

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044813.D
 Acq On : 16 Mar 2020 15:00
 Operator : CG/JU
 Sample : PB127398BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127398BL

Quant Time: Mar 16 18:09:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91788	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	365808	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	258362	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	633229	20.00	ng	0.00
76) Chrysene-d12	21.69	240	601648	20.00	ng	0.00
87) Perylene-d12	24.91	264	662110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	768815	130.39	ng	0.00
7) Phenol-d6	7.21	99	1058330	123.54	ng	0.00
23) Nitrobenzene-d5	9.20	82	703750	84.42	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	478075	141.32	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1482076	82.15	ng	0.00
79) Terphenyl-d14	20.04	244	2630153	81.77	ng	0.00

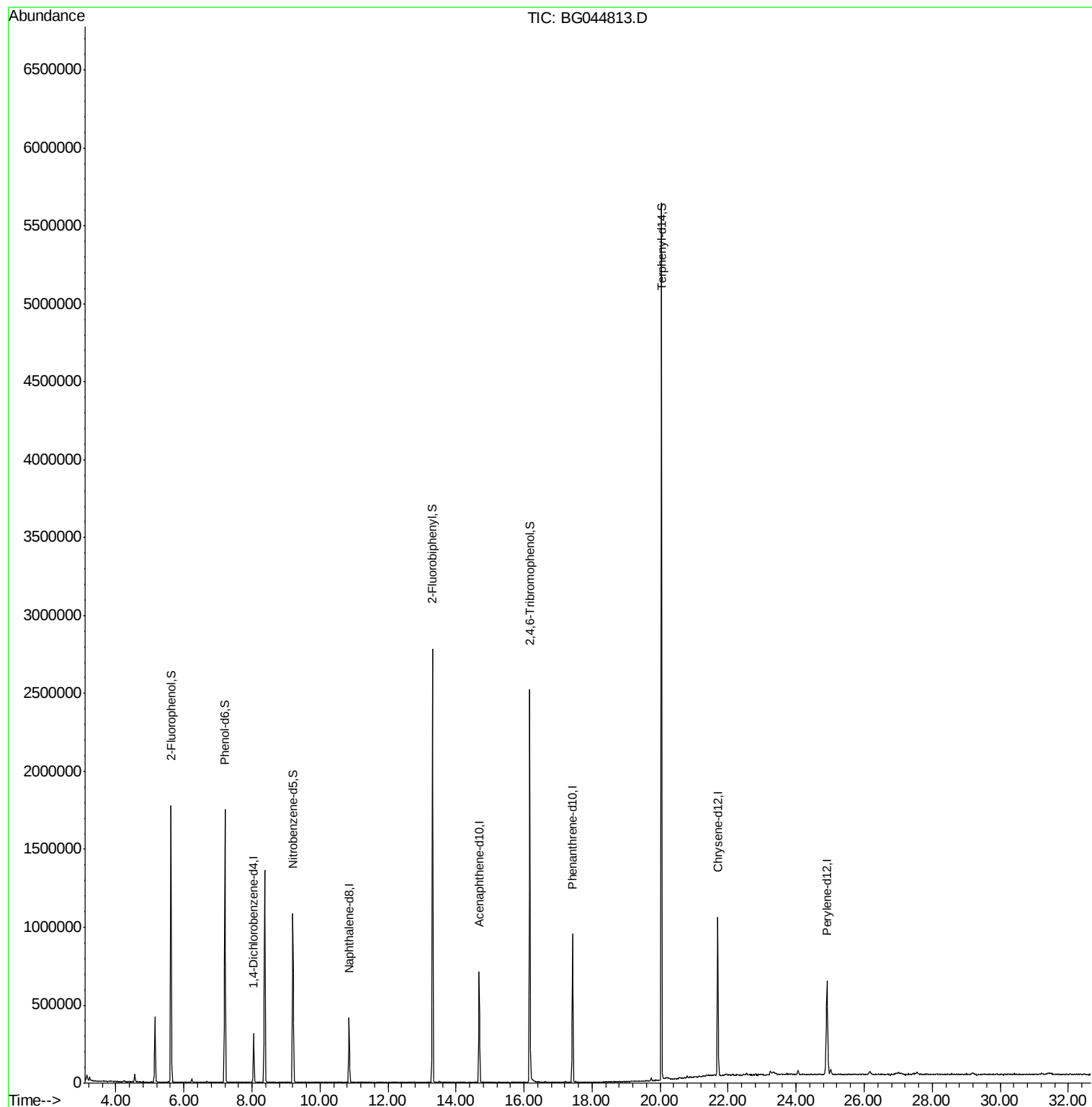
Target Compounds Qvalue

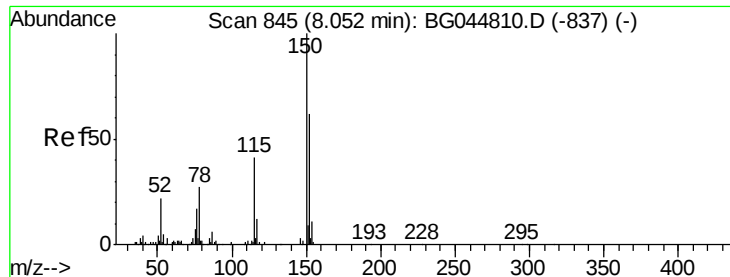
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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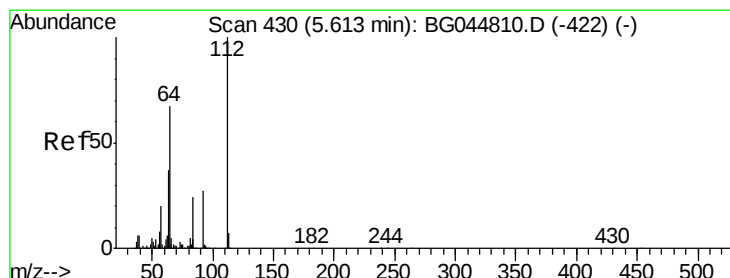
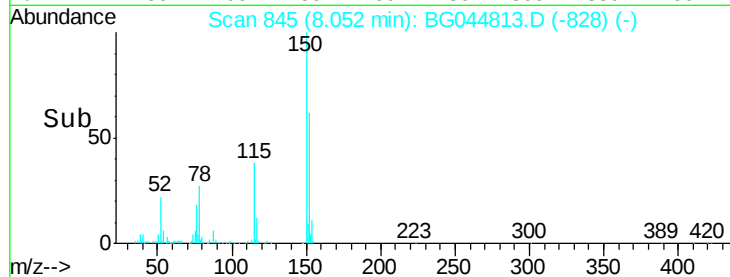
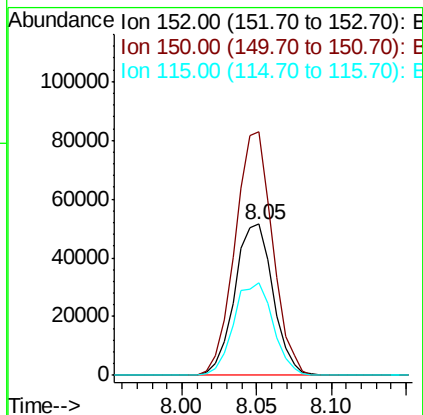
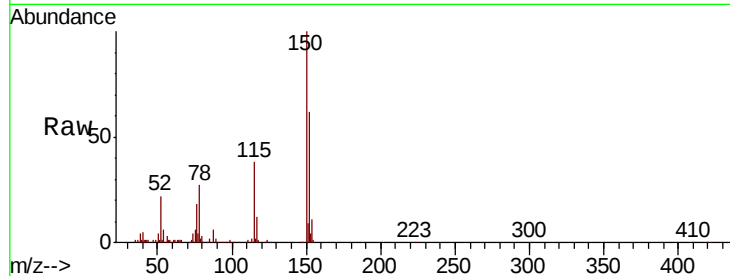


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044813.D
Acq: 16 Mar 2020 15:00

Instrument :
BNA_G
ClientSampleId :
PB127398BL

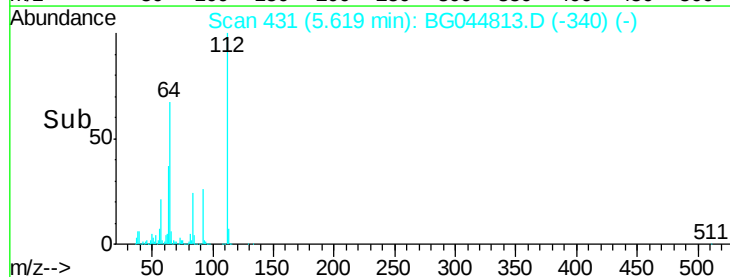
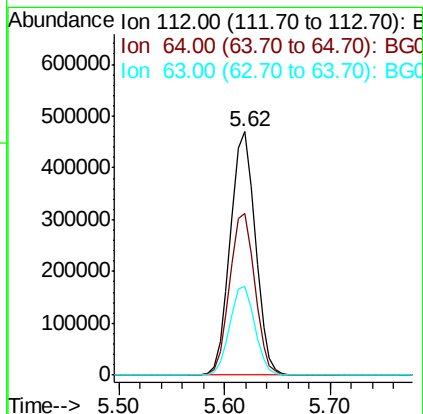
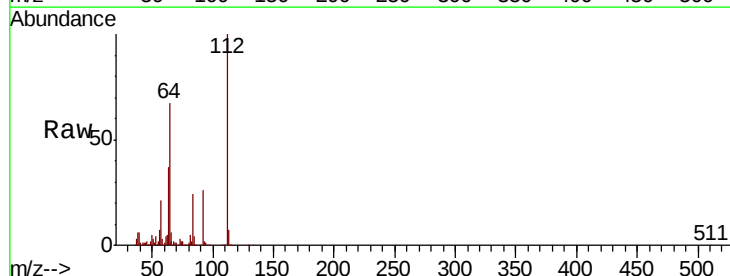
Tot Ion:152 Resp: 91788
Ion Ratio Lower Upper
152 100
150 161.2 128.8 193.2
115 61.1 52.6 79.0

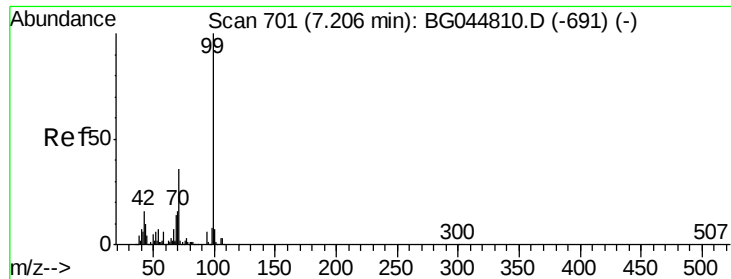


#5

2-Fluorophenol
Concen: 130.388 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044813.D
Acq: 16 Mar 2020 15:00

Tgt Ion:112 Resp: 768815
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 36.7 29.4 44.2





#7

Phenol-d6

Concen: 123.536 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044813.D

Acq: 16 Mar 2020 15:00

Instrument :

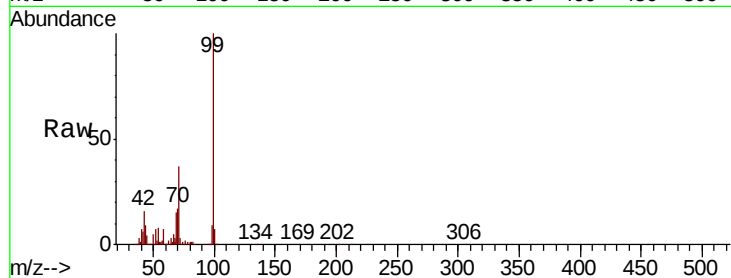
BNA_G

ClientSampleId :

PB127398BL

Tot Ion: 99 Resp: 1058330

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.6	19.0
71	37.1	29.0	43.4



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

800000

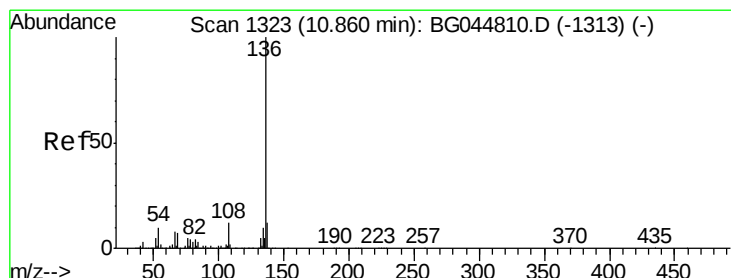
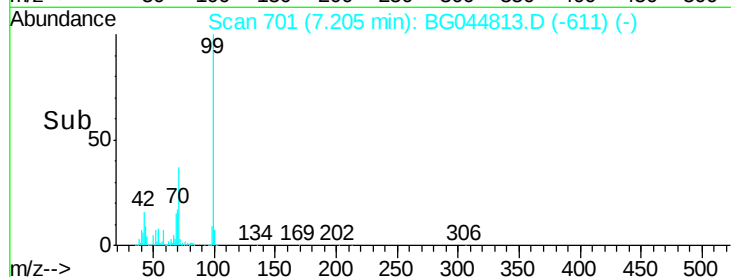
600000

400000

200000

0

7.10 7.20 7.30



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1322

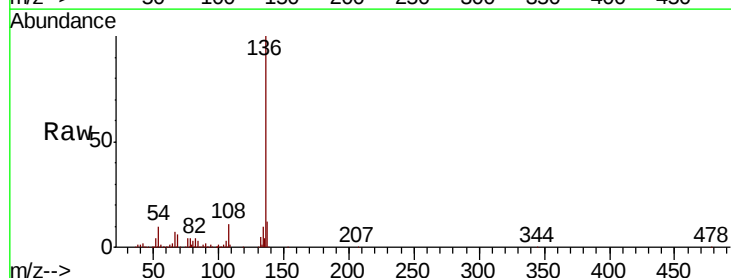
Delta R.T. -0.01 min

Lab File: BG044813.D

Acq: 16 Mar 2020 15:00

Tgt Ion: 136 Resp: 365808

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.6
54	9.8	7.9	11.9
68	5.8	5.4	8.0



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

300000

250000

200000

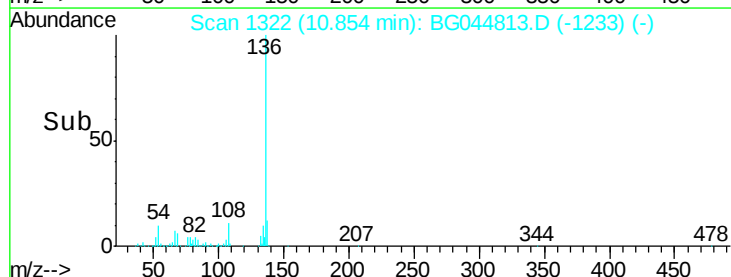
150000

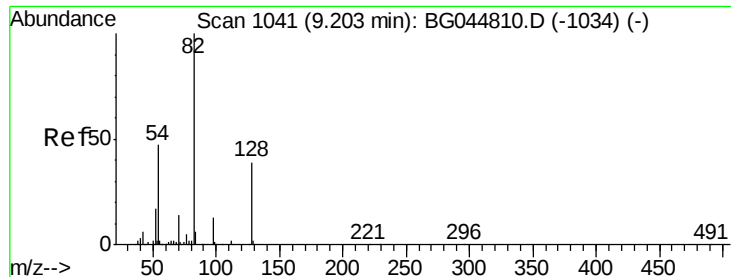
100000

50000

0

10.80 10.90

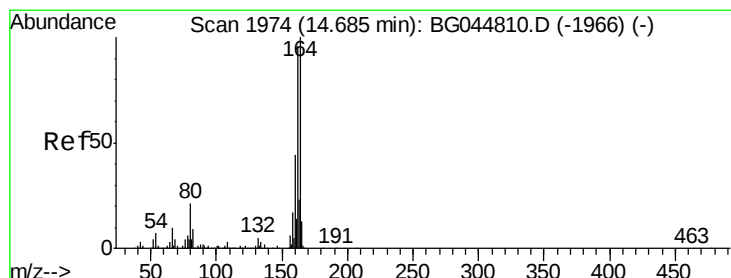
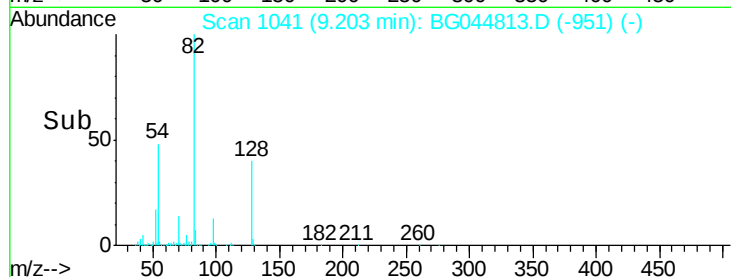
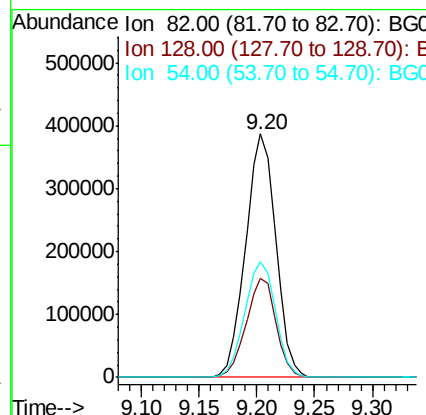
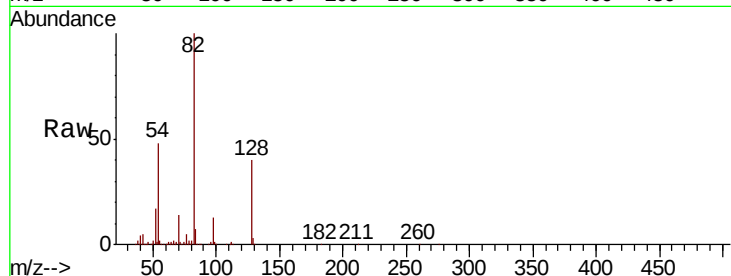




#23
Nitrobenzene-d5
Concen: 84.420 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG044813.D
Acq: 16 Mar 2020 15:00

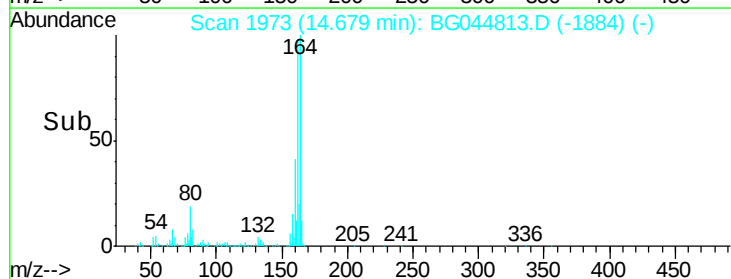
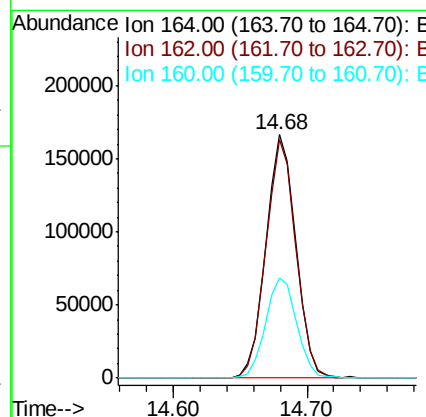
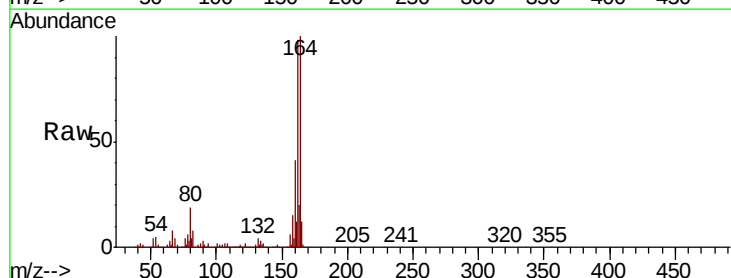
Instrument :
BNA_G
ClientSampleId :
PB127398BL

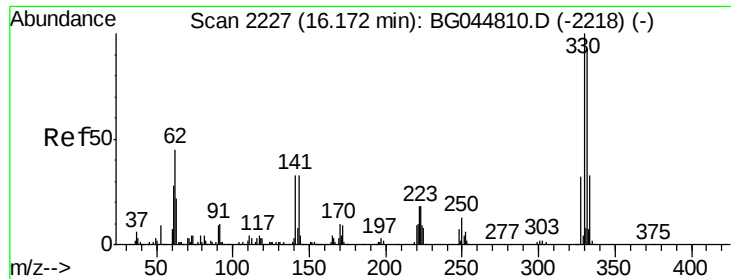
Tot Ion	82.00	Resp	703750
Ion Ratio	Lower	Upper	
82	100		
128	40.5	30.6	46.0
54	47.7	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044813.D
Acq: 16 Mar 2020 15:00

Tgt Ion	164.00	Resp	258362
Ion Ratio	Lower	Upper	
164	100		
162	98.2	76.7	115.1
160	41.2	35.0	52.4

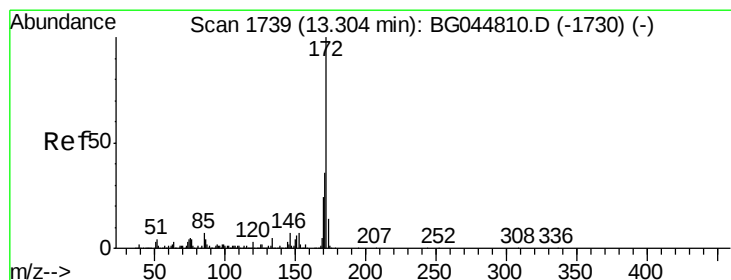
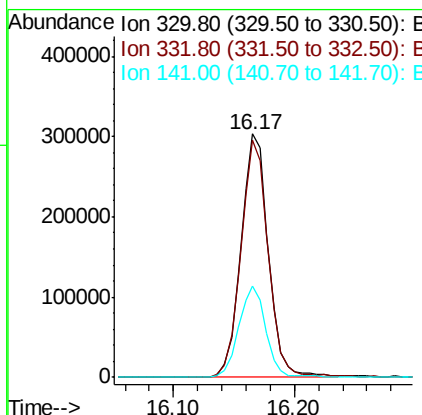
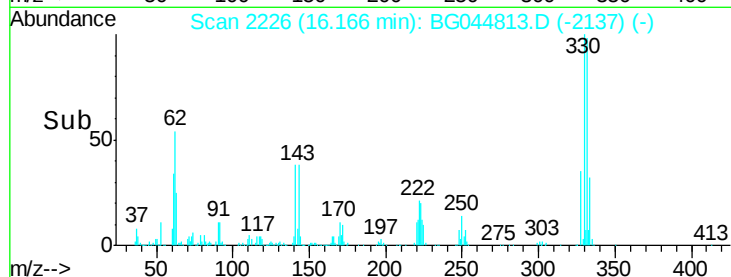
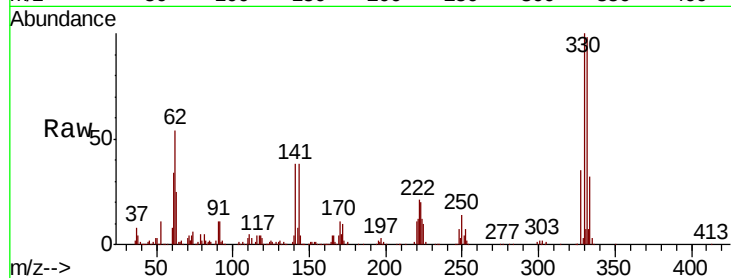




#42
 2,4,6-Tribromophenol
 Concen: 141.323 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG044813.D
 Acq: 16 Mar 2020 15:00

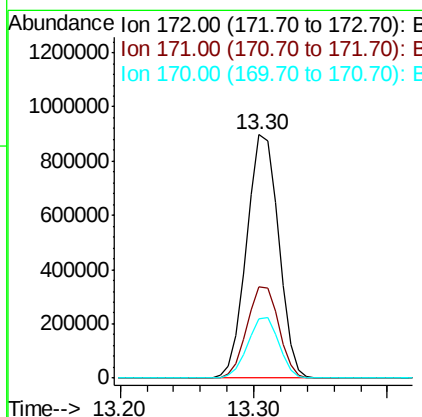
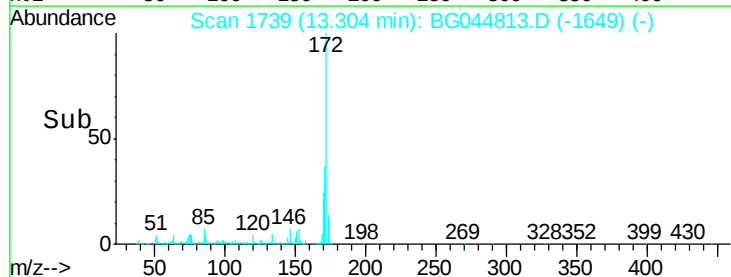
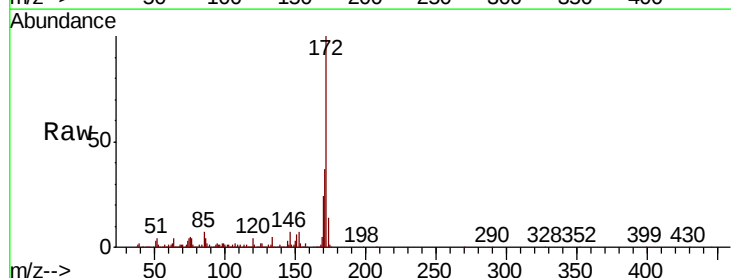
Instrument :
 BNA_G
 ClientSampleId :
 PB127398BL

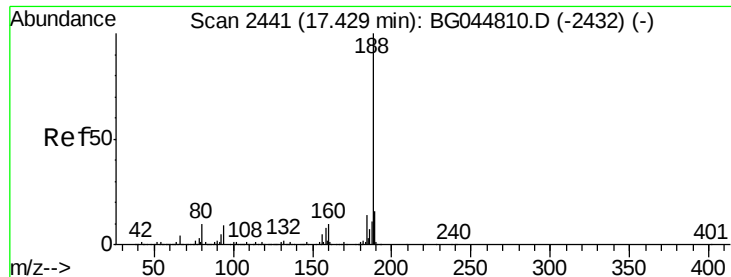
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.8	116.6
141	37.3	29.5	44.3



#45
 2-Fluorobiphenyl
 Concen: 82.148 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG044813.D
 Acq: 16 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.7	43.1
170	24.2	19.0	28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044813.D

Acq: 16 Mar 2020 15:00

Instrument :

BNA_G

ClientSampleId :

PB127398BL

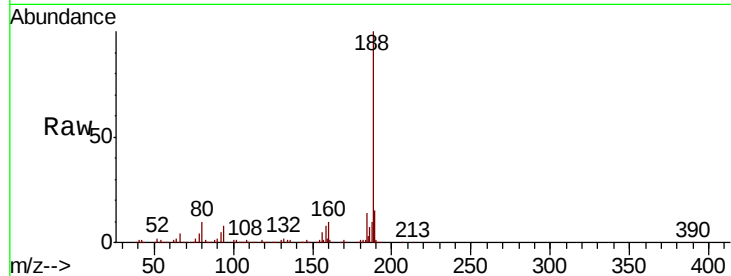
Tot Ion:188 Resp: 633229

Ion Ratio Lower Upper

188 100

94 8.3 7.3 10.9

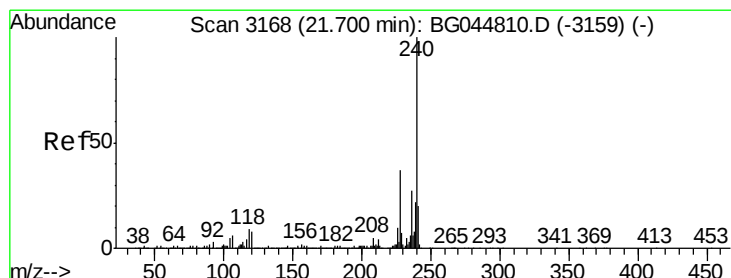
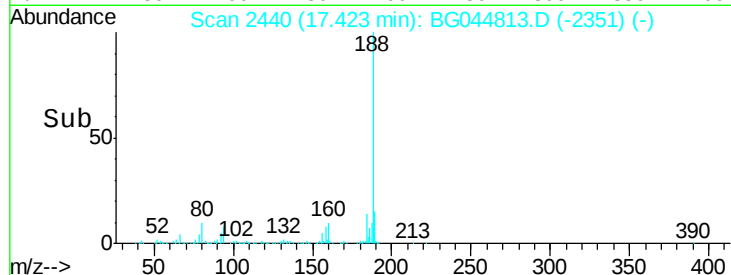
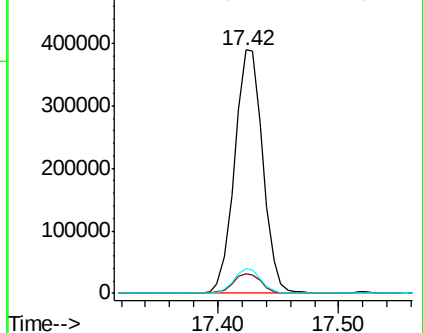
80 10.4 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044813.D

Acq: 16 Mar 2020 15:00

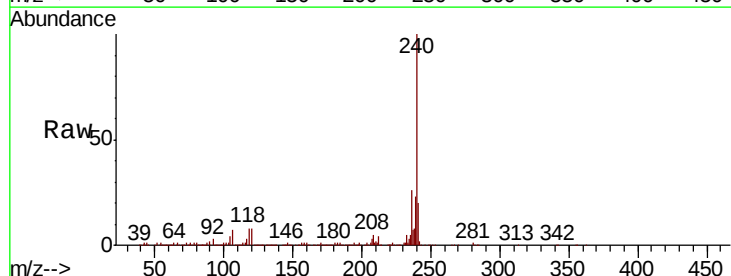
Tgt Ion:240 Resp: 601648

Ion Ratio Lower Upper

240 100

120 7.6 6.7 10.1

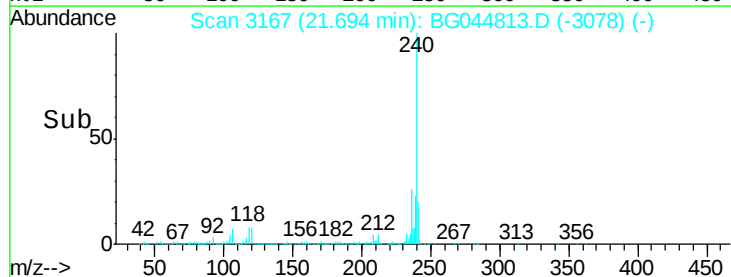
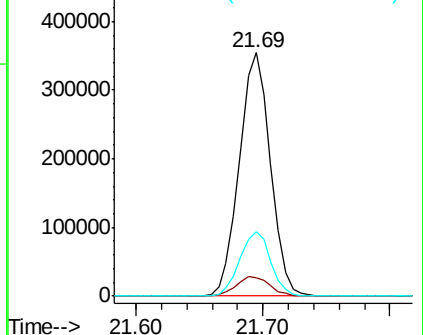
236 26.3 21.5 32.3

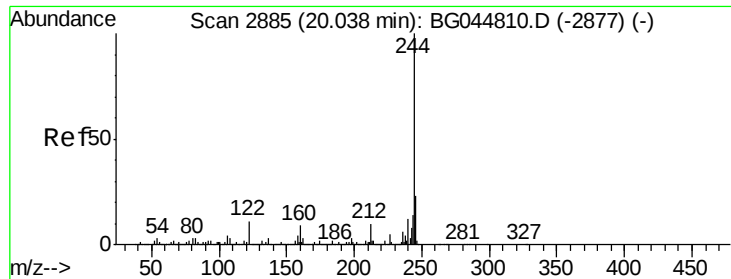


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.773 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG044813.D

Acq: 16 Mar 2020 15:00

Instrument :

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ClientSampleId :

PB127398BL

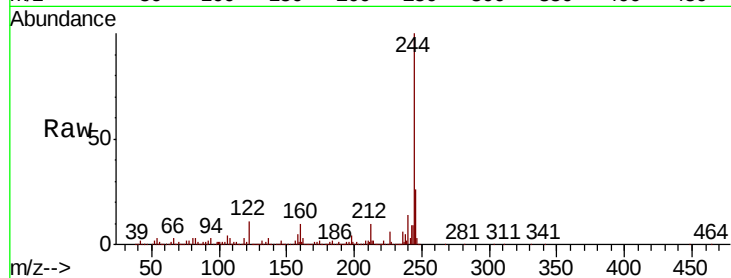
Tot Ion:244 Resp: 2630153

Ion Ratio Lower Upper

244 100

212 10.5 7.7 11.5

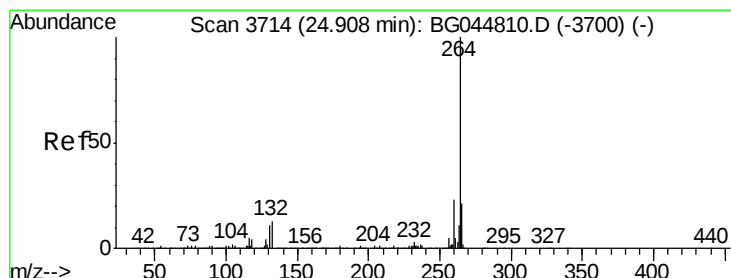
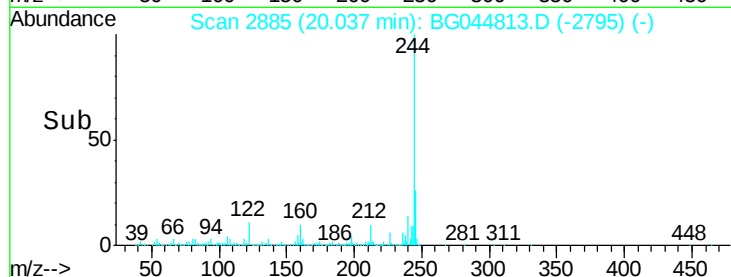
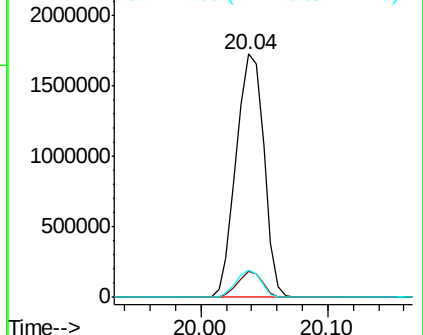
122 11.4 8.6 12.8



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: 24.91 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG044813.D

Acq: 16 Mar 2020 15:00

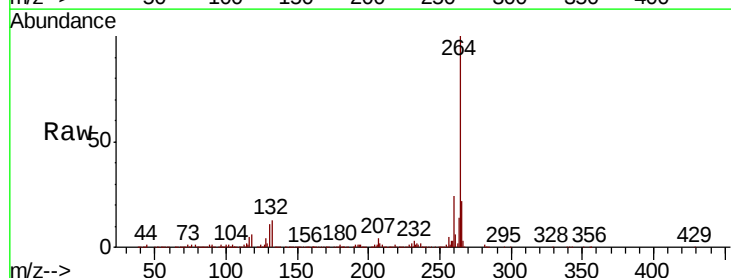
Tgt Ion:264 Resp: 662110

Ion Ratio Lower Upper

264 100

260 24.3 18.1 27.1

265 21.7 17.1 25.7



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

