

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046486.D
 Acq On : 1 Sep 2020 15:43
 Operator : CG/JU
 Sample : L3854-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ216-355

Quant Time: Sep 01 17:08:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

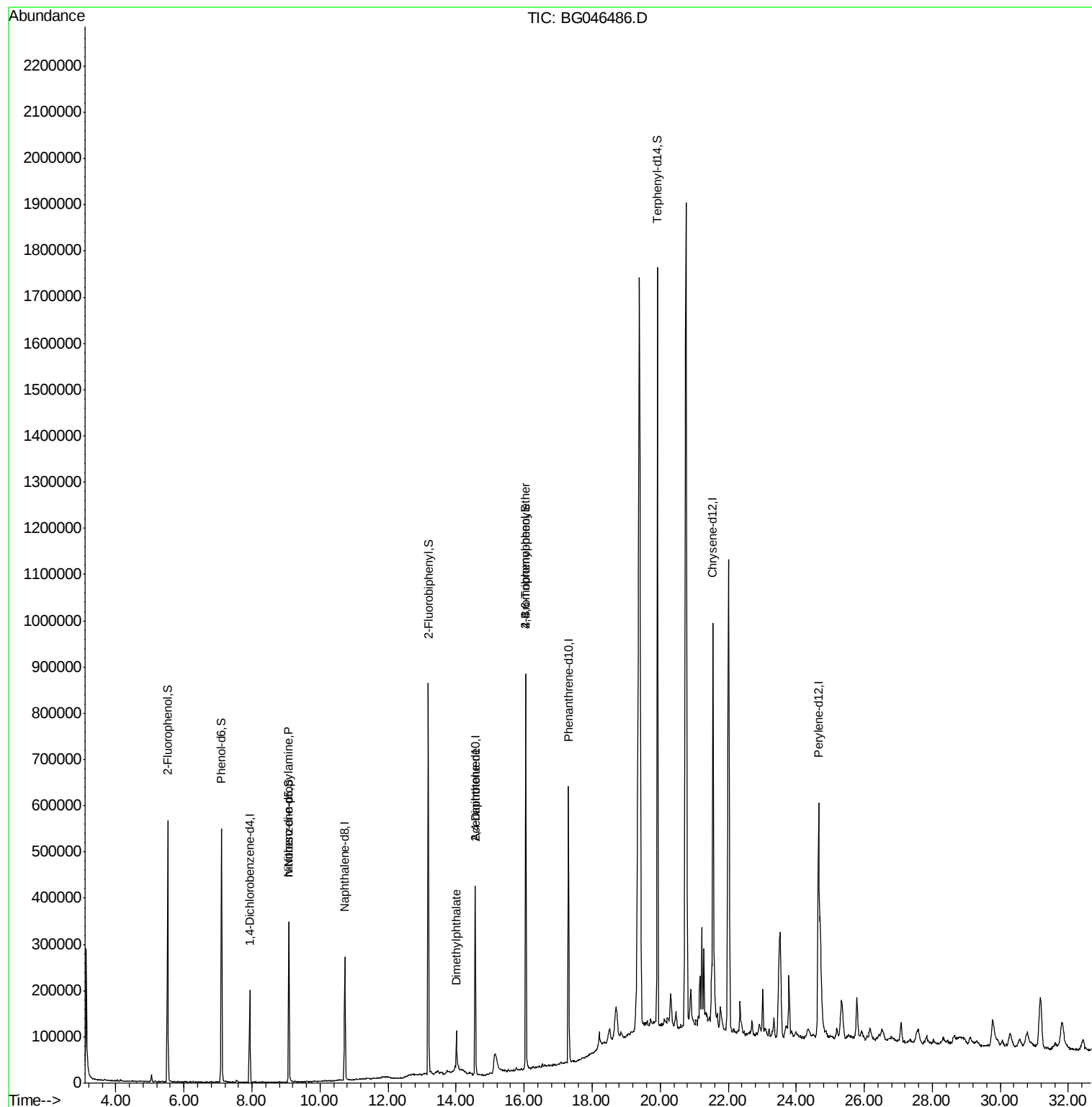
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	63169	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	237503	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	145363	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	397829	20.00	ng	0.00
76) Chrysene-d12	21.55	240	468612	20.00	ng	0.00
86) Perylene-d12	24.66	264	501771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	275274	77.18	ng	0.00
7) Phenol-d6	7.10	99	350212	69.27	ng	0.00
23) Nitrobenzene-d5	9.08	82	224891	54.12	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	172539	87.60	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	454157	47.69	ng	0.00
79) Terphenyl-d14	19.92	244	780400	35.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	28901	9.557	ng	# 76
50) Dimethylphthalate	14.01	163	54110	4.811	ng	# 99
57) 2,4-Dinitrotoluene	14.56	165	19477	5.510	ng	# 34
67) 4-Bromophenyl-phenylether	16.05	248	13124	2.828	ng	# 1

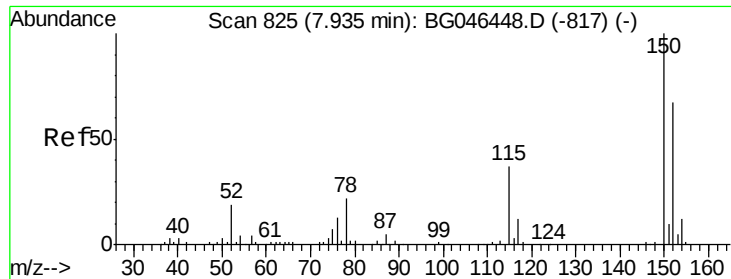
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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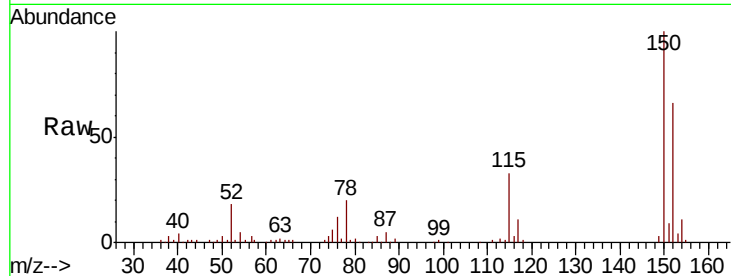


#1

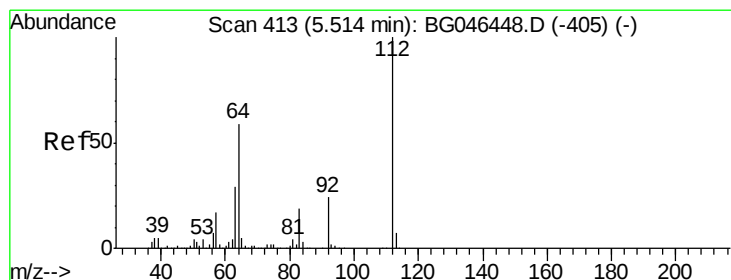
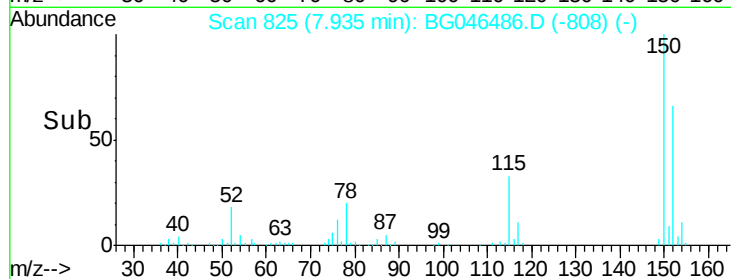
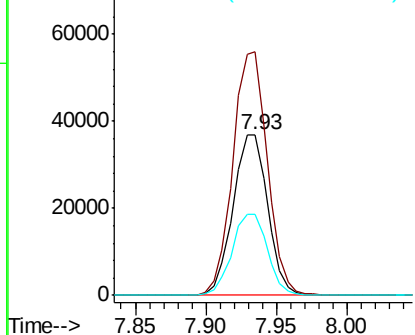
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG046486.D
Acq: 1 Sep 2020 15:43

Instrument :
BNA_G
ClientSampleId :
VNJ216-355

Tot Ion:152 Resp: 63169
Ion Ratio Lower Upper
152 100
150 151.8 119.5 179.3
115 50.2 44.3 66.5



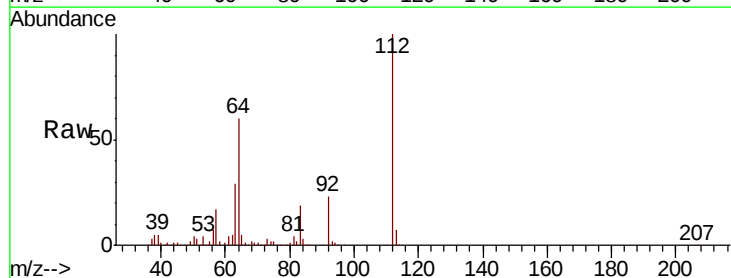
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



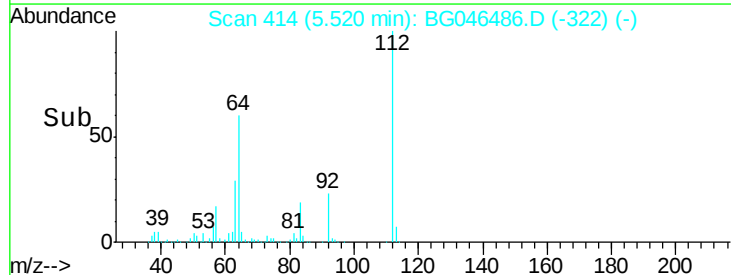
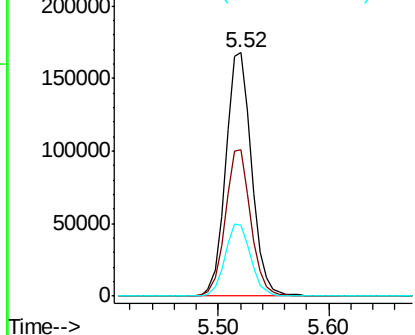
#5

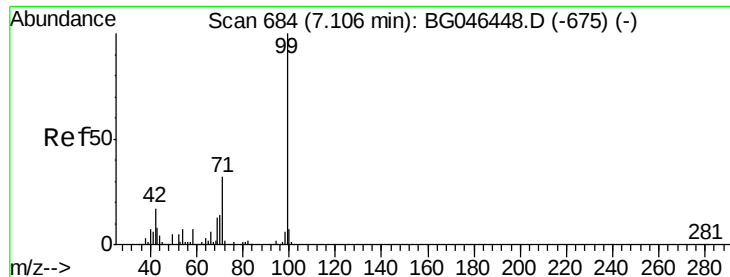
2-Fluorophenol
Concen: 77.184 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG046486.D
Acq: 1 Sep 2020 15:43

Tgt Ion:112 Resp: 275274
Ion Ratio Lower Upper
112 100
64 60.0 47.0 70.6
63 29.0 23.5 35.3



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: 69.269 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046486.D

Acq: 1 Sep 2020 15:43

Instrument :

BNA_G

ClientSampleId :

VNJ216-355

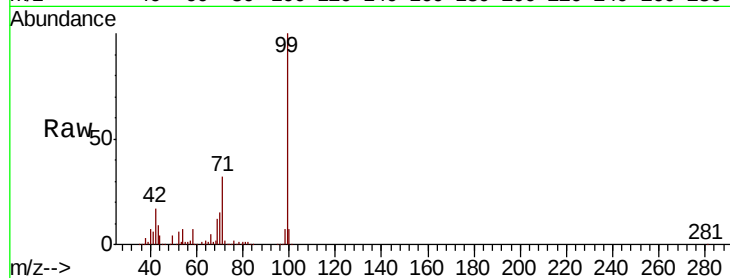
Tot Ion: 99 Resp: 350212

Ion Ratio Lower Upper

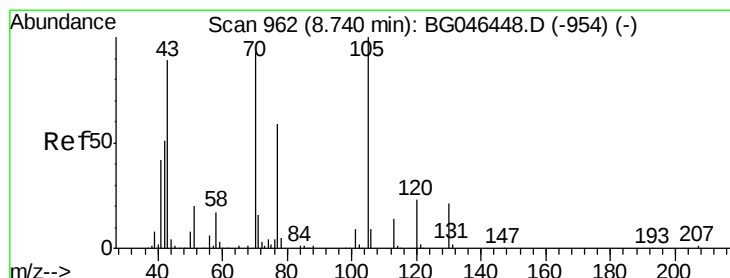
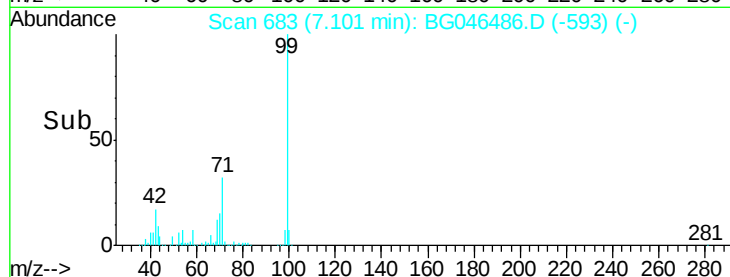
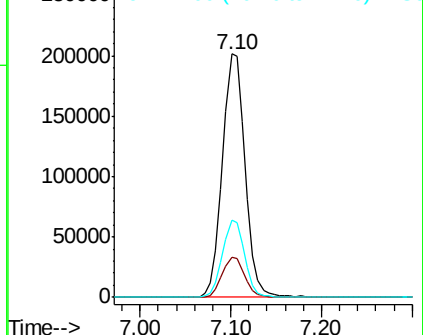
99 100

42 16.6 13.3 19.9

71 31.7 25.3 37.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.557 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046486.D

Acq: 1 Sep 2020 15:43

Tgt Ion: 70 Resp: 28901

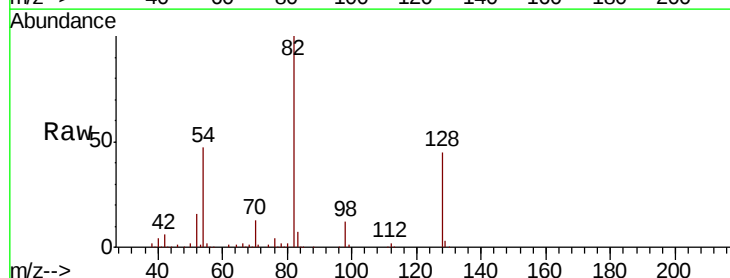
Ion Ratio Lower Upper

70 100

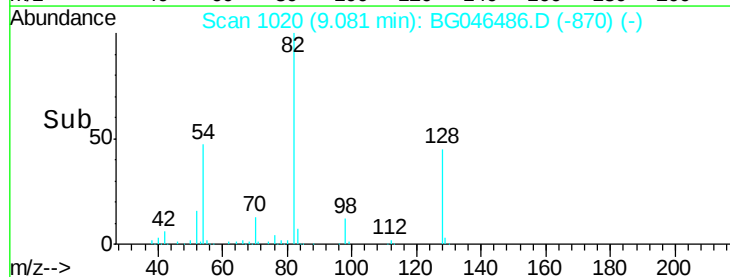
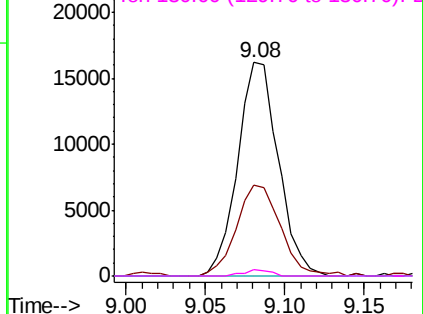
42 42.9 44.2 66.2#

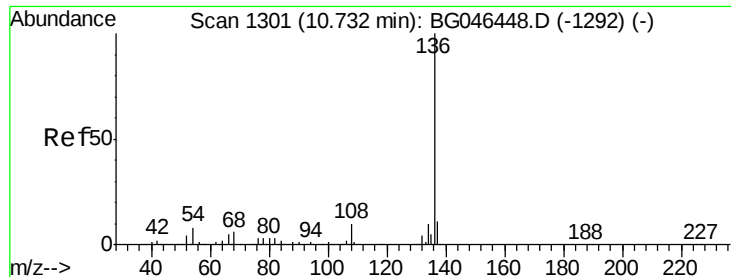
101 0.0 7.8 11.8#

130 2.8 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

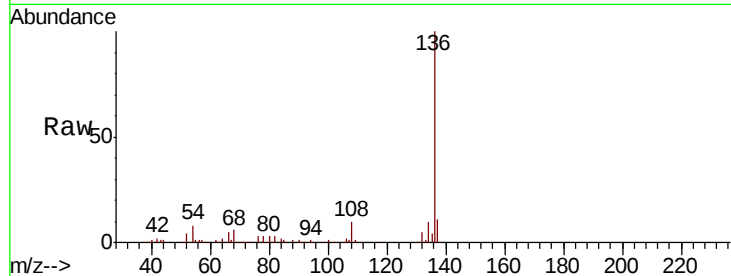




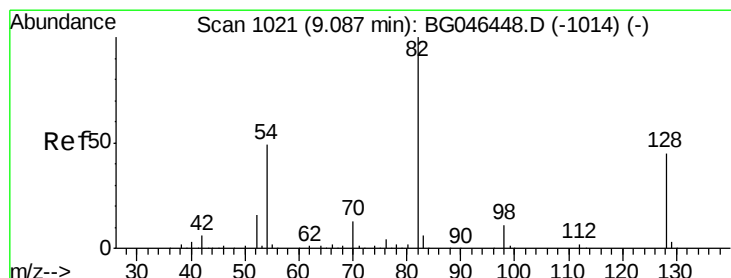
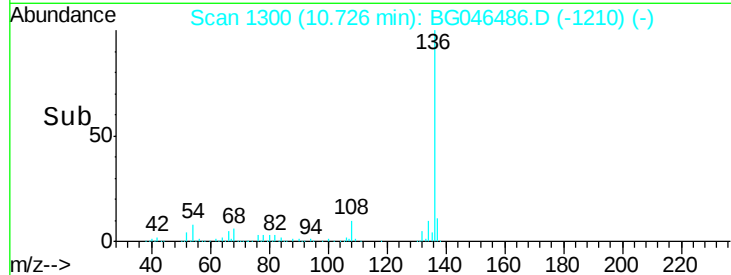
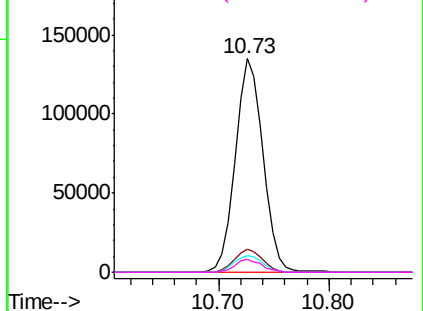
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046486.D
Acq: 1 Sep 2020 15:43

Instrument :
BNA_G
ClientSampleId :
VNJ216-355

Tot Ion:136	Resp:	237503
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	8.0	6.1 9.1
68	6.0	4.8 7.2

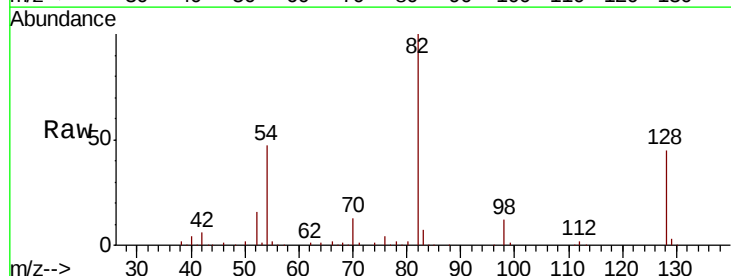


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

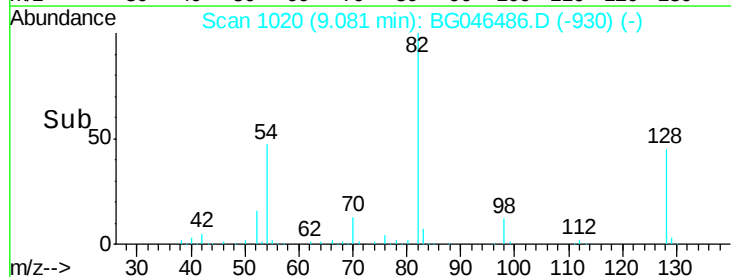
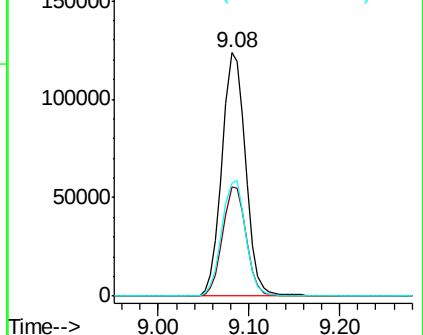


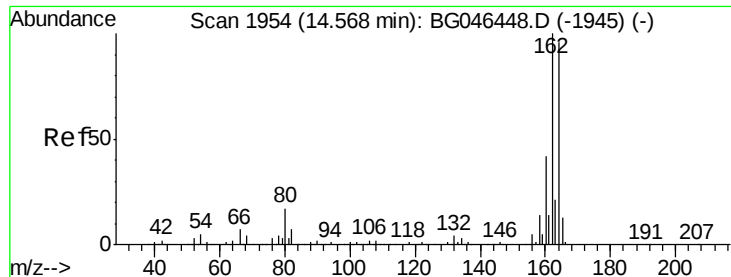
#23
Nitrobenzene-d5
Concen: 54.120 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046486.D
Acq: 1 Sep 2020 15:43

Tgt Ion: 82	Resp:	224891
Ion	Ratio	Lower Upper
82	100	
128	44.8	35.7 53.5
54	46.5	39.4 59.0



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: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046486.D

Acq: 1 Sep 2020 15:43

Instrument :

BNA_G

ClientSampleId :

VNJ216-355

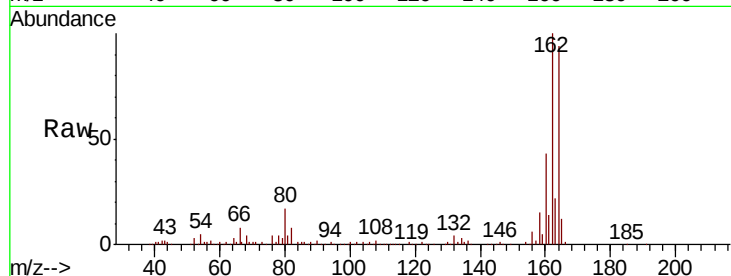
Tot Ion:164 Resp: 145363

Ion Ratio Lower Upper

164 100

162 105.9 83.3 124.9

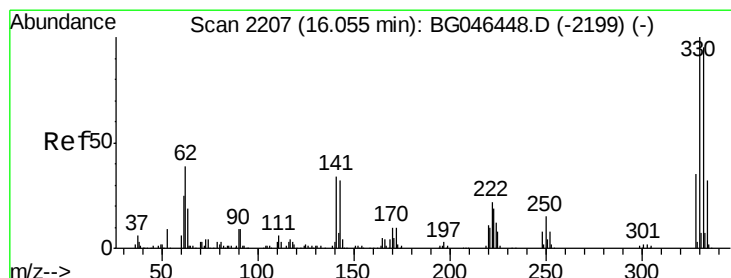
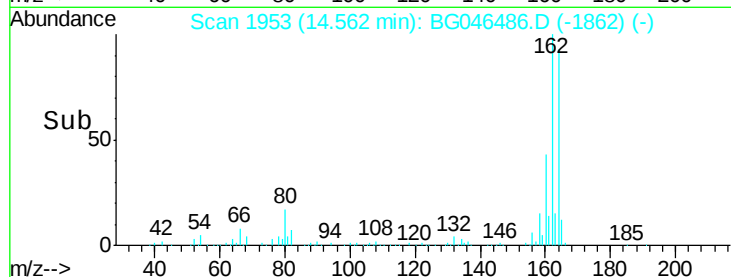
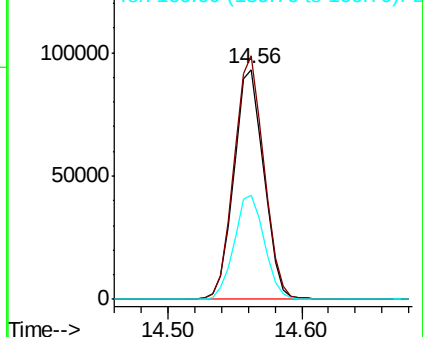
160 45.4 35.0 52.6



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



#42

2,4,6-Tribromophenol

Concen: 87.602 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046486.D

Acq: 1 Sep 2020 15:43

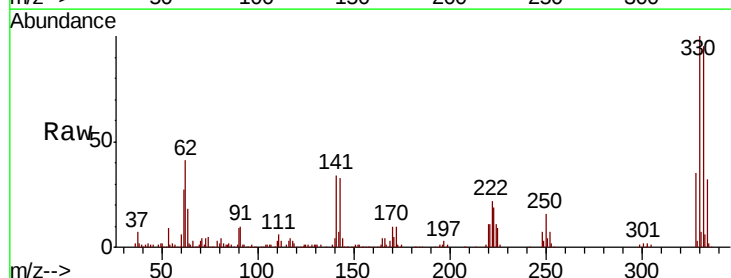
Tgt Ion:330 Resp: 172539

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

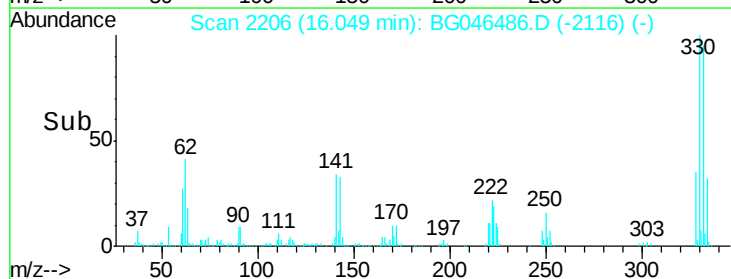
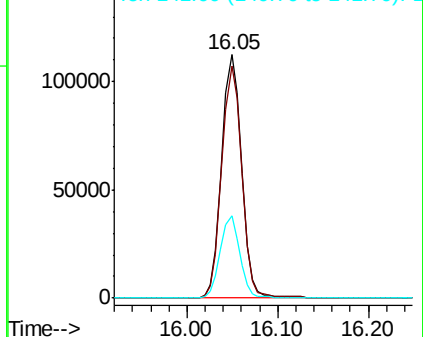
141 33.4 26.1 39.1

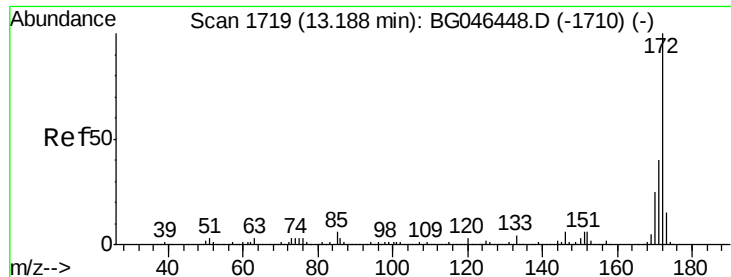


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

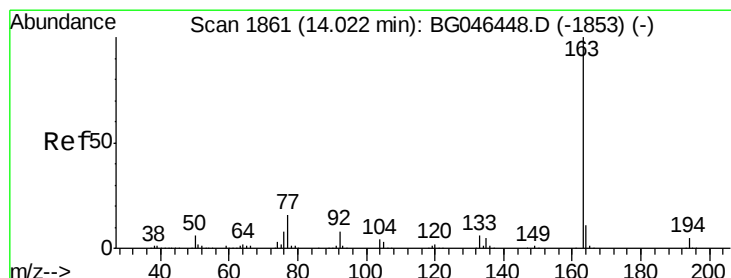
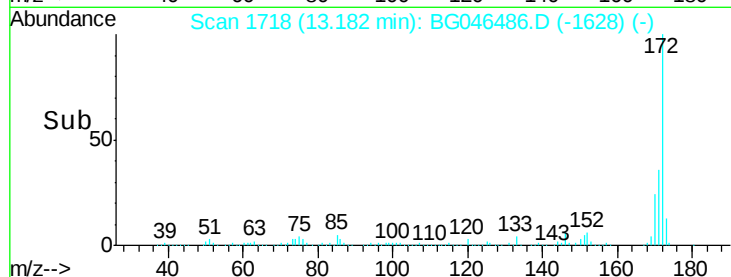
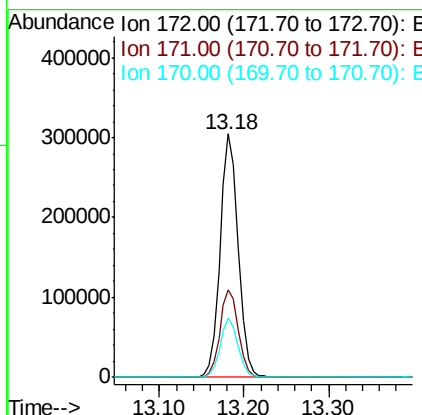
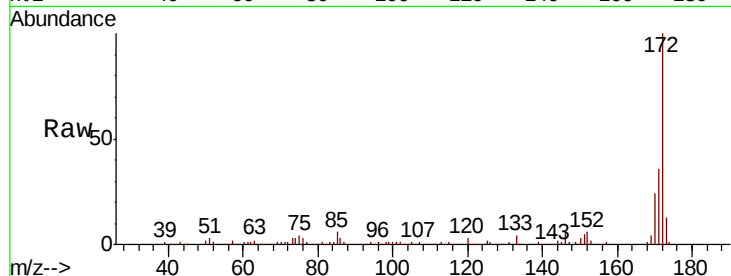




#45
2-Fluorobiphenyl
Concen: 47.694 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046486.D
Acq: 1 Sep 2020 15:43

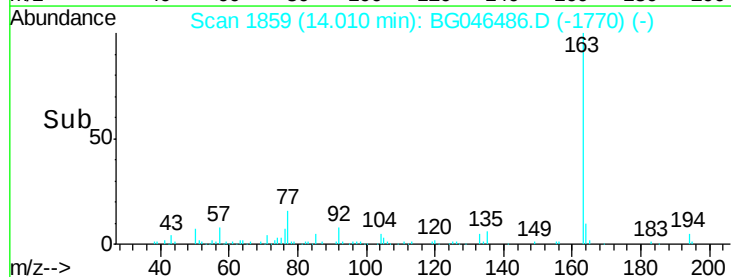
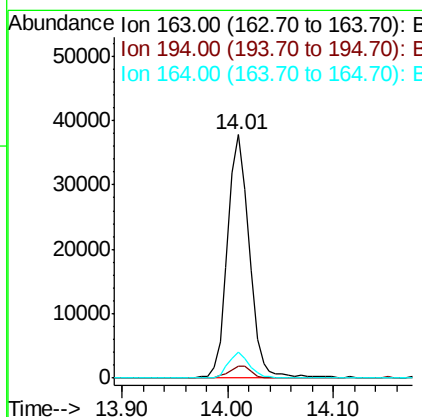
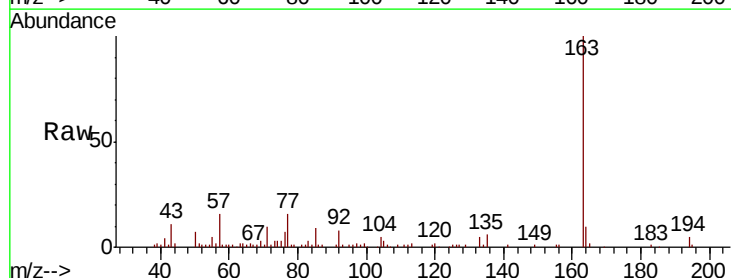
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BNA_G
ClientSampleId :
VNJ216-355

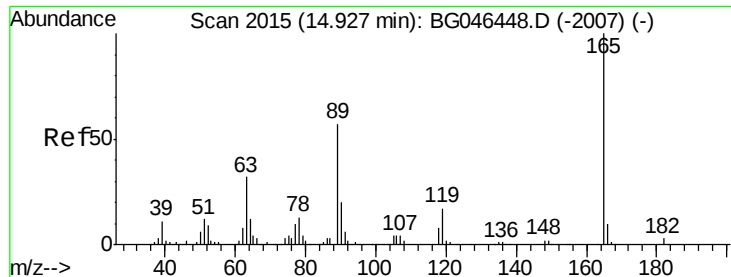
Tot Ion:172 Resp: 454157
Ion Ratio Lower Upper
172 100
171 35.8 31.8 47.6
170 24.4 20.3 30.5



#50
Dimethylphthalate
Concen: 4.811 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046486.D
Acq: 1 Sep 2020 15:43

Tgt Ion:163 Resp: 54110
Ion Ratio Lower Upper
163 100
194 4.9 3.7 5.5
164 10.5 8.6 12.8

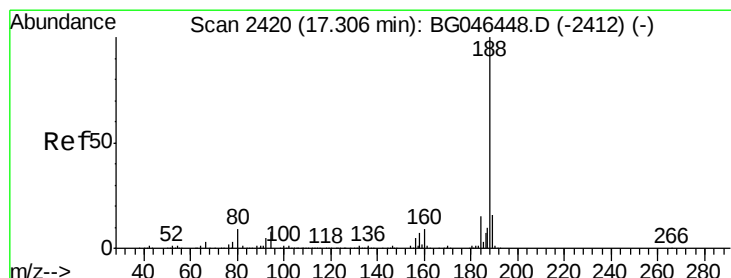
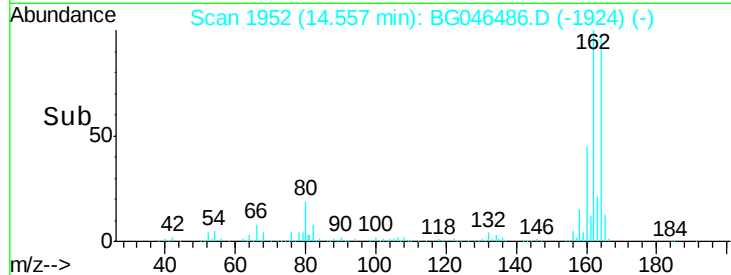
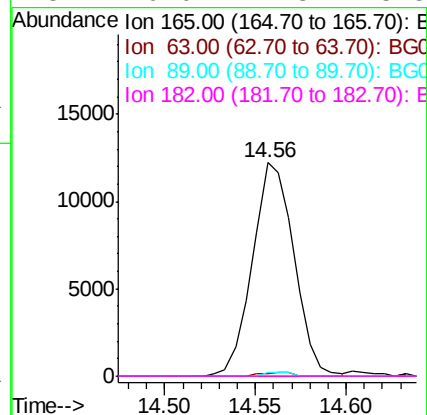
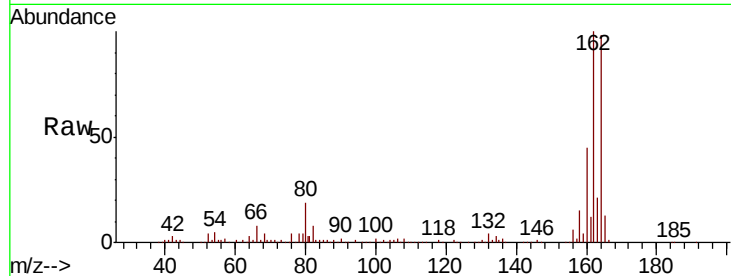




#57
 2,4-Dinitrotoluene
 Concen: 5.510 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046486.D
 Acq: 1 Sep 2020 15:43

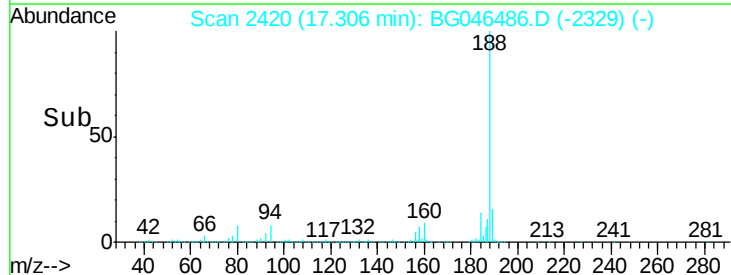
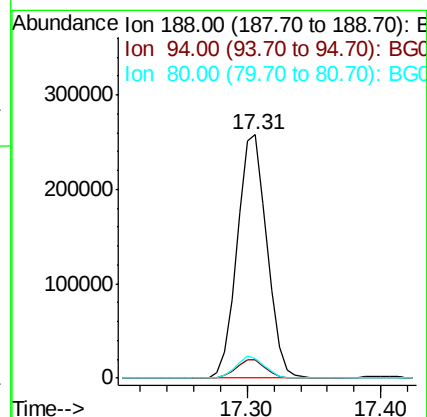
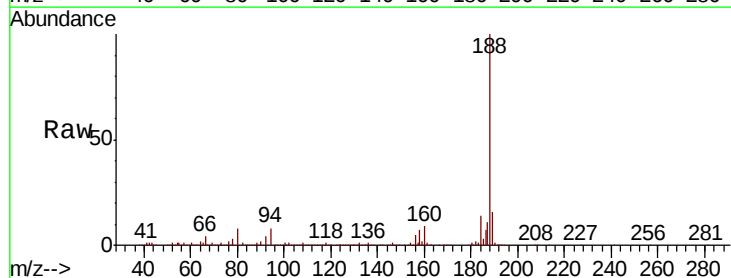
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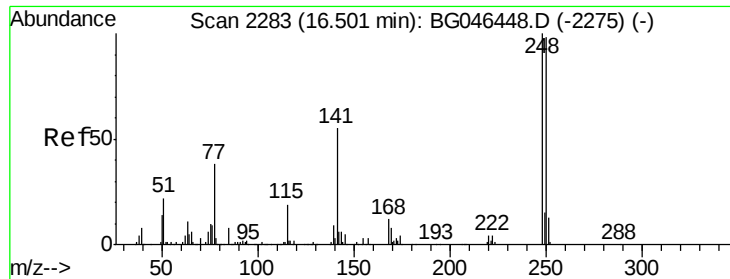
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.6	45.9	68.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.31 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BG046486.D
 Acq: 1 Sep 2020 15:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.2	6.9	10.3

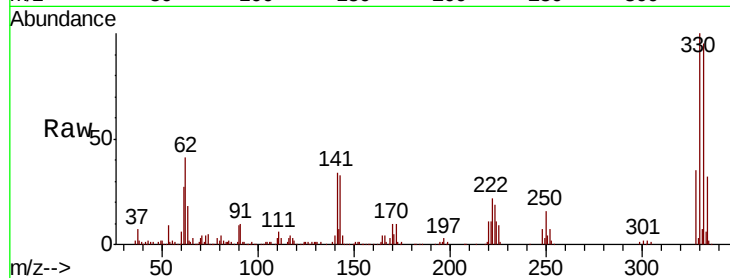




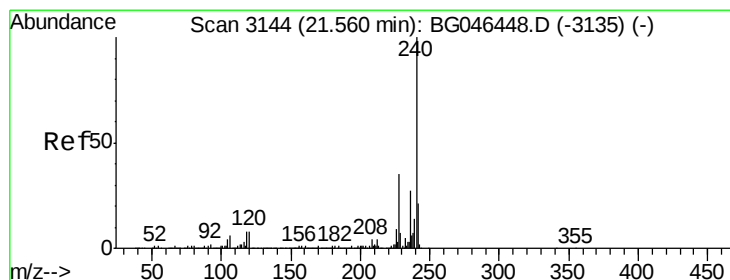
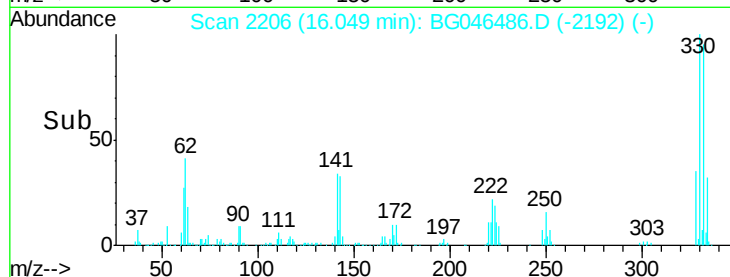
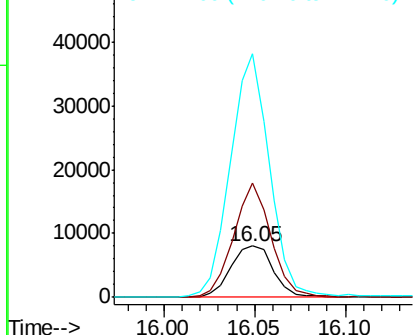
#67
 4-Bromophenyl-phenylether
 Concen: 2.828 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.45 min
 Lab File: BG046486.D
 Acq: 1 Sep 2020 15:43

Instrument :
 BNA_G
 ClientSampled :
 VNJ216-355

Tot Ion:248 Resp: 13124
 Ion Ratio Lower Upper
 248 100
 250 221.1 78.6 118.0#
 141 472.9 43.9 65.9#

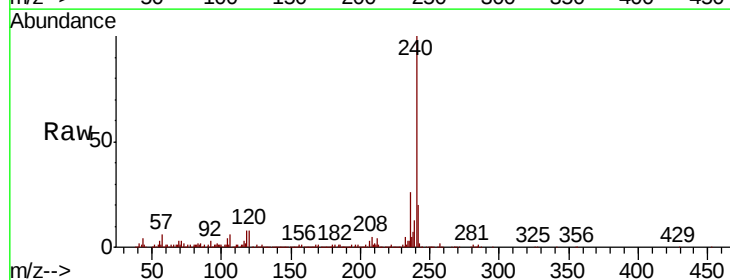


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

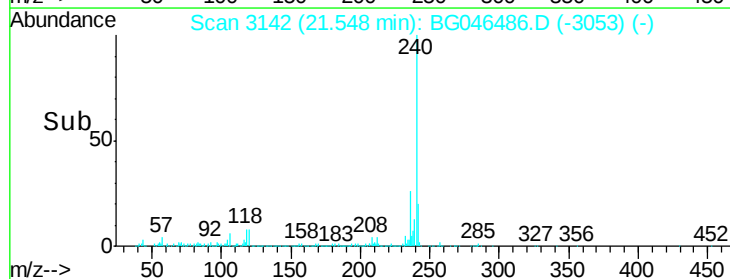
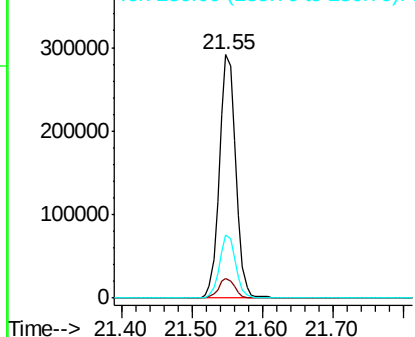


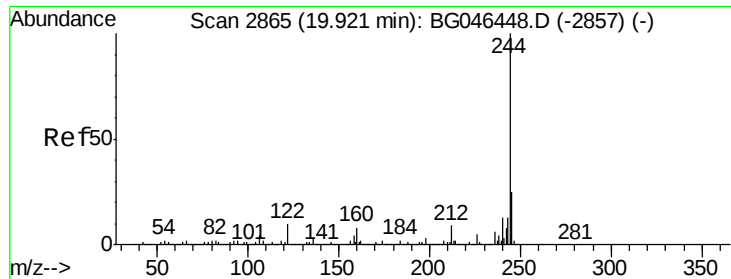
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG046486.D
 Acq: 1 Sep 2020 15:43

Tgt Ion:240 Resp: 468612
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.6 10.0
 236 26.0 21.4 32.2



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: 35.441 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046486.D

Acq: 1 Sep 2020 15:43

Instrument :

BNA_G

ClientSampleId :

VNJ216-355

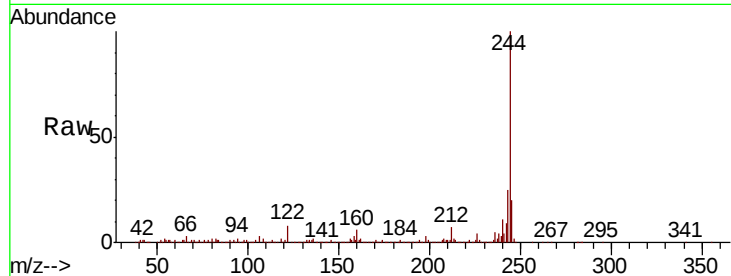
Tot Ion:244 Resp: 780400

Ion Ratio Lower Upper

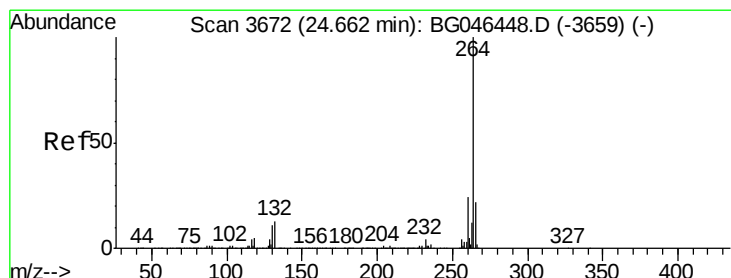
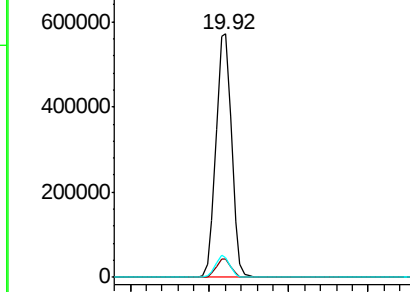
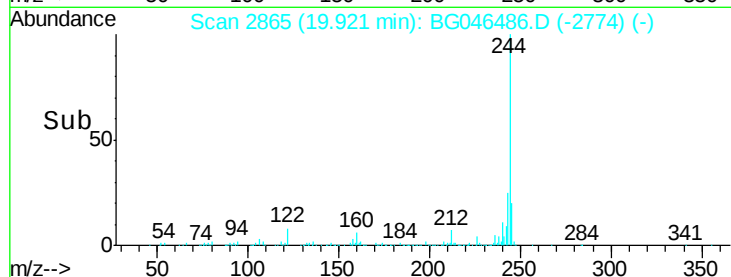
244 100

212 7.3 6.9 10.3

122 8.1 8.2 12.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BG046486.D

Acq: 1 Sep 2020 15:43

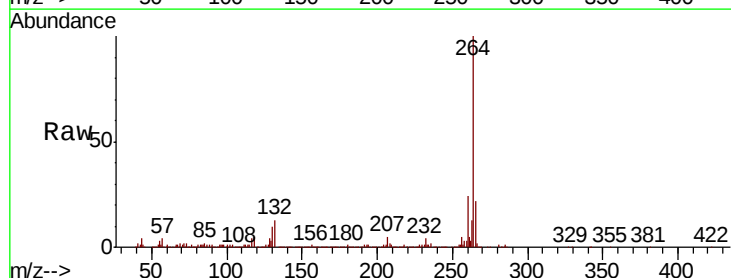
Tgt Ion:264 Resp: 501771

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.6 17.9 26.9



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

