

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052445.D
 Acq On : 21 Feb 2022 20:02
 Operator : CG/JU
 Sample : N1589-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 350

Quant Time: Feb 22 00:55:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

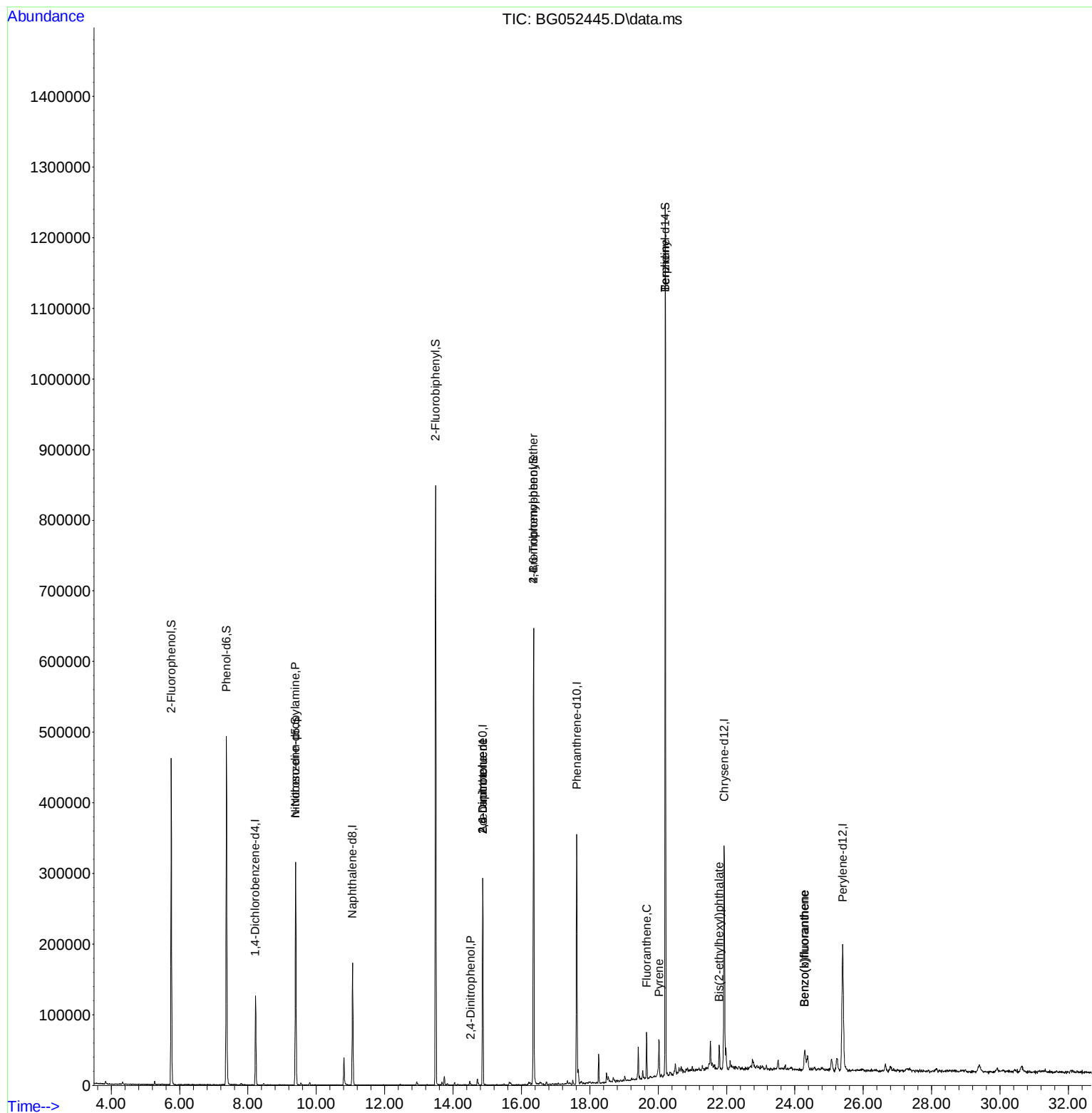
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	37232	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	151101	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	104434	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	225196	20.000	ng	0.00
76) Chrysene-d12	21.930	240	203641	20.000	ng	-0.01
86) Perylene-d12	25.401	264	210763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	206941	96.871	ng	0.00
7) Phenol-d6	7.373	99	292491	88.738	ng	0.00
23) Nitrobenzene-d5	9.394	82	202420	58.222	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	133531	88.999	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	450470	59.937	ng	0.00
79) Terphenyl-d14	20.209	244	629567	54.593	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.373	77	418	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.394	70	27580	11.099 ng	#	75
51) 2,6-Dinitrotoluene	14.869	165	14347	8.310 ng	#	16
54) 2,4-Dinitrophenol	14.510	184	59	4.954 ng	#	17
57) 2,4-Dinitrotoluene	14.869	165	14347	5.839 ng	#	15
67) 4-Bromophenyl-phenylether	16.355	248	8451	3.086 ng	#	1
75) Fluoranthene	19.662	202	41389	2.800 ng		99
77) Benzidine	20.209	184	8978	2.063 ng	#	93
78) Pyrene	20.026	202	34432	2.527 ng		100
84) Bis(2-ethylhexyl)phtha...	21.789	149	15307	2.332 ng	#	96
88) Benzo(b)fluoranthene	24.285	252	36411	2.772 ng	#	95
89) Benzo(k)fluoranthene	24.285	252	36411	2.806 ng	#	93

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

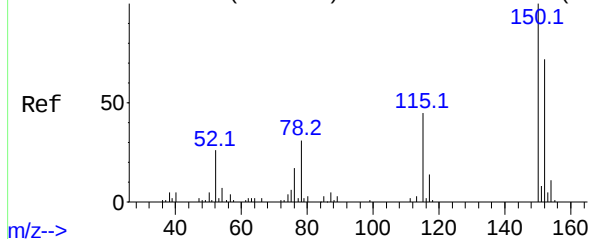
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052445.D
Acq On : 21 Feb 2022 20:02
Operator : CG/JU
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration



Abundance Scan 806 (8.223 min): BG052305.D\data.ms (-799) #1



1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.219 min Scan# 8

Delta R.T. -0.004 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Instrument :

BNA_G

ClientSampleId :

350

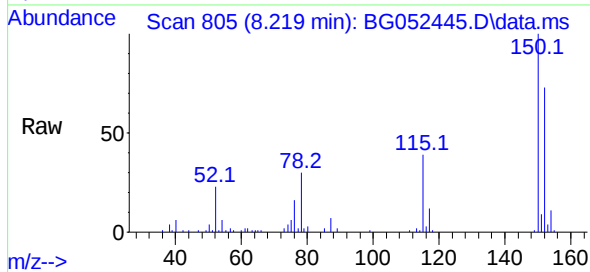
Tgt Ion:152 Resp: 37232

Ion Ratio Lower Upper

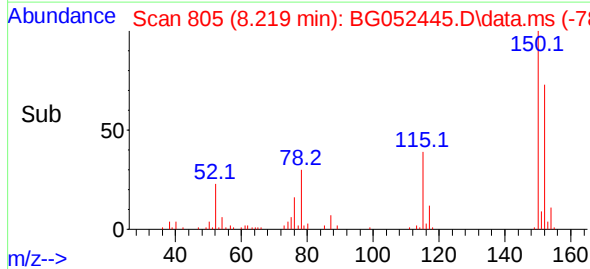
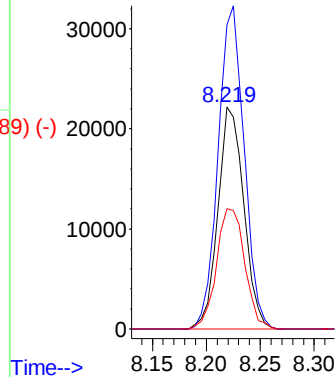
152 100

150 136.9 117.8 176.8

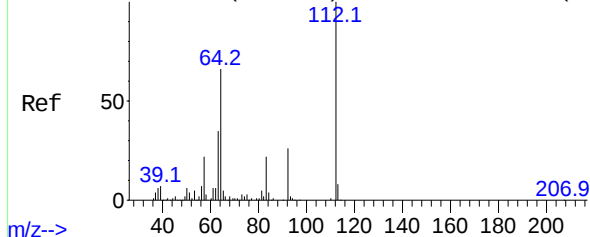
115 54.0 50.2 75.2



Abundance



Abundance Scan 385 (5.750 min): BG052305.D\data.ms (-377) #5



2-Fluorophenol

Concen: 96.871 ng

RT: 5.757 min Scan# 386

Delta R.T. 0.007 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

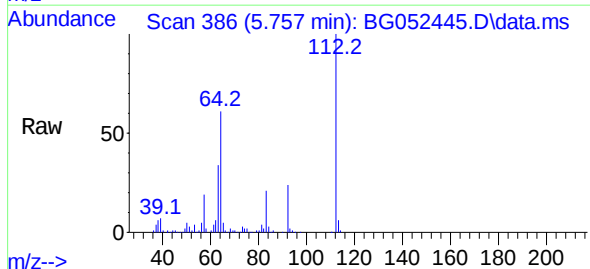
Tgt Ion:112 Resp: 206941

Ion Ratio Lower Upper

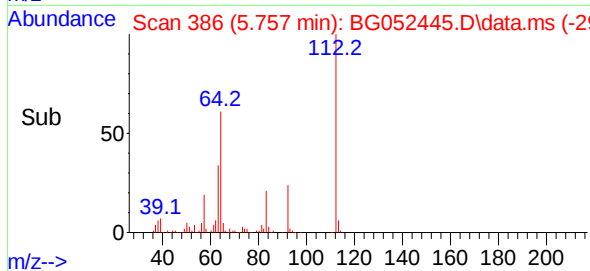
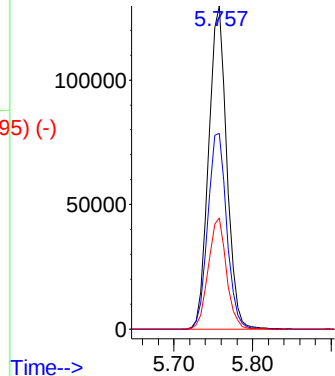
112 100

64 60.6 60.4 90.6

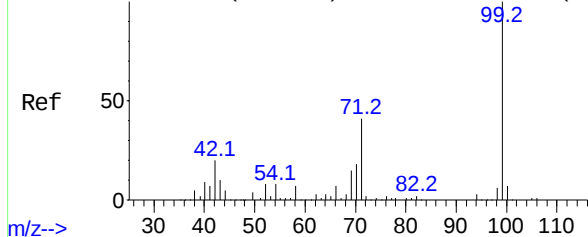
63 34.5 33.3 49.9



Abundance



Abundance Scan 661 (7.372 min): BG052305.D\data.ms (-652)#7



Phenol-d6

Concen: 88.738 ng

RT: 7.373 min Scan#

Delta R.T. 0.001 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Instrument :

BNA_G

ClientSampleId :

350

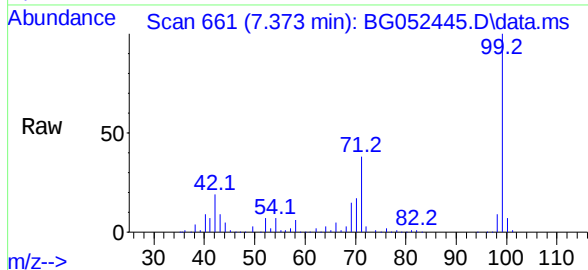
Tgt Ion: 99 Resp: 292491

Ion Ratio Lower Upper

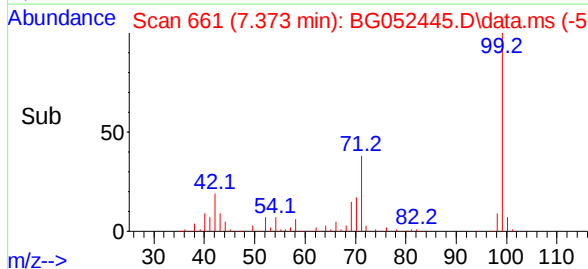
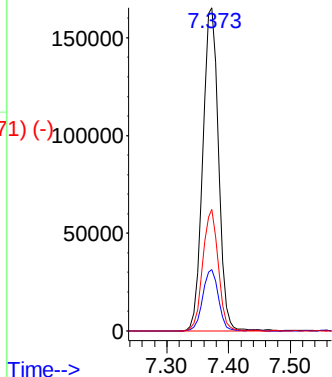
99 100

42 18.9 19.1 28.7#

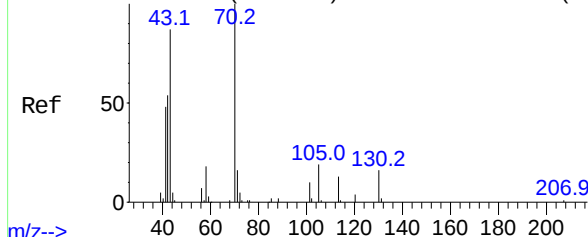
71 37.6 33.4 50.2



Abundance



Abundance Scan 943 (9.028 min): BG052305.D\data.ms (-936)#19



n-Nitroso-di-n-propylamine

Concen: 11.099 ng

RT: 9.394 min Scan# 1005

Delta R.T. 0.366 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Tgt Ion: 70 Resp: 27580

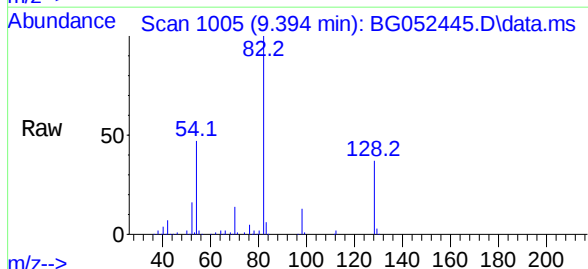
Ion Ratio Lower Upper

70 100

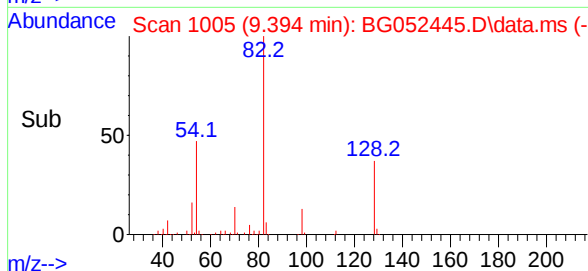
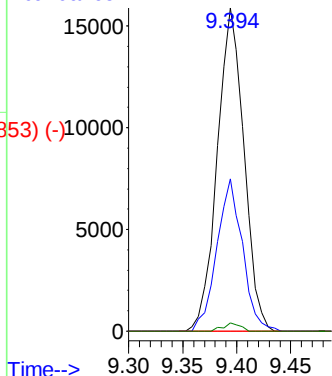
42 47.1 51.8 77.6#

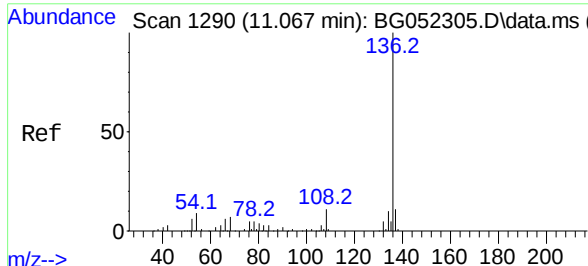
101 0.0 6.6 10.0#

130 2.5 14.7 22.1#



Abundance

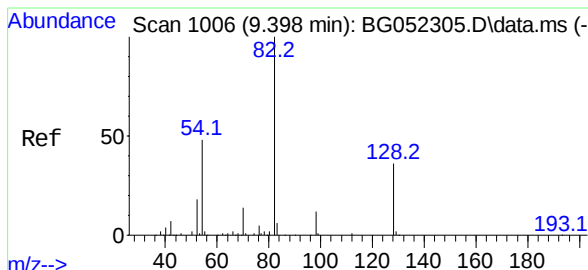
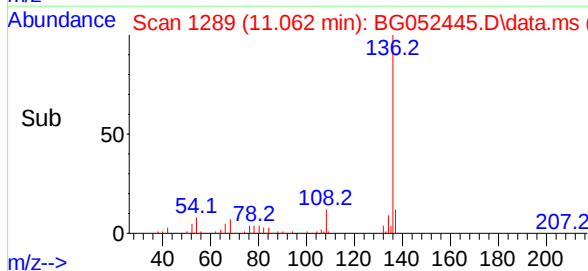
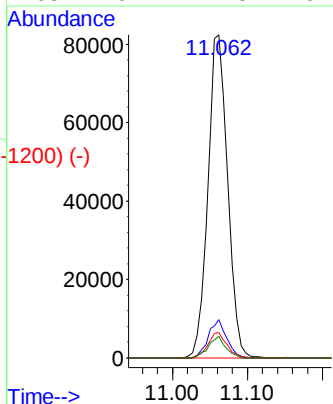
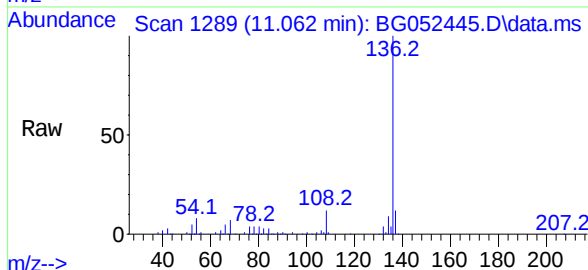




Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1289
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

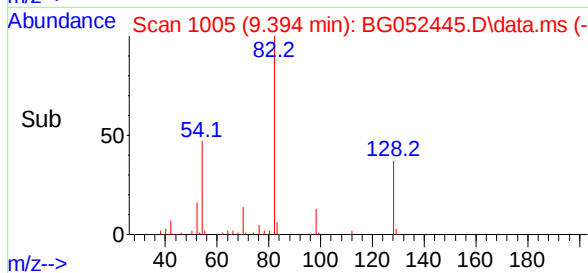
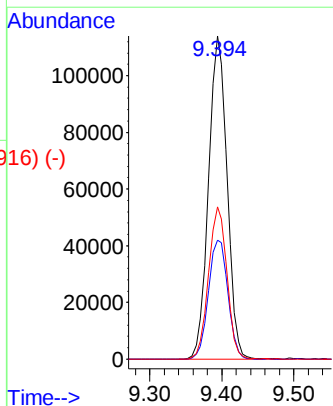
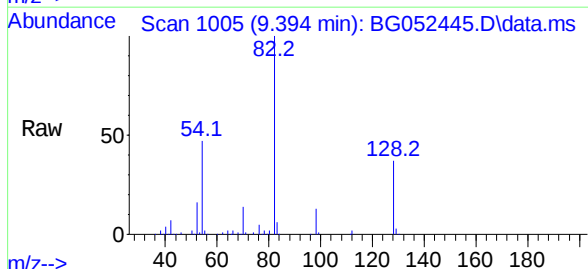
Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:	136	Resp:	151101
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.9	8.3	12.5#
68	6.7	4.5	6.7



Nitrobenzene-d5
Concen: 58.222 ng
RT: 9.394 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion:	82	Resp:	202420
Ion	Ratio	Lower	Upper
82	100		
128	36.8	27.0	40.4
54	47.1	41.0	61.6



Abundance Scan 1938 (14.873 min): BG052305.D\data.ms (-1938) (-)

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.869 min Scan# 1937

Delta R.T. -0.004 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Instrument :

BNL_G

ClientSampleId :

350

Tgt Ion:164 Resp: 104434

Ion Ratio Lower Upper

164 100

162 104.3 82.2 123.2

160 46.1 36.2 54.2

m/z-->

Abundance Scan 1937 (14.869 min): BG052445.D\data.ms

Raw

m/z-->

Abundance Scan 1937 (14.869 min): BG052445.D\data.ms (-1848) (-)

Sub

m/z-->

Abundance

14.869

60000

40000

20000

0

Time-->

Abundance Scan 2191 (16.359 min): BG052305.D\data.ms (-2191) (-)

2,4,6-Tribromophenol

Concen: 88.999 ng

RT: 16.355 min Scan# 2190

Delta R.T. -0.004 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Tgt Ion:330 Resp: 133531

Ion Ratio Lower Upper

330 100

332 97.0 78.6 117.8

141 32.2 28.8 43.2

m/z-->

Abundance Scan 2190 (16.355 min): BG052445.D\data.ms

Raw

m/z-->

Abundance Scan 2190 (16.355 min): BG052445.D\data.ms (-2100) (-)

Sub

m/z-->

Abundance

16.355

80000

60000

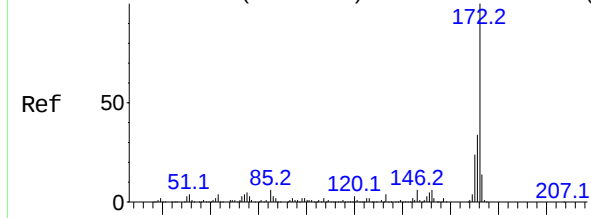
40000

20000

0

Time-->

Abundance Scan 1703 (13.493 min): BG052305.D\data.ms (-1695) (-)

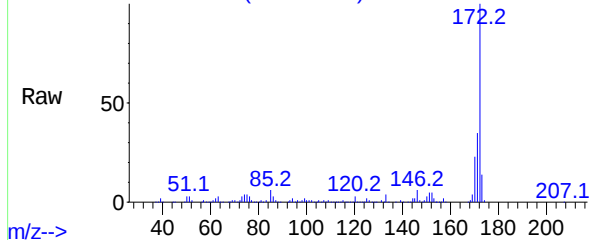


2-Fluorobiphenyl
Concen: 59.937 ng
RT: 13.488 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

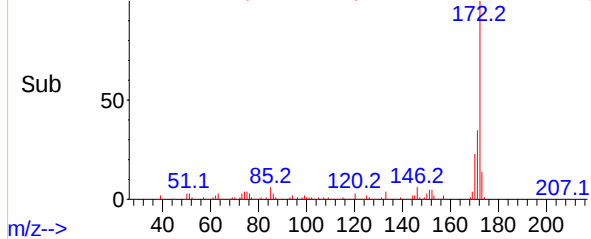
m/z-->

Abundance Scan 1702 (13.488 min): BG052445.D\data.ms

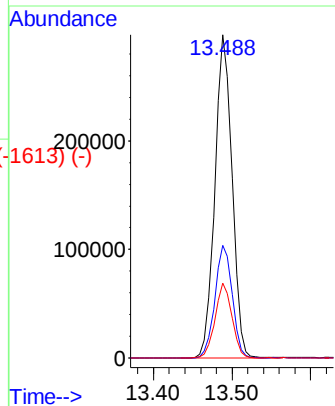


m/z-->

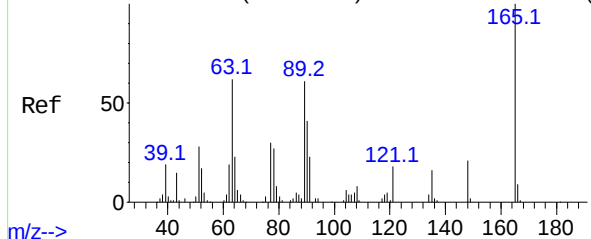
Abundance Scan 1702 (13.488 min): BG052445.D\data.ms (-1613) (-)



m/z-->



Abundance Scan 1863 (14.433 min): BG052305.D\data.ms (-1650) (-)

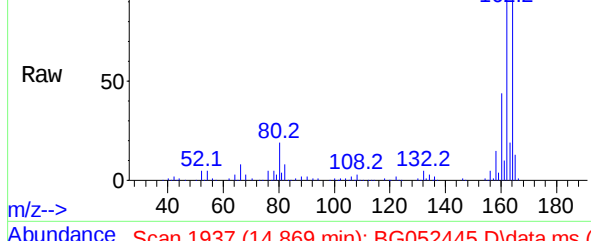


2,6-Dinitrotoluene
Concen: 8.310 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.436 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion:165 Resp: 14347
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#

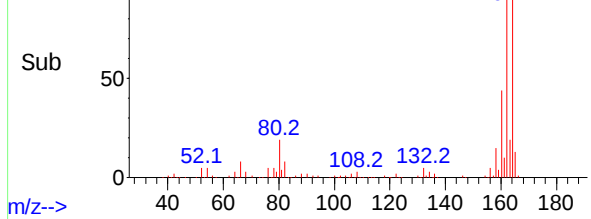
m/z-->

Abundance Scan 1937 (14.869 min): BG052445.D\data.ms

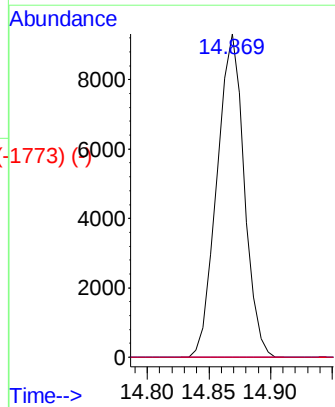


m/z-->

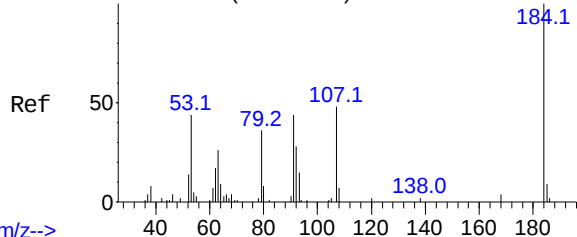
Abundance Scan 1937 (14.869 min): BG052445.D\data.ms (-1773) (-)



m/z-->



Abundance Scan 1955 (14.973 min): BG052305.D\data.ms (-1955) (-)



2,4-Dinitrophenol

Concen: 4.954 ng

RT: 14.510 min Scan# 1954

Delta R.T. -0.463 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Instrument :

BNA_G

ClientSampleId :

350

Tgt Ion:184 Resp: 59

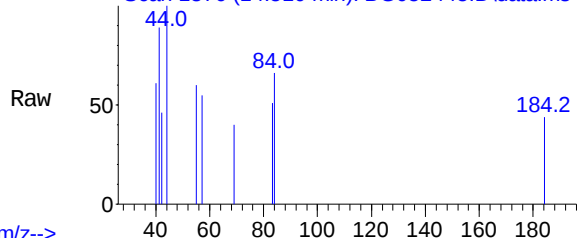
Ion Ratio Lower Upper

184 100

63 0.0 56.0 84.0#

154 0.0 50.2 75.2#

m/z--> Abundance Scan 1876 (14.510 min): BG052445.D\data.ms



Abundance

14.510

150

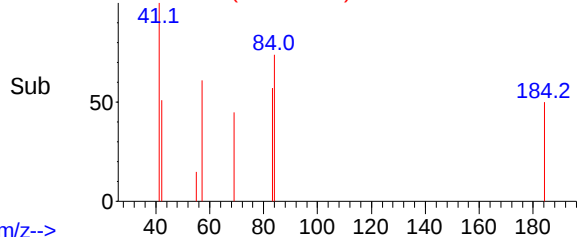
100

50

0

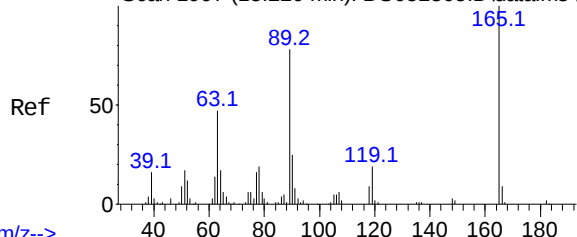
Time-->

Abundance Scan 1876 (14.510 min): BG052445.D\data.ms (-1865) (-)



m/z-->

Abundance Scan 1997 (15.220 min): BG052305.D\data.ms (-1957) (-)



2,4-Dinitrotoluene

Concen: 5.839 ng

RT: 14.869 min Scan# 1937

Delta R.T. -0.351 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Tgt Ion:165 Resp: 14347

Ion Ratio Lower Upper

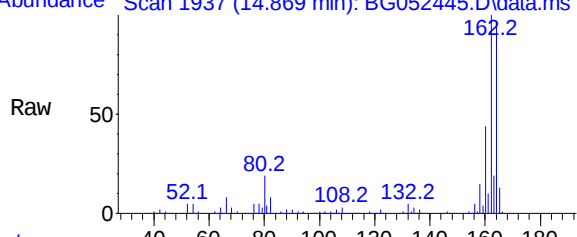
165 100

63 0.0 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#

m/z--> Abundance Scan 1937 (14.869 min): BG052445.D\data.ms



Abundance

14.869

8000

6000

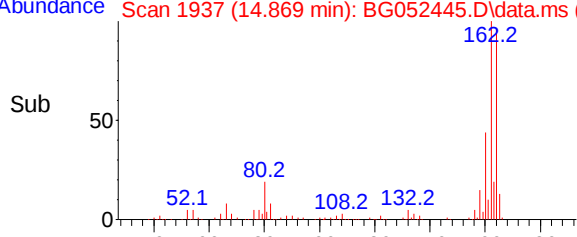
4000

2000

0

Time-->

Abundance Scan 1937 (14.869 min): BG052445.D\data.ms (-1907) (-)



m/z-->

Abundance Scan 2406 (17.622 min): BG052305.D\data.ms (-2356) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2190

Delta R.T. -0.005 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Instrument :

BNA_G

ClientSampleId :

350

Tgt Ion:188 Resp: 225196

Ion Ratio Lower Upper

188 100

94 7.7 5.9 8.9

80 8.7 6.6 10.0

m/z-->

Abundance Scan 2405 (17.618 min): BG052445.D\data.ms

Raw

m/z-->

Abundance Scan 2405 (17.618 min): BG052445.D\data.ms (-2316) (-)

Sub

m/z-->

Abundance

150000

100000

50000

0

17.60 17.70

Time-->

Abundance Scan 2266 (16.800 min): BG052305.D\data.ms (-2357) (-)

4-Bromophenyl-phenylether

Concen: 3.086 ng

RT: 16.355 min Scan# 2190

Delta R.T. -0.445 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Tgt Ion:248 Resp: 8451

Ion Ratio Lower Upper

248 100

250 198.9 79.6 119.4#

141 488.9 54.6 81.8#

m/z-->

Abundance Scan 2190 (16.355 min): BG052445.D\data.ms

Raw

m/z-->

Abundance Scan 2190 (16.355 min): BG052445.D\data.ms (-2176) (-)

Sub

m/z-->

Abundance

25000

20000

15000

10000

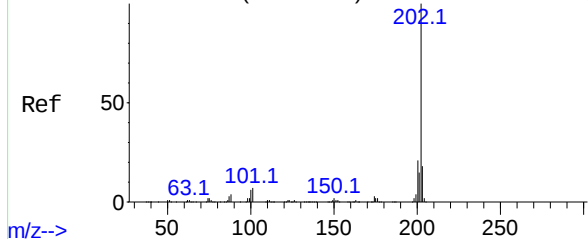
5000

0

16.30 16.35 16.40

Time-->

Abundance Scan 2754 (19.667 min): BG052305.D\data.ms (-275) (-)



Fluoranthene

Concen: 2.800 ng

RT: 19.662 min Scan# 275

Delta R.T. -0.005 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Instrument :

BNA_G

ClientSampleId :

350

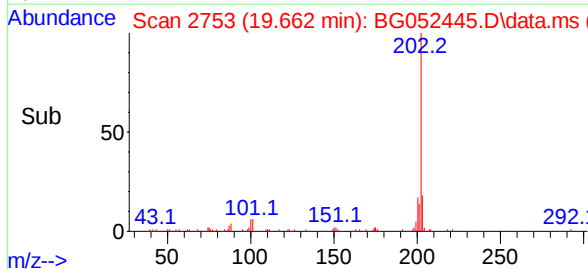
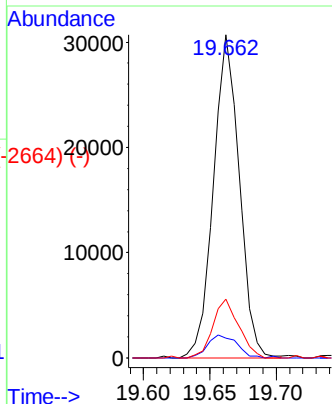
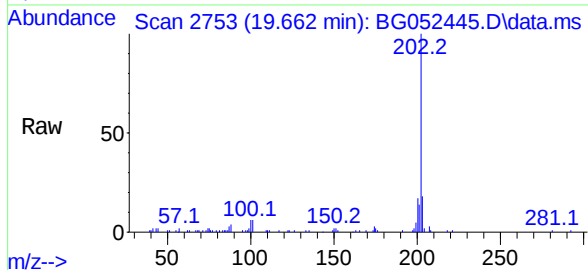
Tgt Ion:202 Resp: 41389

Ion Ratio Lower Upper

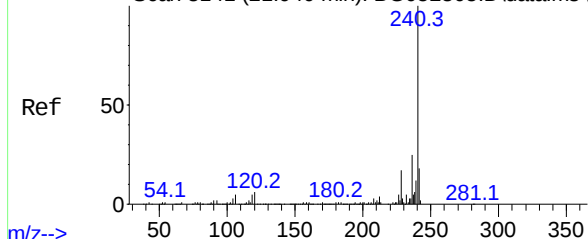
202 100

101 6.1 0.0 27.1

203 18.2 0.0 37.8



Abundance Scan 3141 (21.940 min): BG052305.D\data.ms (-317) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.930 min Scan# 3139

Delta R.T. -0.010 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

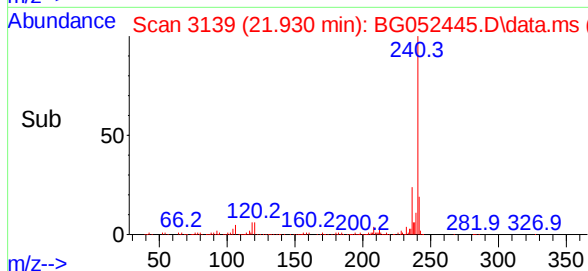
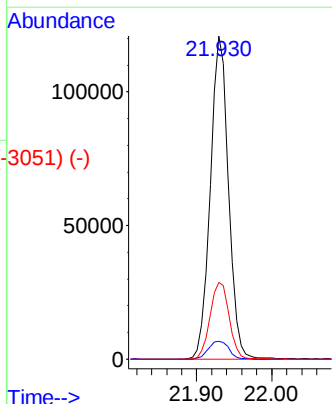
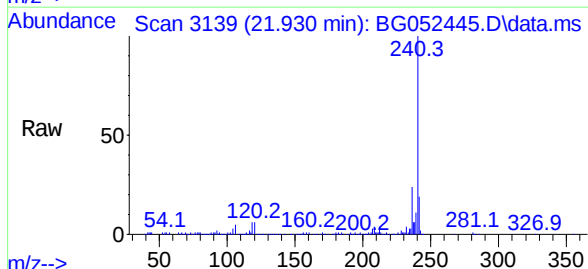
Tgt Ion:240 Resp: 203641

Ion Ratio Lower Upper

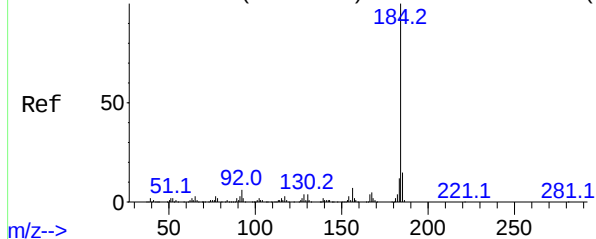
240 100

120 5.5 4.4 6.6

236 23.8 20.8 31.2



Abundance Scan 2782 (19.831 min): BG052305.D\data.ms (-2775) (-)



Benzidine

Concen: 2.063 ng

RT: 20.209 min Scan# 2846

Delta R.T. 0.377 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Instrument :

BNA_G

ClientSampleId :

350

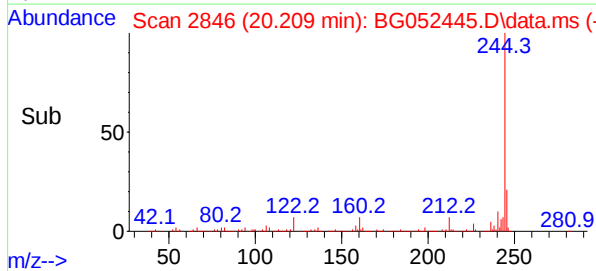
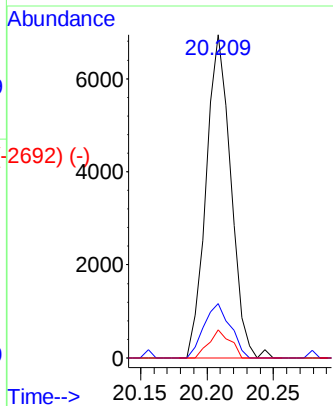
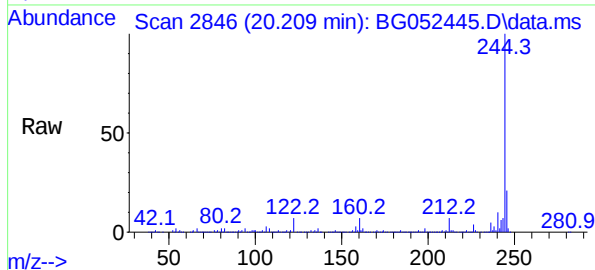
Tgt Ion:184 Resp: 8978

Ion Ratio Lower Upper

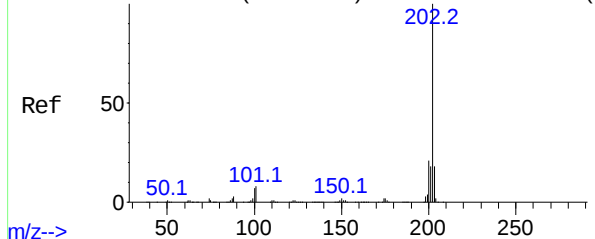
184 100

185 16.9 11.8 17.8

183 8.6 9.8 14.6#



Abundance Scan 2816 (20.031 min): BG052305.D\data.ms (-2676) (-)



Pyrene

Concen: 2.527 ng

RT: 20.026 min Scan# 2815

Delta R.T. -0.005 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

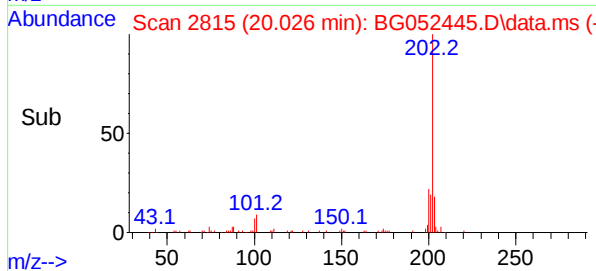
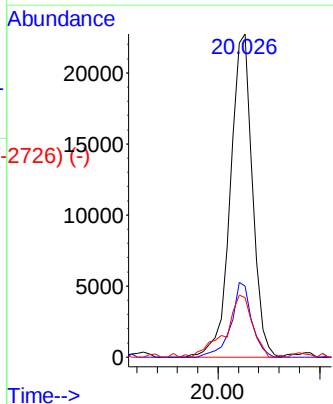
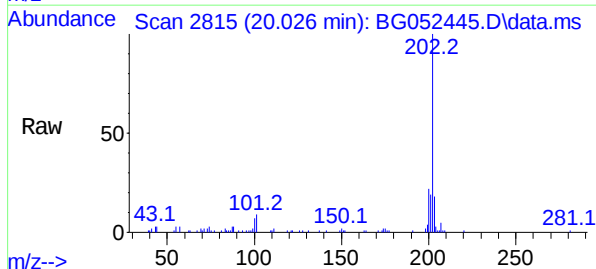
Tgt Ion:202 Resp: 34432

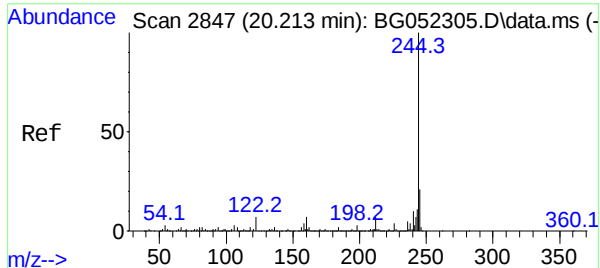
Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

203 18.4 14.5 21.7





Terphenyl-d14

Concen: 54.593 ng

RT: 20.209 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Instrument :

BNA_G

ClientSampleId :

350

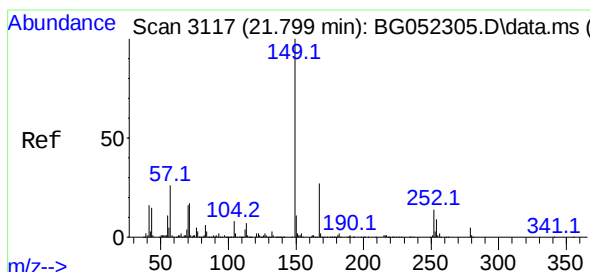
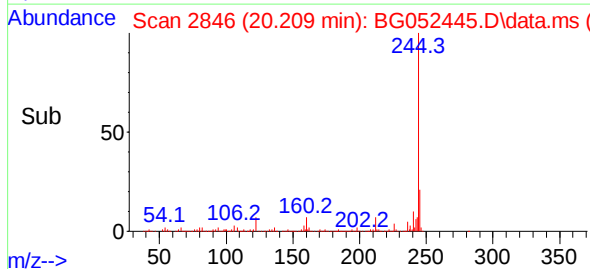
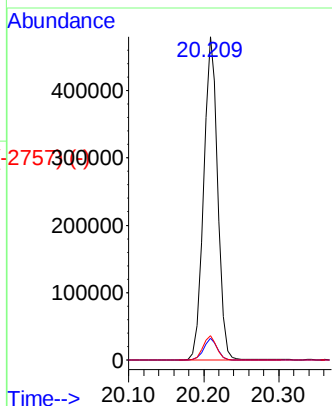
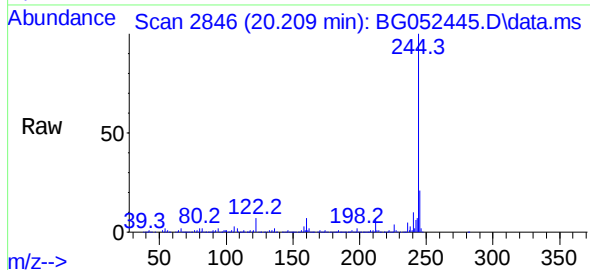
Tgt Ion:244 Resp: 629567

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 7.5 6.2 9.4



Bis(2-ethylhexyl)phthalate

Concen: 2.332 ng

RT: 21.789 min Scan# 3115

Delta R.T. -0.010 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

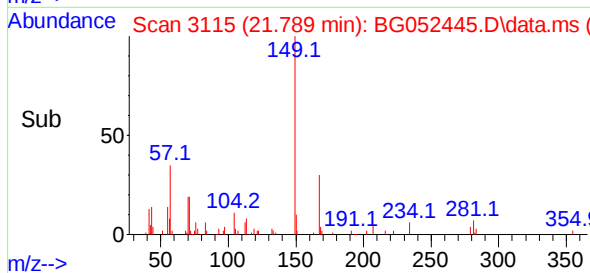
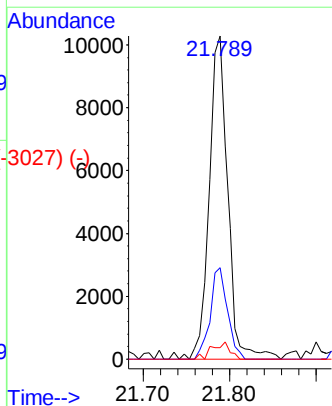
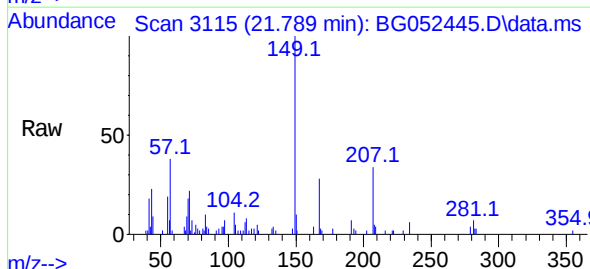
Tgt Ion:149 Resp: 15307

Ion Ratio Lower Upper

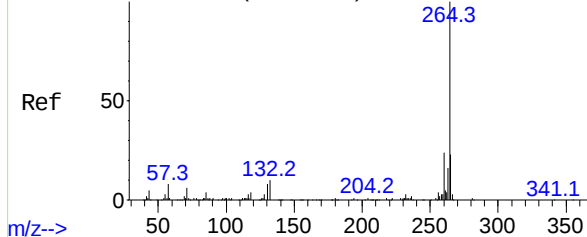
149 100

167 28.4 21.4 32.0

279 3.6 4.2 6.2#



Abundance Scan 3731 (25.406 min): BG052305.D\data.ms (-3731) (-)



Perylene-d12

Concen: 20.000 ng

RT: 25.401 min Scan# 350

Delta R.T. -0.005 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

Instrument :

BNA_G

ClientSampleId :

350

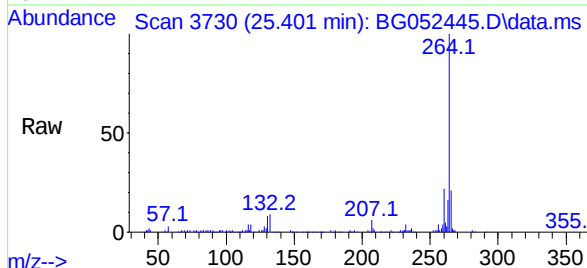
Tgt Ion:264 Resp: 210763

Ion Ratio Lower Upper

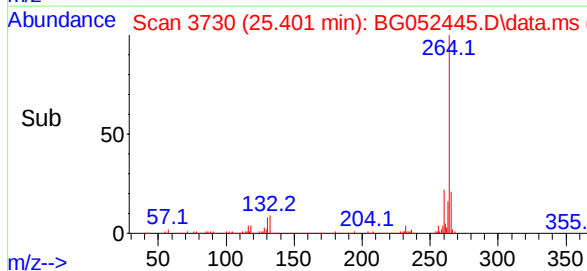
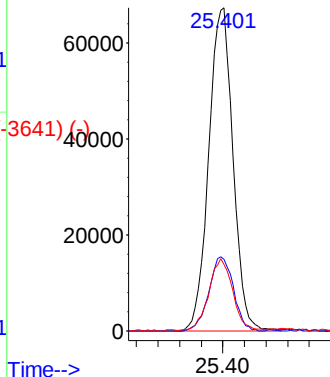
264 100

260 22.2 18.5 27.7

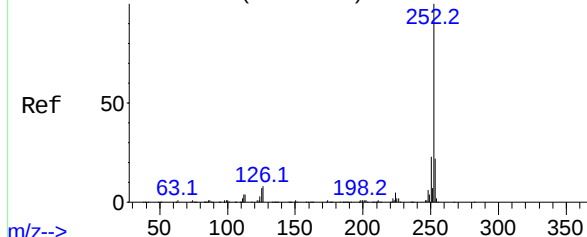
265 20.6 17.8 26.6



Abundance



Abundance Scan 3542 (24.296 min): BG052305.D\data.ms (-3542) (-)



Benzo(b)fluoranthene

Concen: 2.772 ng

RT: 24.285 min Scan# 3540

Delta R.T. -0.010 min

Lab File: BG052445.D

Acq: 21 Feb 2022 20:02

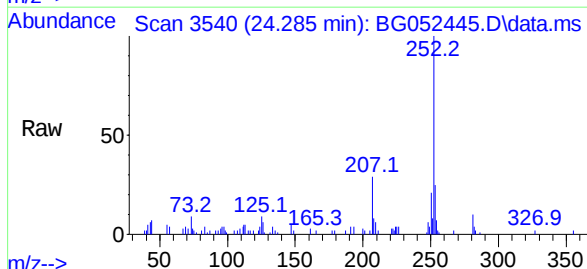
Tgt Ion:252 Resp: 36411

Ion Ratio Lower Upper

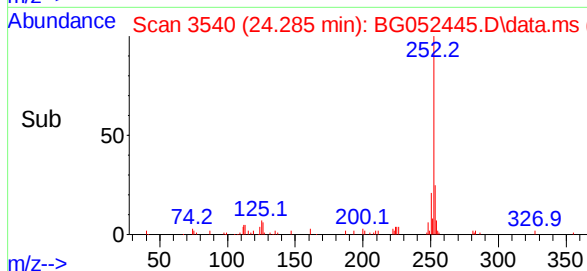
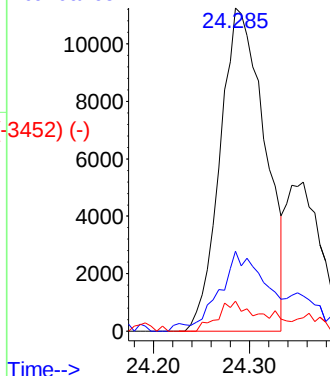
252 100

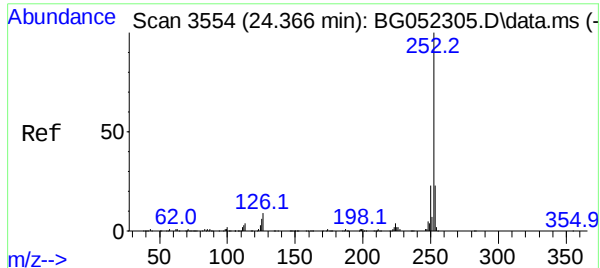
253 24.8 18.3 27.5

125 9.2 5.4 8.2#



Abundance





Benzo(k)fluoranthene

Concen: 2.806 ng

RT: 24.285 min Scan# 3549

Delta R.T. -0.081 min

Lab File: BG052445.D

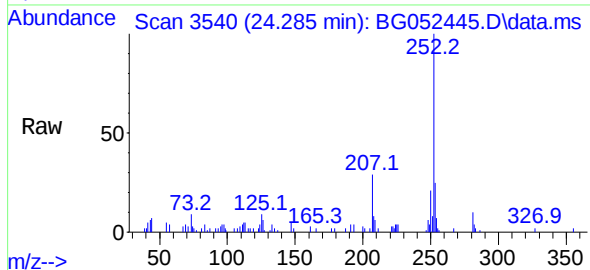
Acq: 21 Feb 2022 20:02

Instrument :

BNA_G

ClientSampleId :

350



Tgt Ion:252 Resp: 36411

Ion Ratio Lower Upper

252 100

253 24.8 17.3 25.9

125 9.2 4.6 7.0#

