

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044540.D
 Acq On : 21 Feb 2020 3:45
 Operator : CG/JU
 Sample : PB126885BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BL

Quant Time: Feb 21 07:48:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	50432	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	202872	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	133845	20.00	ng	-0.03
64) Phenanthrene-d10	17.26	188	311403	20.00	ng	-0.03
76) Chrysene-d12	21.51	240	334902	20.00	ng	-0.03
87) Perylene-d12	24.58	264	357894	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	432993	151.52	ng	-0.02
7) Phenol-d6	7.05	99	552322	143.93	ng	-0.03
23) Nitrobenzene-d5	9.04	82	325460	90.57	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	214284	136.38	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	770302	96.37	ng	-0.02
79) Terphenyl-d14	19.88	244	1412268	86.74	ng	-0.02

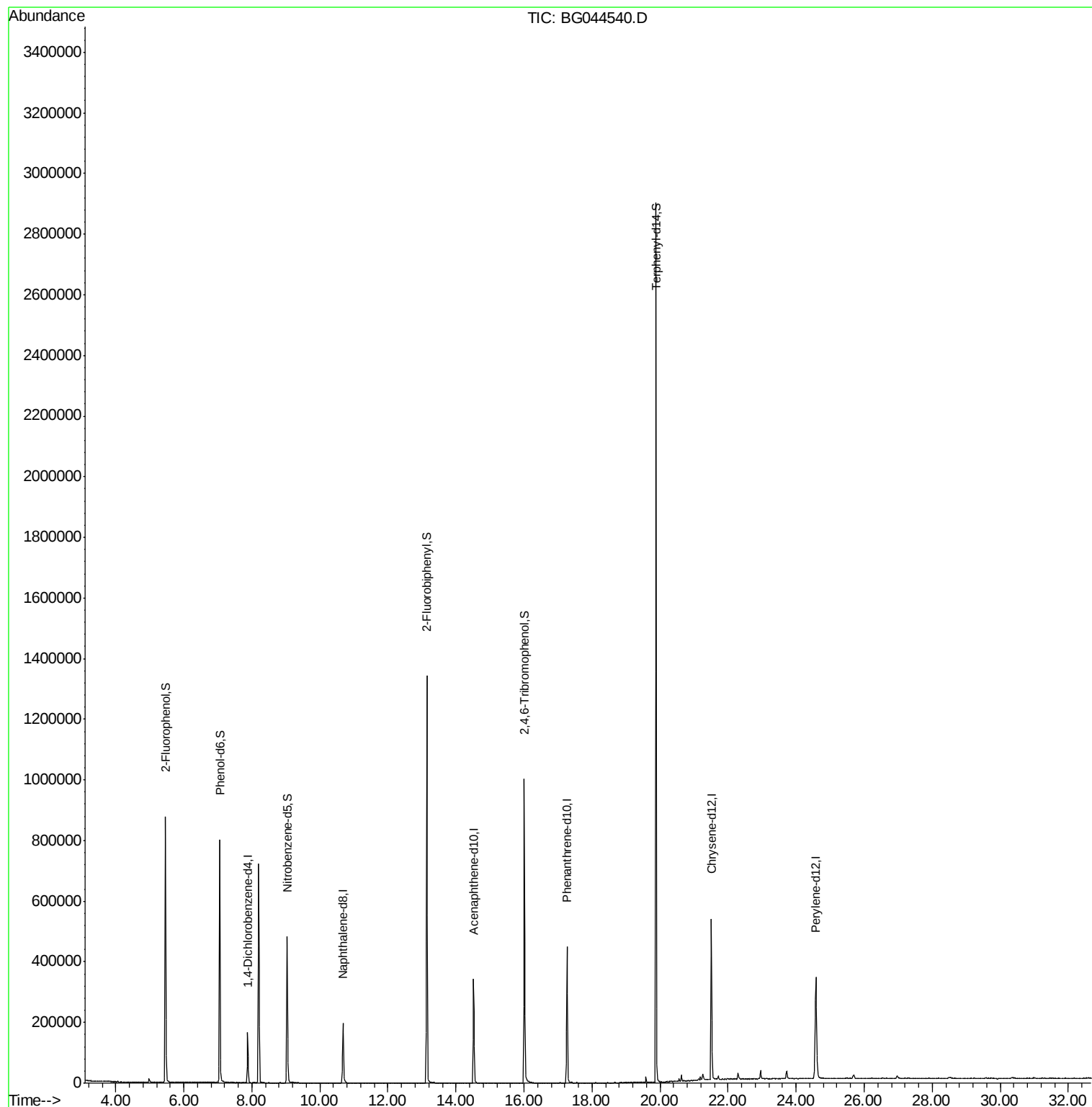
Target Compounds Qvalue

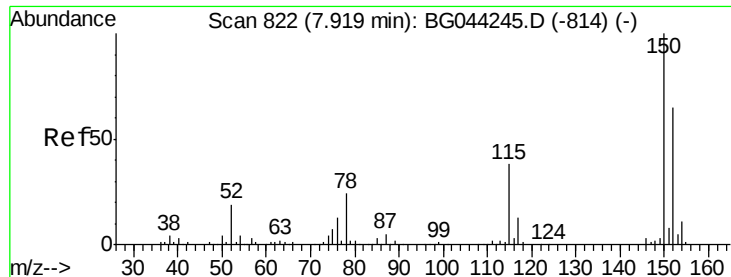
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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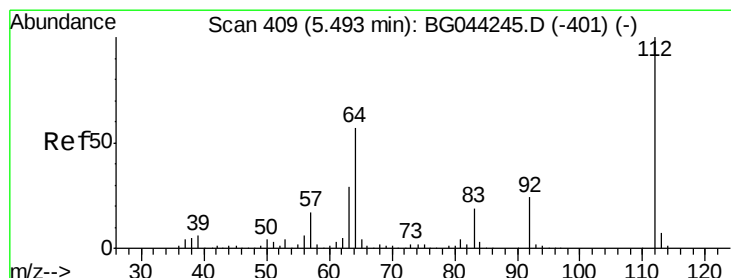
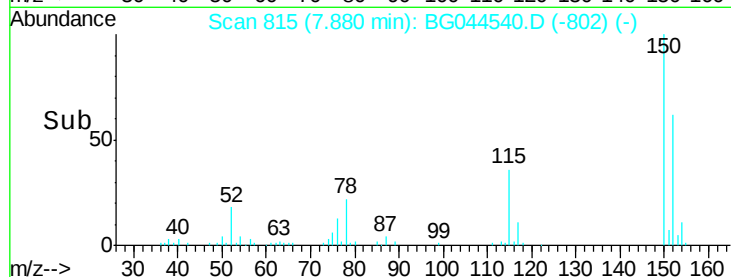
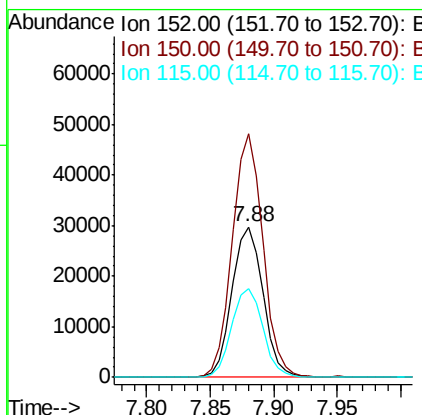
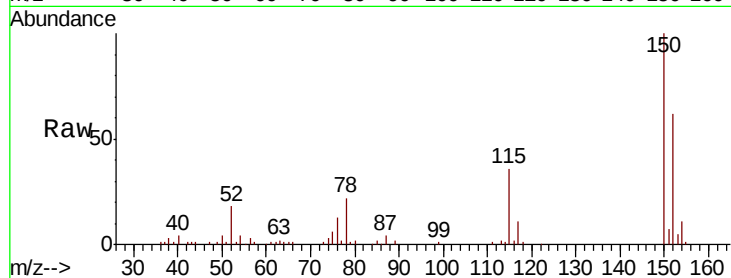


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.03 min
Lab File: BG044540.D
Acq: 21 Feb 2020 3:45

Instrument :
BNA_G
ClientSampleId :
PB126885BL

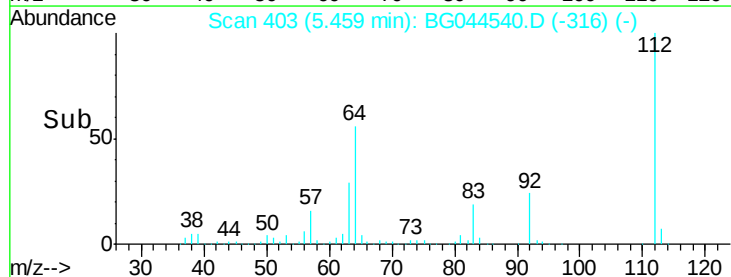
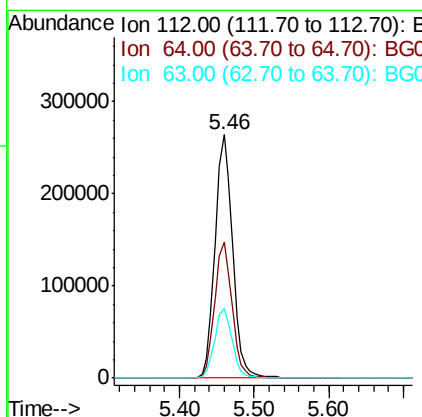
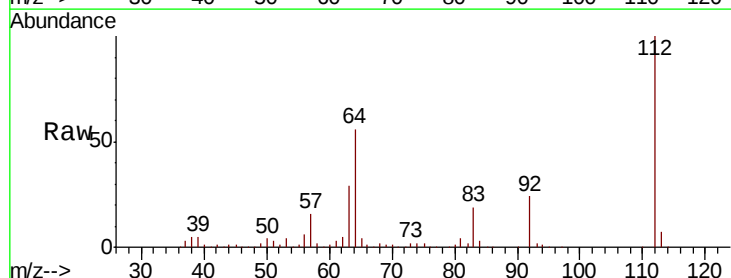
Tot Ion:152 Resp: 50432
Ion Ratio Lower Upper
152 100
150 161.7 122.6 183.8
115 58.9 46.0 69.0



#5

2-Fluorophenol
Concen: 151.524 ng
RT: 5.46 min Scan# 403
Delta R.T. -0.02 min
Lab File: BG044540.D
Acq: 21 Feb 2020 3:45

Tgt Ion:112 Resp: 432993
Ion Ratio Lower Upper
112 100
64 55.9 45.4 68.2
63 28.7 22.9 34.3





#7

Phenol-d6

Concen: 143.934 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.03 min

Lab File: BG044540.D

Acq: 21 Feb 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB126885BL

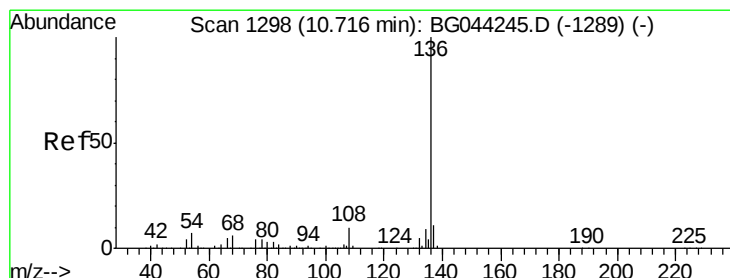
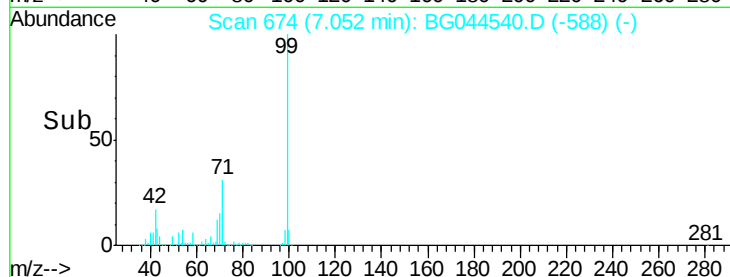
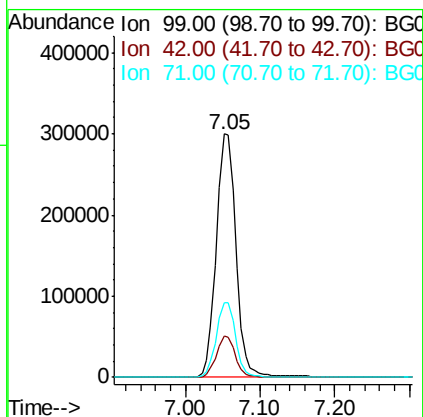
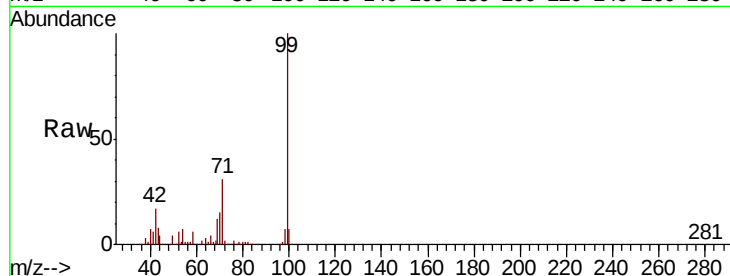
Tot Ion: 99 Resp: 552322

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

71 30.8 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG044540.D

Acq: 21 Feb 2020 3:45

Tgt Ion: 136 Resp: 202872

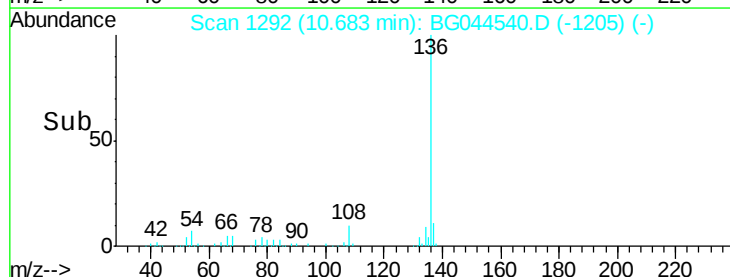
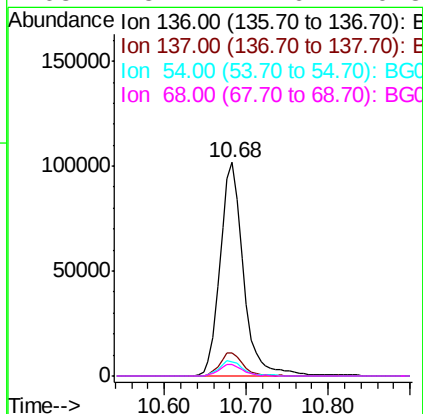
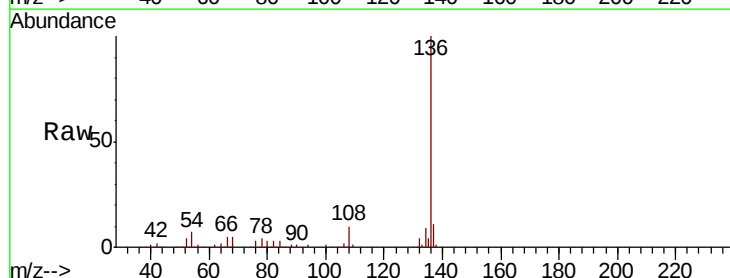
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.5 5.8 8.8

68 5.1 4.6 6.8

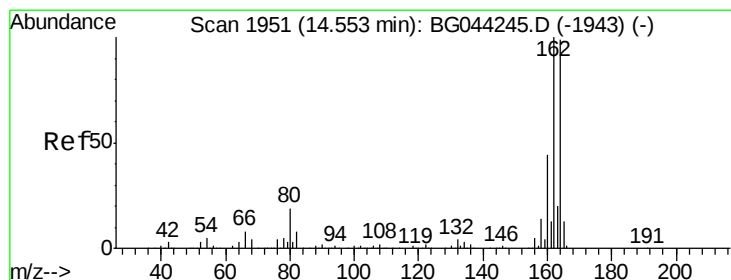
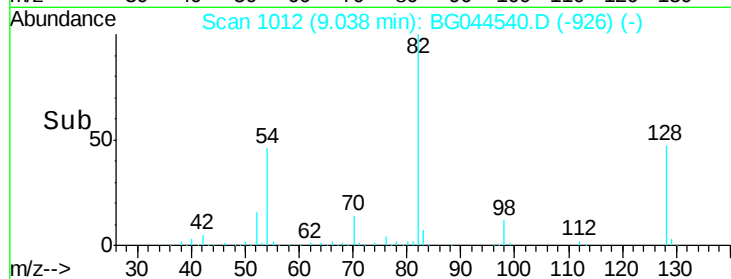
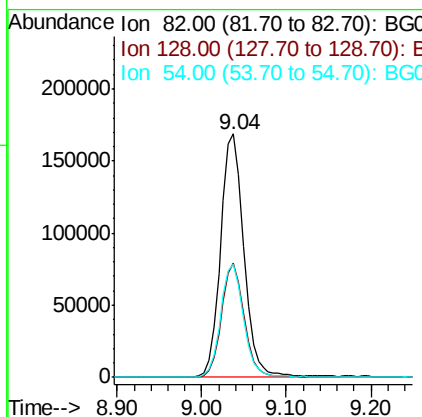
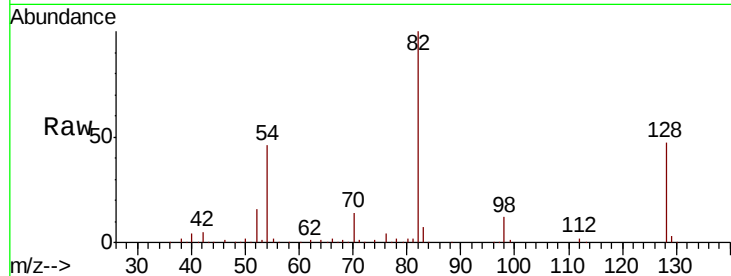




#23
 Nitrobenzene-d5
 Concen: 90.571 ng
 RT: 9.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BG044540.D
 Acq: 21 Feb 2020 3:45

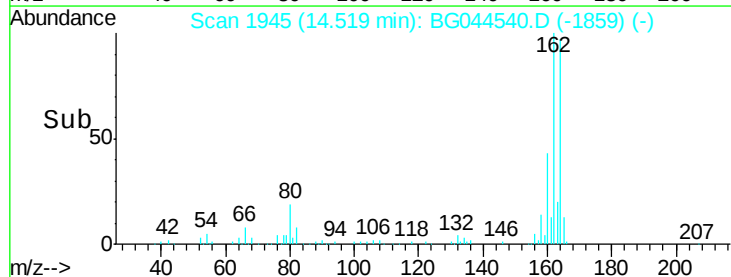
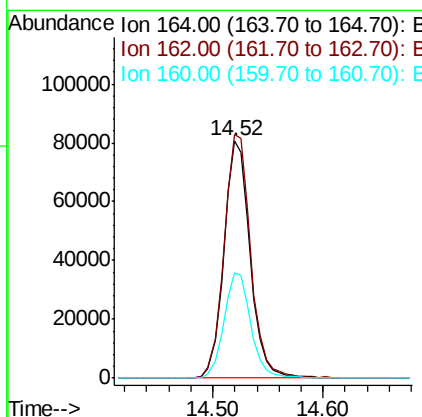
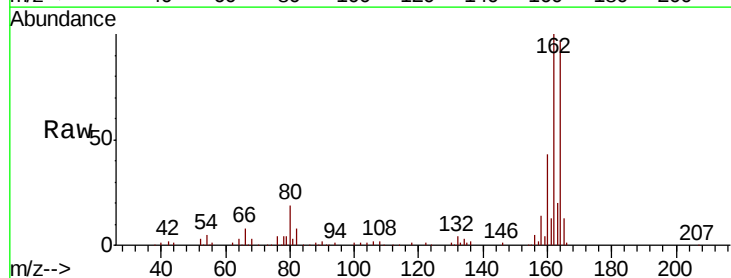
Instrument :
 BNA_G
 ClientSampleId :
 PB126885BL

Tot Ion	82	Resp	325460
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.5	54.7
54	46.4	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.03 min
 Lab File: BG044540.D
 Acq: 21 Feb 2020 3:45

Tgt Ion	164	Resp	133845
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.7	121.1
160	44.3	35.3	52.9

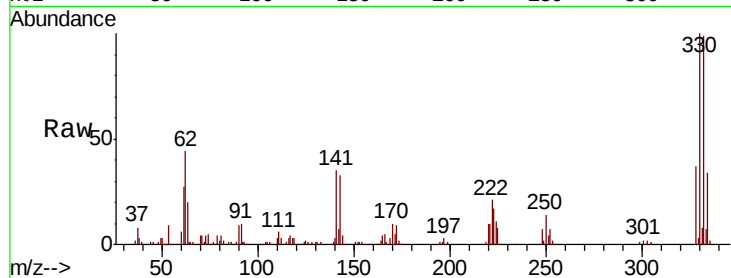




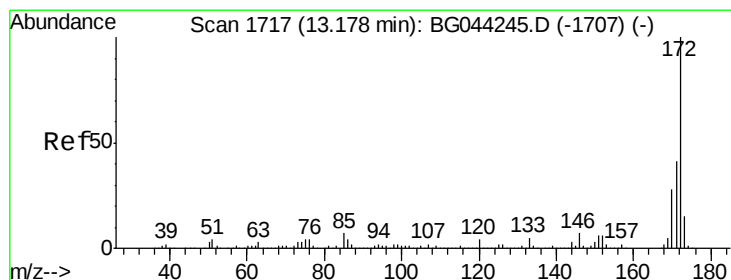
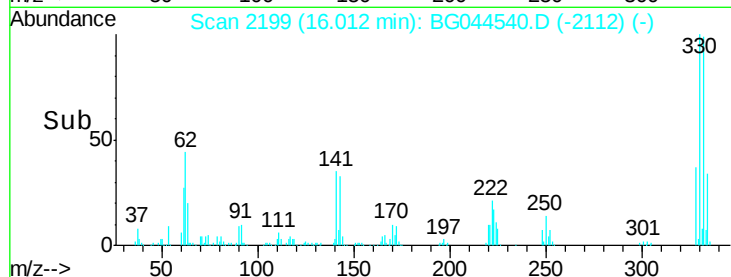
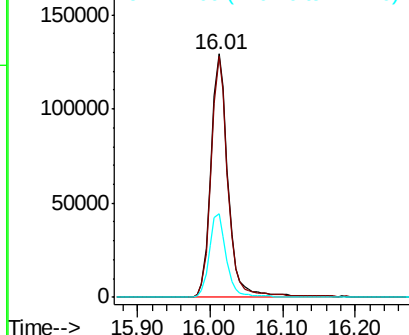
#42
 2,4,6-Tribromophenol
 Concen: 136.377 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BG044540.D
 Acq: 21 Feb 2020 3:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126885BL

Tot Ion:330 Resp: 214284
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 34.3 28.3 42.5

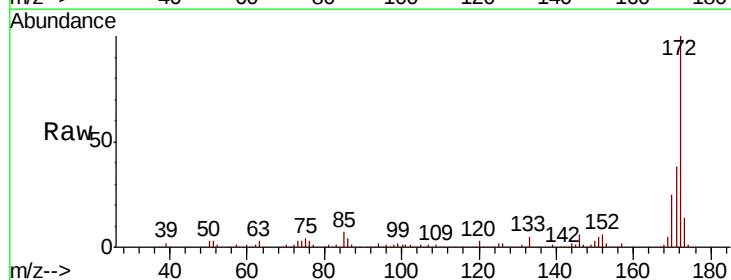


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

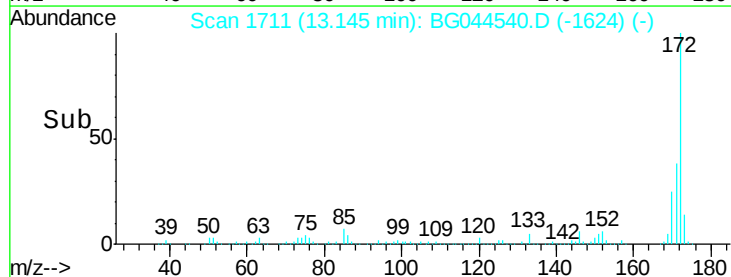
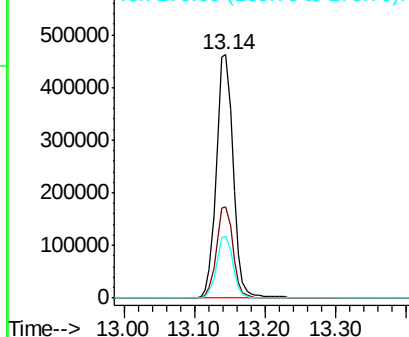


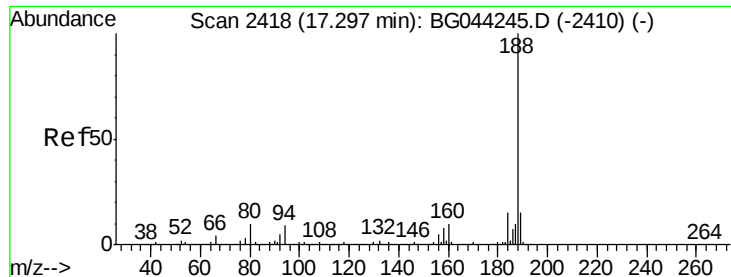
#45
 2-Fluorobiphenyl
 Concen: 96.374 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044540.D
 Acq: 21 Feb 2020 3:45

Tgt Ion:172 Resp: 770302
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.9 49.3
 170 25.3 22.0 33.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.03 min

Lab File: BG044540.D

Acq: 21 Feb 2020 3:45

Instrument :

BNA_G

ClientSampleId :

PB126885BL

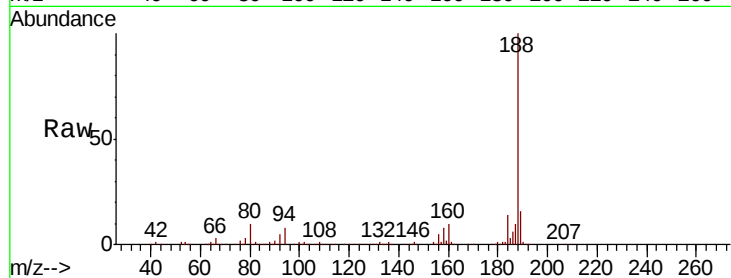
Tot Ion:188 Resp: 311403

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.8 7.7 11.5



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

250000

200000

150000

100000

50000

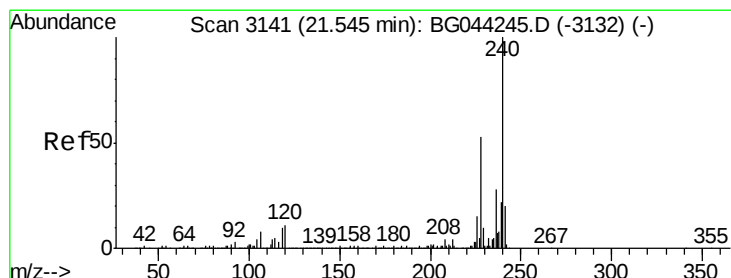
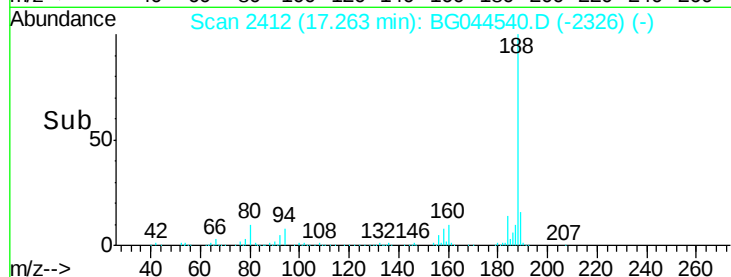
0

17.26

17.20

17.30

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3134

Delta R.T. -0.03 min

Lab File: BG044540.D

Acq: 21 Feb 2020 3:45

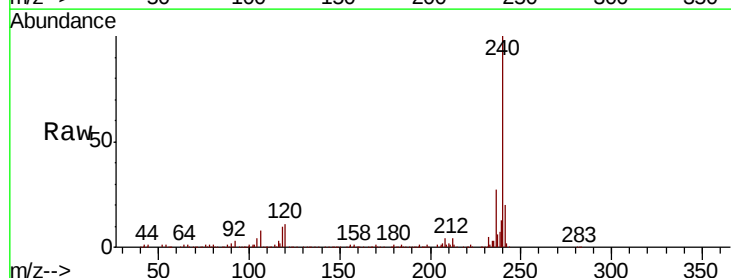
Tgt Ion:240 Resp: 334902

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 27.3 22.1 33.1



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

250000

200000

150000

100000

50000

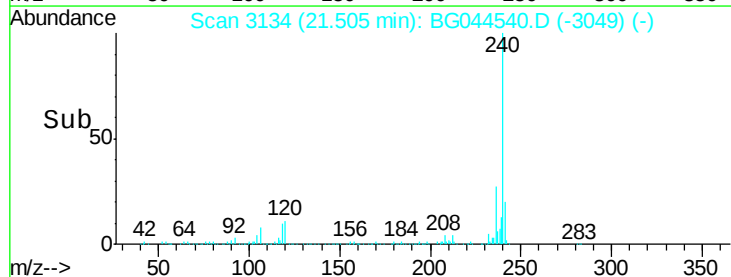
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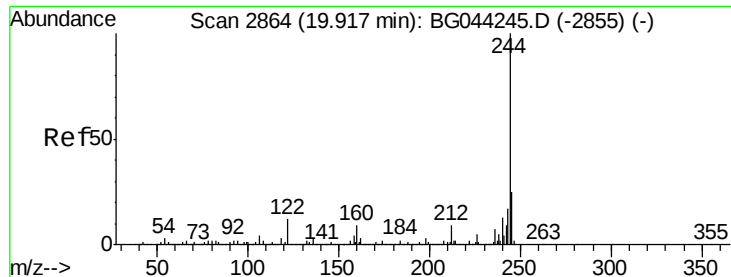
21.51

21.40

21.60

Time-->





#79

Terphenyl-d14

Concen: 86.737 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044540.D

Acq: 21 Feb 2020 3:45

Instrument :

BNA_G

ClientSampled :

PB126885BL

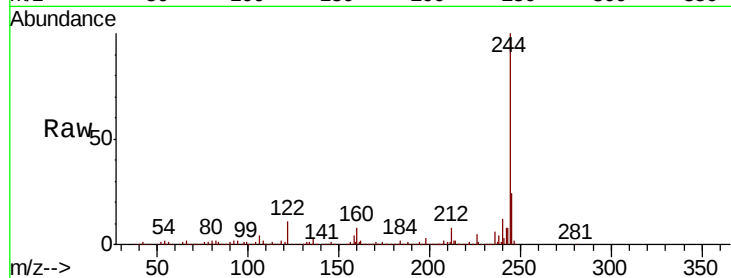
Tot Ion:244 Resp: 1412268

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.2

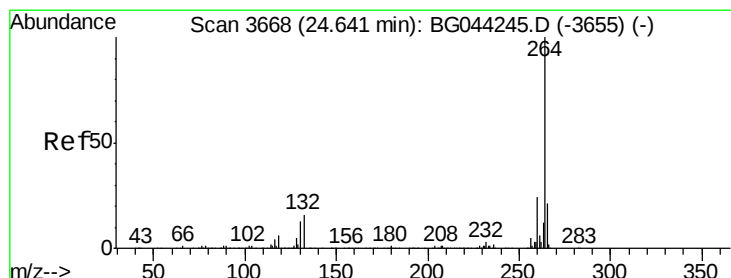
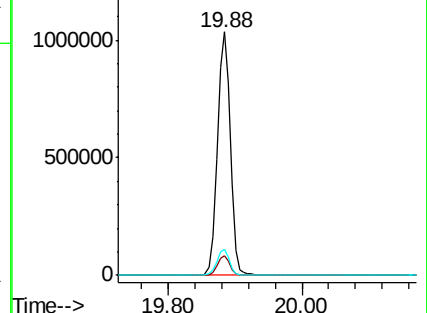
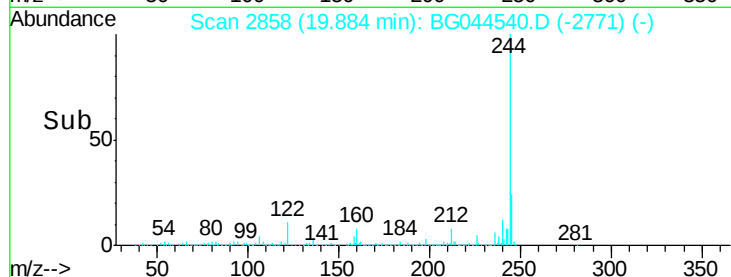
122 10.7 9.8 14.6



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: 24.58 min Scan# 3657

Delta R.T. -0.04 min

Lab File: BG044540.D

Acq: 21 Feb 2020 3:45

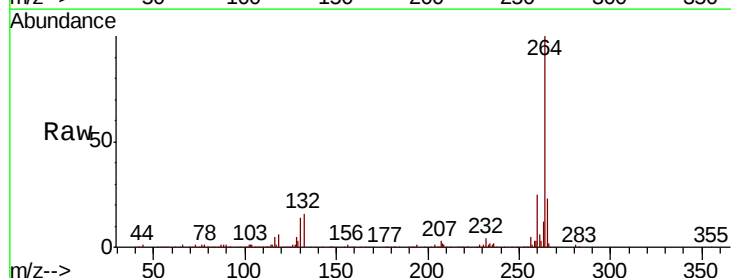
Tgt Ion:264 Resp: 357894

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 22.8 16.7 25.1



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

