-d6	7.22	99	194988	39.14	ng	0.00
23) Nitrobenzene-d5	9.21	82	117421	23.59	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	110806	38.27	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	290672	25.03	ng	0.00
79) Terphenyl-d14	20.03	244	504862	27.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	50263	3.984	ng	Qvalue 98
78) Pyrene	19.83	202	48586m	2.078	ng	

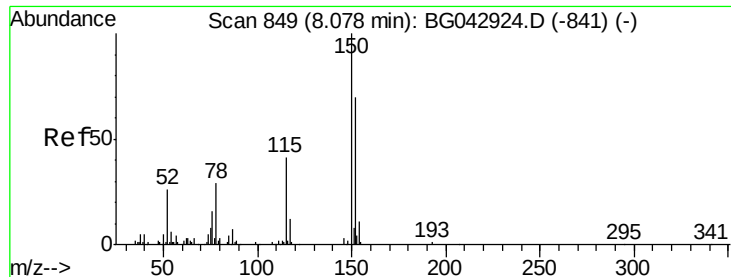
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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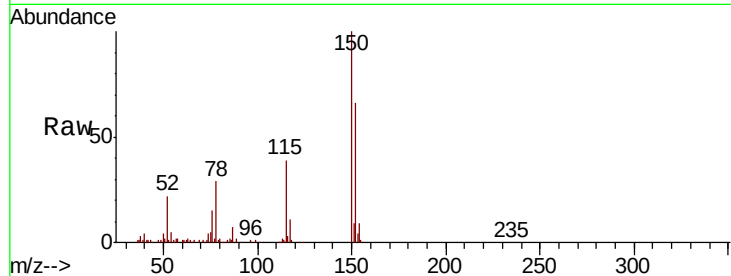


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :
SOIL-BIN-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	115.0	172.4
115	60.0	47.0	70.6

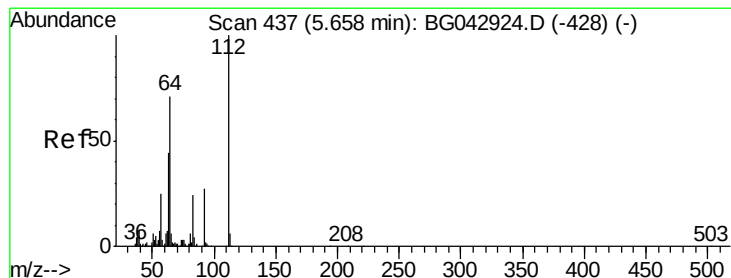
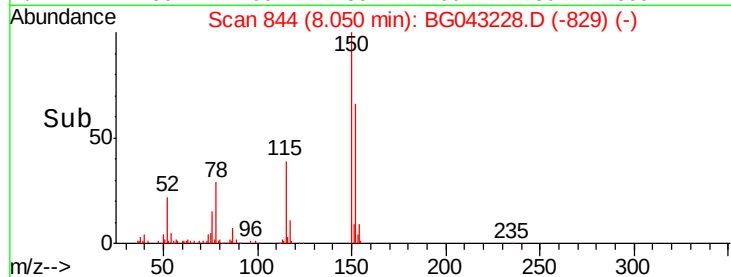
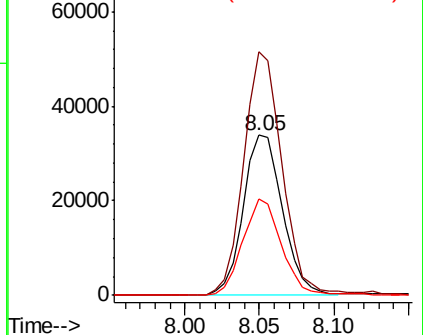


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

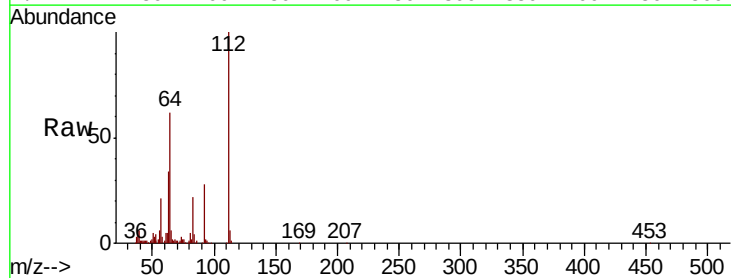
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.629 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.6	84.8
63	33.7	35.1	52.7

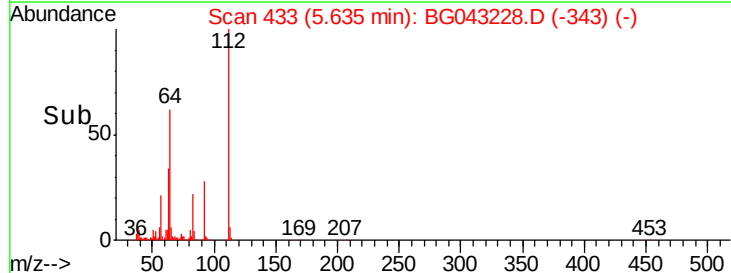
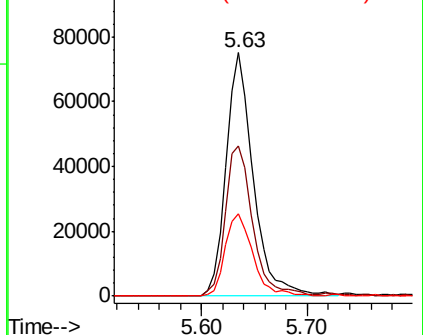


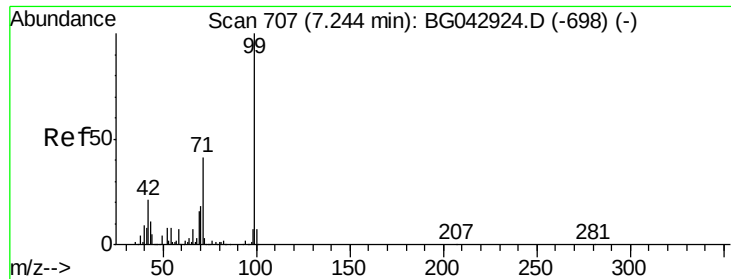
Abundance

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: 39.138 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

Instrument :

BNA_G

ClientSampleId :

SOIL-BIN-1

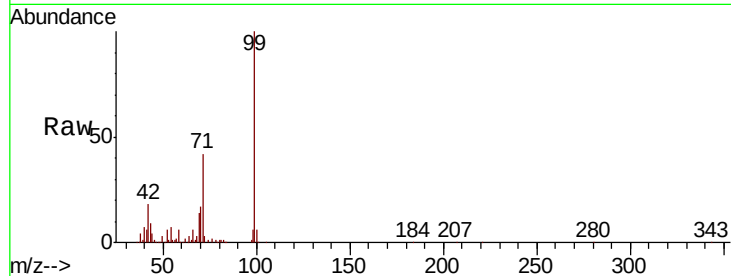
Tot Ion: 99 Resp: 194988

Ion Ratio Lower Upper

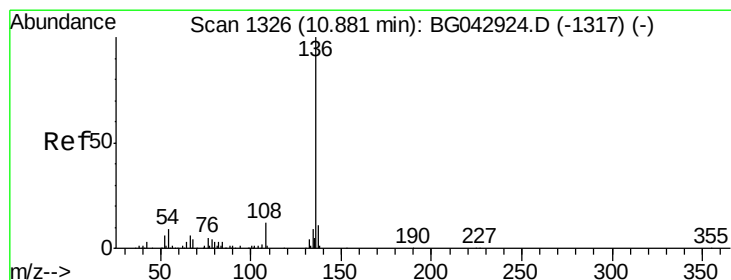
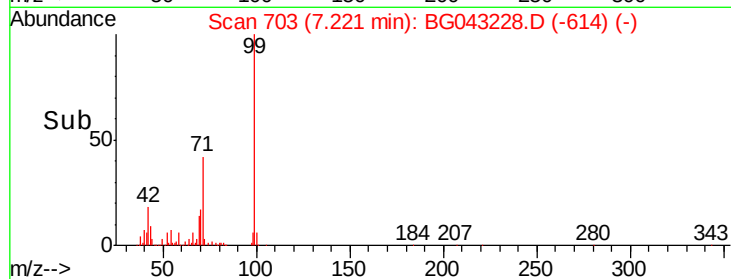
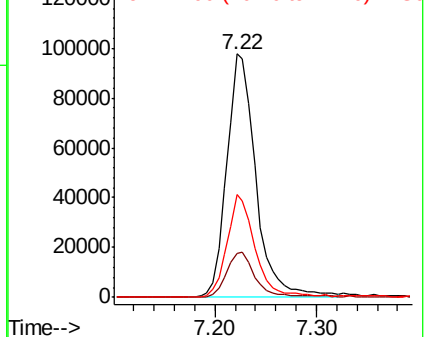
99 100

42 18.0 17.2 25.8

71 42.1 33.1 49.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

Tgt Ion: 136 Resp: 241950

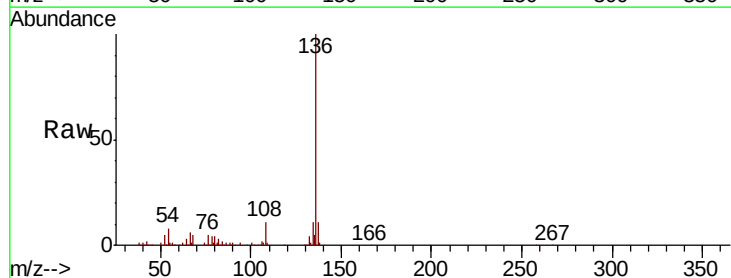
Ion Ratio Lower Upper

136 100

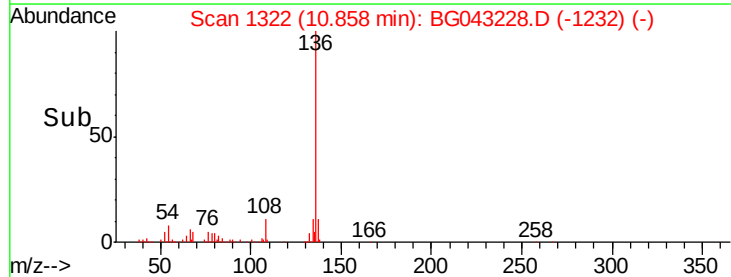
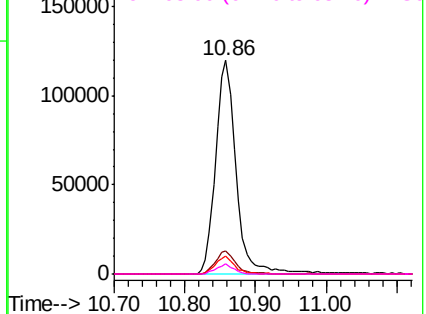
137 10.9 8.5 12.7

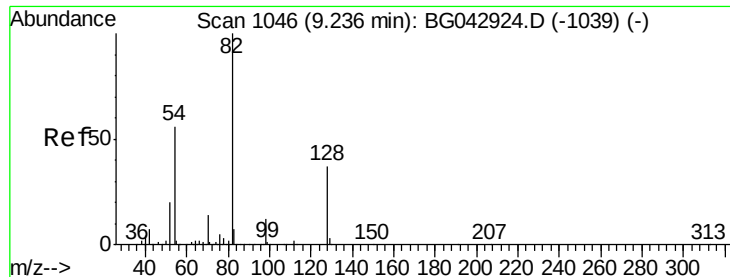
54 8.3 7.4 11.2

68 4.9 3.6 5.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

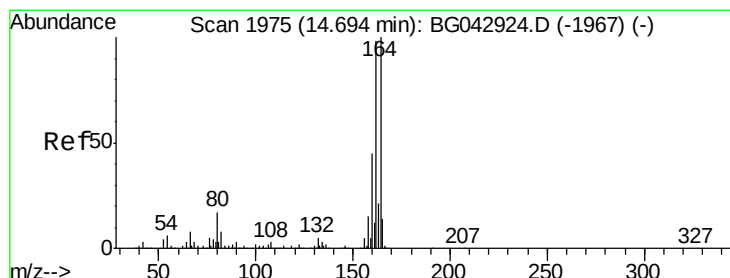
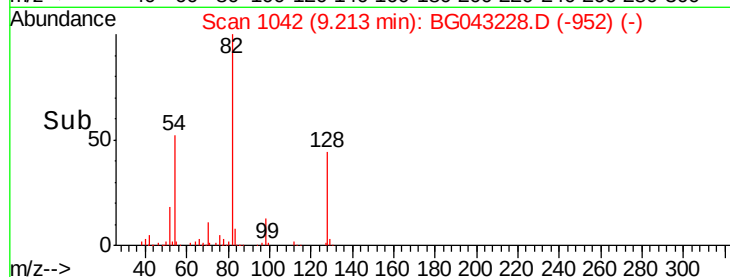
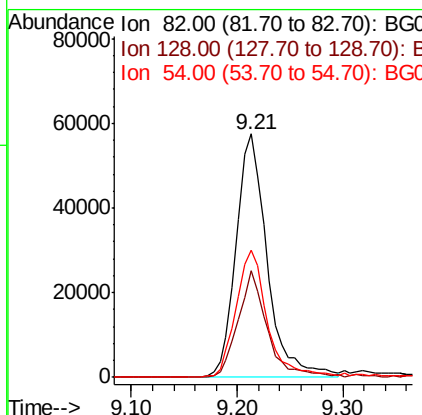
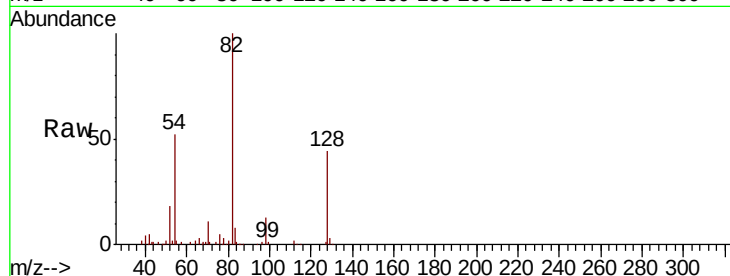




#23
 Nitrobenzene-d5
 Concen: 23.589 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG043228.D
 Acq: 15 Oct 2019 21:05

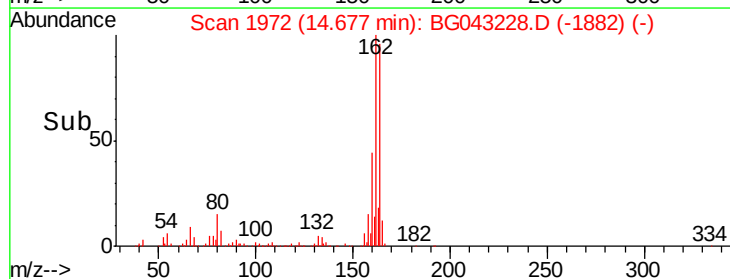
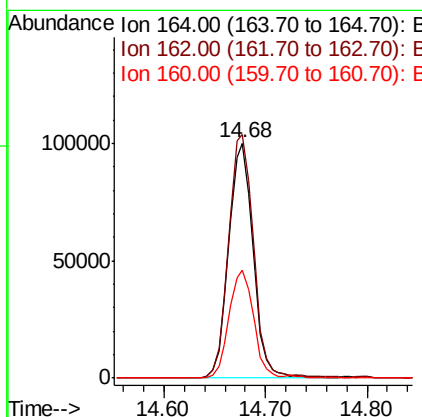
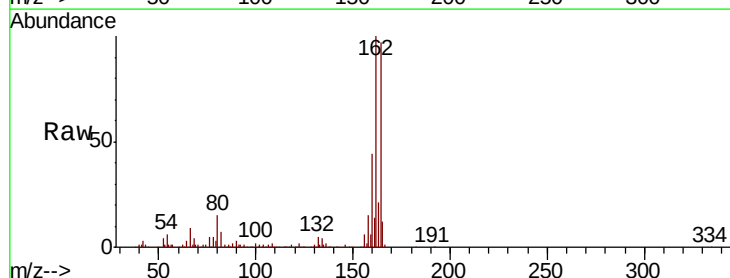
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BIN-1

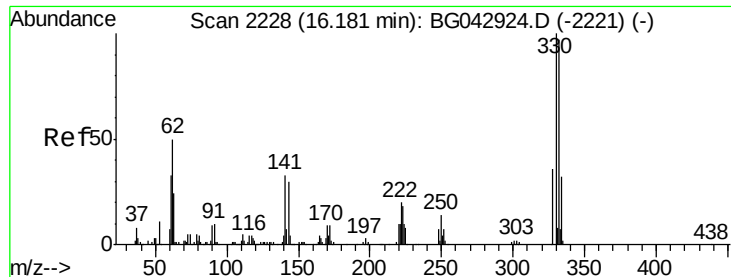
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	29.5	44.3
54	52.0	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG043228.D
 Acq: 15 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.5	117.7
160	45.8	35.9	53.9

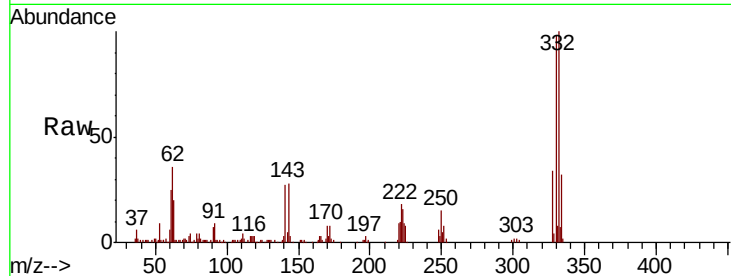




#42
2,4,6-Tribromophenol
Concen: 38.274 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :
SOIL-BIN-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	28.2	26.0	39.0

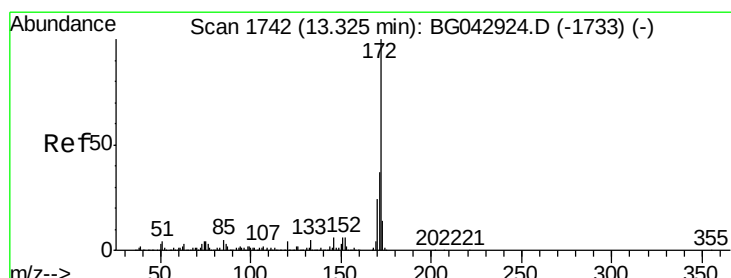
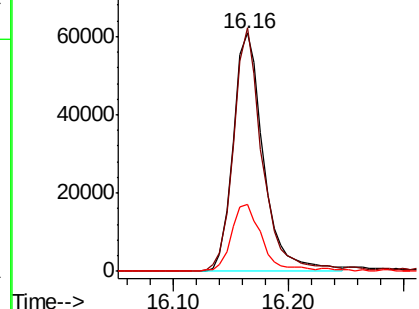
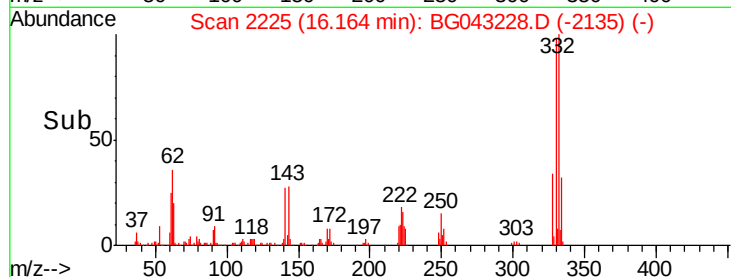


Abundance

Ion 329.80 (329.50 to 330.50): E

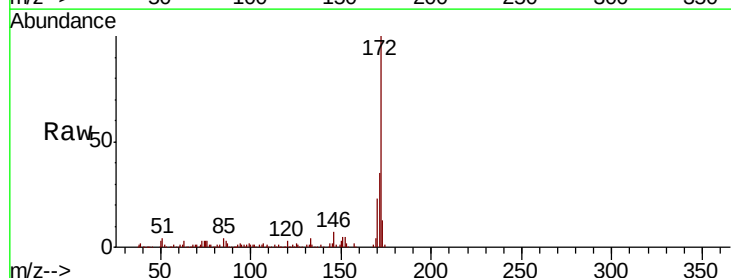
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 25.029 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	22.6	19.6	29.4

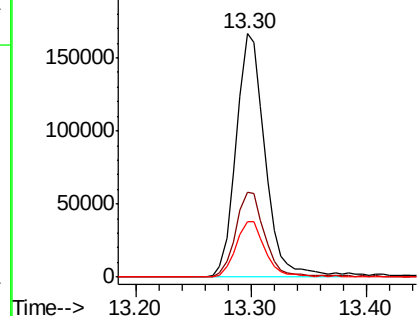
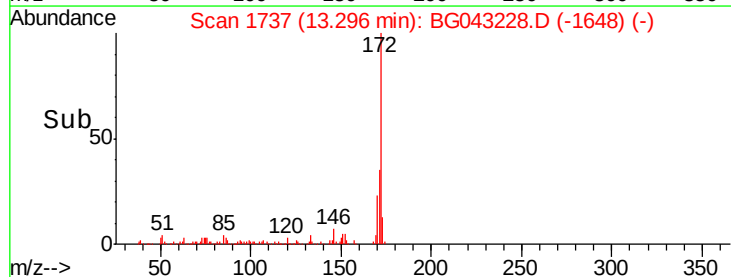


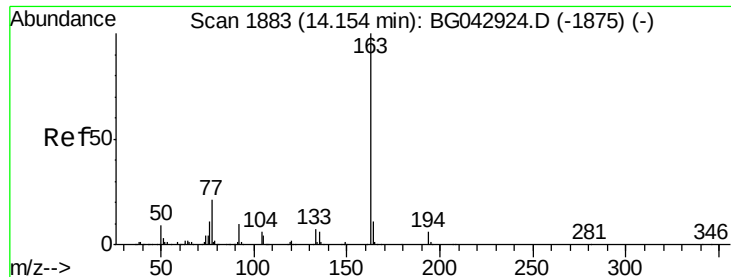
Abundance

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

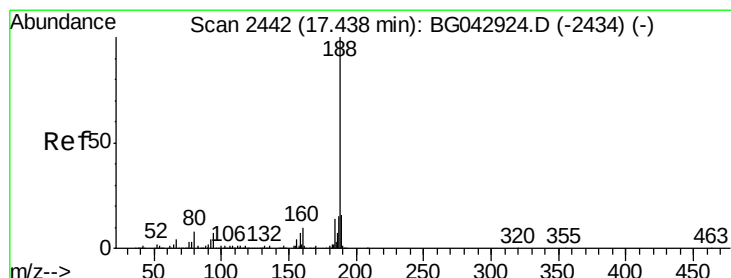
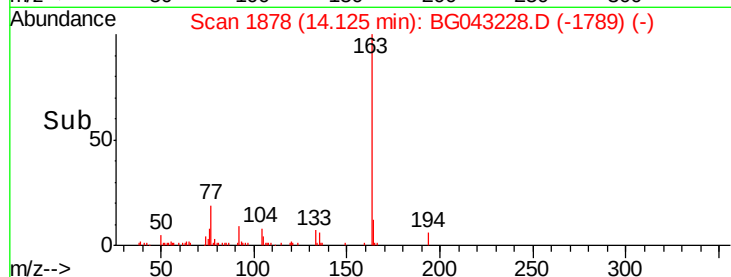
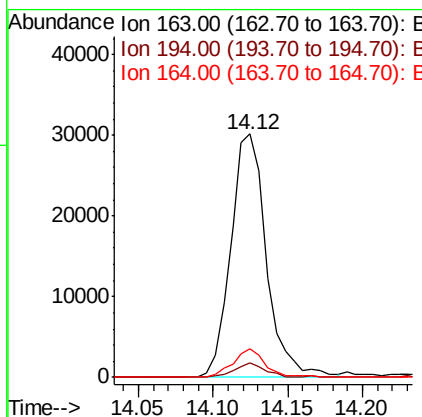
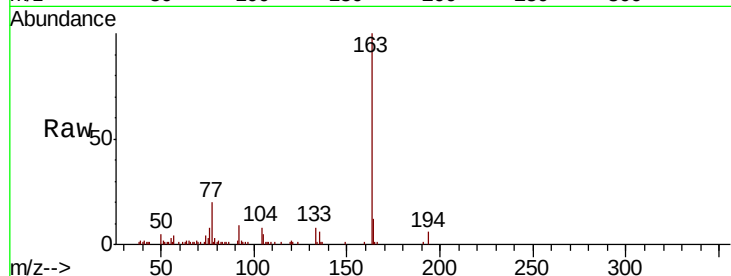




#50
Dimethylphthalate
Concen: 3.984 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

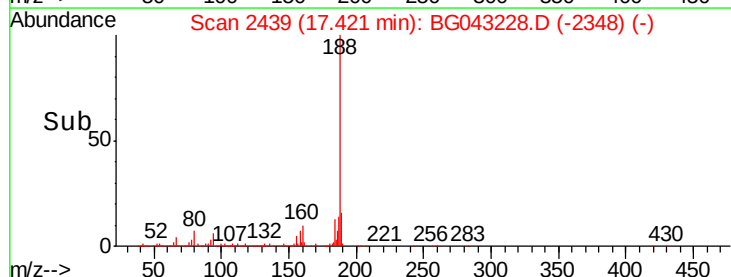
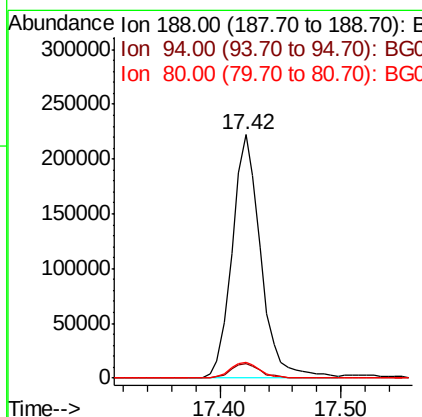
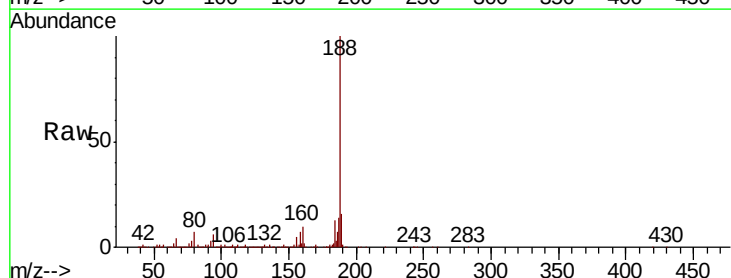
Instrument :
BNA_G
ClientSampleId :
SOIL-BIN-1

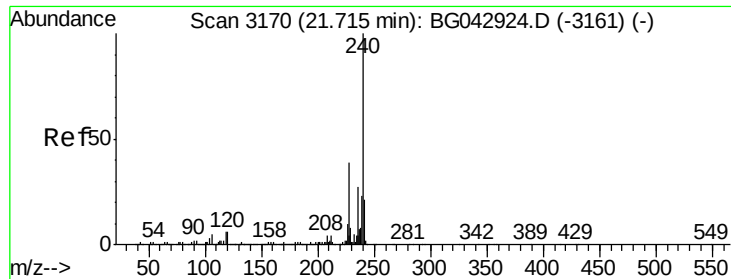
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.4	6.6
164	11.7	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	6.5	6.5	9.7

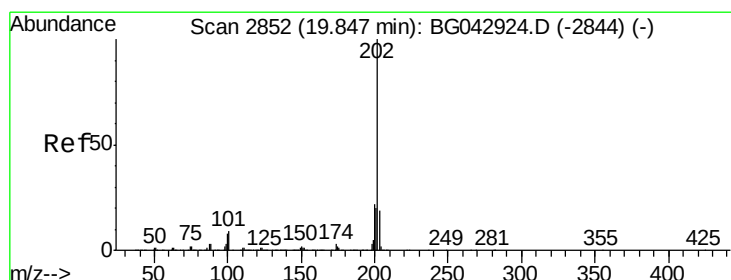
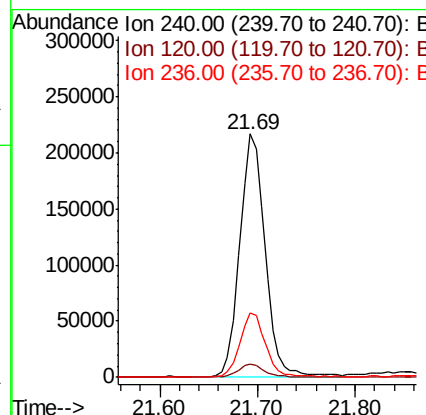
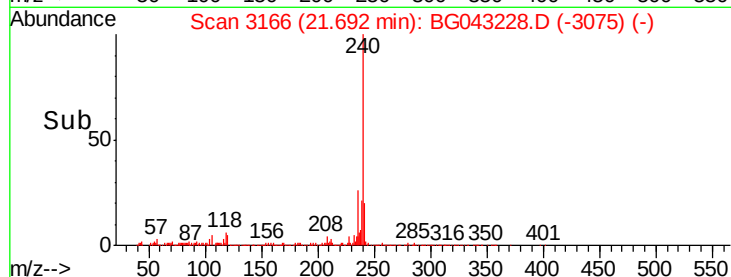
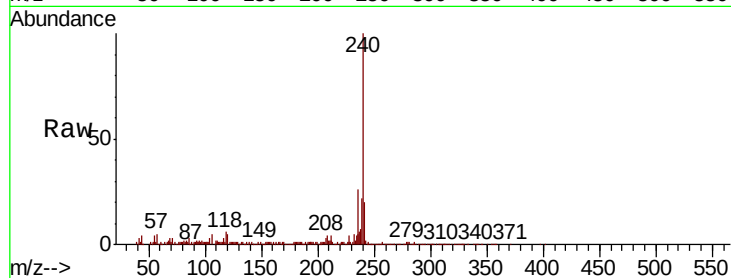




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

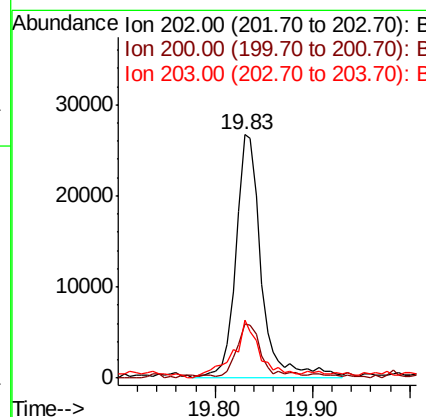
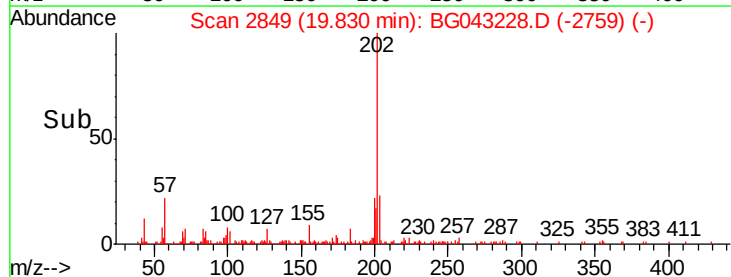
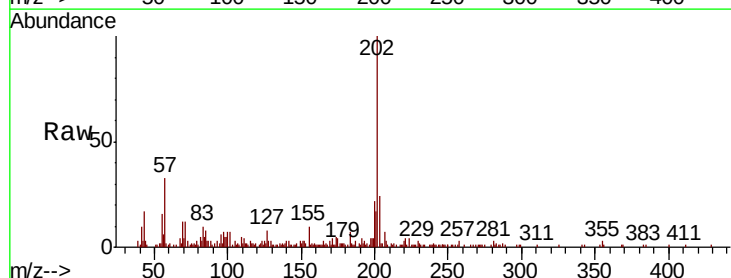
Instrument :
BNA_G
ClientSampled :
SOIL-BIN-1

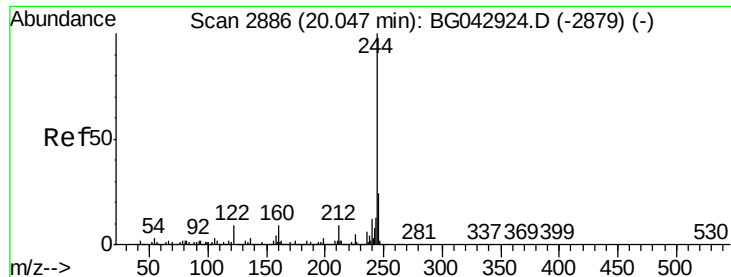
Tot Ion:240 Resp: 391730
Ion Ratio Lower Upper
240 100
120 5.3 4.8 7.2
236 26.5 21.4 32.0



#78
Pyrene
Concen: 2.078 ng m
RT: 19.83 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

Tgt Ion:202 Resp: 48586
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 23.8 15.2 22.8#





#79

Terphenyl-d14

Concen: 27.463 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

Instrument :

BNA_G

ClientSampleId :

SOIL-BIN-1

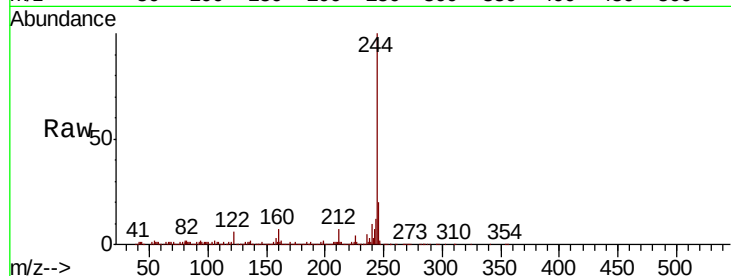
Tot Ion:244 Resp: 504862

Ion Ratio Lower Upper

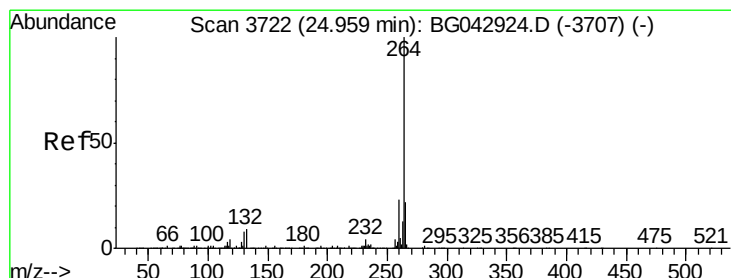
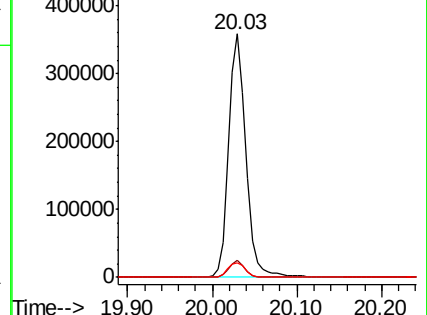
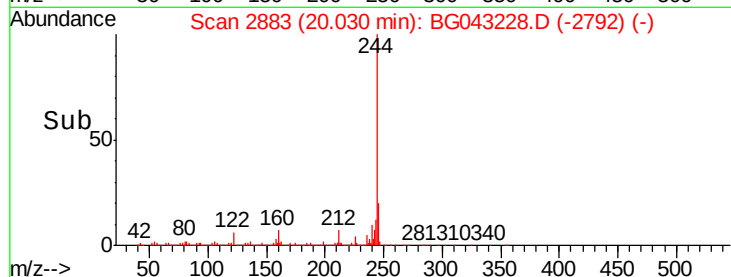
244 100

212 6.9 7.4 11.0#

122 6.1 7.0 10.4#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. 0.01 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

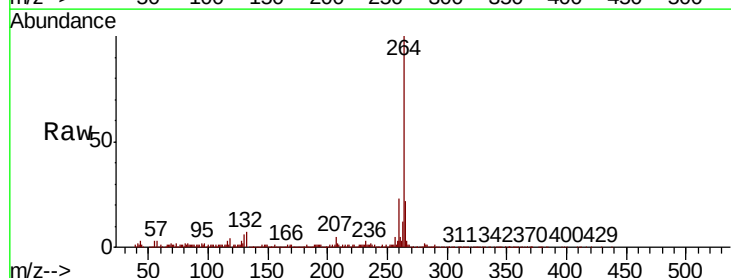
Tgt Ion:264 Resp: 478136

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 22.3 17.7 26.5



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

