

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042995.D
 Acq On : 2 Oct 2019 21:40
 Operator : JU
 Sample : K5127-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190762-SS-COMPOSITE-2

Quant Time: Oct 03 05:38:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

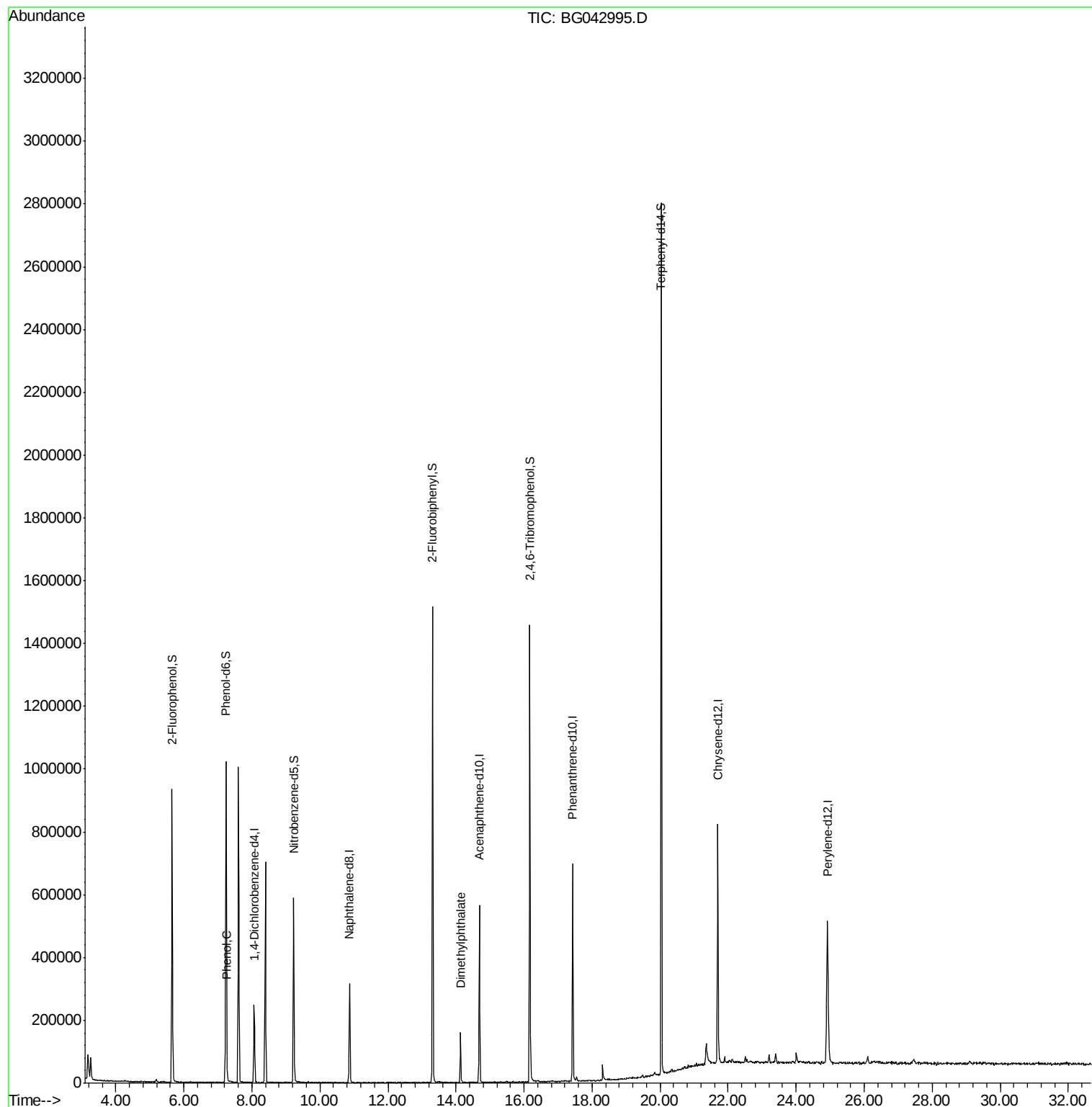
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69663	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	272085	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	200920	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	453617	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	472745	20.00	ng	-0.02
87) Perylene-d12	24.92	264	540476	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	400876	102.70	ng	0.00
7) Phenol-d6	7.24	99	580887	103.34	ng	0.00
23) Nitrobenzene-d5	9.23	82	359937	64.30	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	307392	88.97	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	807183	58.24	ng	-0.01
79) Terphenyl-d14	20.04	244	1345028	60.63	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	12050	2.336	ng	93
50) Dimethylphthalate	14.14	163	102858	6.833	ng	98

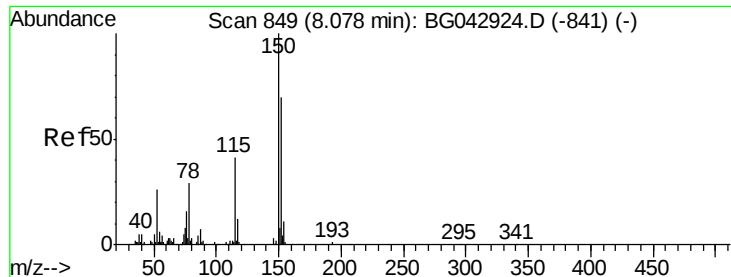
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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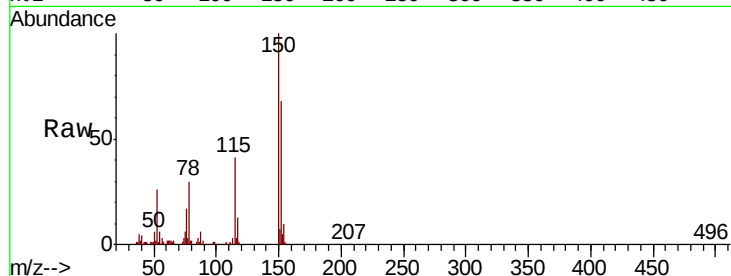


#1

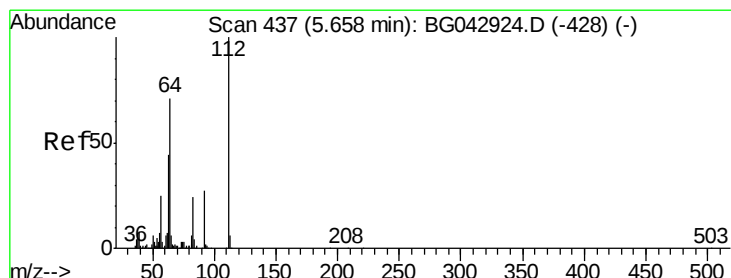
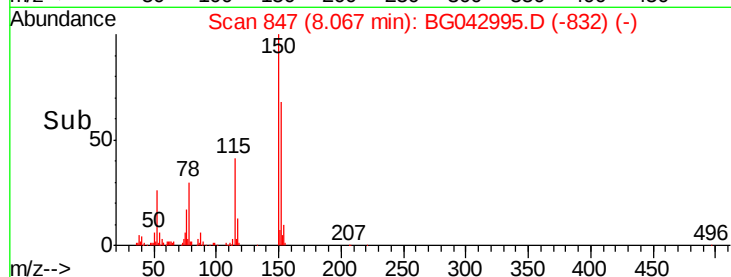
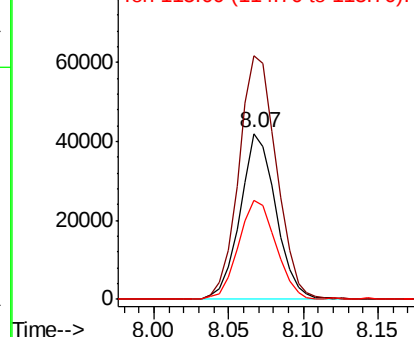
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042995.D
Acq: 2 Oct 2019 21:40

Instrument :
BNA_G
ClientSampleId :
20190762-SS-COMPOSITE-2

Tot Ion:152 Resp: 69663
Ion Ratio Lower Upper
152 100
150 146.8 115.0 172.4
115 59.5 47.0 70.6



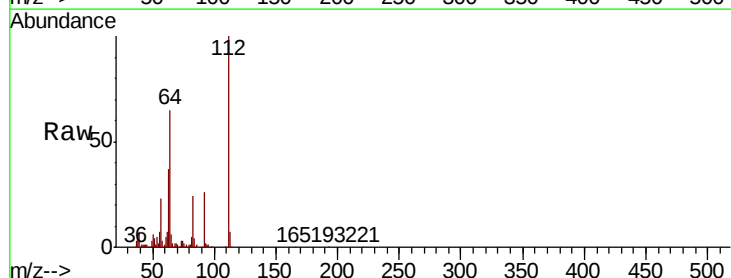
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



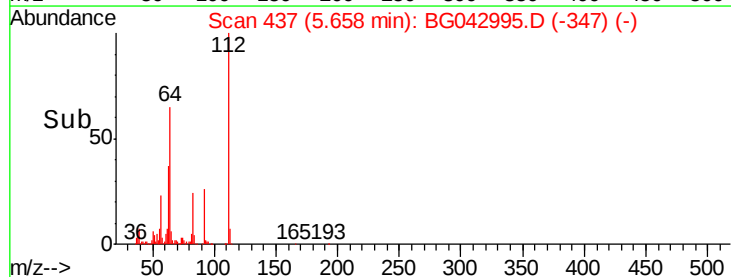
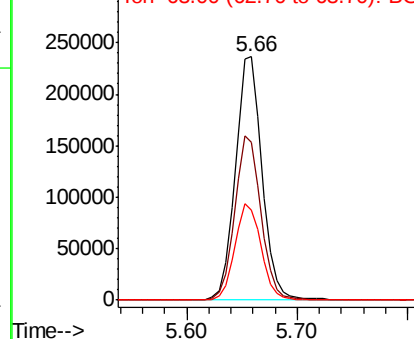
#5

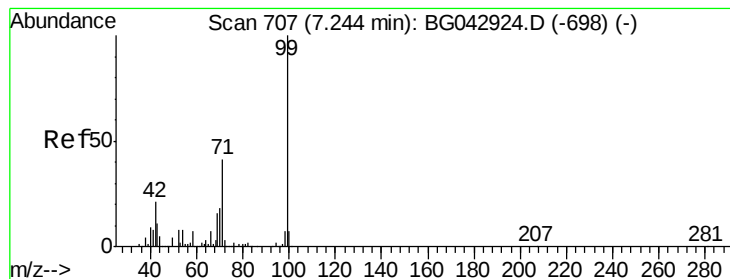
2-Fluorophenol
Concen: 102.696 ng
RT: 5.66 min Scan# 437
Delta R.T. 0.00 min
Lab File: BG042995.D
Acq: 2 Oct 2019 21:40

Tgt Ion:112 Resp: 400876
Ion Ratio Lower Upper
112 100
64 65.0 56.6 84.8
63 37.2 35.1 52.7



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: 103.337 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG042995.D

Acq: 2 Oct 2019 21:40

Instrument :

BNA_G

ClientSampleId :

20190762-SS-COMPOSITE-2

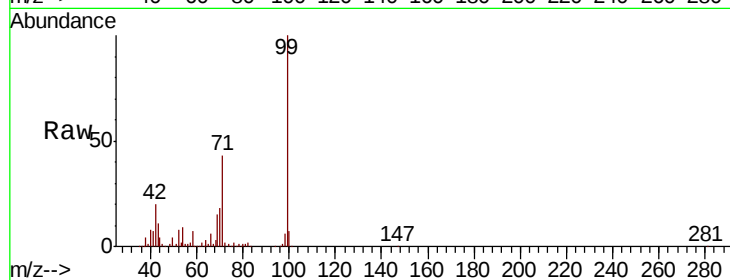
Tot Ion: 99 Resp: 580887

Ion Ratio Lower Upper

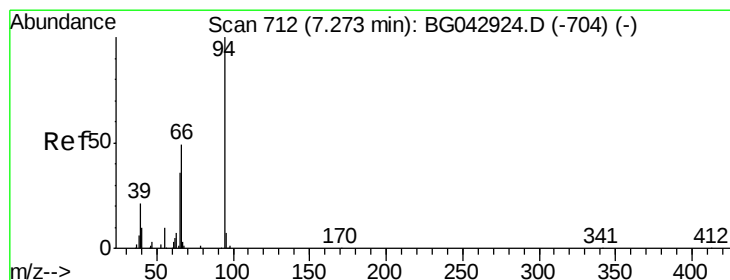
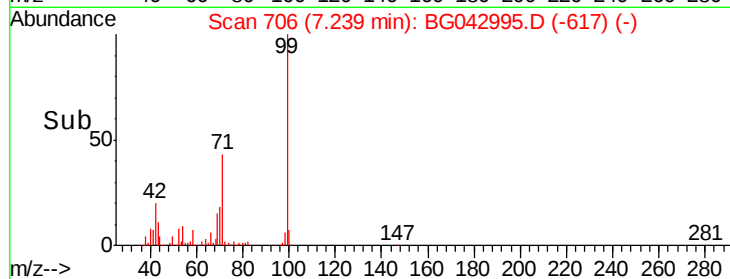
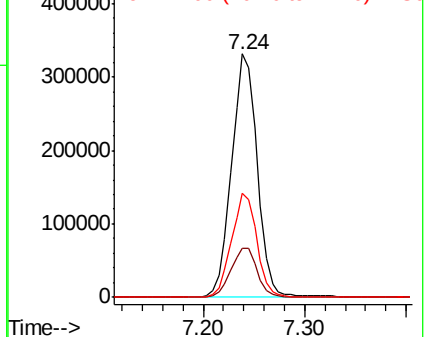
99 100

42 20.2 17.2 25.8

71 42.9 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



#10

Phenol

Concen: 2.336 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042995.D

Acq: 2 Oct 2019 21:40

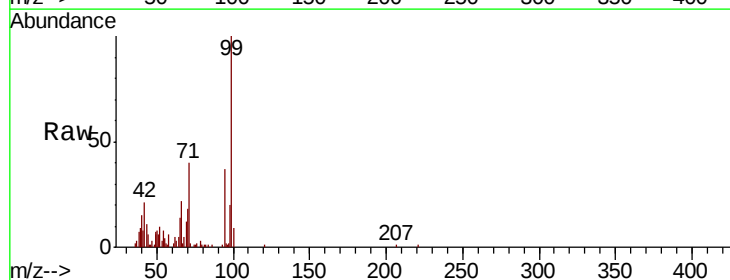
Tgt Ion: 94 Resp: 12050

Ion Ratio Lower Upper

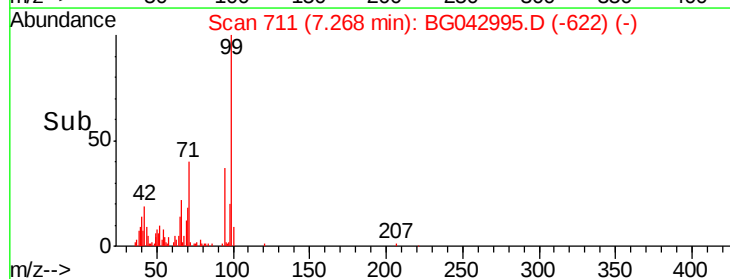
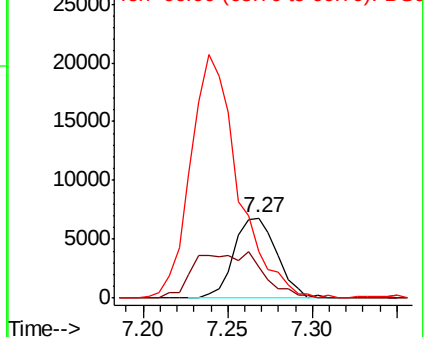
94 100

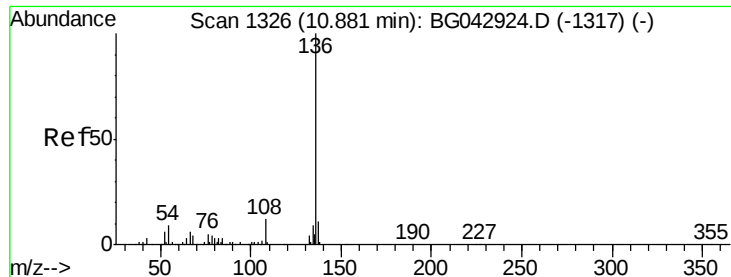
65 38.4 16.6 56.6

66 58.8 32.4 72.4



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

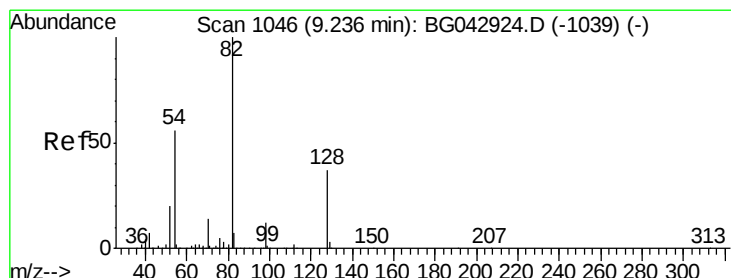
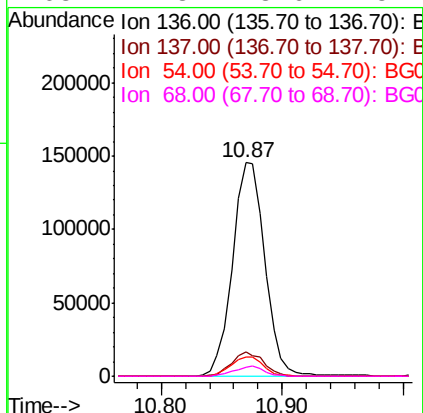
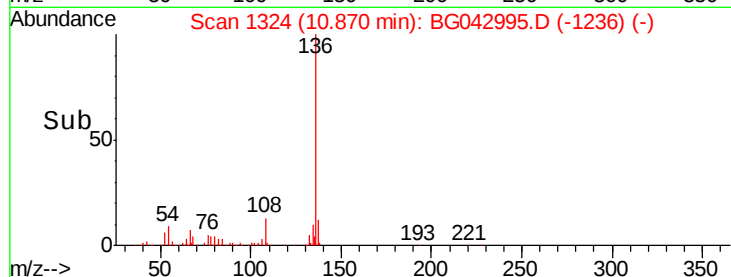
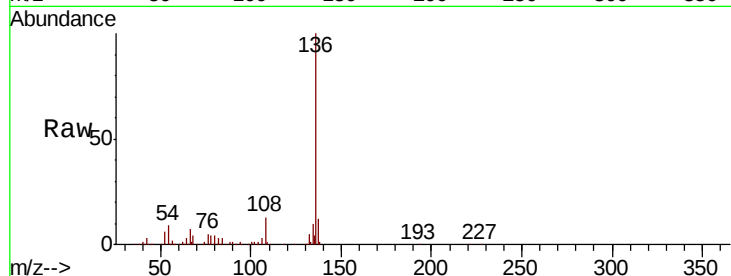




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042995.D
Acq: 2 Oct 2019 21:40

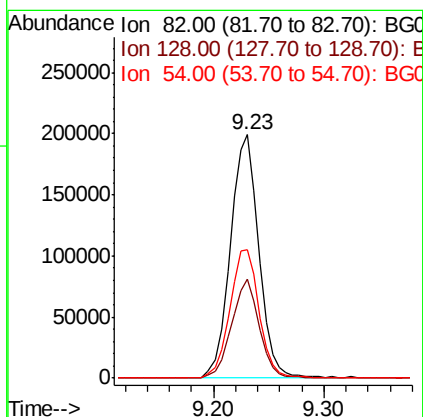
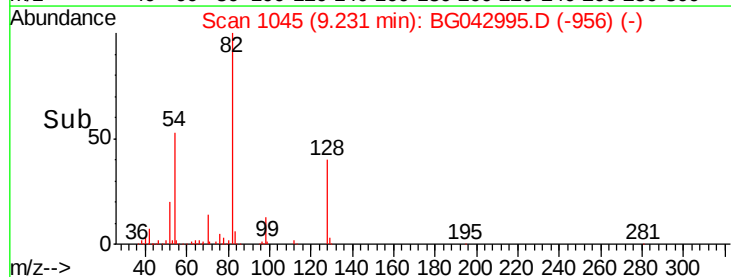
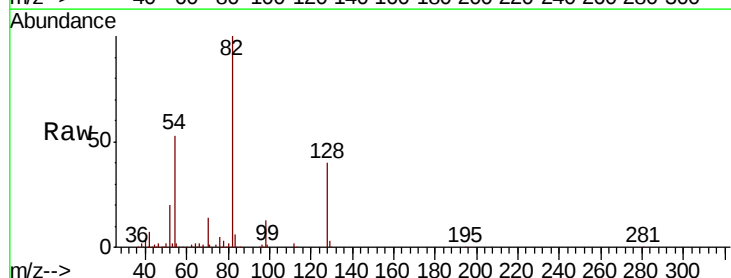
Instrument :
BNA_G
ClientSampleId :
20190762-SS-COMPOSITE-2

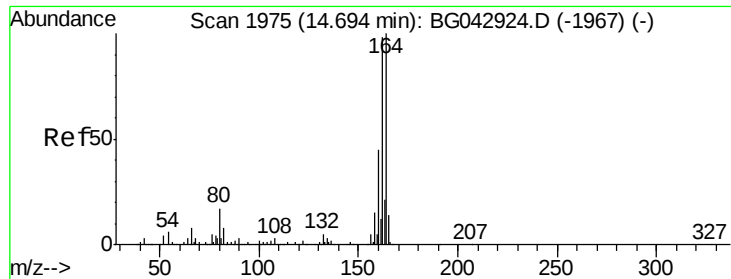
Tot Ion:136	Resp: 272085
Ion Ratio	Lower Upper
136 100	
137 11.7	8.5 12.7
54 9.1	7.4 11.2
68 4.3	3.6 5.4



#23
Nitrobenzene-d5
Concen: 64.299 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042995.D
Acq: 2 Oct 2019 21:40

Tgt	Ion: 82	Resp:	359937
Ion	Ratio	Lower	Upper
82	100		
128	40.4	29.5	44.3
54	52.8	44.6	67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042995.D

Acq: 2 Oct 2019 21:40

Instrument :

BNA_G

ClientSampleId :

20190762-SS-COMPOSITE-2

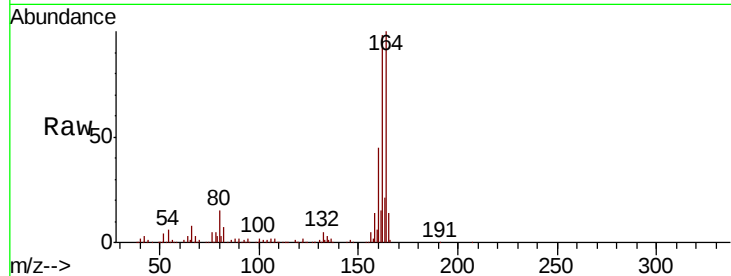
Tot Ion:164 Resp: 200920

Ion Ratio Lower Upper

164 100

162 98.2 78.5 117.7

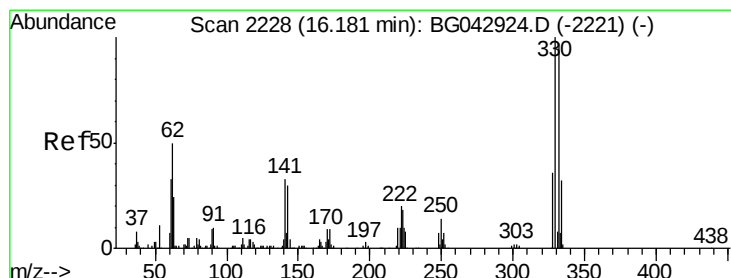
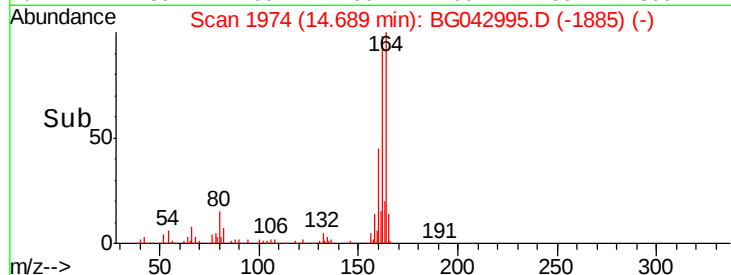
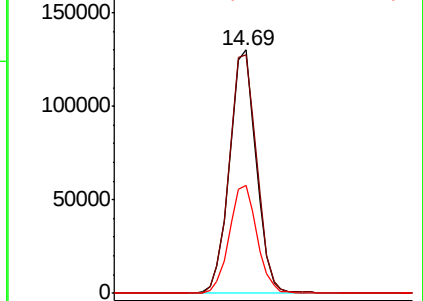
160 44.6 35.9 53.9



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: 88.972 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042995.D

Acq: 2 Oct 2019 21:40

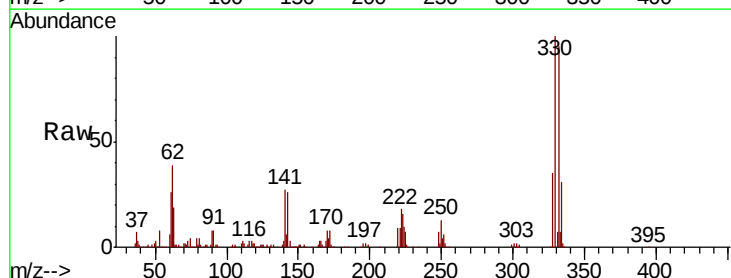
Tgt Ion:330 Resp: 307392

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.2

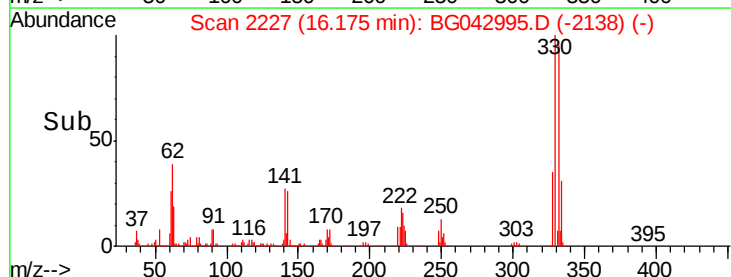
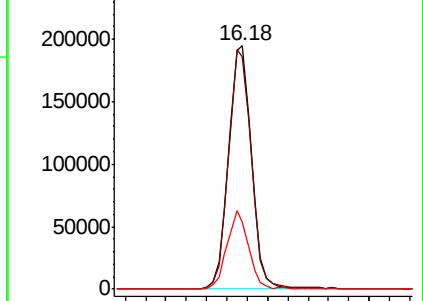
141 30.2 26.0 39.0

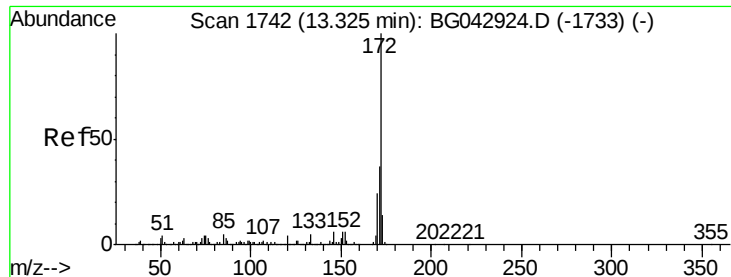


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

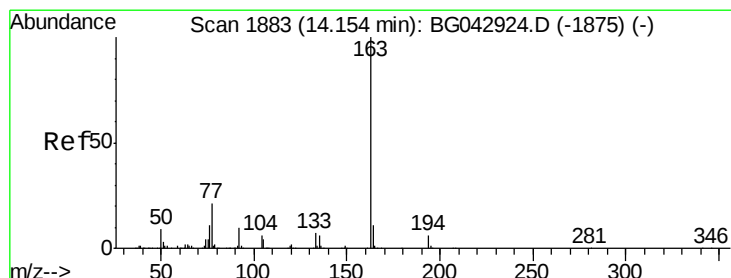
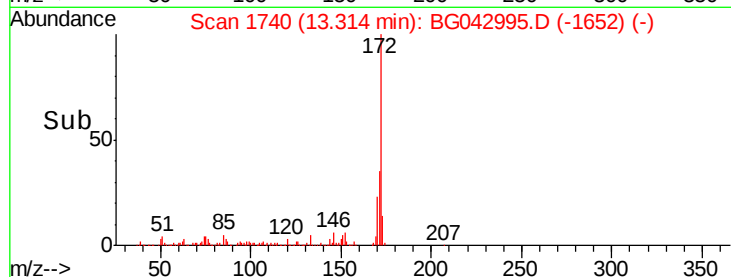
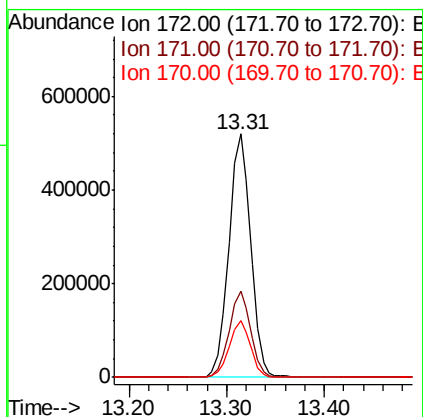
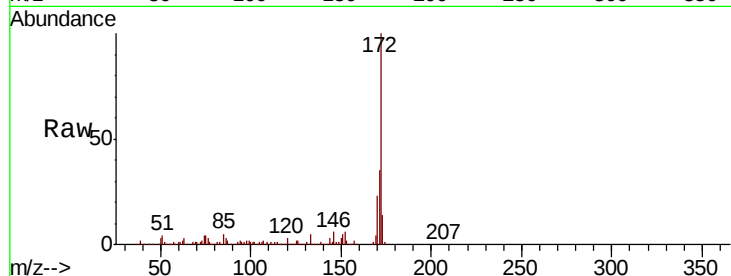




#45
2-Fluorobiphenyl
Concen: 58.241 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042995.D
Acq: 2 Oct 2019 21:40

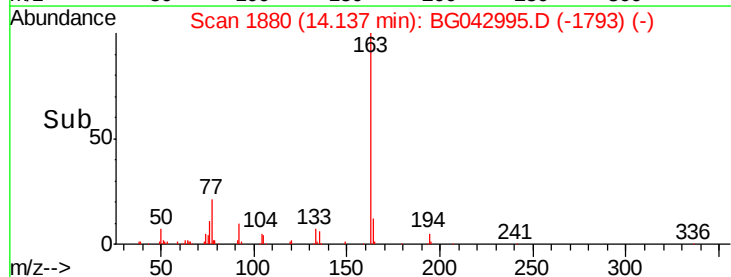
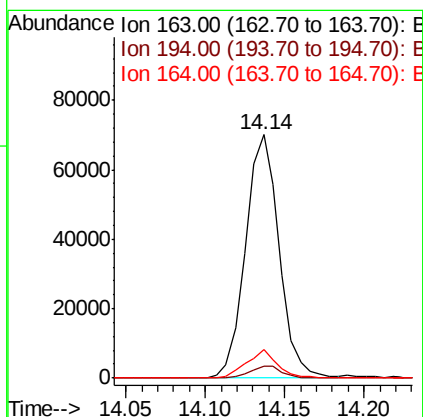
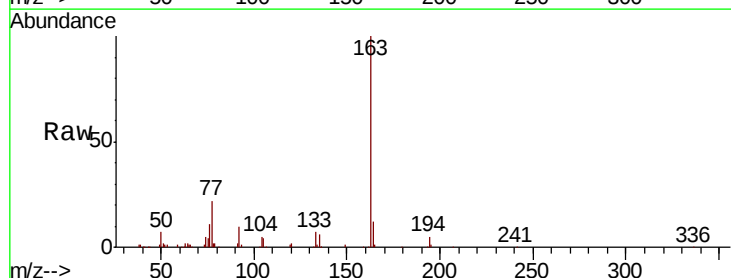
Instrument :
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20190762-SS-COMPOSITE-2

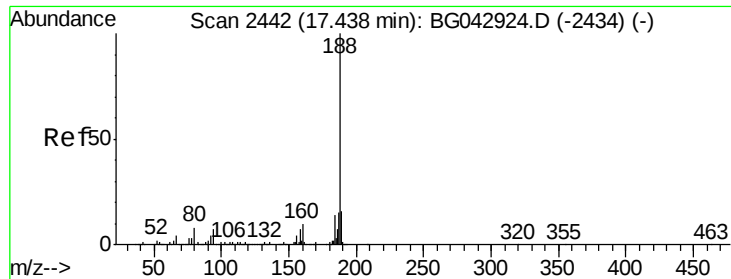
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.4	19.6	29.4



#50
Dimethylphthalate
Concen: 6.833 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042995.D
Acq: 2 Oct 2019 21:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.4	6.6
164	11.6	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG042995.D

Acq: 2 Oct 2019 21:40

Instrument :

BNA_G

ClientSampleId :

20190762-SS-COMPOSITE-2

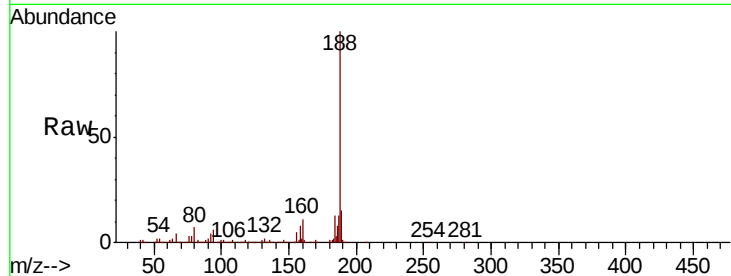
Tot Ion:188 Resp: 453617

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	7.4	6.5	9.7

188 100

94 6.3 5.7 8.5

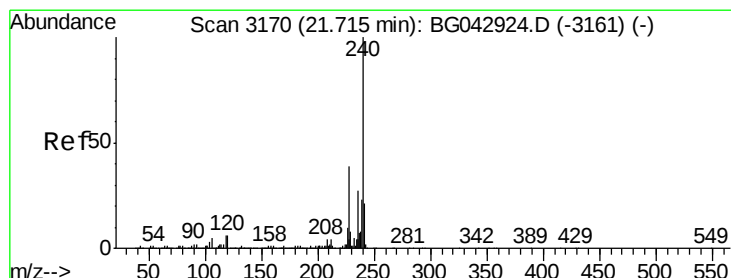
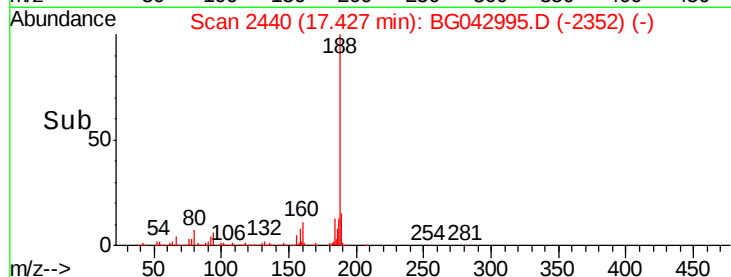
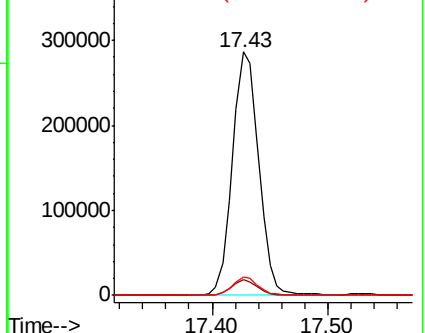
80 7.4 6.5 9.7



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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG042995.D

Acq: 2 Oct 2019 21:40

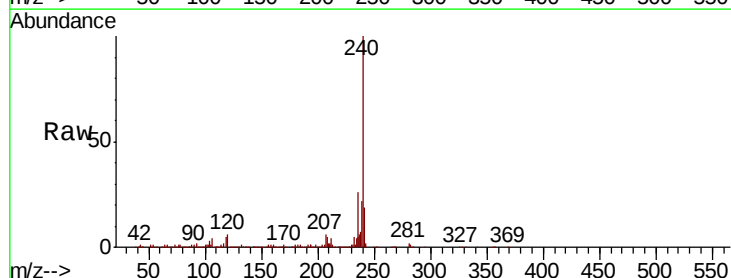
Tgt Ion:240 Resp: 472745

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.8	7.2
236	25.8	21.4	32.0

240 100

120 5.8 4.8 7.2

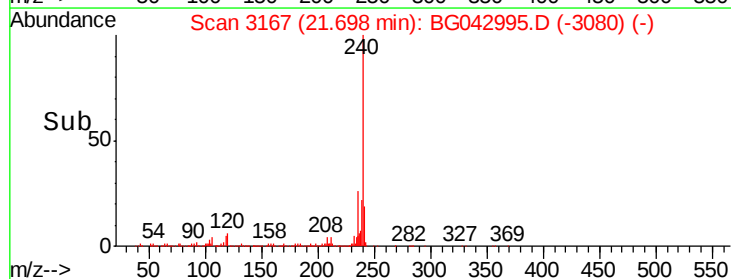
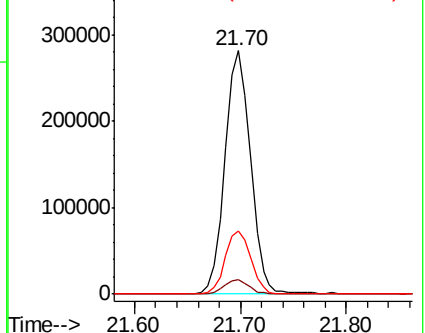
236 25.8 21.4 32.0

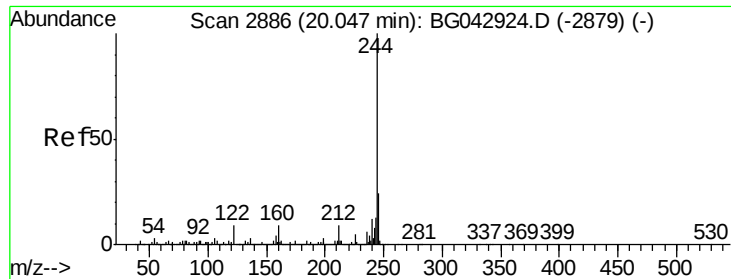


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.627 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG042995.D

Acq: 2 Oct 2019 21:40

Instrument :

BNA_G

ClientSampleId :

20190762-SS-COMPOSITE-2

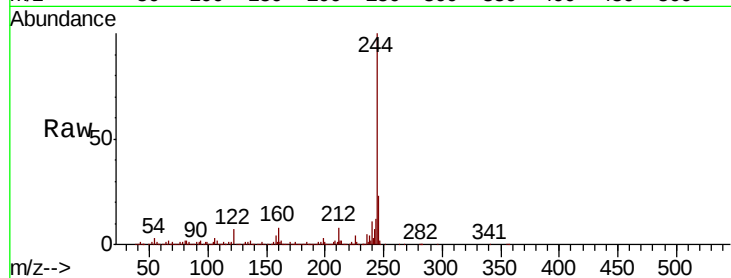
Tot Ion:244 Resp: 1345028

Ion Ratio Lower Upper

244 100

212 7.7 7.4 11.0

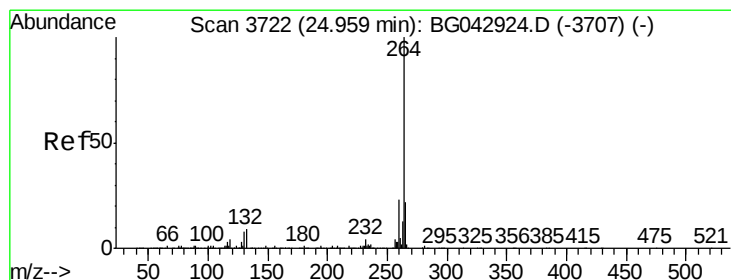
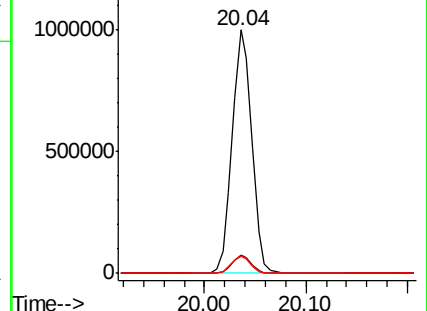
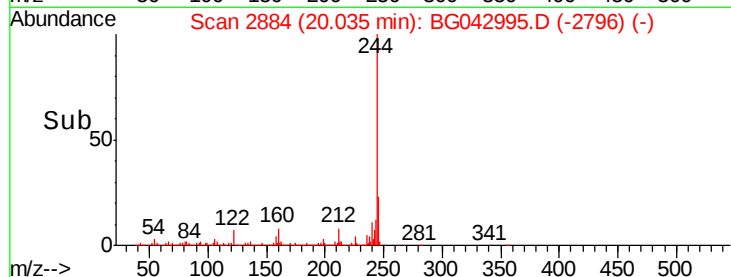
122 7.3 7.0 10.4



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# 3716

Delta R.T. -0.03 min

Lab File: BG042995.D

Acq: 2 Oct 2019 21:40

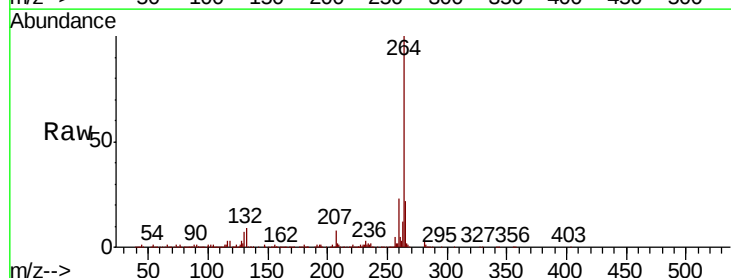
Tgt Ion:264 Resp: 540476

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 22.4 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

