

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044932.D
 Acq On : 24 Mar 2020 16:09
 Operator : CG/JU
 Sample : L2011-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHD1-WC-C-01

Quant Time: Mar 24 17:07:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

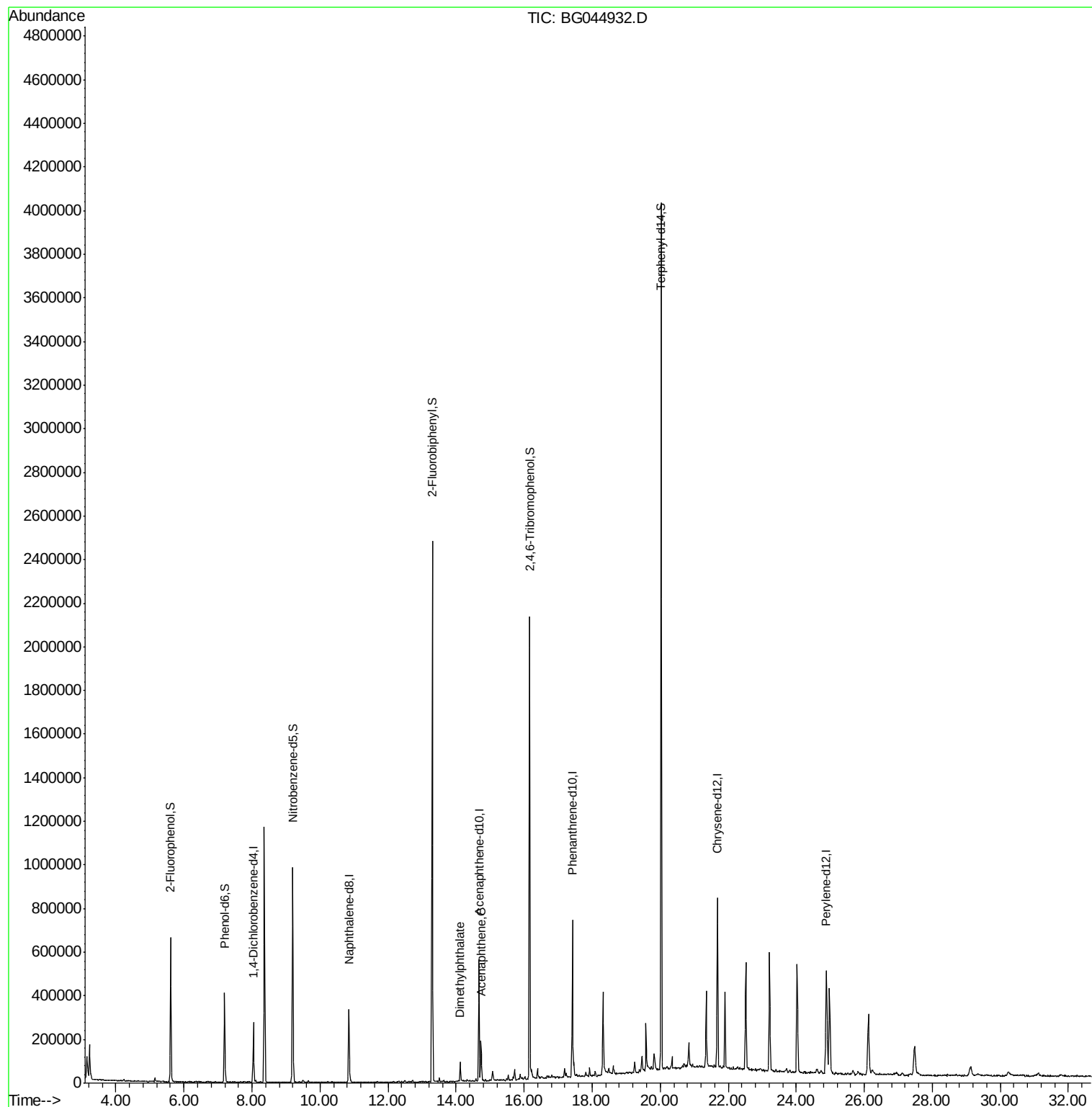
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	80647	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	301608	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	202616	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	463913	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	472535	20.00	ng	-0.02
87) Perylene-d12	24.89	264	516754	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	300137	57.93	ng	0.00
7) Phenol-d6	7.19	99	261121	34.69	ng	-0.01
23) Nitrobenzene-d5	9.20	82	625342	90.98	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	420031	158.33	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1370286	96.85	ng	0.00
79) Terphenyl-d14	20.03	244	1885161	74.62	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	14.12	163	61561	3.815	ng	96
52) Acenaphthene	14.73	154	68997	5.437	ng	97

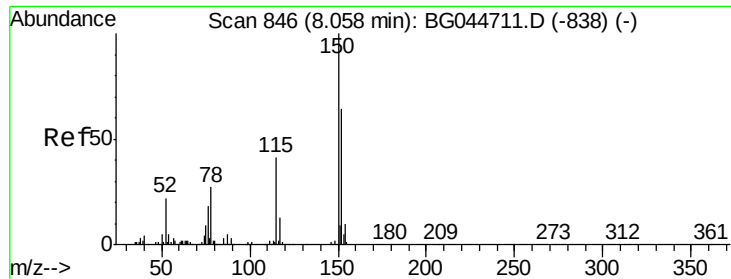
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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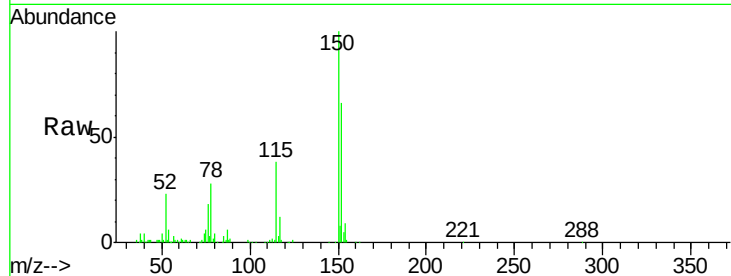


#1

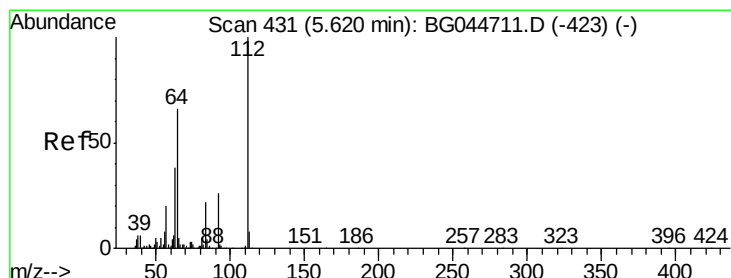
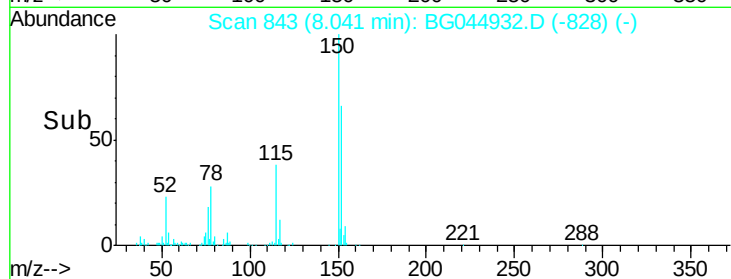
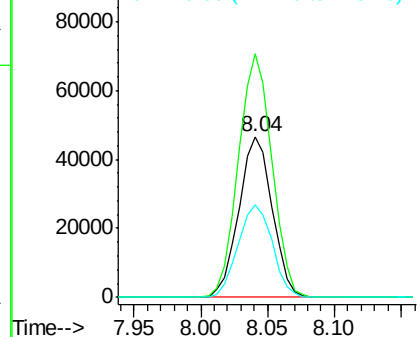
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	128.8	193.2
115	57.7	52.6	79.0



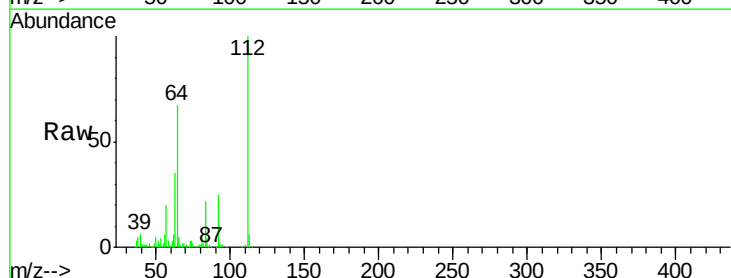
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



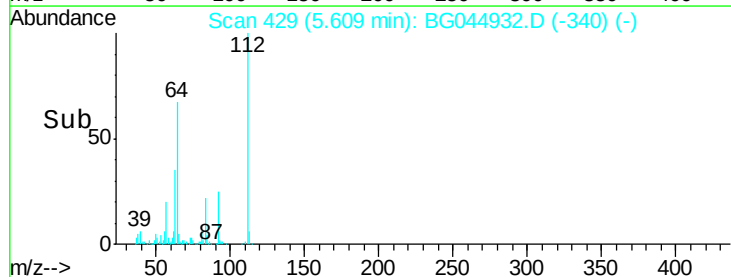
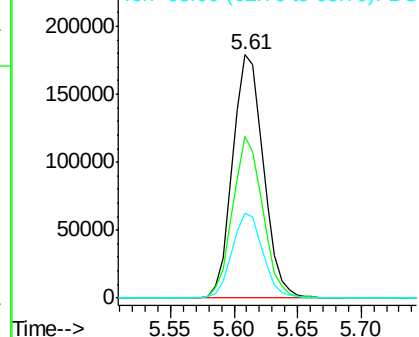
#5

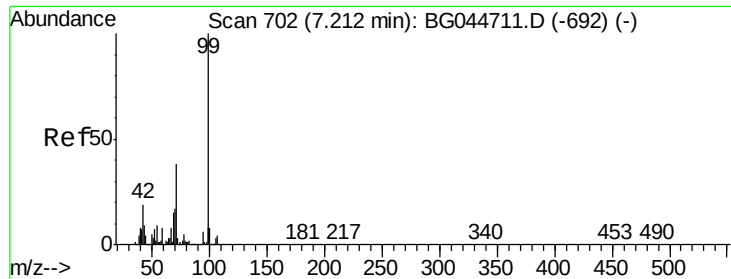
2-Fluorophenol
Concen: 57.934 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.4	80.2
63	34.8	29.4	44.2



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





#7

Phenol-d6

Concen: 34.691 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044932.D

Acq: 24 Mar 2020 16:09

Instrument :

BNA_G

ClientSampleId :

GHD1-WC-C-01

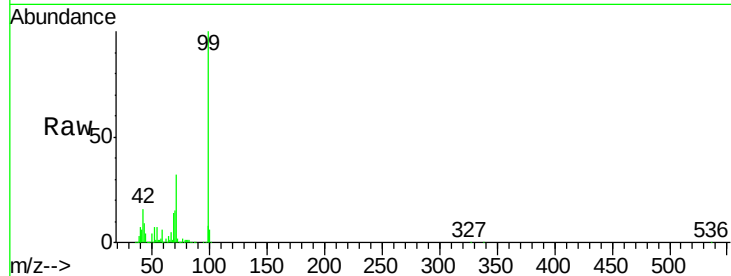
Tot Ion: 99 Resp: 261121

Ion Ratio Lower Upper

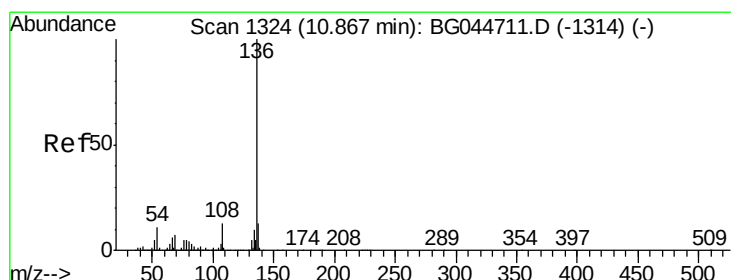
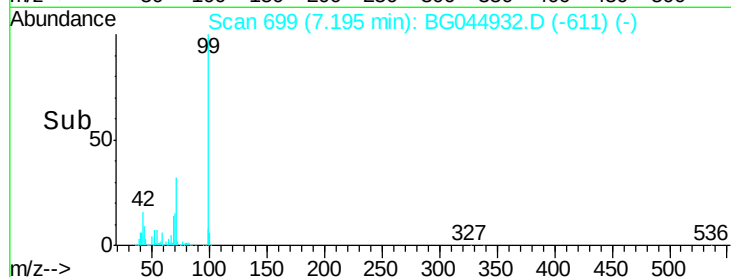
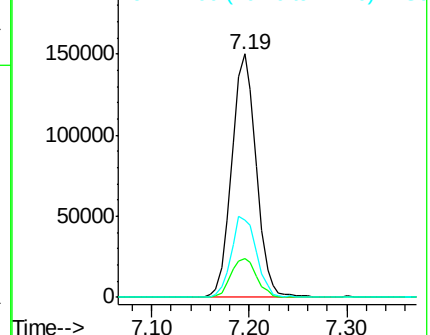
99 100

42 15.9 12.6 19.0

71 31.7 29.0 43.4



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: 10.84 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG044932.D

Acq: 24 Mar 2020 16:09

Tgt Ion: 136 Resp: 301608

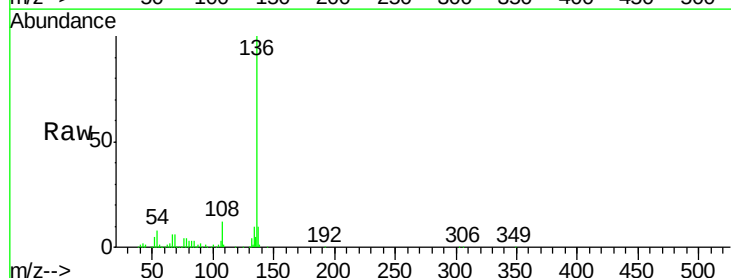
Ion Ratio Lower Upper

136 100

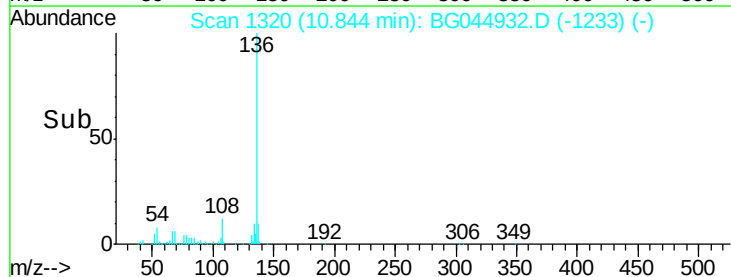
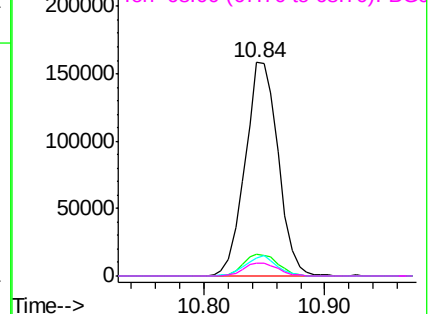
137 10.3 9.8 14.6

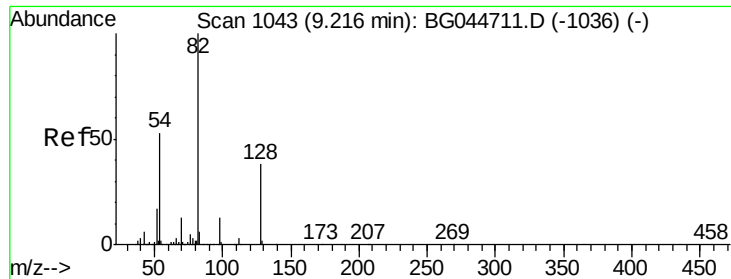
54 8.3 7.9 11.9

68 5.9 5.4 8.0



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

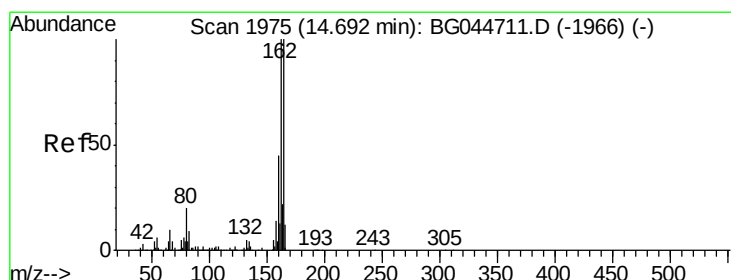
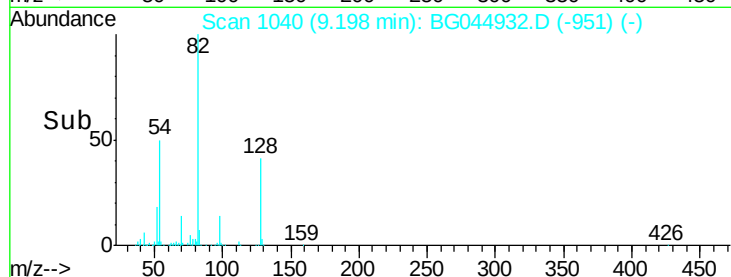
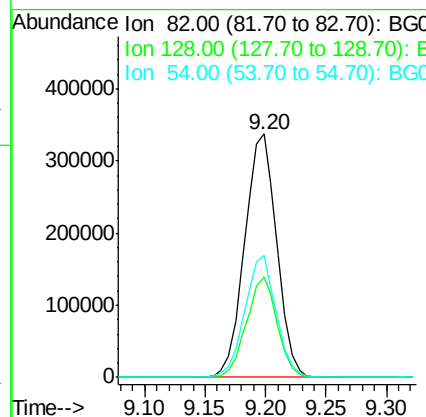
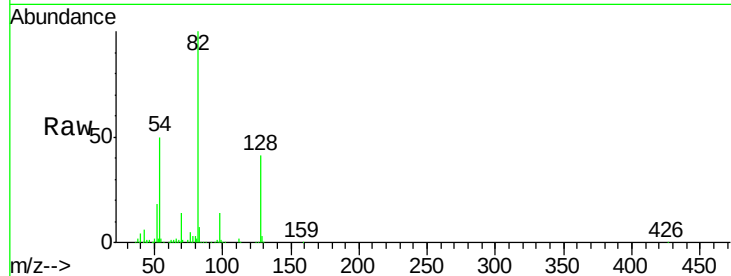




#23
Nitrobenzene-d5
Concen: 90.982 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

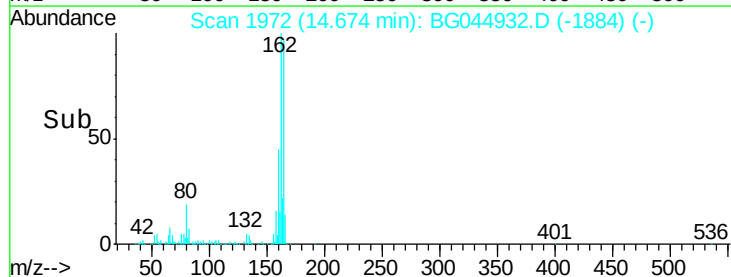
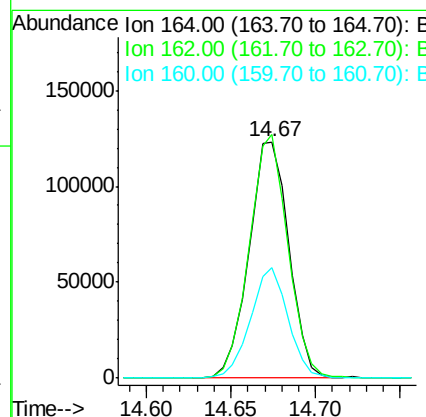
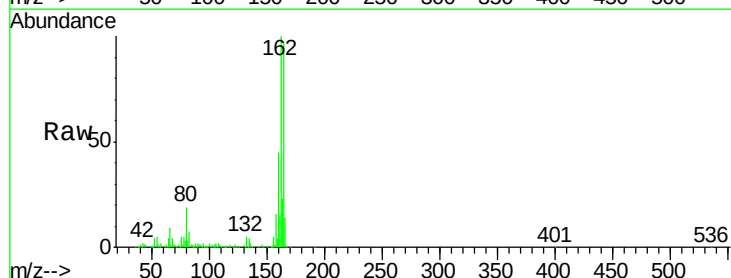
Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

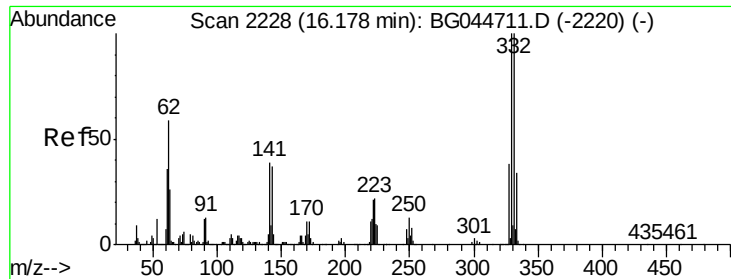
Tot Ion	82	Resp	625342
Ion Ratio	Lower	Upper	
82	100		
128	40.9	30.6	46.0
54	50.3	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion	164	Resp	202616
Ion Ratio	Lower	Upper	
164	100		
162	103.1	76.7	115.1
160	46.6	35.0	52.4

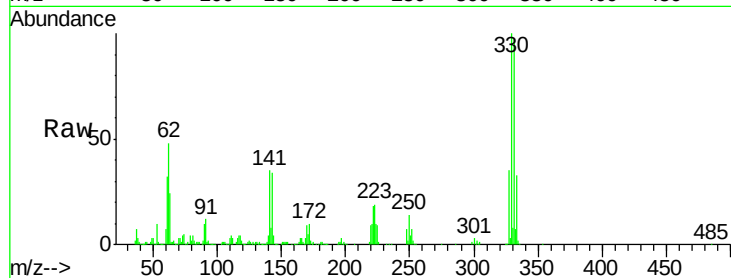




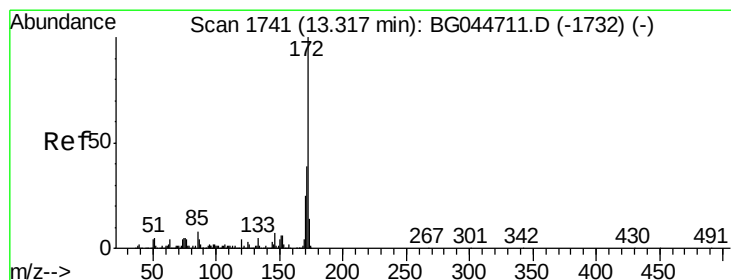
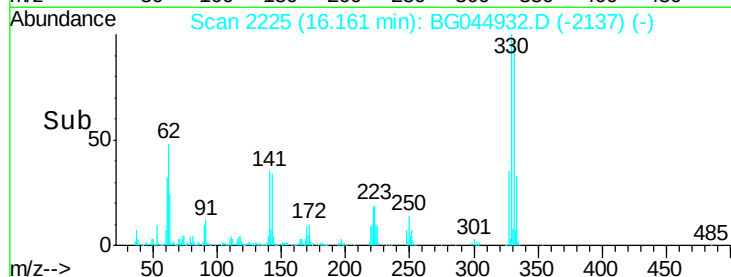
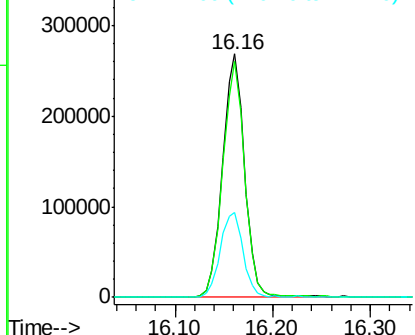
#42
2,4,6-Tribromophenol
Concen: 158.326 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	36.5	29.5	44.3

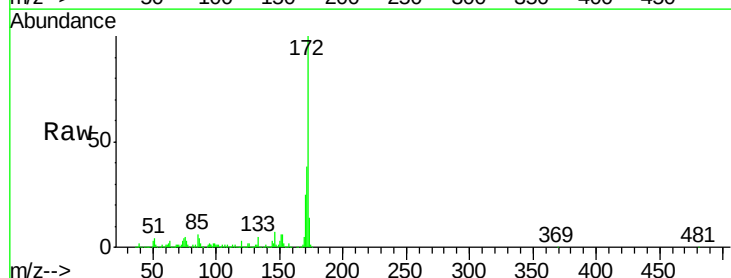


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

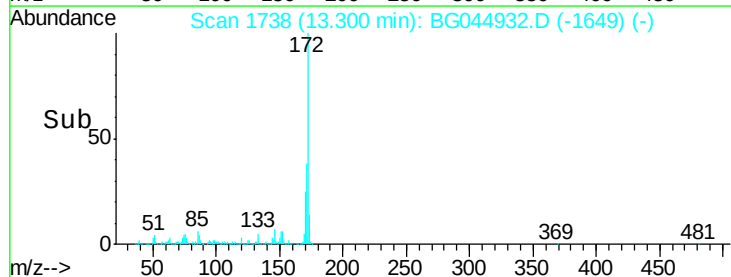
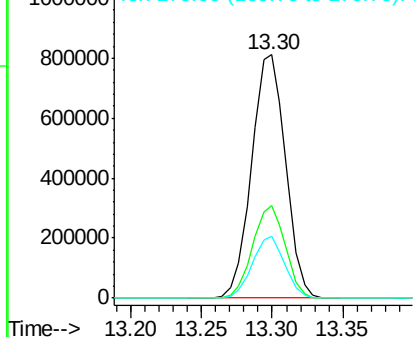


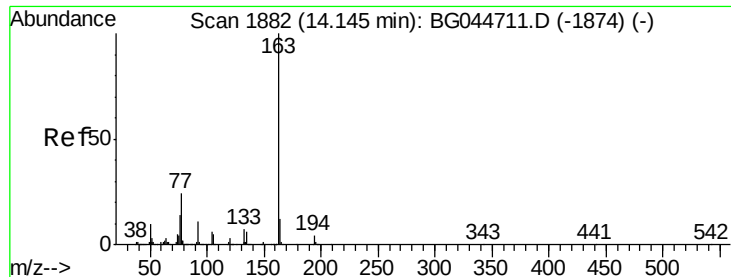
#45
2-Fluorobiphenyl
Concen: 96.848 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.7	43.1
170	25.2	19.0	28.6



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

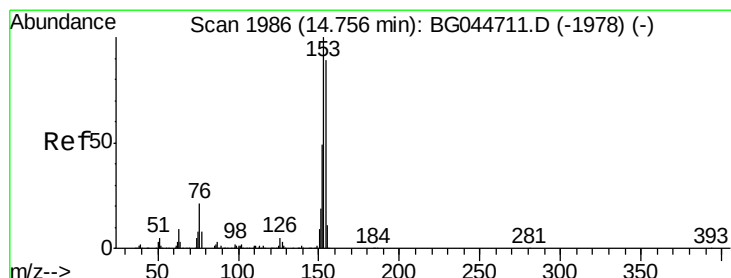
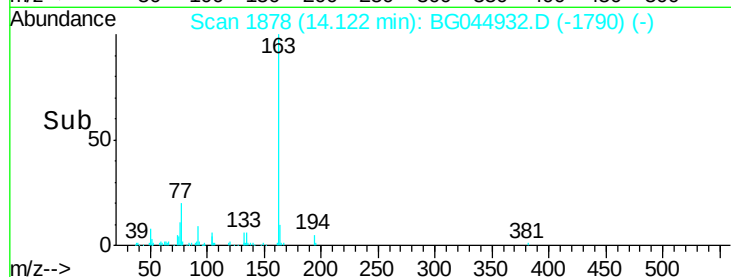
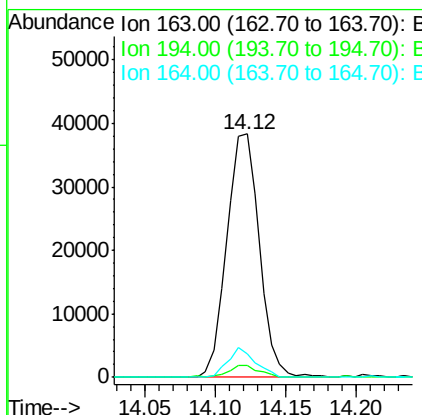
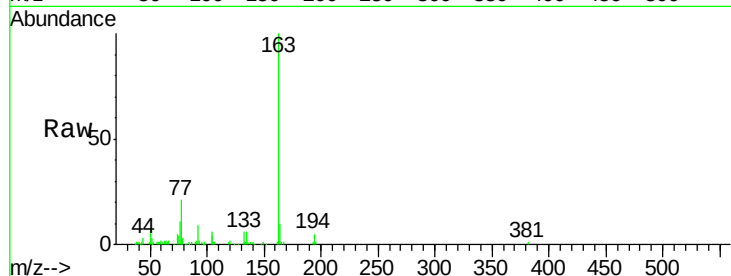




#50
Dimethylphthalate
Concen: 3.815 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

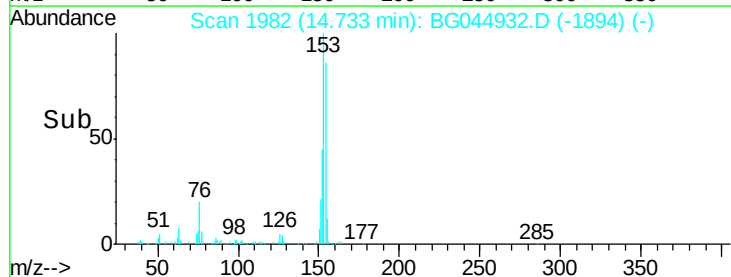
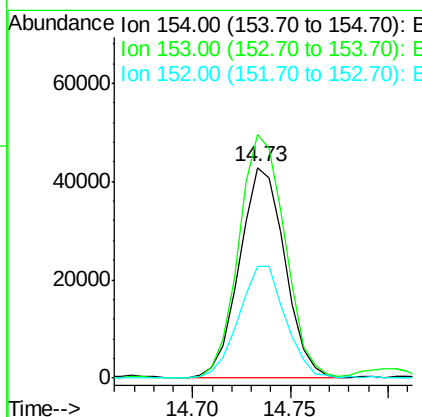
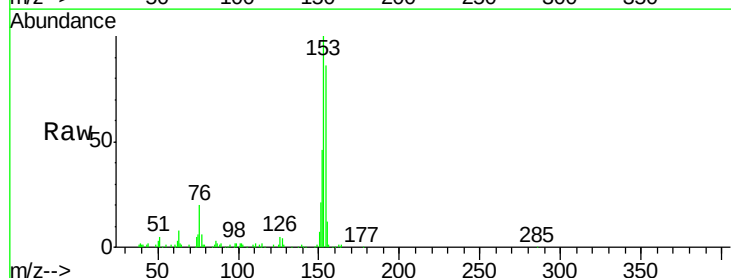
Instrument :
BNA_G
ClientSampleId :
GHD1-WC-C-01

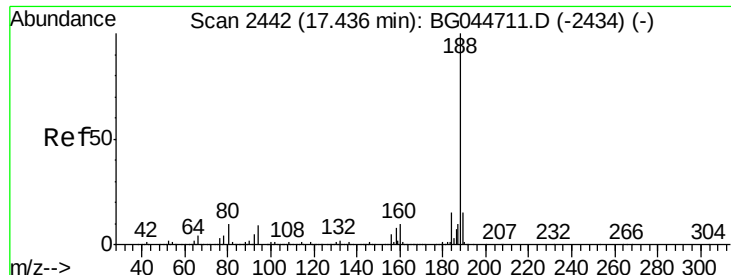
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	9.6	9.1	13.7



#52
Acenaphthene
Concen: 5.437 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.0	133.6
152	53.0	43.0	64.6

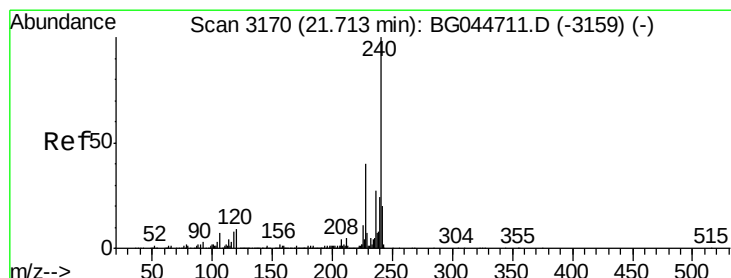
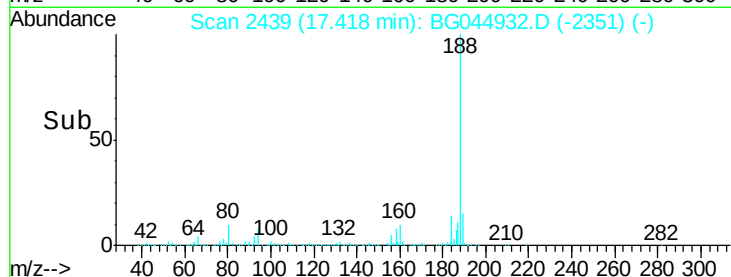
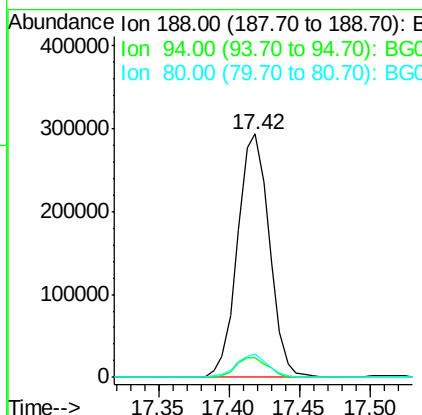
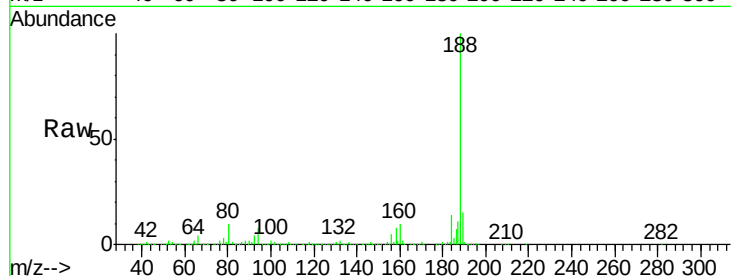




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

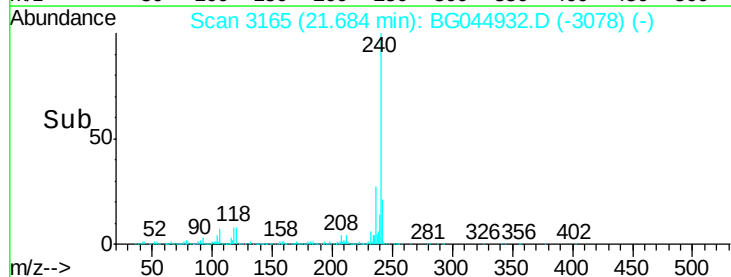
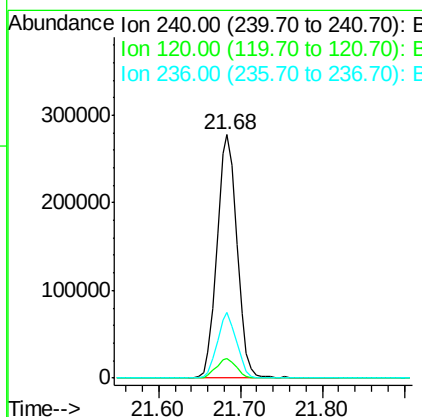
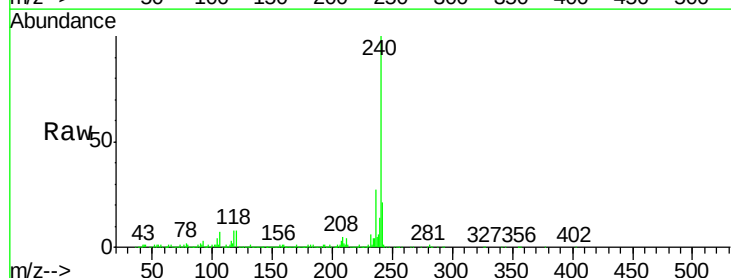
Instrument :
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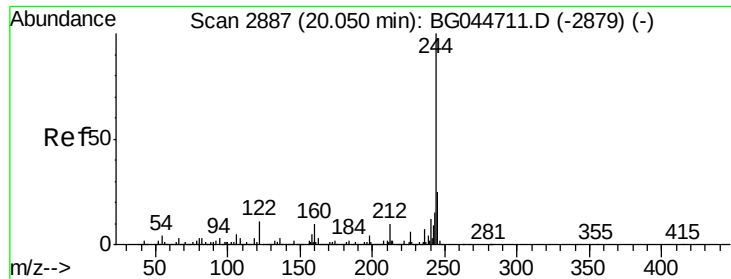
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.3	10.9
80	9.5	8.0	12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044932.D
Acq: 24 Mar 2020 16:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.7	10.1
236	27.1	21.5	32.3





#79

Terphenyl-d14

Concen: 74.625 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044932.D

Acq: 24 Mar 2020 16:09

Instrument :

BNA_G

ClientSampleId :

GHD1-WC-C-01

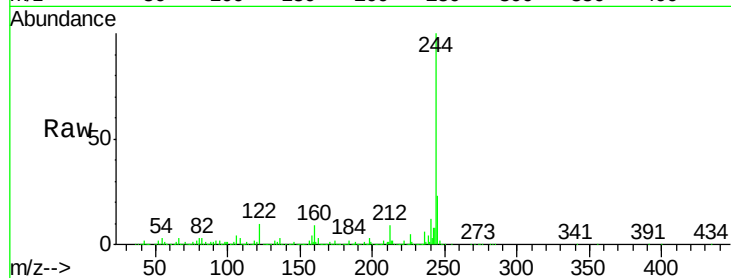
Tot Ion:244 Resp: 1885161

Ion Ratio Lower Upper

244 100

212 9.3 7.7 11.5

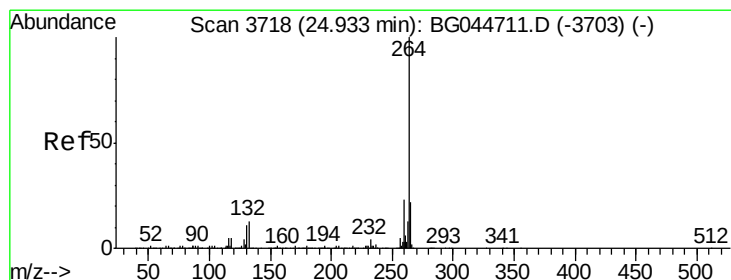
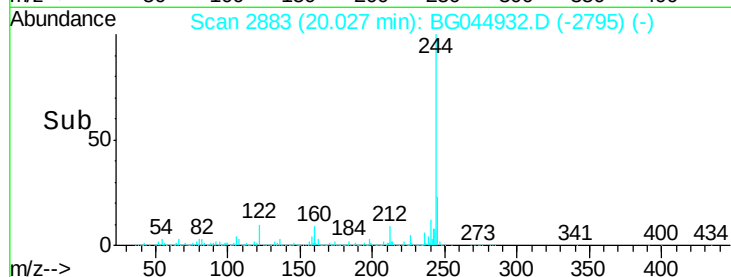
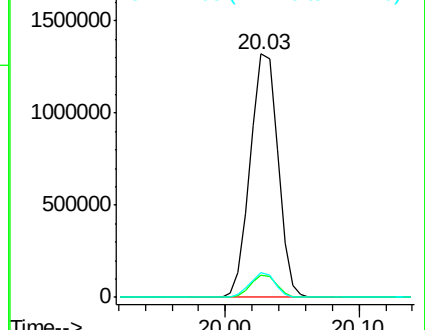
122 10.3 8.6 12.8



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: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044932.D

Acq: 24 Mar 2020 16:09

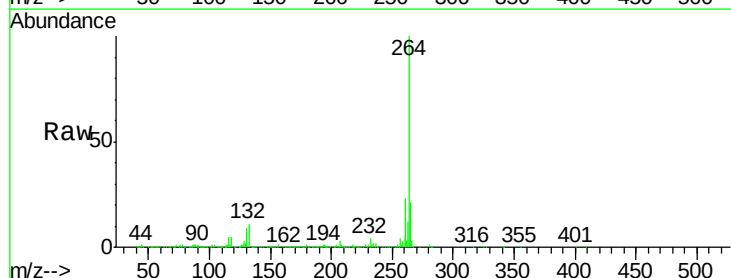
Tgt Ion:264 Resp: 516754

Ion Ratio Lower Upper

264 100

260 22.8 18.1 27.1

265 21.2 17.1 25.7



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

