

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043505.D
 Acq On : 5 Nov 2019 13:20
 Operator : JU
 Sample : PB124540TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124540TB

Quant Time: Nov 06 02:12:18 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

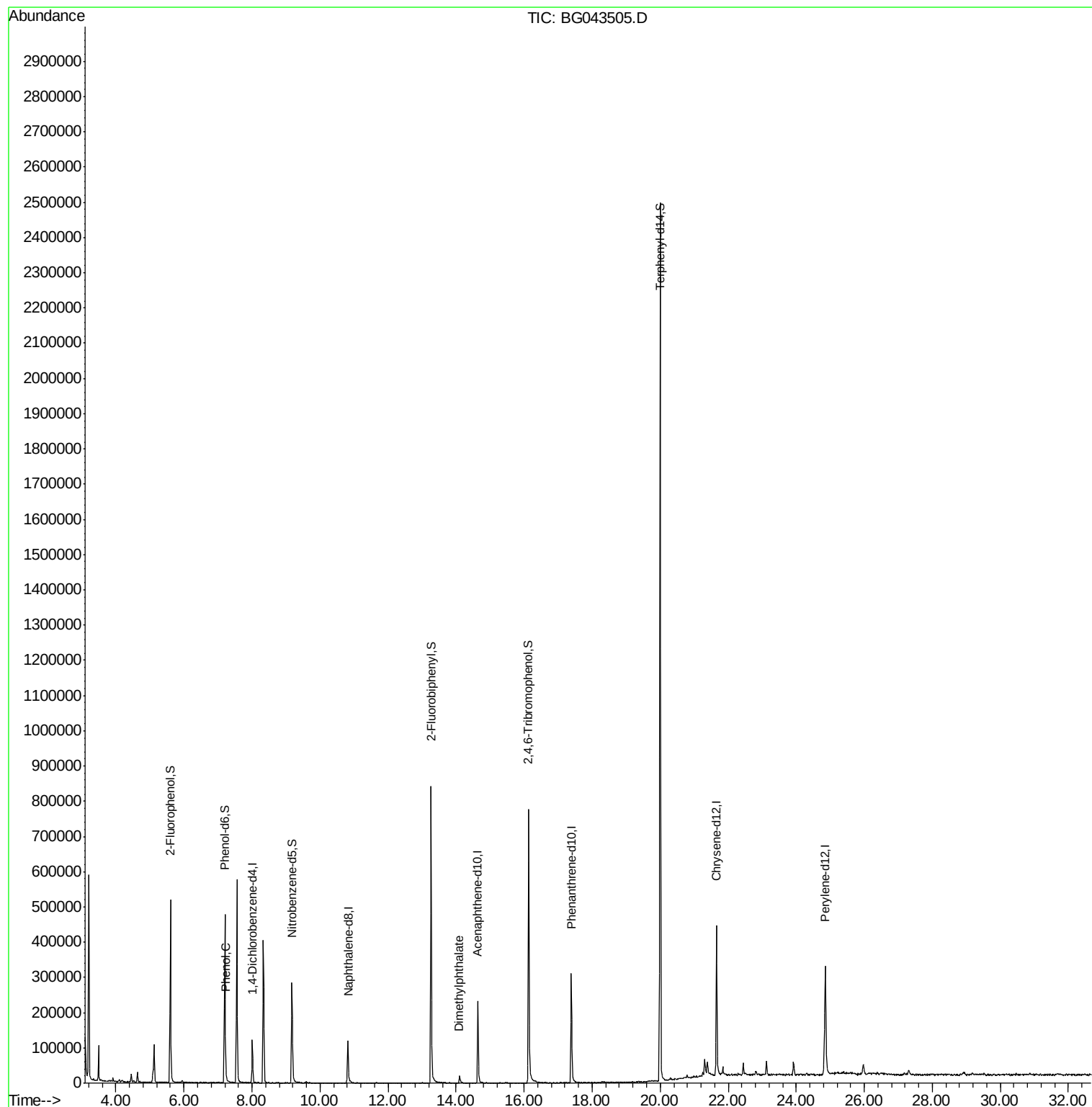
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	38792	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	133317	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	93133	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	244967	20.00	ng	0.00
76) Chrysene-d12	21.65	240	296090	20.00	ng	0.00
87) Perylene-d12	24.85	264	347269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	243656	115.10	ng	0.00
7) Phenol-d6	7.20	99	308432	101.26	ng	0.00
23) Nitrobenzene-d5	9.17	82	202670	78.37	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	216902	122.38	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	520822	77.27	ng	0.00
79) Terphenyl-d14	20.00	244	1350311	85.56	ng	0.00
Target Compounds						
10) Phenol	7.22	94	7812	2.807	ng	# 78
50) Dimethylphthalate	14.10	163	22447	3.112	ng	# 95

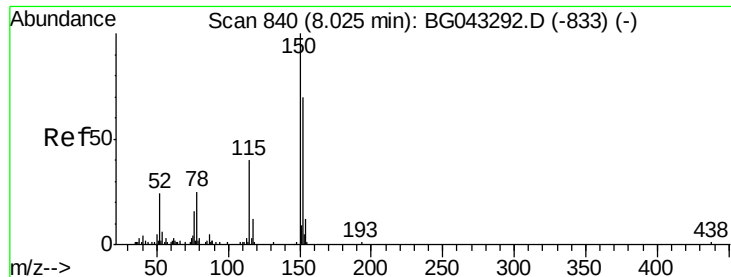
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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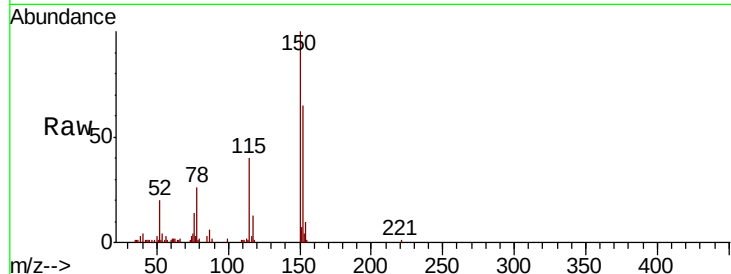


#1

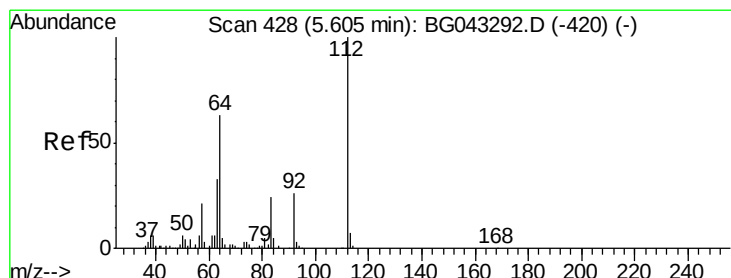
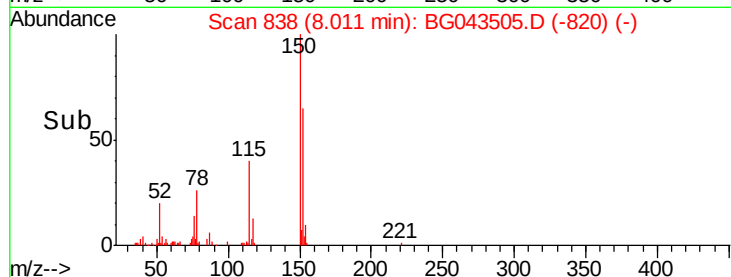
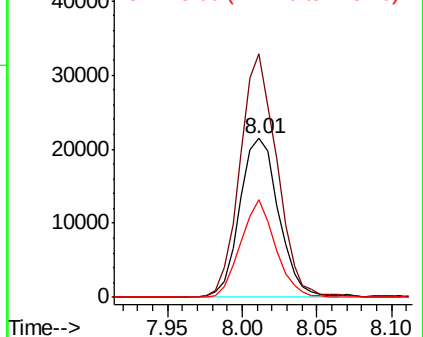
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043505.D
Acq: 5 Nov 2019 13:20

Instrument :
BNA_G
ClientSampleId :
PB124540TB

Tot Ion:152 Resp: 38792
Ion Ratio Lower Upper
152 100
150 153.3 129.4 194.0
115 61.4 48.8 73.2



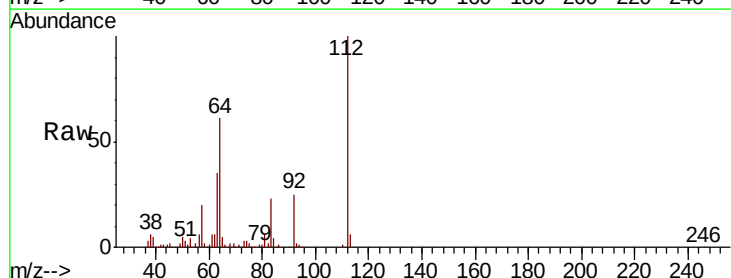
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



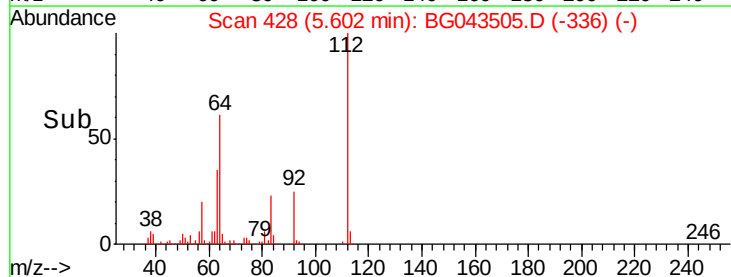
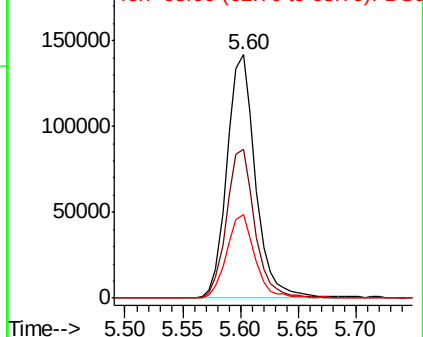
#5

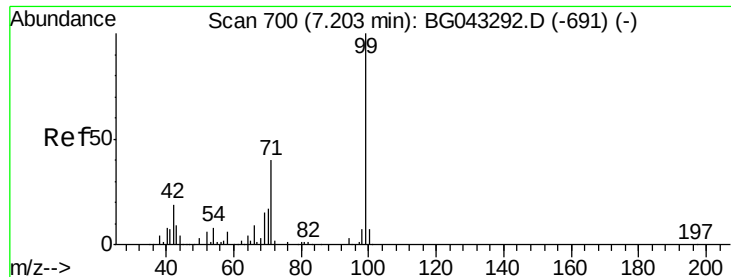
2-Fluorophenol
Concen: 115.098 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043505.D
Acq: 5 Nov 2019 13:20

Tgt Ion:112 Resp: 243656
Ion Ratio Lower Upper
112 100
64 61.3 50.0 75.0
63 34.5 26.6 40.0



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: 101.265 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043505.D

Acq: 5 Nov 2019 13:20

Instrument :

BNA_G

ClientSampleId :

PB124540TB

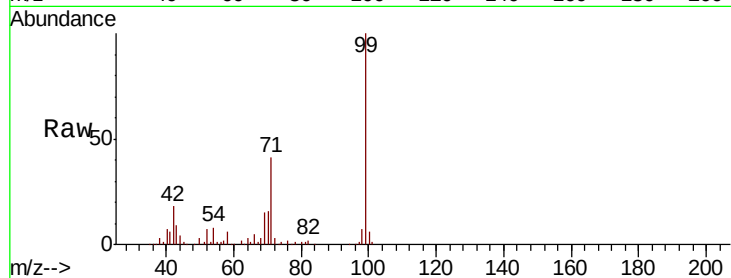
Tot Ion: 99 Resp: 308432

Ion Ratio Lower Upper

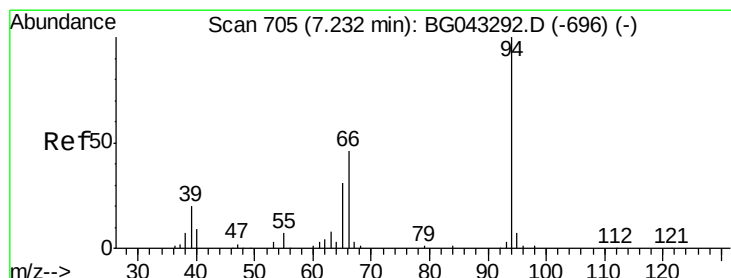
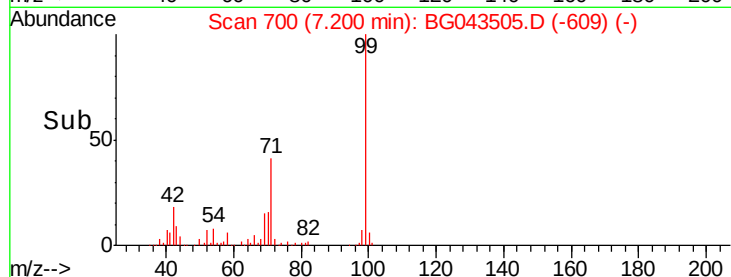
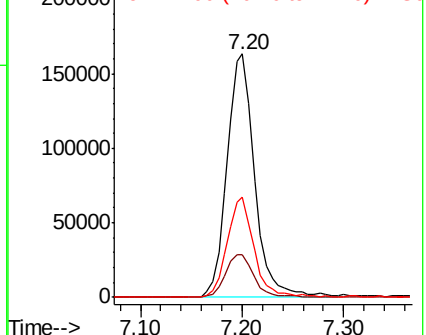
99 100

42 17.7 14.6 21.8

71 41.1 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: 2.807 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043505.D

Acq: 5 Nov 2019 13:20

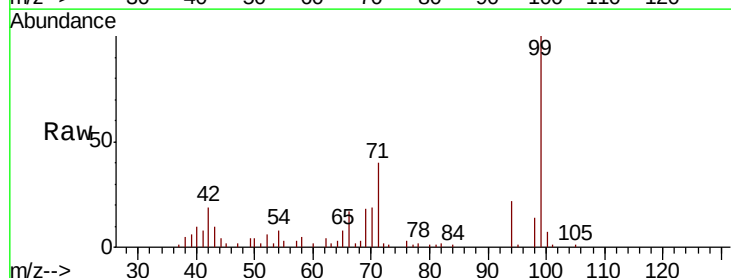
Tgt Ion: 94 Resp: 7812

Ion Ratio Lower Upper

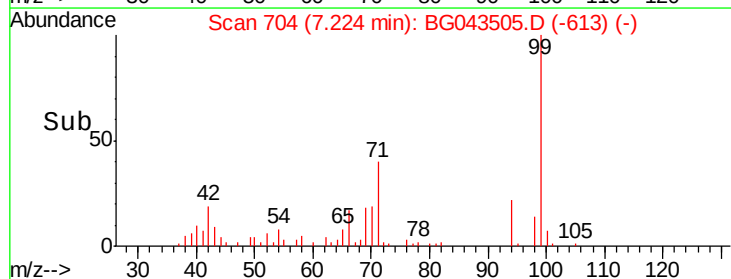
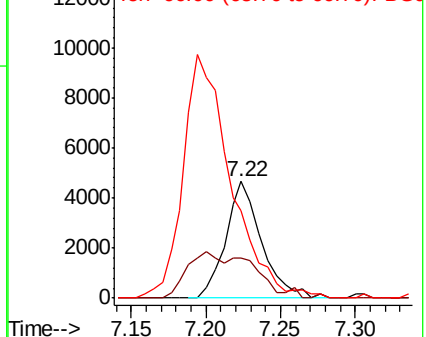
94 100

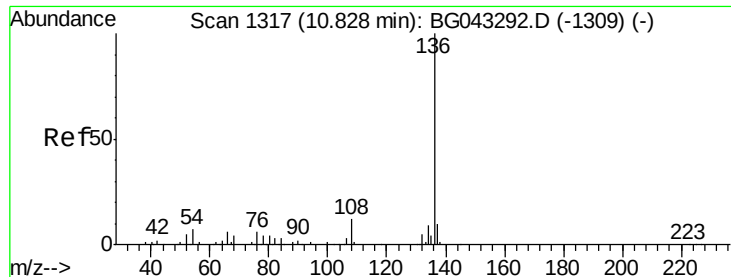
65 33.9 12.6 52.6

66 74.7 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

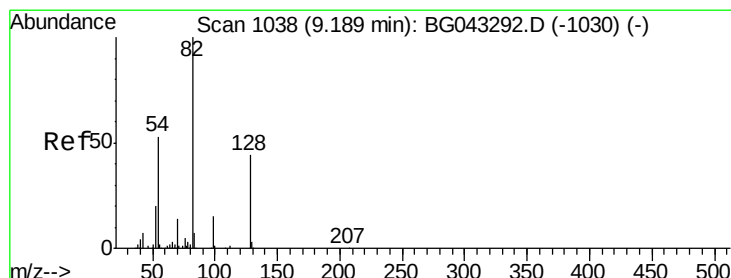
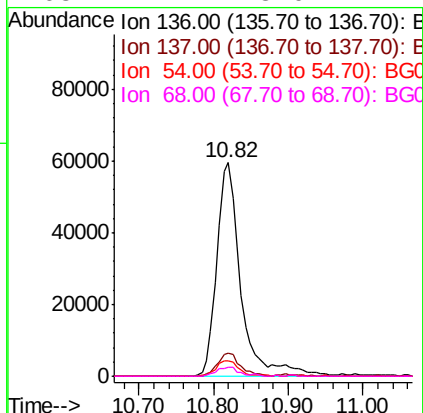
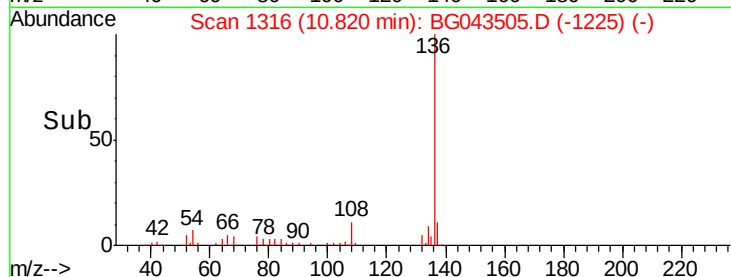
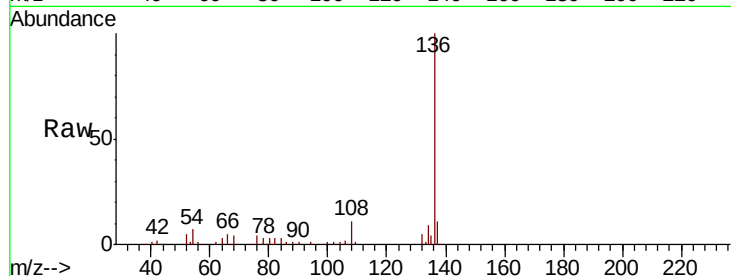




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG043505.D
Acq: 5 Nov 2019 13:20

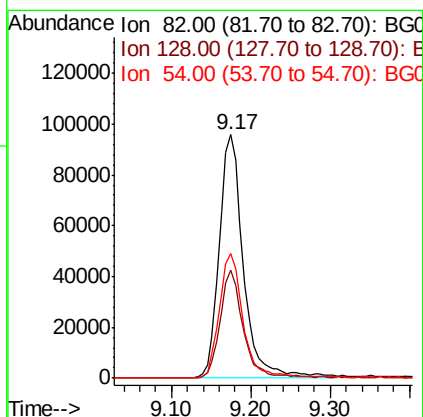
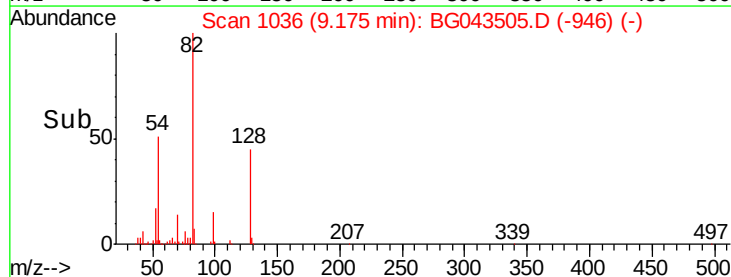
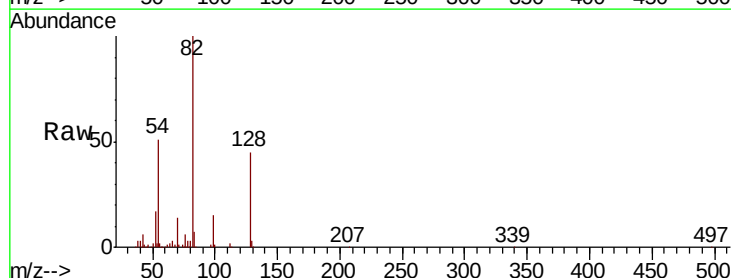
Instrument :
BNA_G
ClientSampleId :
PB124540TB

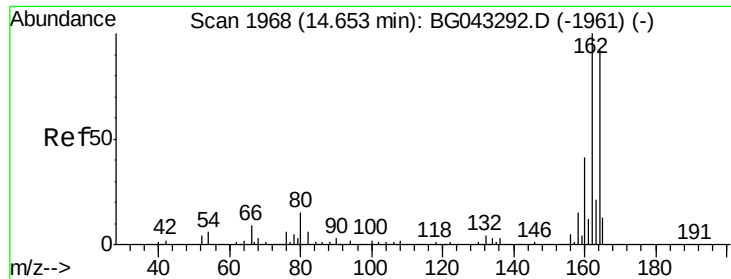
Tot Ion:136	Resp:	133317
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 7.2	5.4	8.2
68 4.2	3.0	4.4



#23
Nitrobenzene-d5
Concen: 78.374 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043505.D
Acq: 5 Nov 2019 13:20

Tgt Ion: 82	Resp: 202670
Ion Ratio	Lower Upper
82 100	
128 44.5	35.0 52.6
54 51.2	40.2 60.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043505.D

Acq: 5 Nov 2019 13:20

Instrument :

BNA_G

ClientSampleId :

PB124540TB

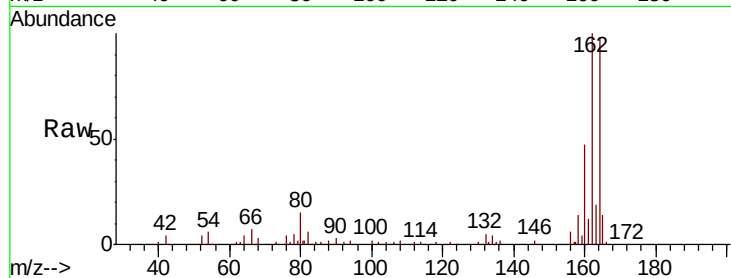
Tot Ion:164 Resp: 93133

Ion Ratio Lower Upper

164 100

162 102.3 83.5 125.3

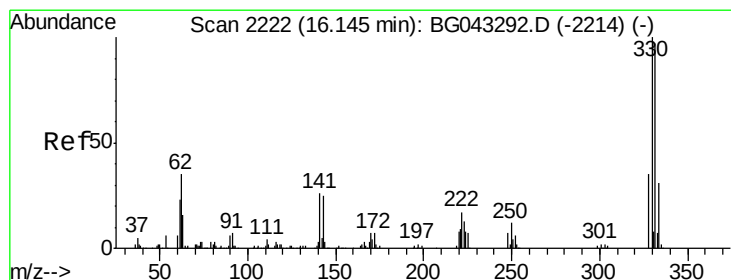
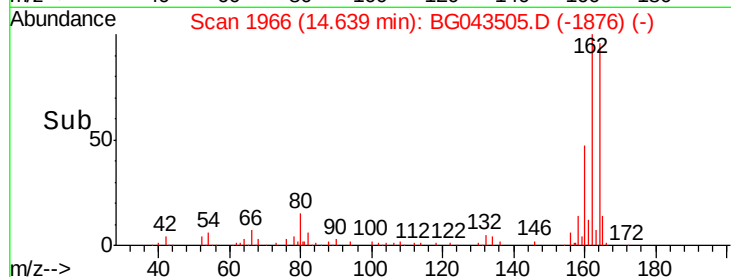
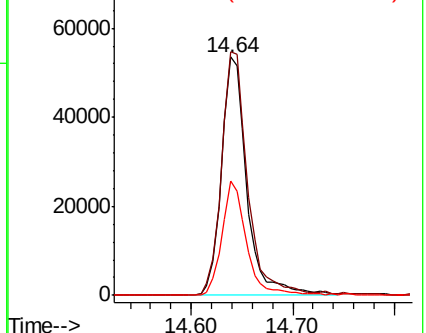
160 48.2 36.5 54.7



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: 122.383 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BG043505.D

Acq: 5 Nov 2019 13:20

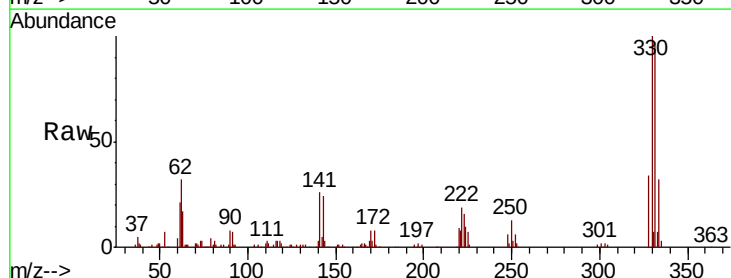
Tgt Ion:330 Resp: 216902

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

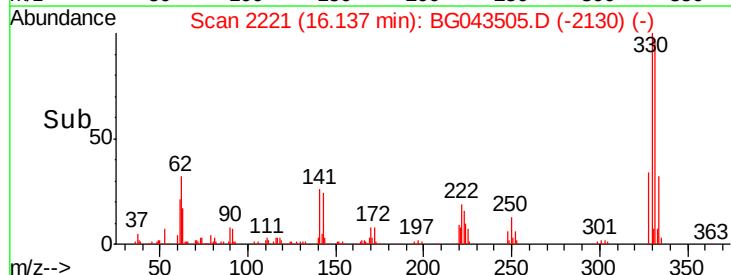
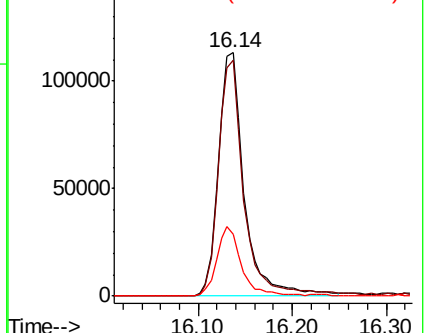
141 27.2 22.8 34.2

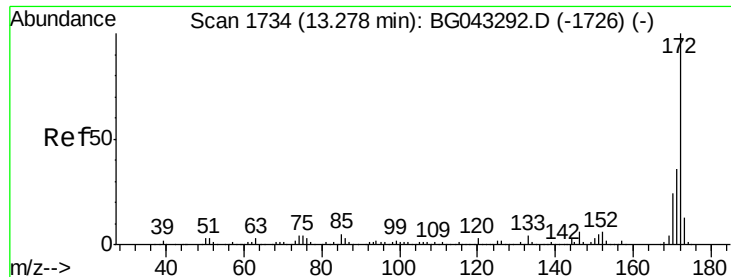


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

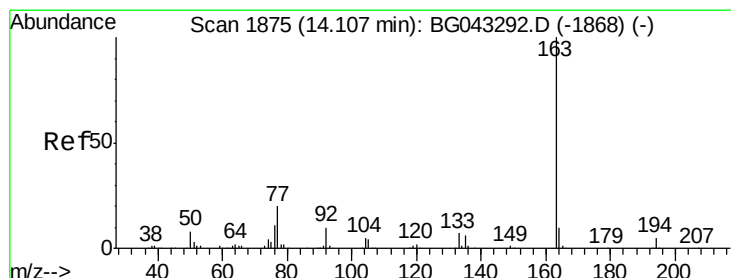
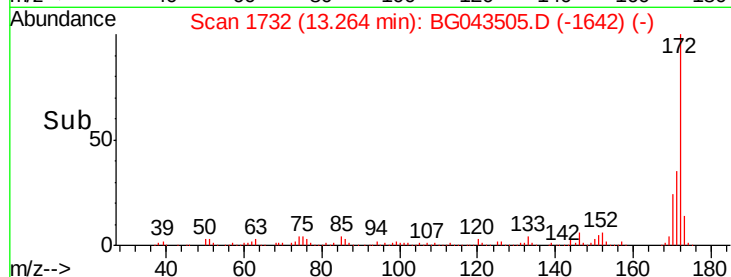
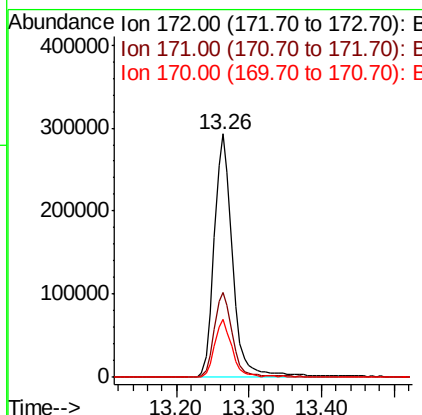
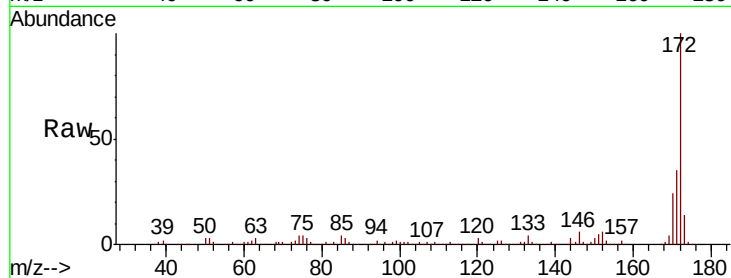




#45
2-Fluorobiphenyl
Concen: 77.274 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043505.D
Acq: 5 Nov 2019 13:20

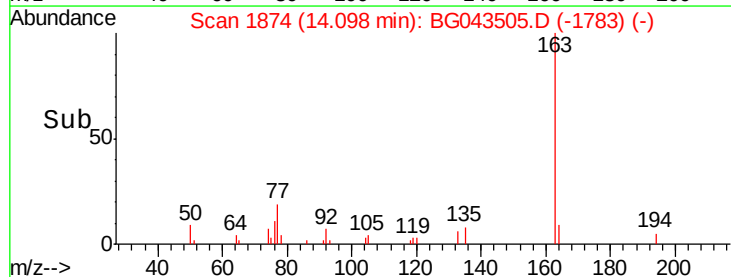
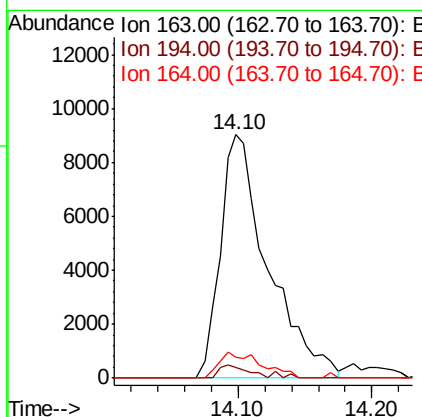
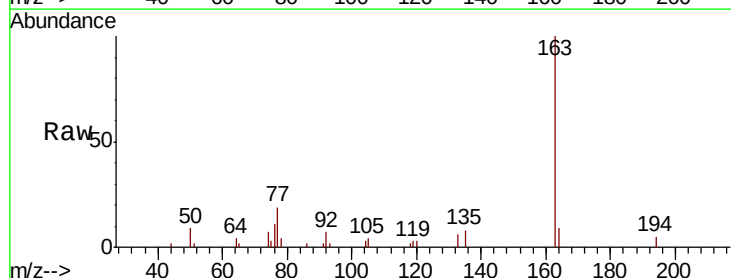
Instrument :
BNA_G
ClientSampleId :
PB124540TB

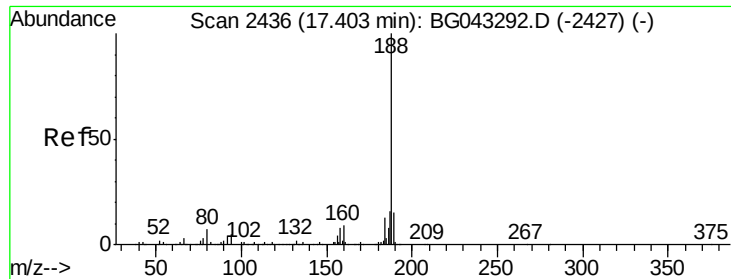
Tot Ion:172 Resp: 520822
Ion Ratio Lower Upper
172 100
171 35.0 28.9 43.3
170 23.8 18.5 27.7



#50
Dimethylphthalate
Concen: 3.112 ng
RT: 14.10 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BG043505.D
Acq: 5 Nov 2019 13:20

Tgt Ion:163 Resp: 22447
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 8.6 8.9 13.3#

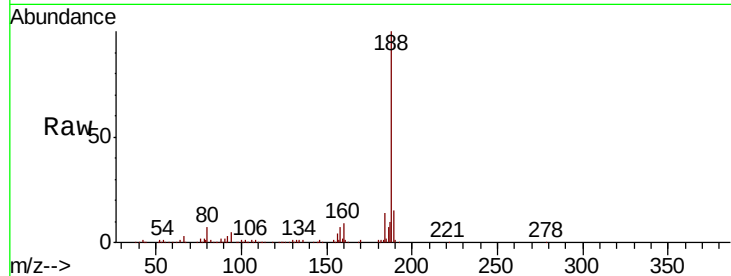




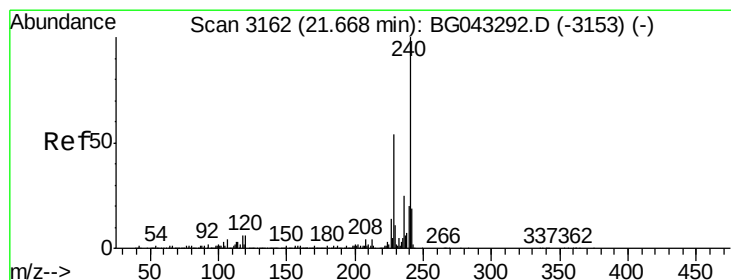
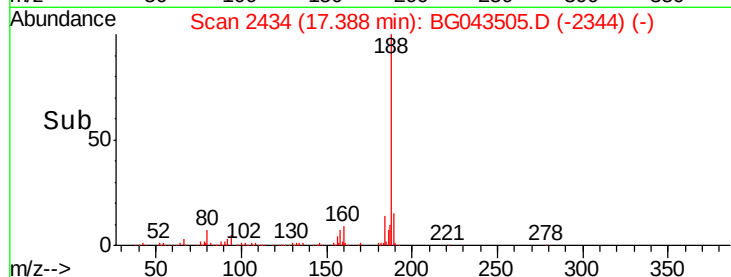
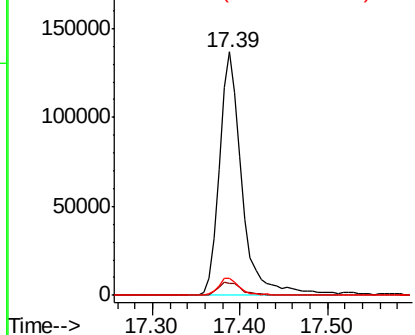
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043505.D
Acq: 5 Nov 2019 13:20

Instrument :
BNA_G
ClientSampleId :
PB124540TB

Tot Ion:188 Resp: 244967
Ion Ratio Lower Upper
188 100
94 5.0 4.2 6.4
80 6.9 4.5 6.7#

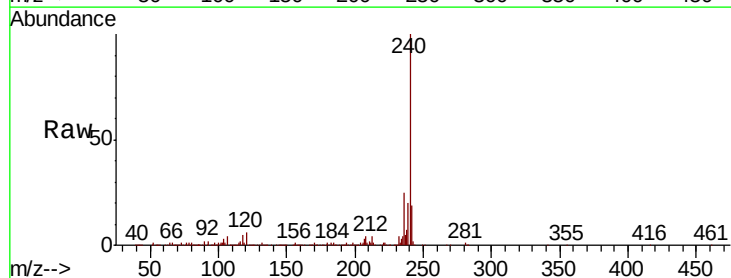


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

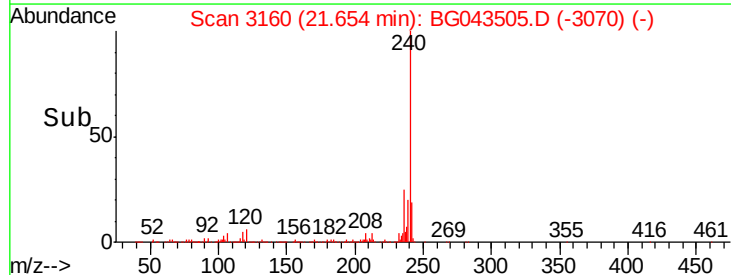
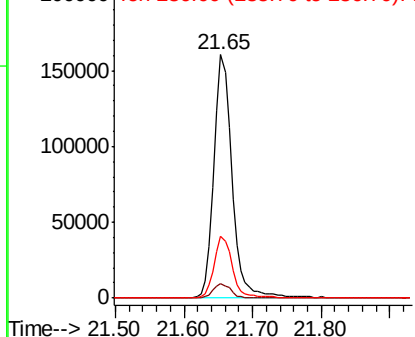


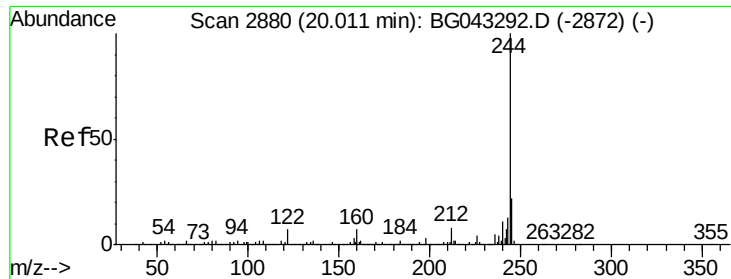
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043505.D
Acq: 5 Nov 2019 13:20

Tgt Ion:240 Resp: 296090
Ion Ratio Lower Upper
240 100
120 5.9 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: 85.557 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043505.D

Acq: 5 Nov 2019 13:20

Instrument :

BNA_G

ClientSampleId :

PB124540TB

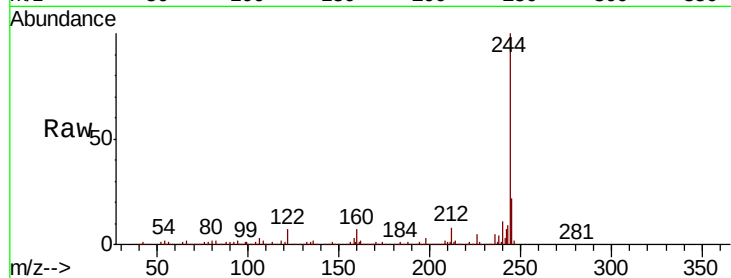
Tot Ion:244 Resp: 1350311

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	7.2	5.4	8.2

244 100

212 7.5 5.8 8.6

122 7.2 5.4 8.2

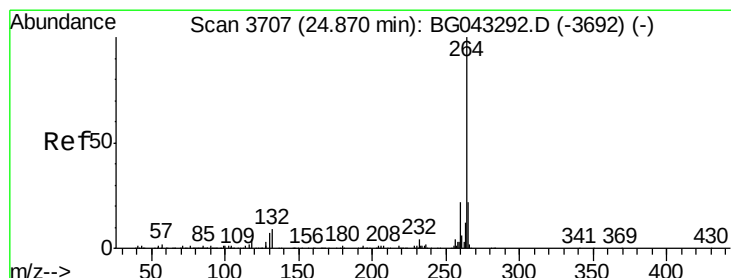
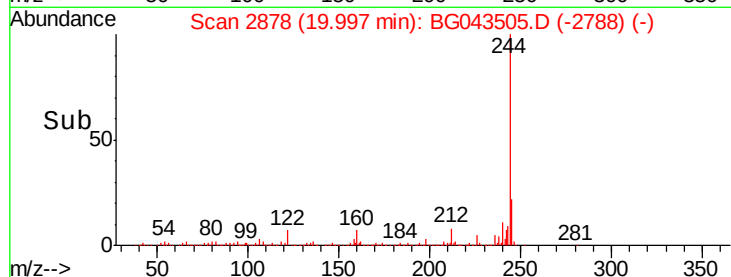
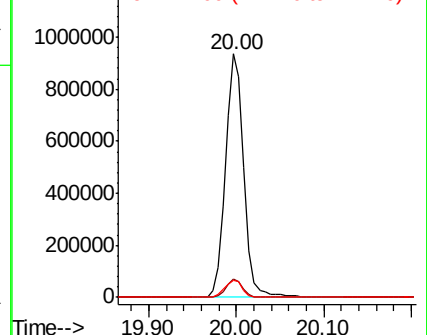


Abundance

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: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043505.D

Acq: 5 Nov 2019 13:20

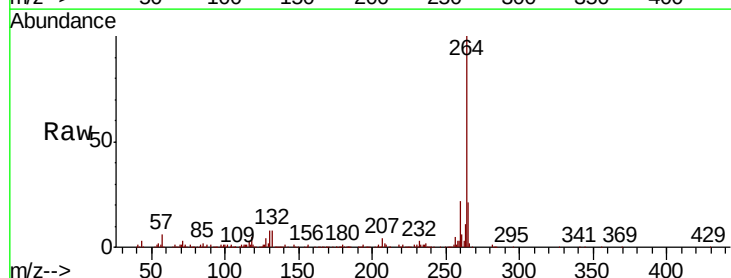
Tgt Ion:264 Resp: 347269

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.5	26.3
265	21.0	17.4	26.0

264 100

260 22.4 17.5 26.3

265 21.0 17.4 26.0



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

