

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044021.D
 Acq On : 13 Jan 2020 20:59
 Operator : JU
 Sample : PB126034BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BL

Quant Time: Jan 14 10:29:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	119890	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	476724	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	309262	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	680213	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	639430	20.00	ng	-0.02
87) Perylene-d12	24.68	264	700328	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	431108	66.02	ng	-0.01
7) Phenol-d6	7.11	99	354730	38.87	ng	-0.01
23) Nitrobenzene-d5	9.10	82	791629	88.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	510702	157.80	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1626946	95.31	ng	-0.02
79) Terphenyl-d14	19.94	244	2461330	95.93	ng	-0.02

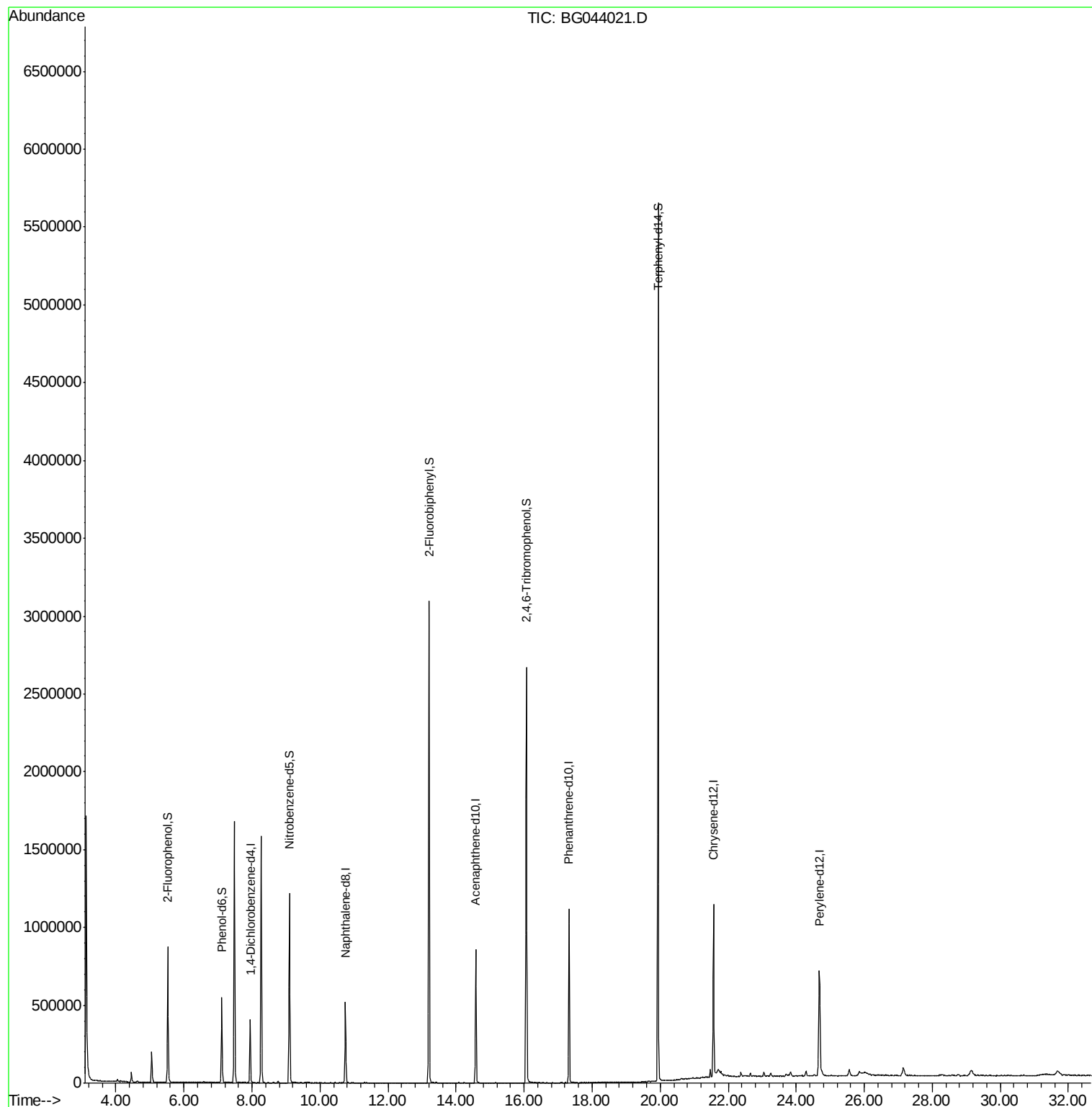
Target Compounds Qvalue

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

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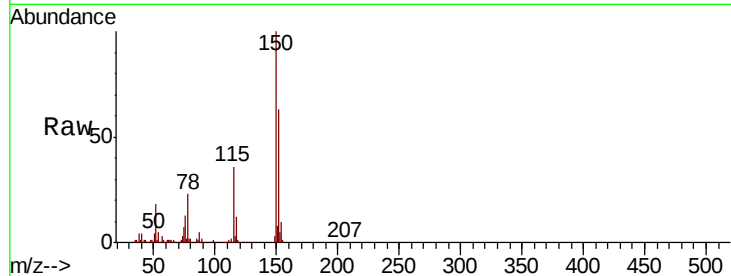


#1

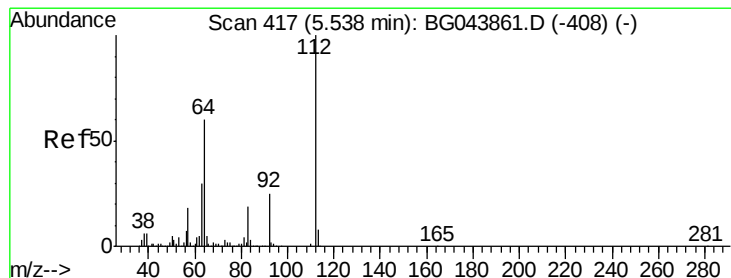
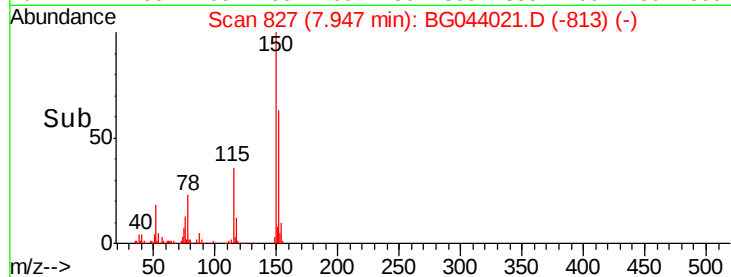
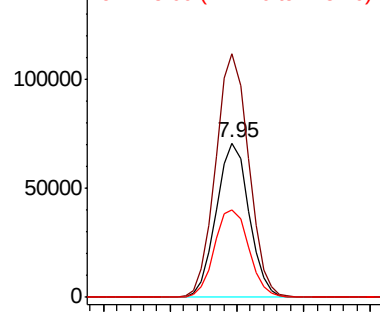
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
PB126034BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.0	190.4
115	56.7	47.8	71.8



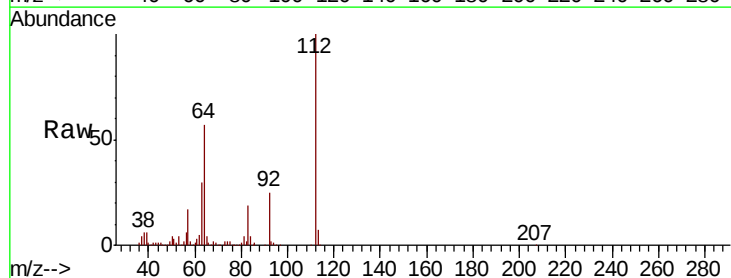
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



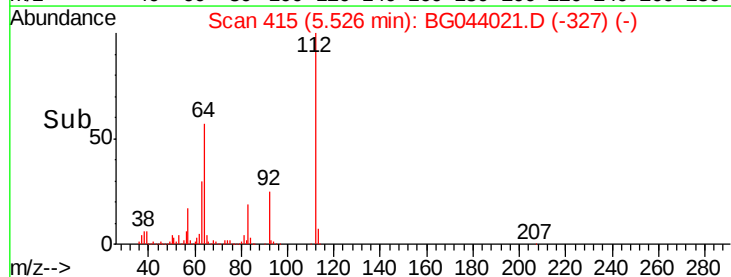
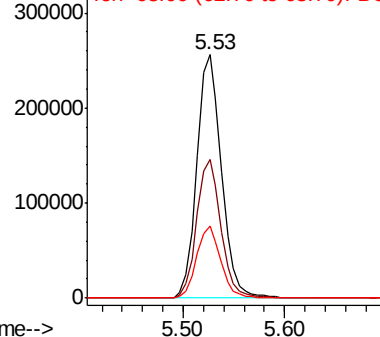
#5

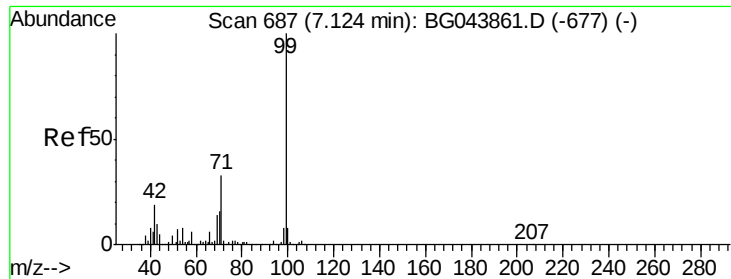
2-Fluorophenol
Concen: 66.024 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.8	71.6
63	29.7	24.3	36.5



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: 38.866 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044021.D

Acq: 13 Jan 2020 20:59

Instrument :

BNA_G

ClientSampleId :

PB126034BL

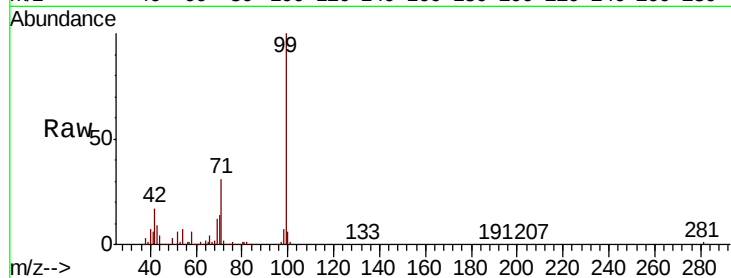
Tot Ion: 99 Resp: 354730

Ion Ratio Lower Upper

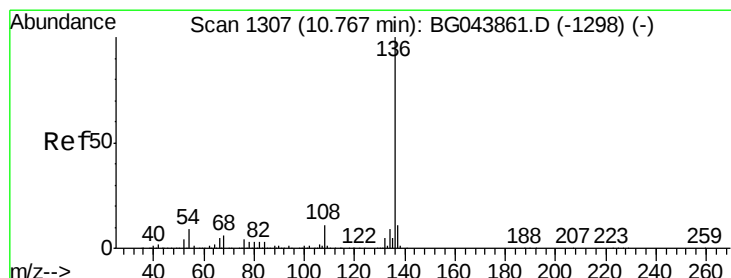
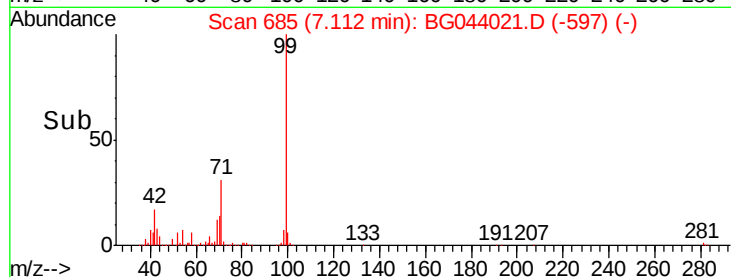
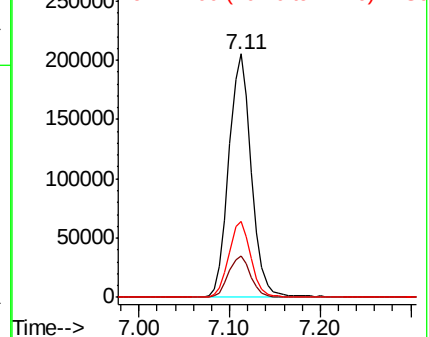
99 100

42 16.8 14.9 22.3

71 31.0 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044021.D

Acq: 13 Jan 2020 20:59

Tgt Ion: 136 Resp: 476724

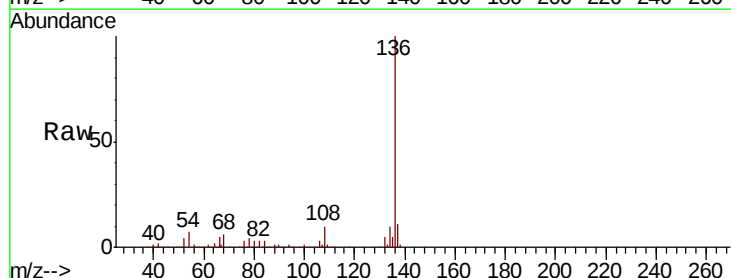
Ion Ratio Lower Upper

136 100

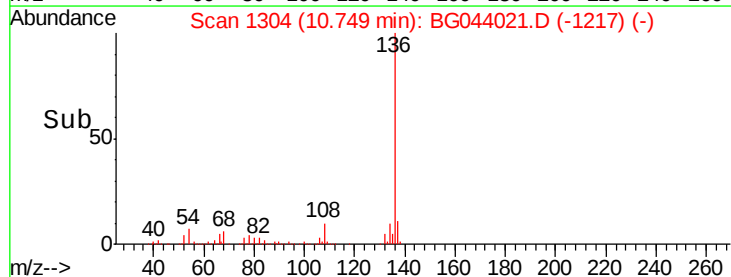
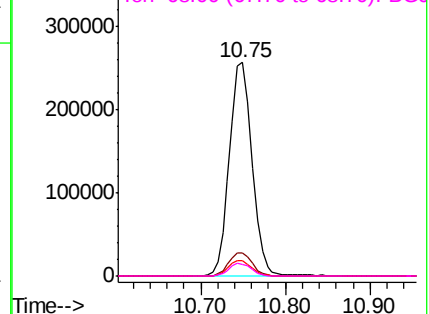
137 10.8 8.8 13.2

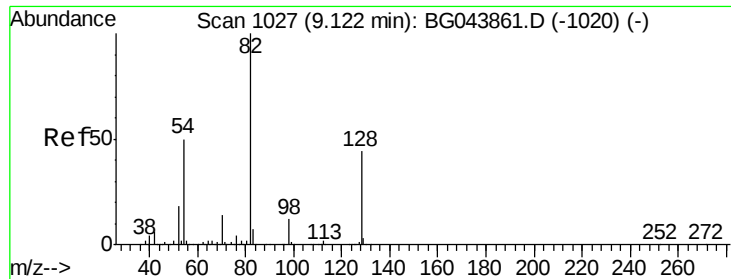
54 7.4 7.0 10.4

68 5.6 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

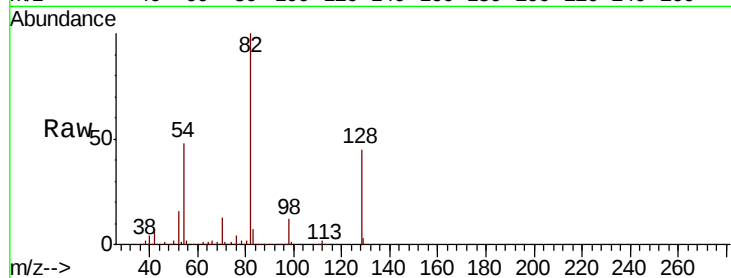




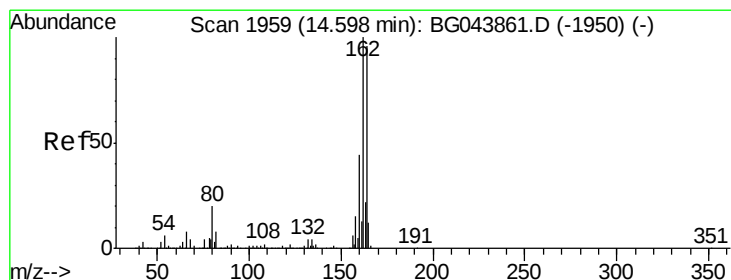
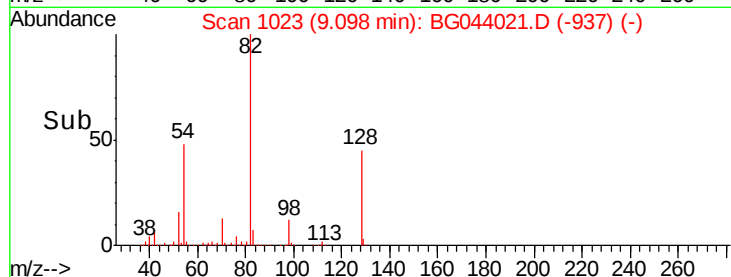
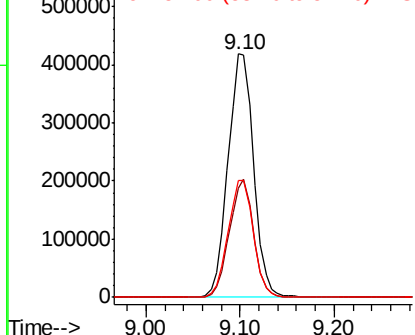
#23
Nitrobenzene-d5
Concen: 88.833 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Instrument :
BNA_G
ClientSampleId :
PB126034BL

Tot Ion: 82 Resp: 791629
Ion Ratio Lower Upper
82 100
128 44.8 35.1 52.7
54 48.2 40.1 60.1

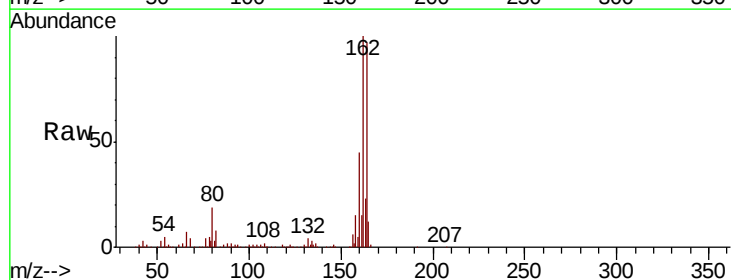


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

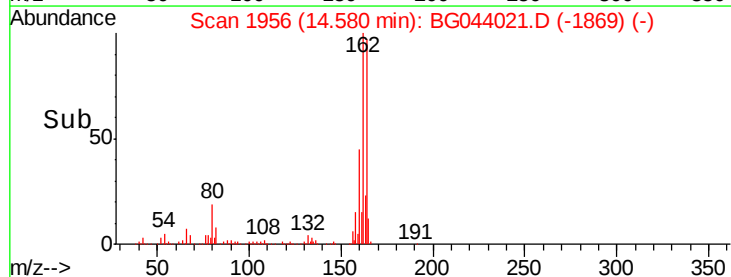
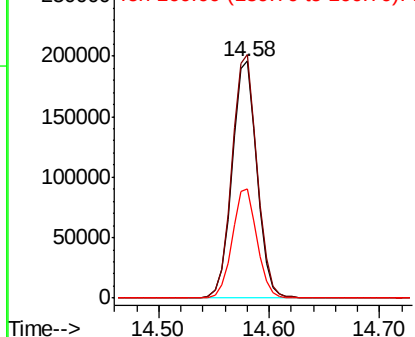


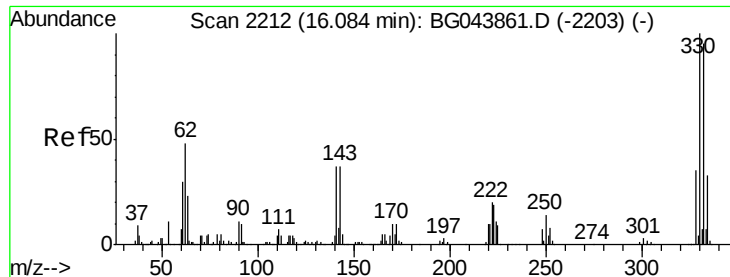
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044021.D
Acq: 13 Jan 2020 20:59

Tgt Ion:164 Resp: 309262
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 46.0 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

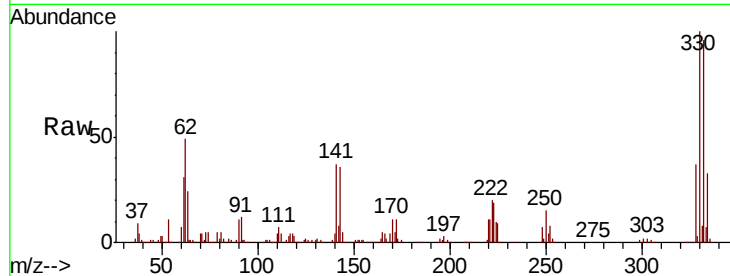




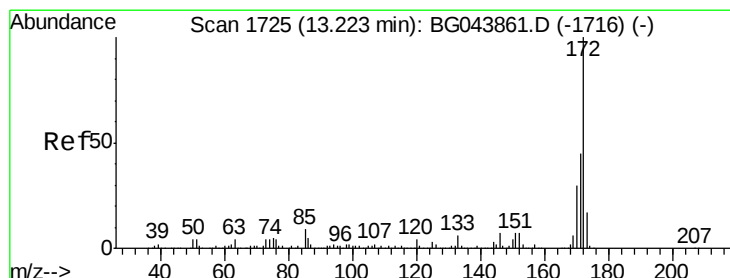
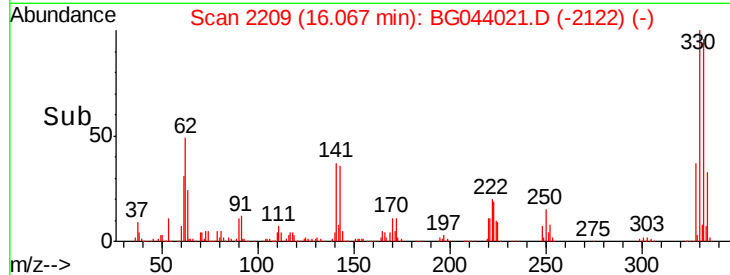
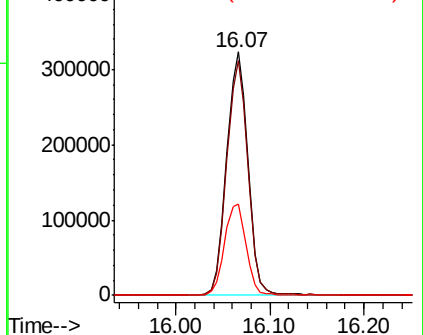
#42
 2,4,6-Tribromophenol
 Concen: 157.801 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BG044021.D
 Acq: 13 Jan 2020 20:59

Instrument :
 BNA_G
 ClientSampleId :
 PB126034BL

Tot Ion:330 Resp: 510702
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.2 115.8
 141 38.2 33.1 49.7

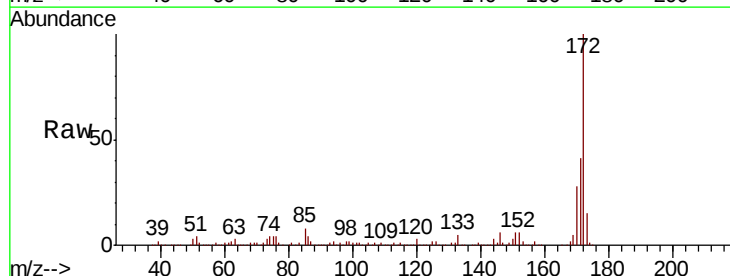


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

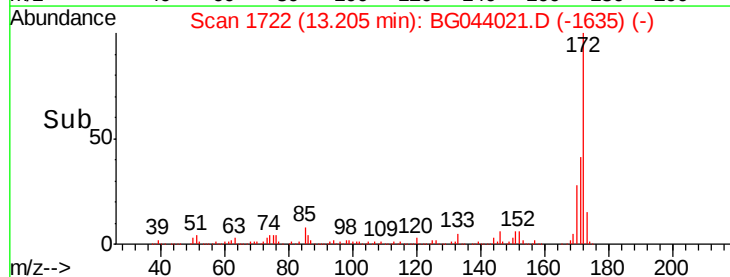
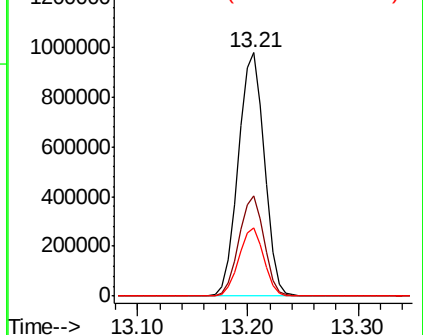


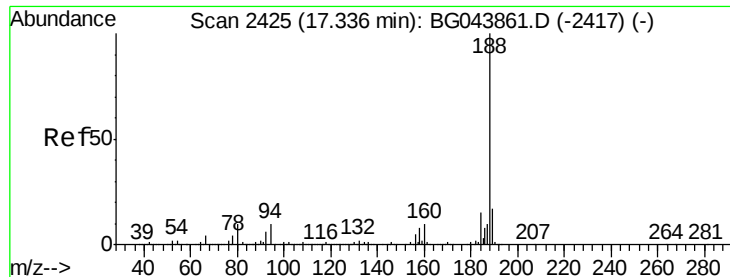
#45
 2-Fluorobiphenyl
 Concen: 95.312 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG044021.D
 Acq: 13 Jan 2020 20:59

Tgt Ion:172 Resp: 1626946
 Ion Ratio Lower Upper
 172 100
 171 41.3 35.8 53.8
 170 28.0 24.2 36.4



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: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044021.D

Acq: 13 Jan 2020 20:59

Instrument :

BNA_G

ClientSampleId :

PB126034BL

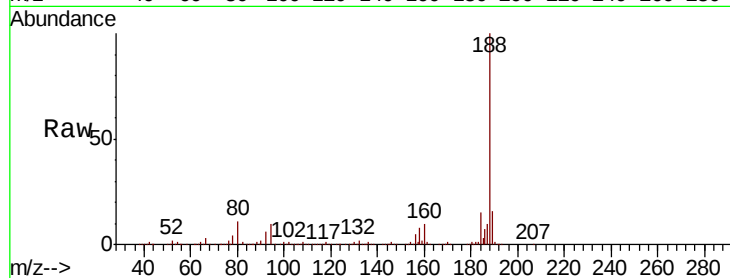
Tot Ion:188 Resp: 680213

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.7 8.2 12.4



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

600000

500000

400000

300000

200000

100000

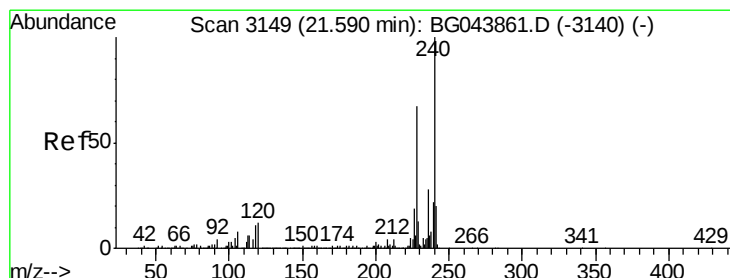
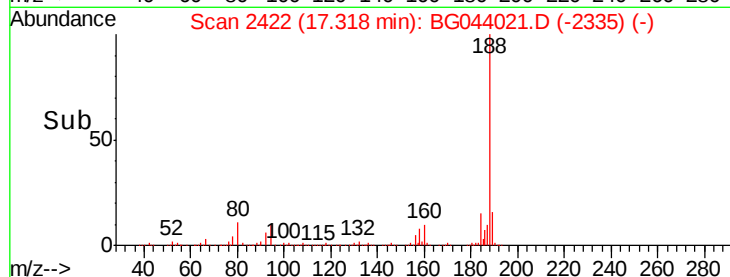
0

17.32

17.30

17.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044021.D

Acq: 13 Jan 2020 20:59

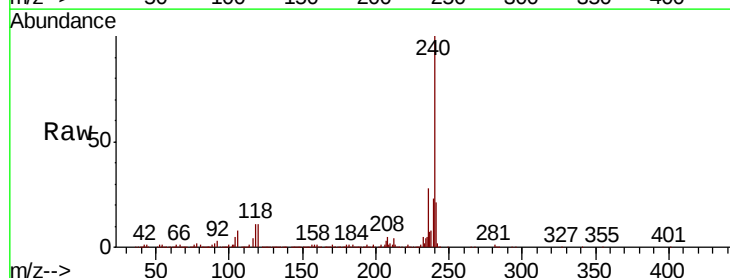
Tgt Ion:240 Resp: 639430

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

236 27.7 22.2 33.2



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

500000

400000

300000

200000

100000

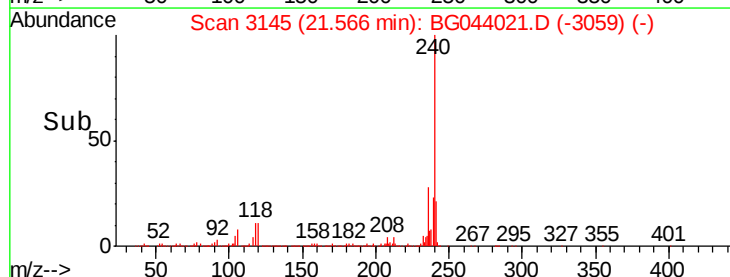
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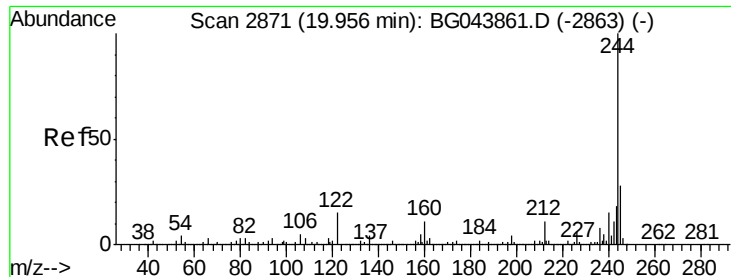
21.57

21.60

21.80

Time-->





#79

Terphenyl-d14

Concen: 95.932 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044021.D

Acq: 13 Jan 2020 20:59

Instrument :

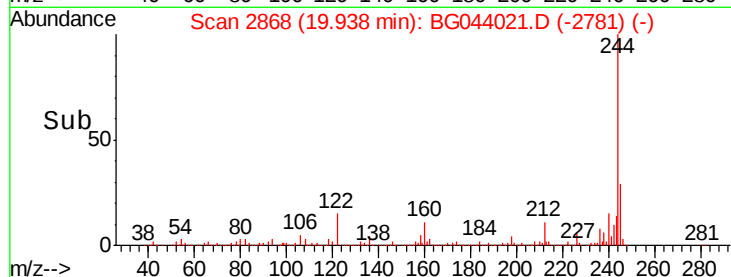
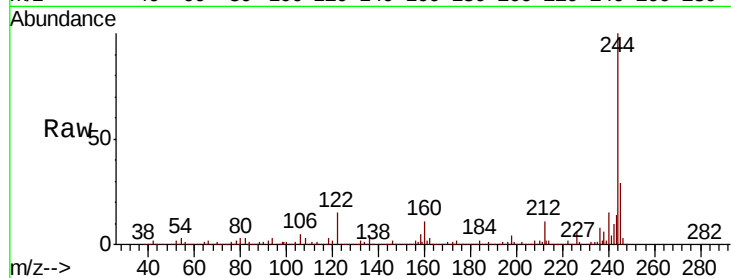
BNA_G

ClientSampleId :

PB126034BL

Tot Ion:244 Resp: 2461330

Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.6	13.0
122	14.6	11.9	17.9

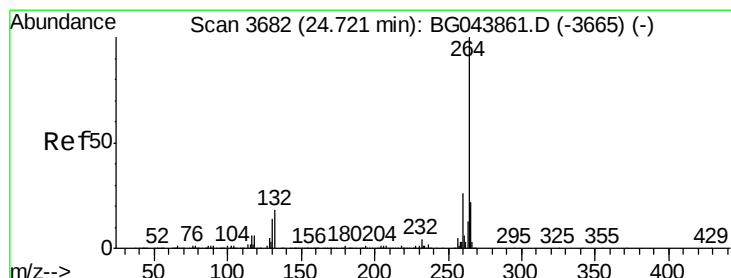
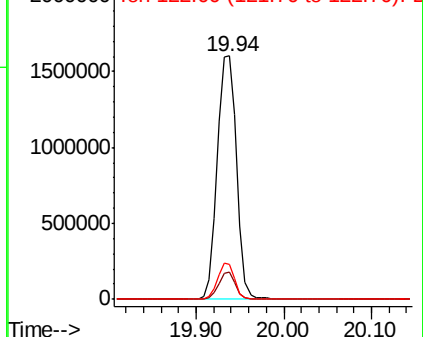


Abundance

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: 24.68 min Scan# 3675

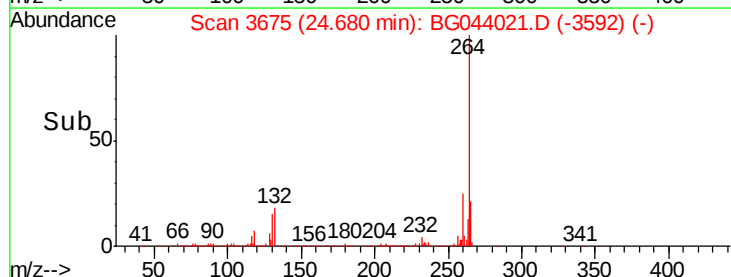
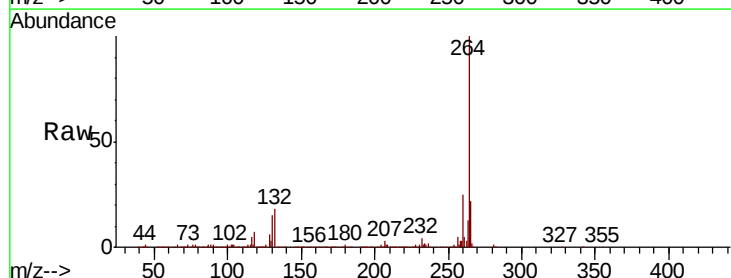
Delta R.T. -0.04 min

Lab File: BG044021.D

Acq: 13 Jan 2020 20:59

Tgt Ion:264 Resp: 700328

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	21.6	17.4	26.2



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

