

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044773.D
 Acq On : 13 Mar 2020 18:55
 Operator : CG/JU
 Sample : PB127481BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127481BL

Quant Time: Mar 13 23:34:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	116785	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	475943	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	331614	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	699586	20.00	ng	0.00
76) Chrysene-d12	21.70	240	550629	20.00	ng	-0.01
87) Perylene-d12	24.92	264	625715	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	829797	110.61	ng	0.00
7) Phenol-d6	7.21	99	1179915	108.25	ng	0.00
23) Nitrobenzene-d5	9.21	82	803532	74.08	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	492268	113.37	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1669800	72.11	ng	0.00
79) Terphenyl-d14	20.05	244	2279517	77.44	ng	0.00

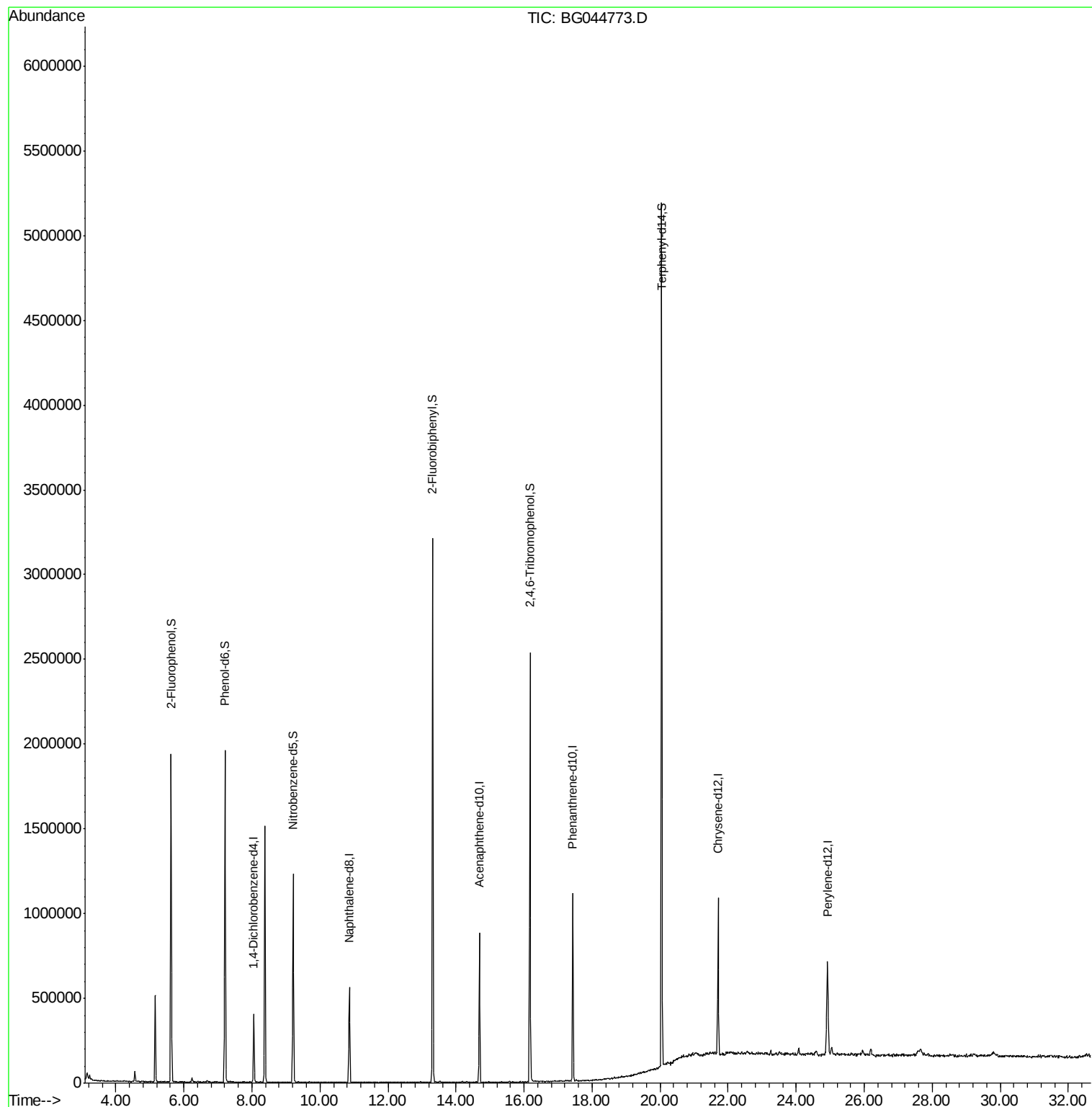
Target Compounds Qvalue

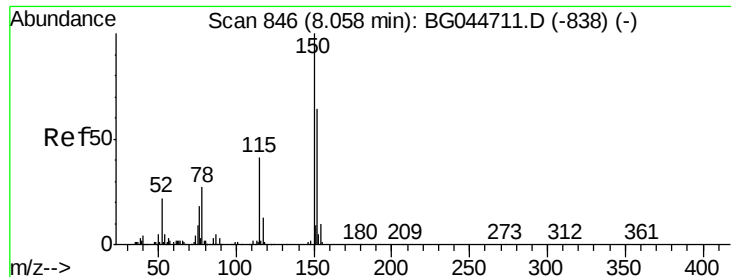
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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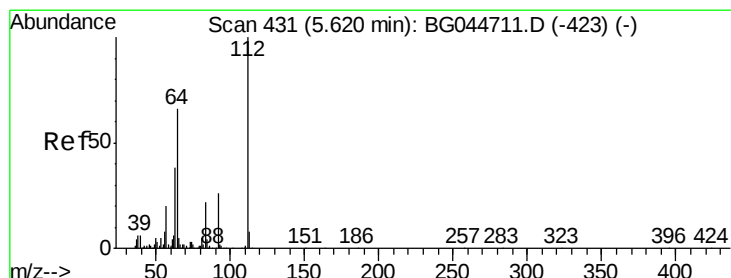
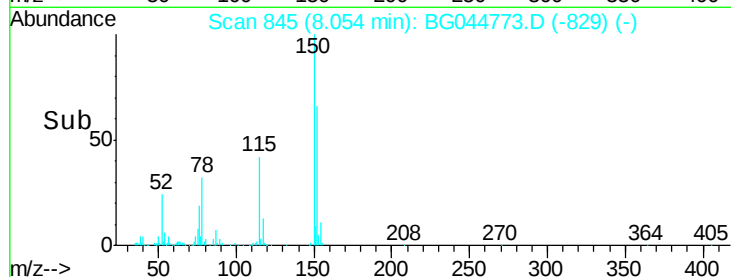
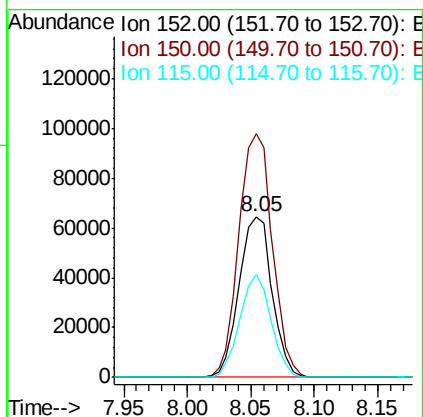
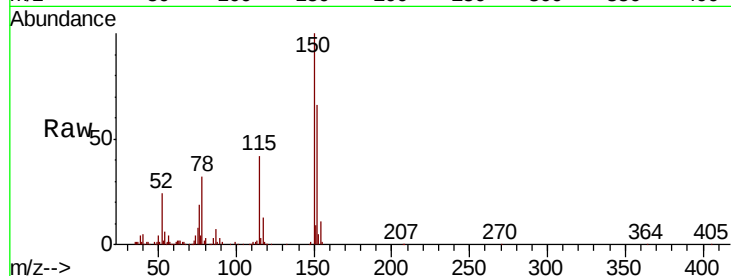


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044773.D
Acq: 13 Mar 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB127481BL

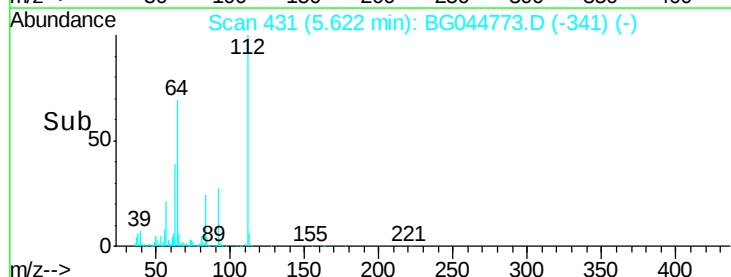
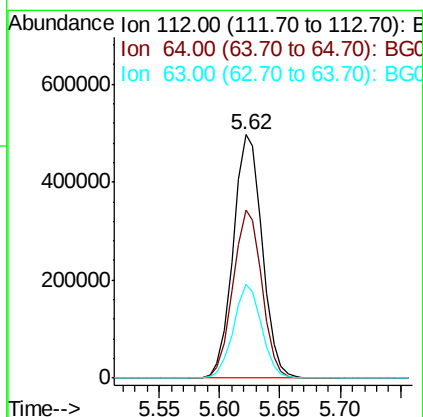
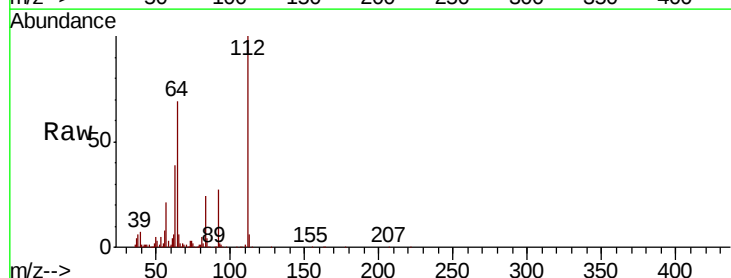
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	125.3	187.9
115	63.7	51.7	77.5

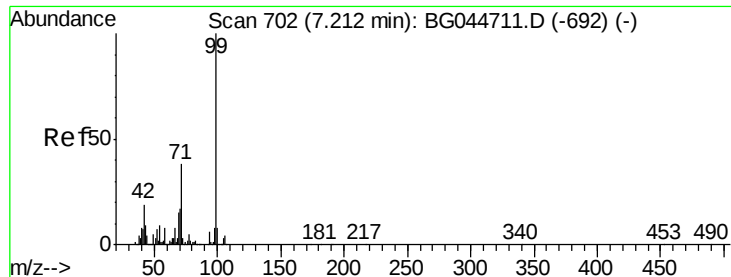


#5

2-Fluorophenol
Concen: 110.608 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044773.D
Acq: 13 Mar 2020 18:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	52.6	78.8
63	38.7	30.2	45.4





#7

Phenol-d6

Concen: 108.248 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044773.D

Acq: 13 Mar 2020 18:55

Instrument :

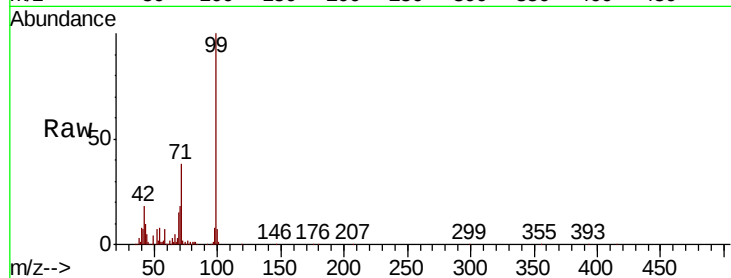
BNA_G

ClientSampleId :

PB127481BL

Tot Ion: 99 Resp: 1179915

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.4	23.0
71	38.3	30.2	45.4

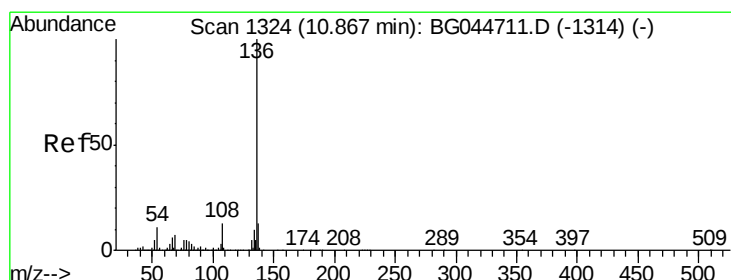
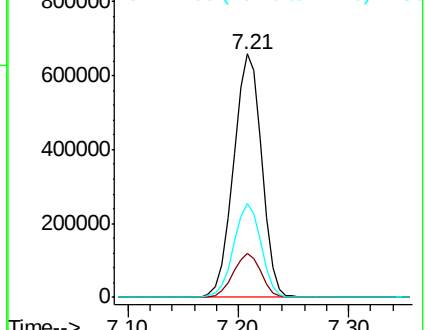
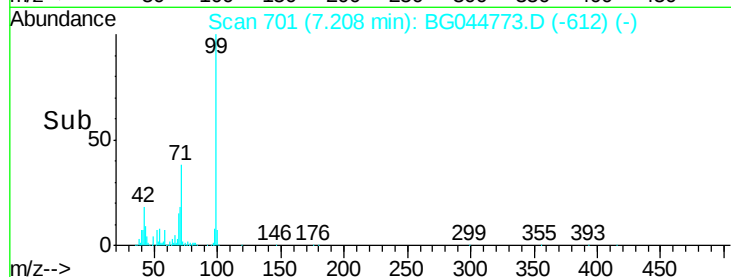


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

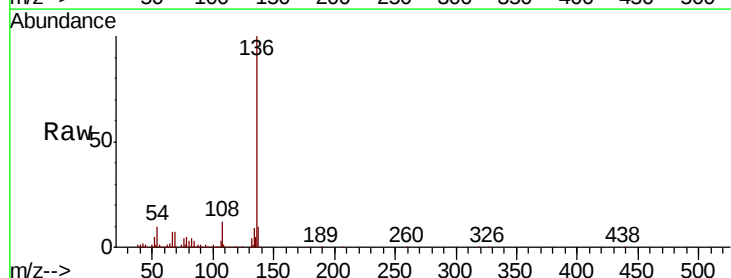
Delta R.T. -0.00 min

Lab File: BG044773.D

Acq: 13 Mar 2020 18:55

Tgt Ion: 136 Resp: 475943

Ion	Ratio	Lower	Upper
136	100		
137	10.4	10.7	16.1#
54	9.8	9.0	13.4
68	6.8	5.9	8.9



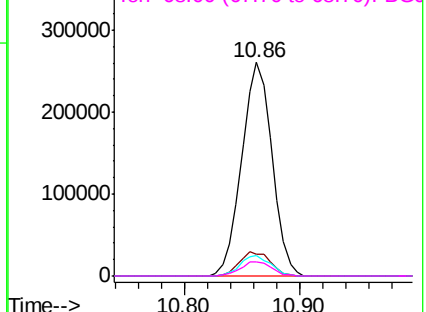
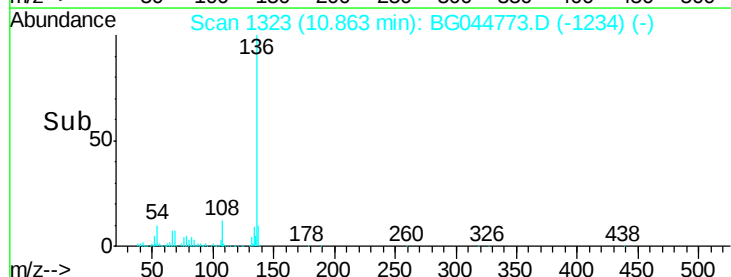
Abundance

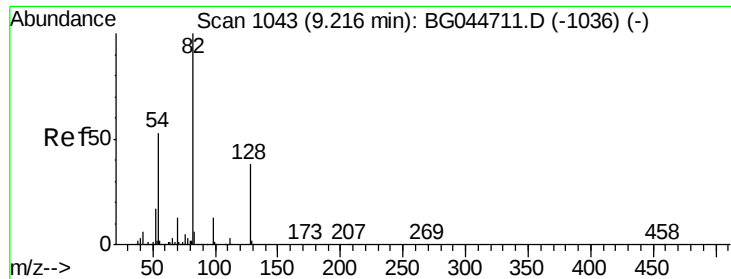
Ion 136.00 (135.70 to 136.70): BGC

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

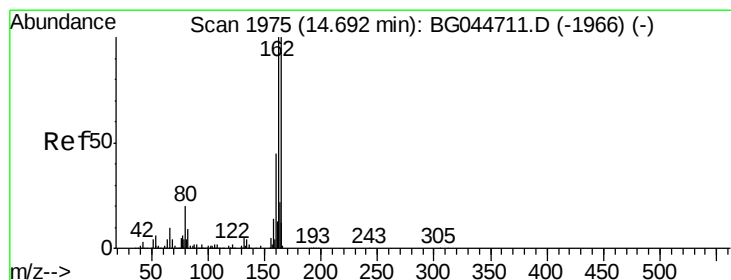
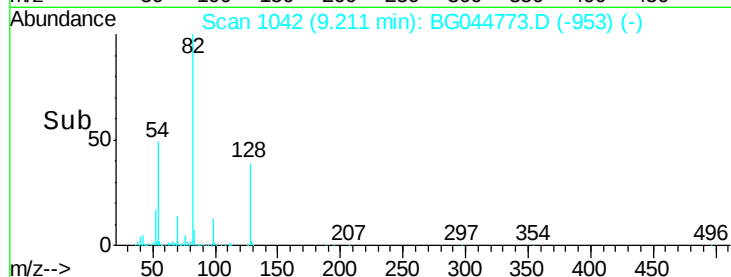
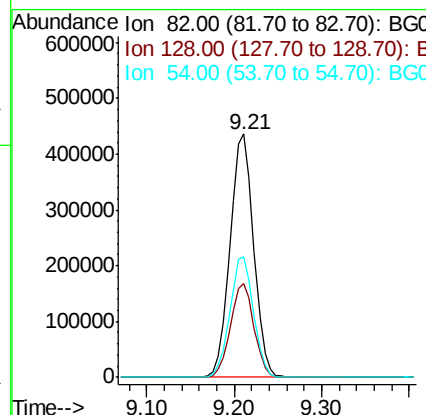
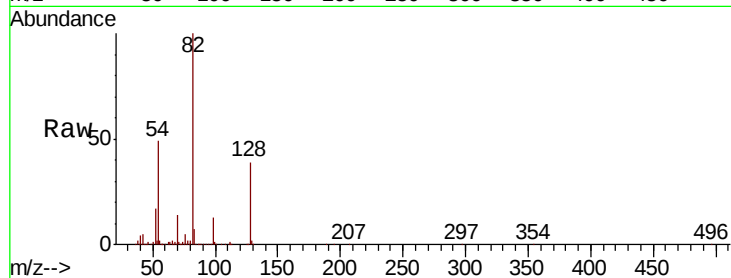




#23
 Nitrobenzene-d5
 Concen: 74.085 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044773.D
 Acq: 13 Mar 2020 18:55

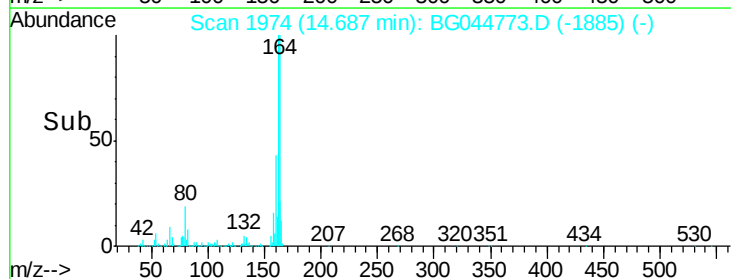
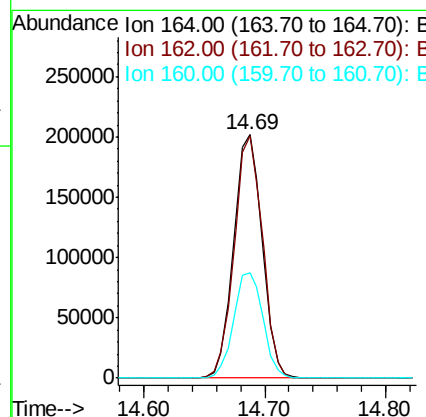
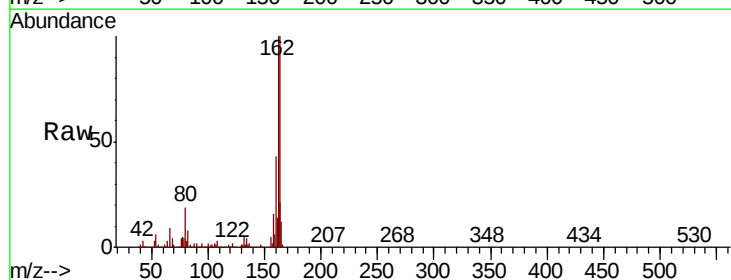
Instrument :
 BNA_G
 ClientSampleId :
 PB127481BL

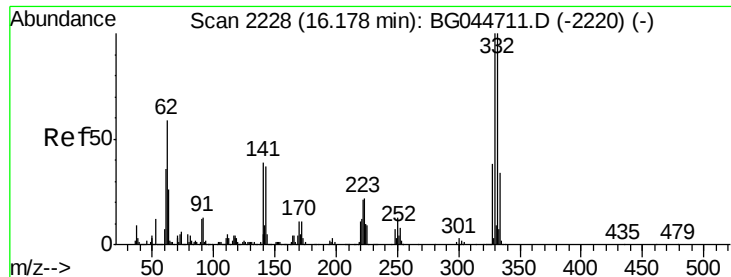
Tot Ion	82	Resp	803532
Ion Ratio	Lower	Upper	
82	100		
128	38.6	30.2	45.2
54	49.4	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG044773.D
 Acq: 13 Mar 2020 18:55

Tgt Ion	164	Resp	331614
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
164	100		
162	99.7	80.2	120.4
160	43.1	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 113.374 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044773.D

Acq: 13 Mar 2020 18:55

Instrument :

BNA_G

ClientSampleId :

PB127481BL

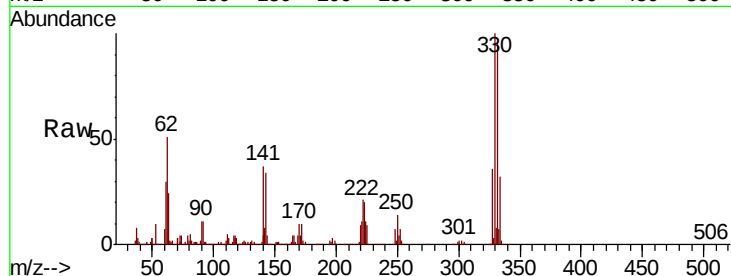
Tot Ion:330 Resp: 492268

Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

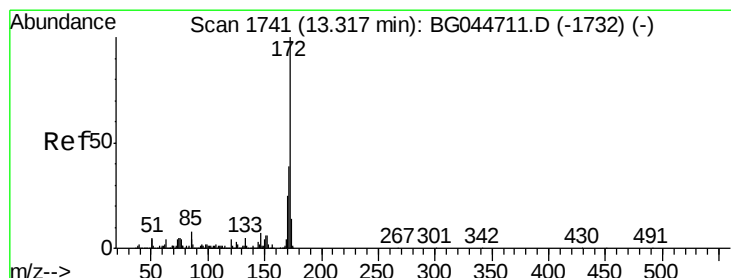
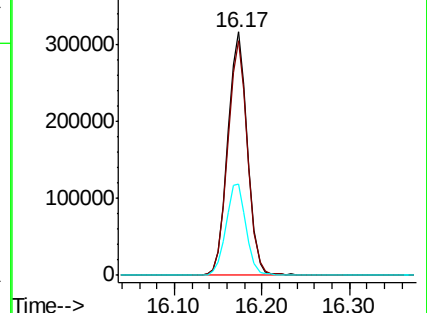
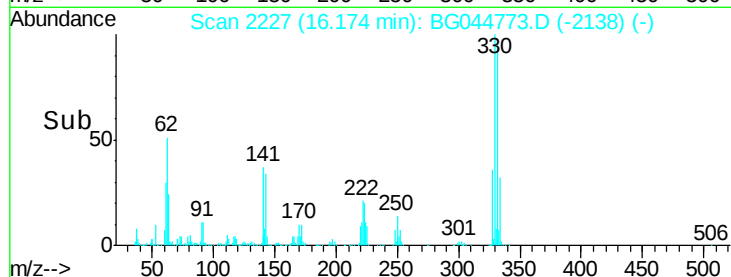
141 38.4 31.7 47.5



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: 72.108 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044773.D

Acq: 13 Mar 2020 18:55

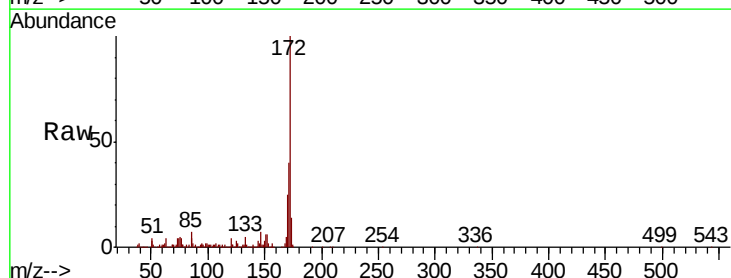
Tgt Ion:172 Resp: 1669800

Ion Ratio Lower Upper

172 100

171 39.7 30.8 46.2

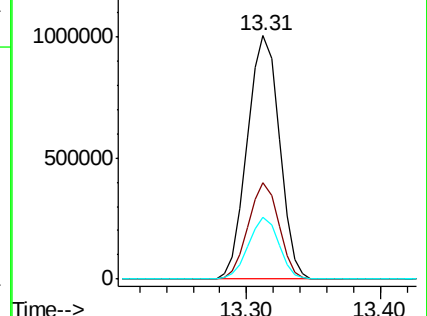
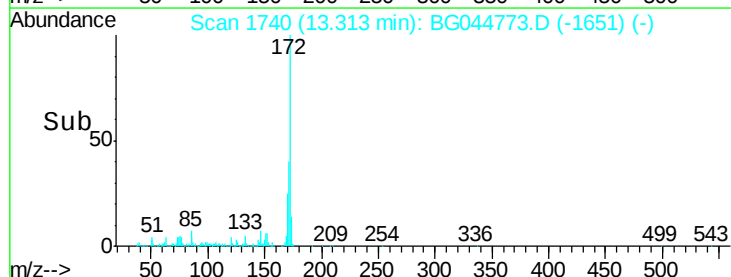
170 25.3 20.0 30.0

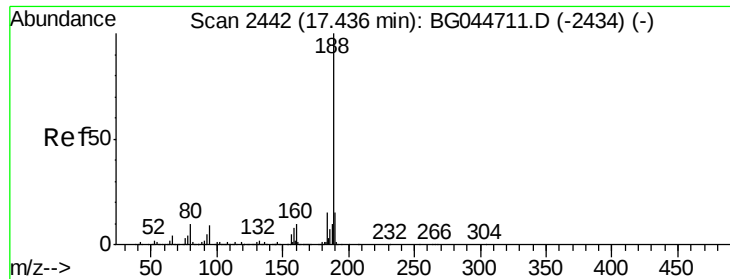


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044773.D

Acq: 13 Mar 2020 18:55

Instrument :

BNA_G

ClientSampleId :

PB127481BL

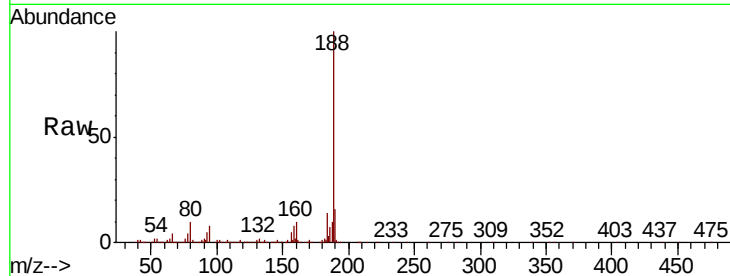
Tot Ion:188 Resp: 699586

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

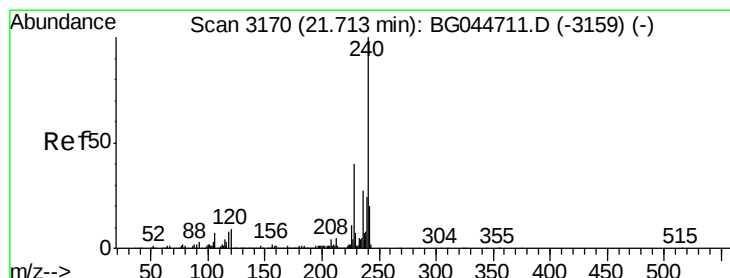
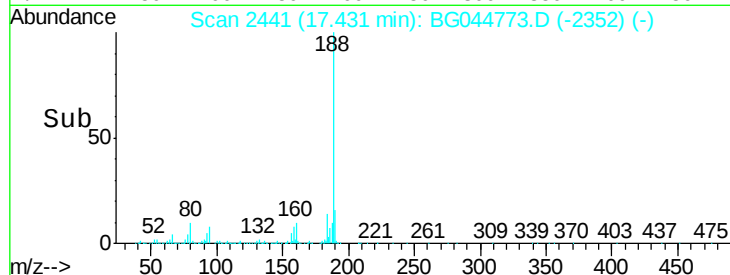
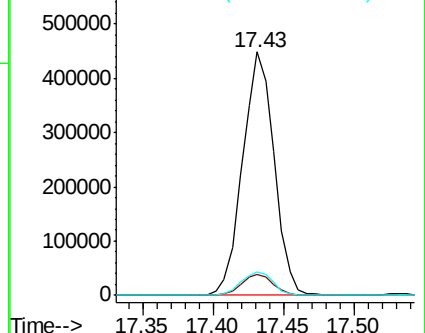
80 9.7 8.4 12.6



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044773.D

Acq: 13 Mar 2020 18:55

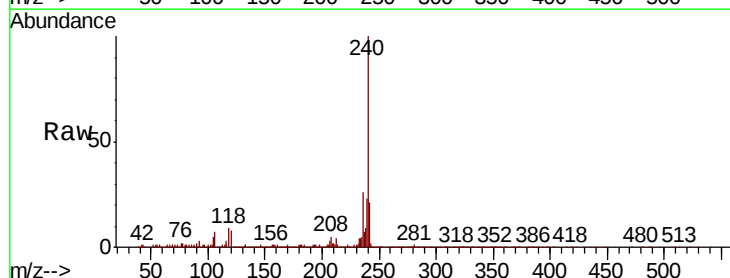
Tgt Ion:240 Resp: 550629

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

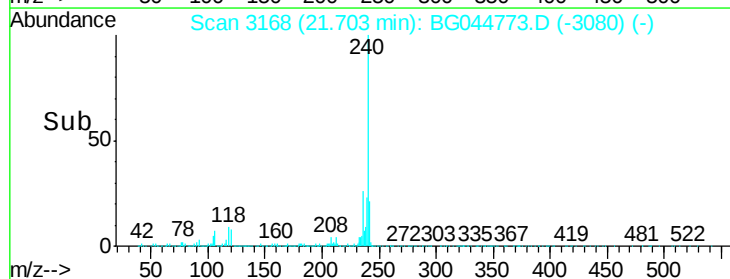
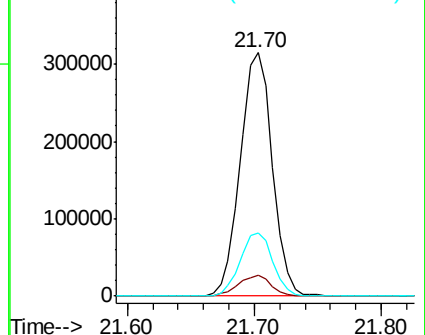
236 26.1 21.9 32.9

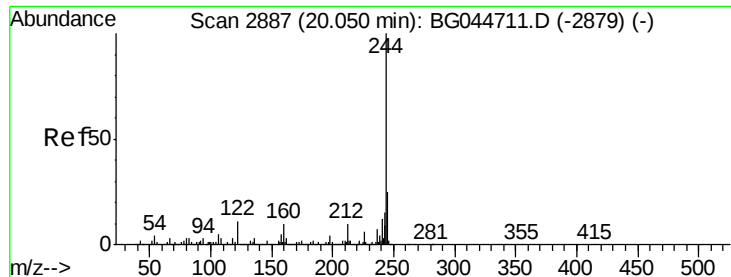


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.438 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044773.D

Acq: 13 Mar 2020 18:55

Instrument :

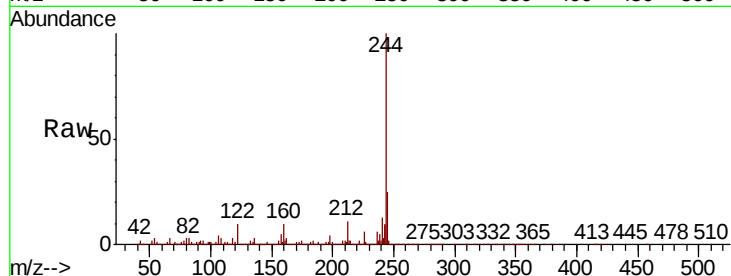
BNA_G

ClientSampleId :

PB127481BL

Tot Ion:244 Resp: 2279517

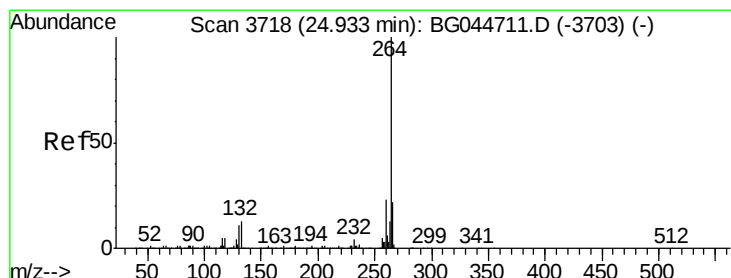
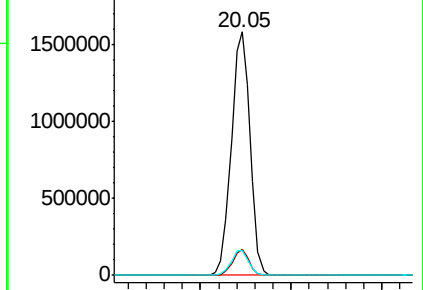
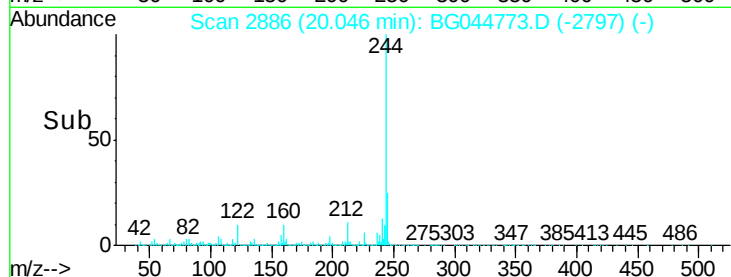
Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.4	12.6
122	10.4	8.7	13.1



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: 24.92 min Scan# 3716

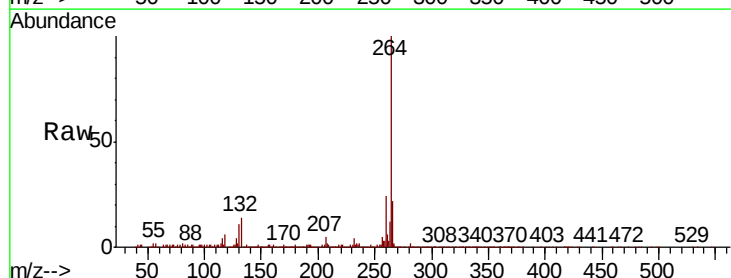
Delta R.T. -0.01 min

Lab File: BG044773.D

Acq: 13 Mar 2020 18:55

Tgt Ion:264 Resp: 625715

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
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

