

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044322.D
 Acq On : 6 Feb 2020 14:37
 Operator : CG/JU
 Sample : PB126624BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126624BL

Quant Time: Feb 06 22:00:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	86702	20.00	ng	-0.01
21) Naphthalene-d8	10.71	136	345765	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	235964	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	543665	20.00	ng	0.00
76) Chrysene-d12	21.54	240	480416	20.00	ng	0.00
87) Perylene-d12	24.63	264	531992	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	523005	106.46	ng	0.00
7) Phenol-d6	7.09	99	669504	101.49	ng	0.00
23) Nitrobenzene-d5	9.07	82	395402	64.56	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	292863	105.72	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	967145	68.63	ng	0.00
79) Terphenyl-d14	19.91	244	1588325	68.00	ng	-0.01

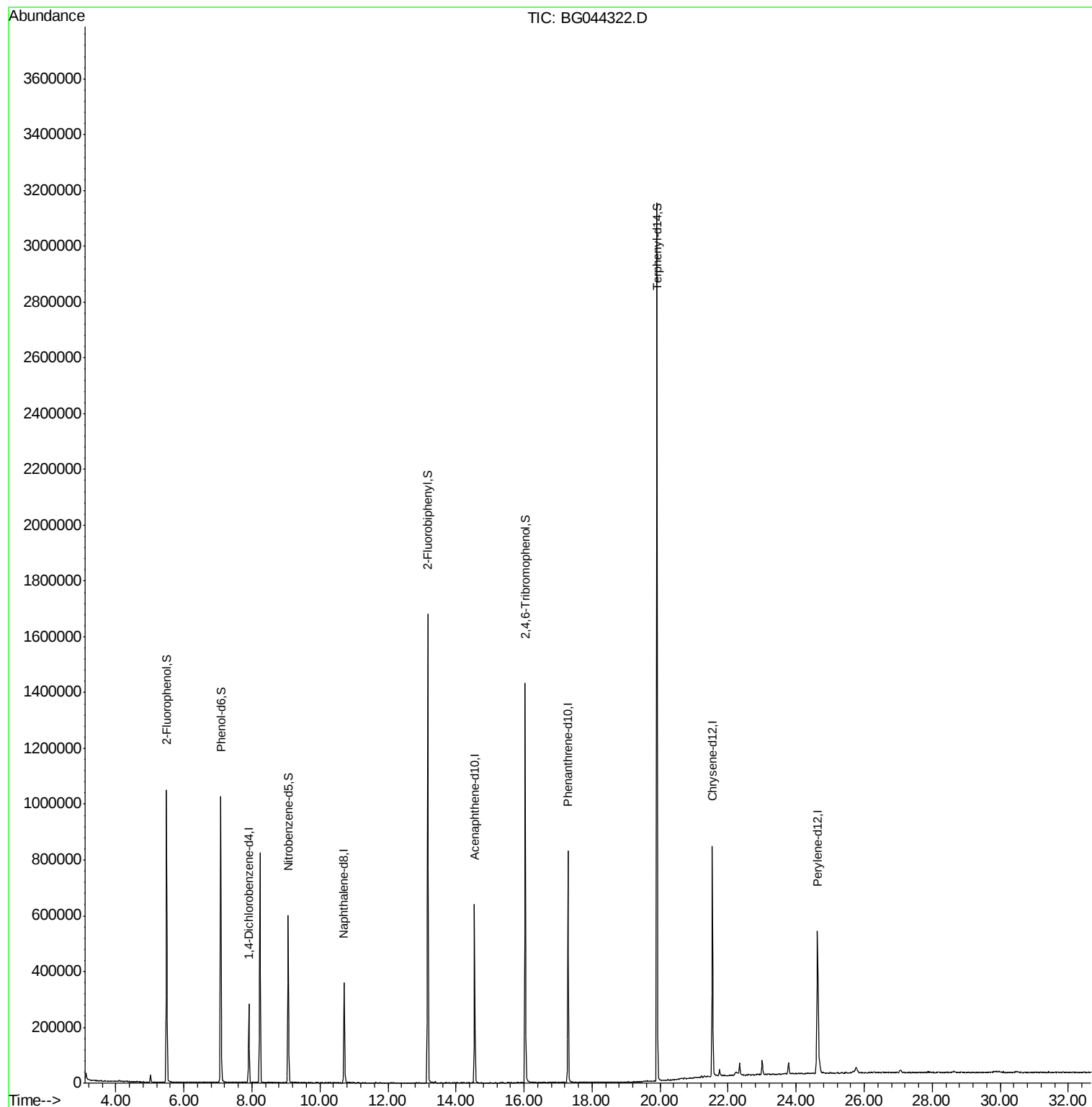
Target Compounds	Qvalue
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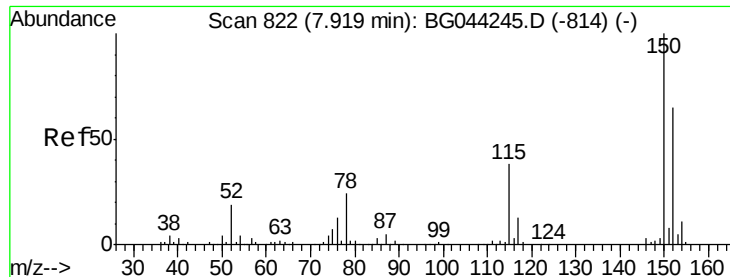
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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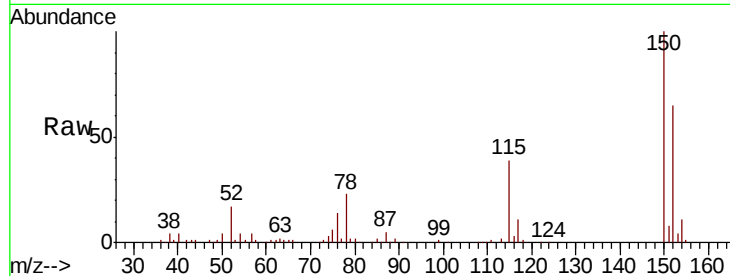


#1

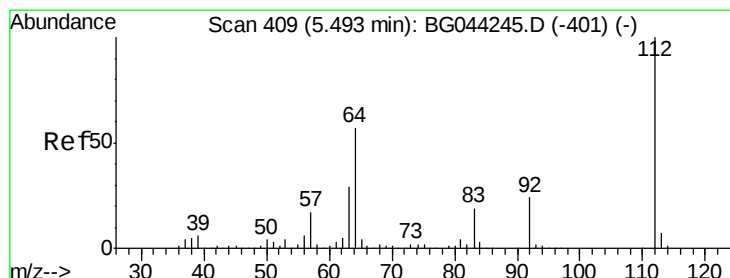
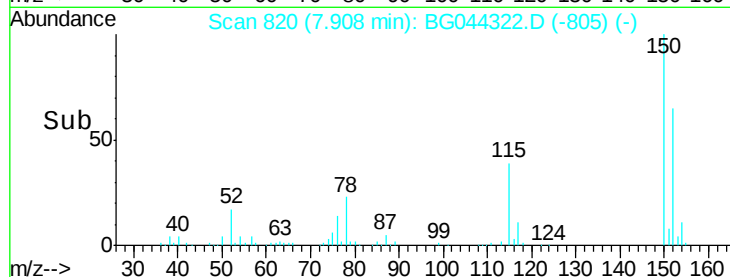
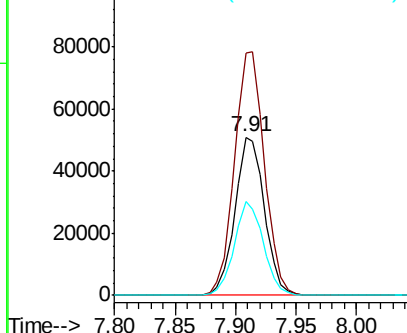
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126624BL

Tot Ion:152 Resp: 86702
 Ion Ratio Lower Upper
 152 100
 150 153.1 122.6 183.8
 115 59.4 46.0 69.0



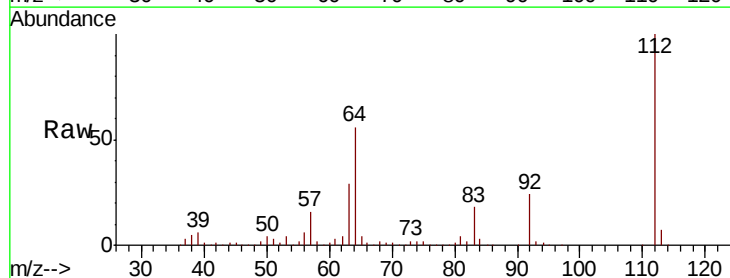
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



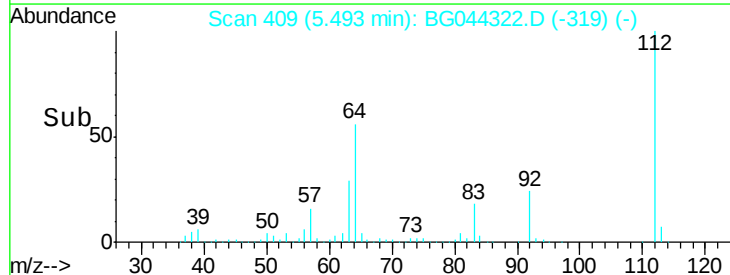
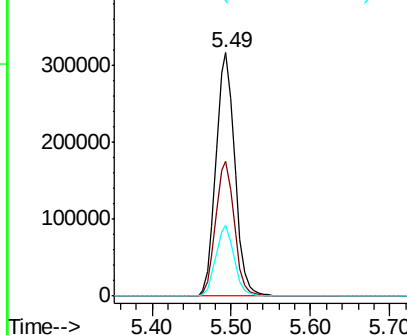
#5

2-Fluorophenol
 Concen: 106.459 ng
 RT: 5.49 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Tgt Ion:112 Resp: 523005
 Ion Ratio Lower Upper
 112 100
 64 55.6 45.4 68.2
 63 28.9 22.9 34.3



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: 101.485 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044322.D

Acq: 6 Feb 2020 14:37

Instrument :

BNA_G

ClientSampleId :

PB126624BL

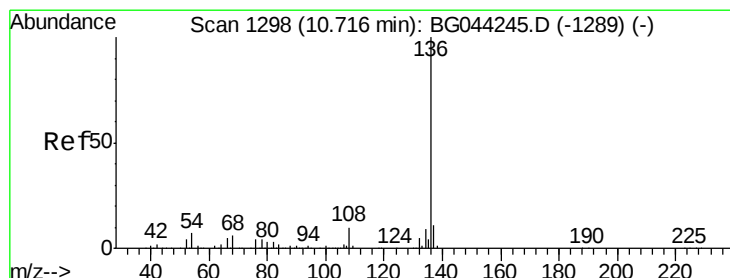
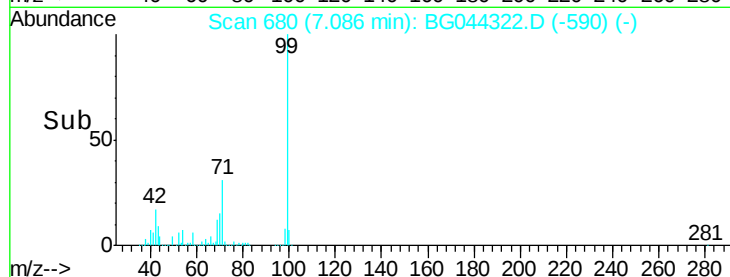
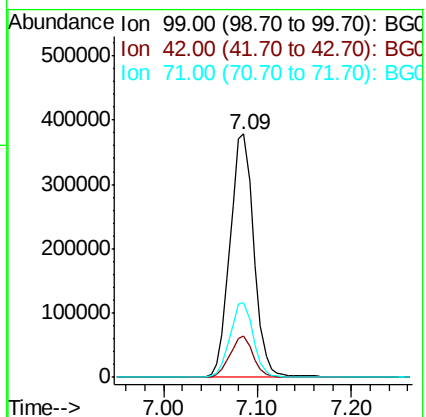
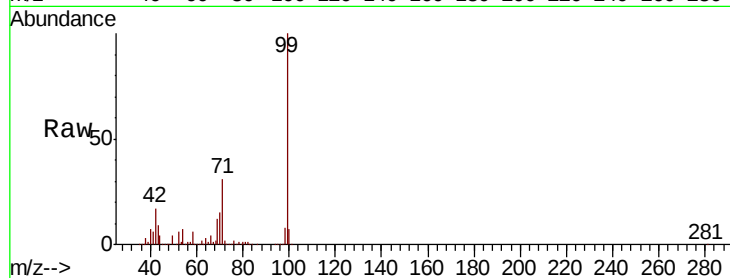
Tot Ion: 99 Resp: 669504

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

71 30.9 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG044322.D

Acq: 6 Feb 2020 14:37

Tgt Ion: 136 Resp: 345765

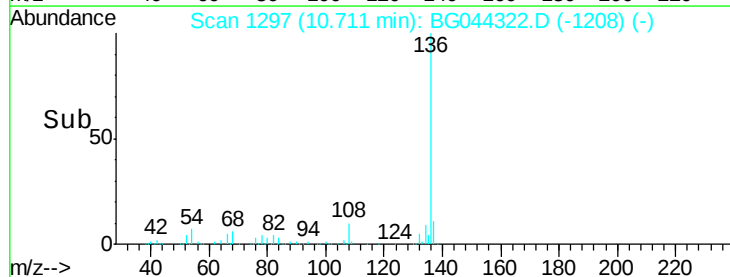
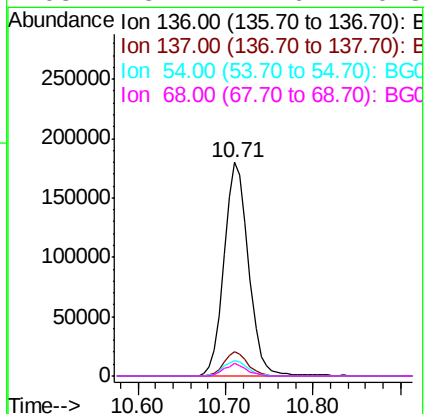
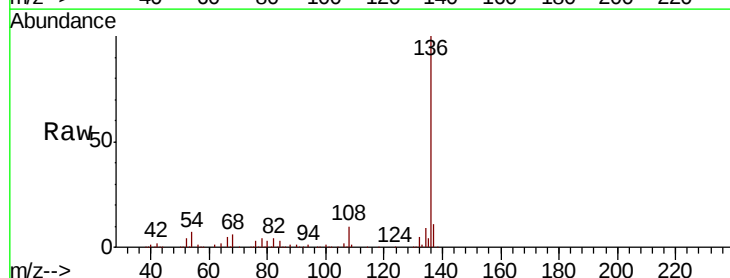
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.2 5.8 8.8

68 5.7 4.6 6.8

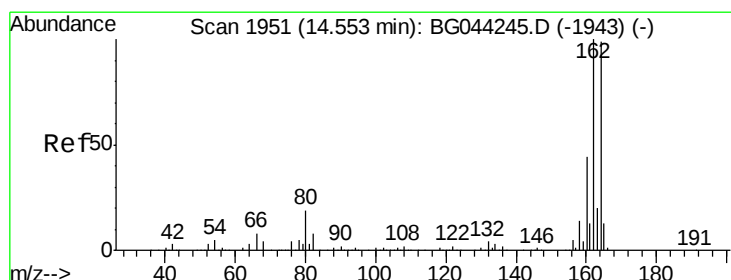
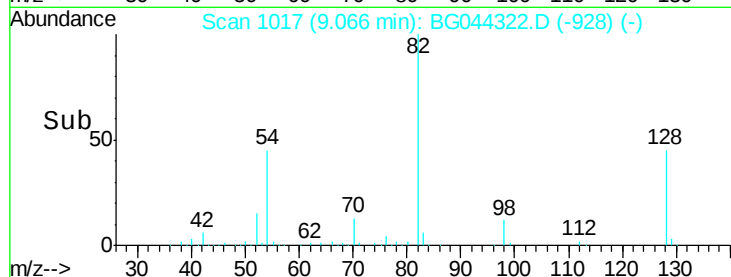
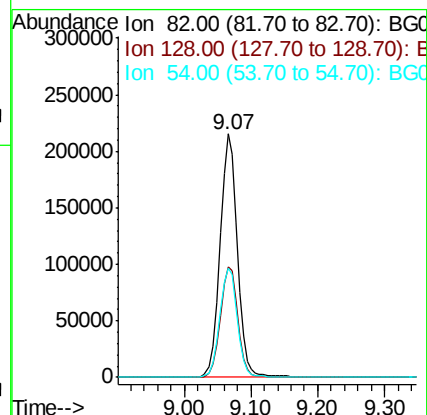
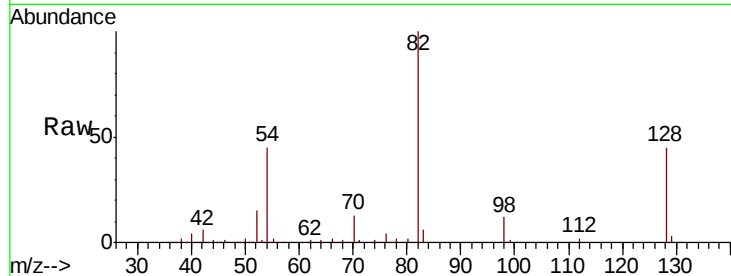




#23
 Nitrobenzene-d5
 Concen: 64.561 ng
 RT: 9.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

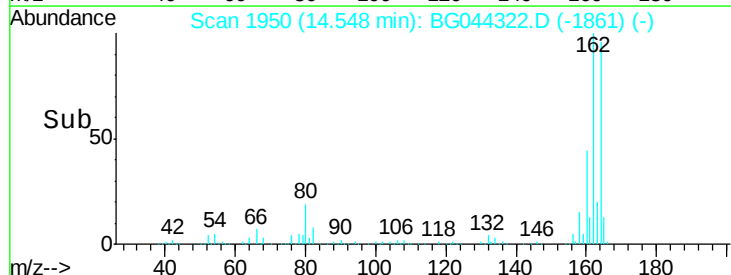
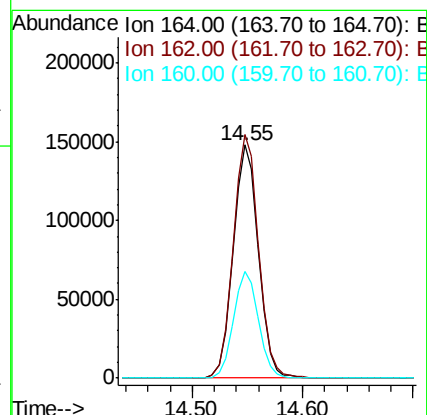
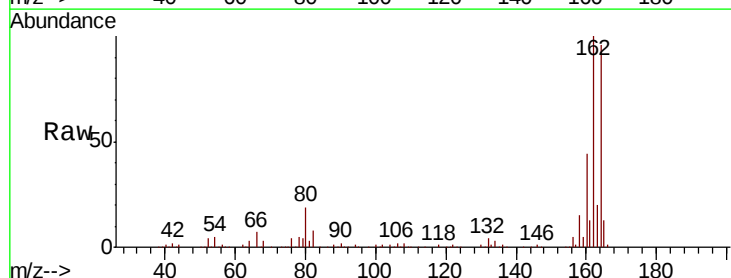
Instrument :
 BNA_G
 ClientSampleId :
 PB126624BL

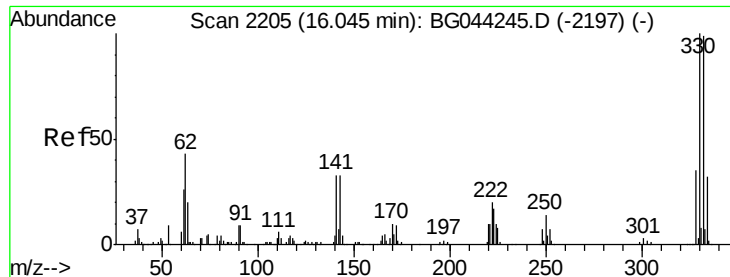
Tot Ion	82	Resp	395402
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	44.6	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Tgt Ion	164	Resp	235964
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>80.7</td> <td></td> <td></td>	80.7		
Upper <td>121.1</td> <td></td> <td></td>	121.1		
162	104.5	35.3	52.9

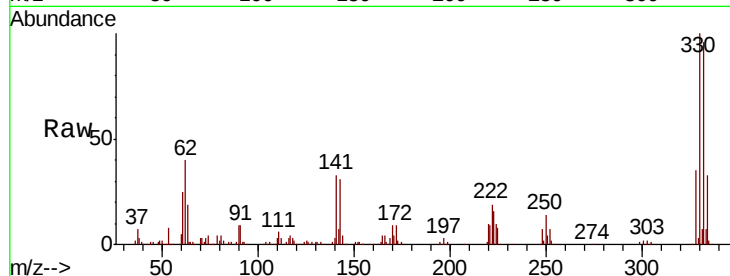




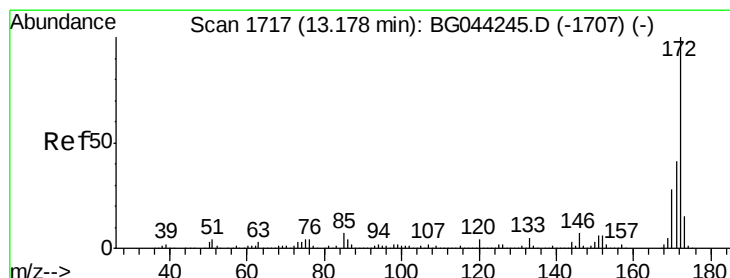
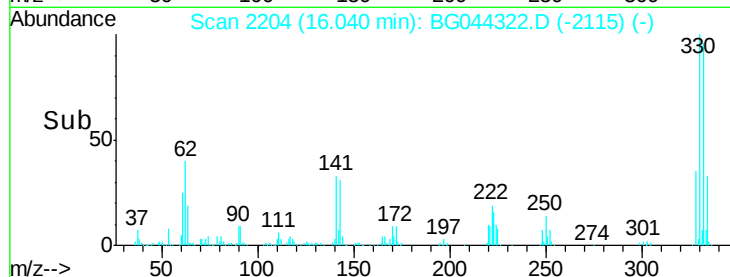
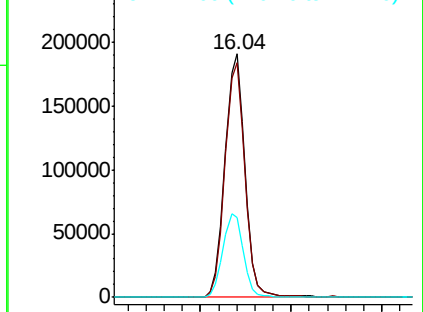
#42
 2,4,6-Tribromophenol
 Concen: 105.724 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Instrument :
 BNA_G
 ClientSampleId :
 PB126624BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	35.0	28.3	42.5

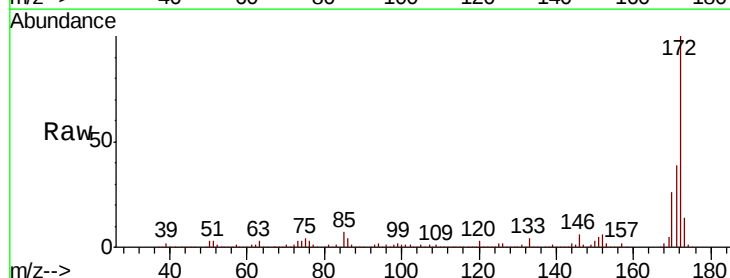


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

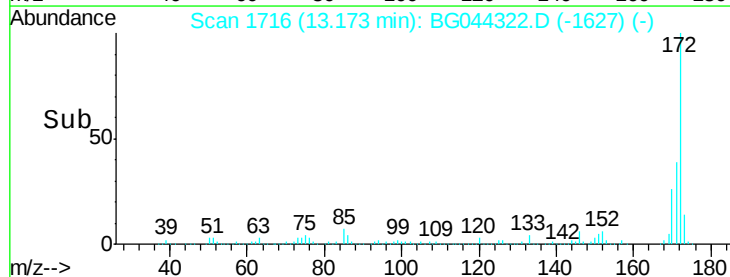
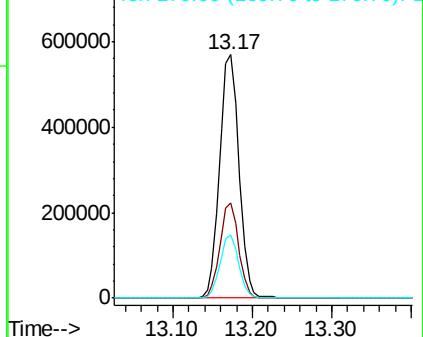


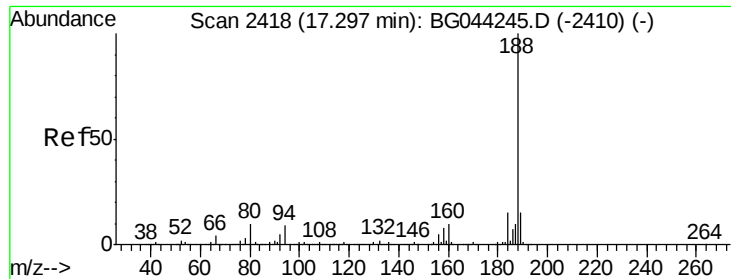
#45
 2-Fluorobiphenyl
 Concen: 68.635 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044322.D
 Acq: 6 Feb 2020 14:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.9	49.3
170	25.8	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: 17.29 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG044322.D

Acq: 6 Feb 2020 14:37

Instrument :

BNA_G

ClientSampleId :

PB126624BL

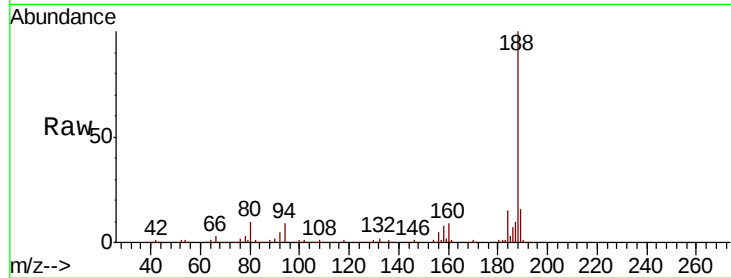
Tot Ion:188 Resp: 543665

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

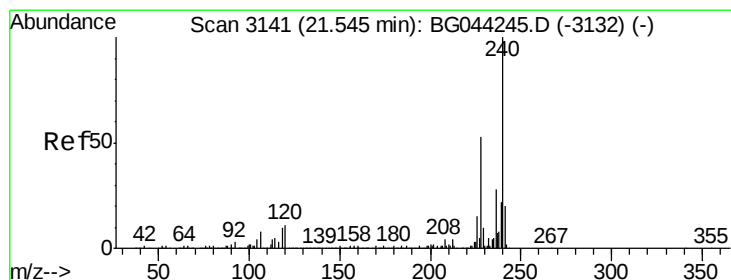
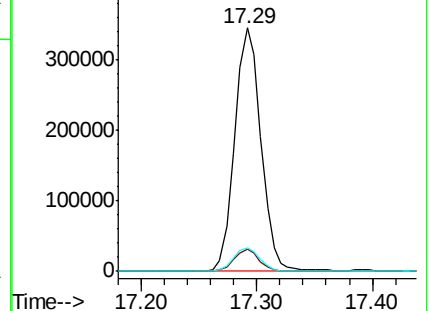
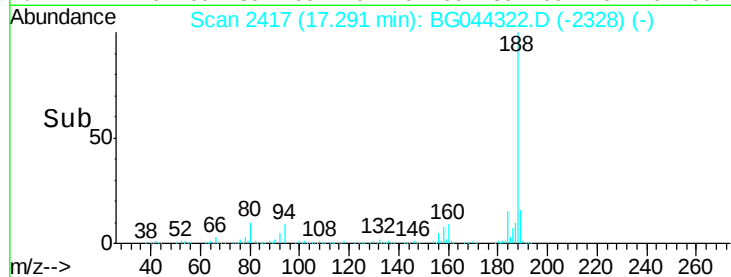
80 9.7 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044322.D

Acq: 6 Feb 2020 14:37

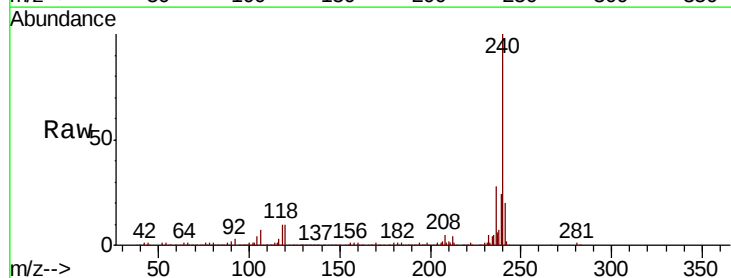
Tgt Ion:240 Resp: 480416

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

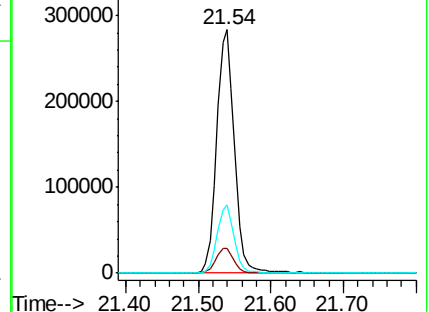
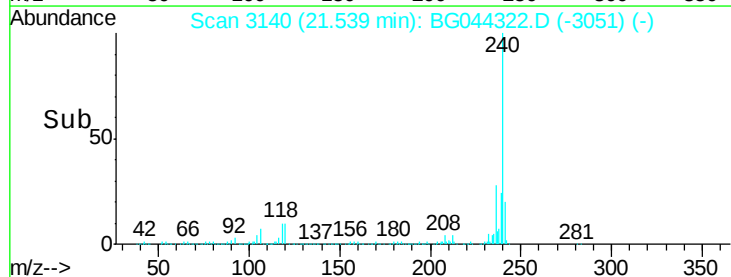
236 27.9 22.1 33.1

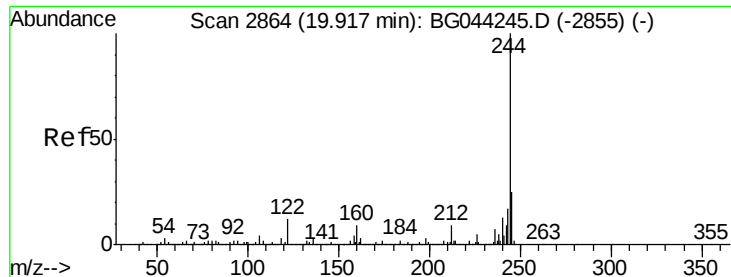


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.003 ng

RT: 19.91 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG044322.D

Acq: 6 Feb 2020 14:37

Instrument :

BNA_G

ClientSampled :

PB126624BL

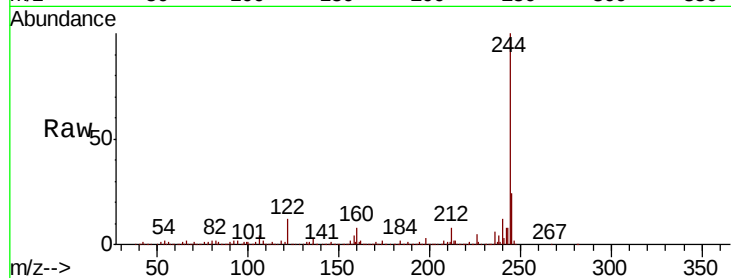
Tot Ion:244 Resp: 1588325

Ion Ratio Lower Upper

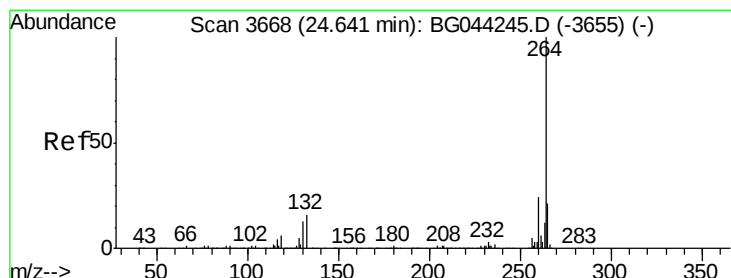
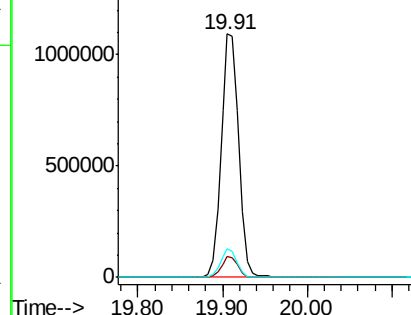
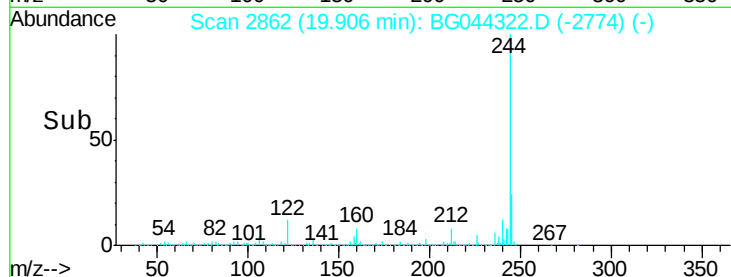
244 100

212 8.3 7.4 11.2

122 11.9 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: 24.63 min Scan# 3666

Delta R.T. -0.01 min

Lab File: BG044322.D

Acq: 6 Feb 2020 14:37

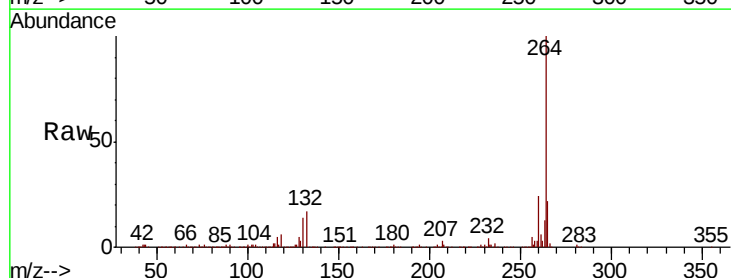
Tgt Ion:264 Resp: 531992

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.8 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

