

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044141.D
 Acq On : 21 Jan 2020 19:57
 Operator : JU
 Sample : L1211-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-0-15

Quant Time: Jan 22 07:18:43 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

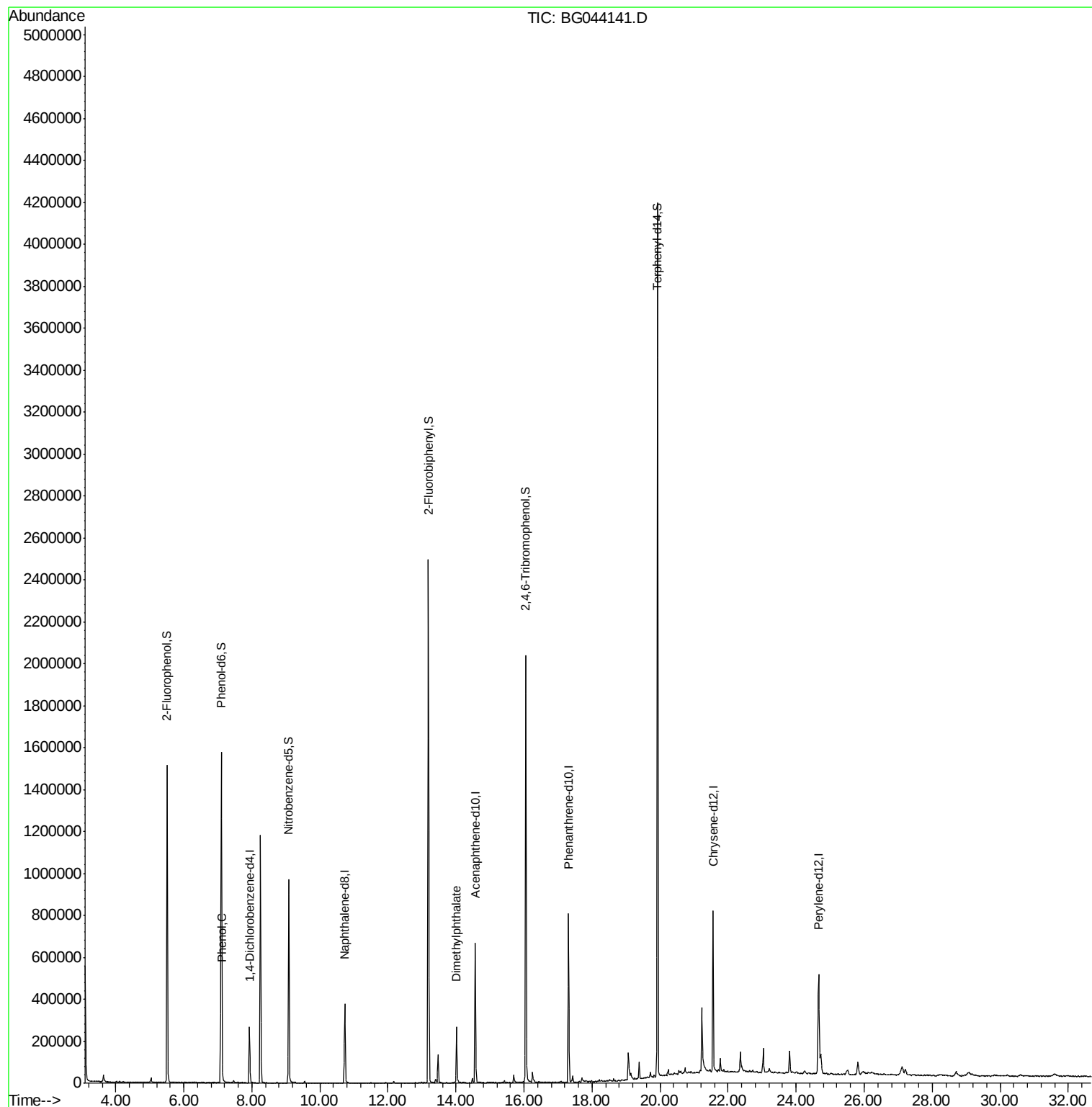
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	80571	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	352141	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	241577	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	508052	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	430047	20.00	ng	-0.03
87) Perylene-d12	24.66	264	479191	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	736787	167.91	ng	-0.03
7) Phenol-d6	7.10	99	1000521	163.12	ng	-0.02
23) Nitrobenzene-d5	9.08	82	620903	94.33	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	390440	154.44	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1367039	102.52	ng	-0.03
79) Terphenyl-d14	19.92	244	1852008	112.62	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	27204	4.305	ng	89
50) Dimethylphthalate	14.02	163	210348	12.263	ng	98

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

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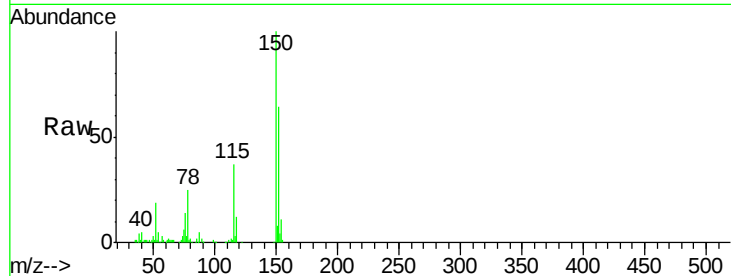


#1

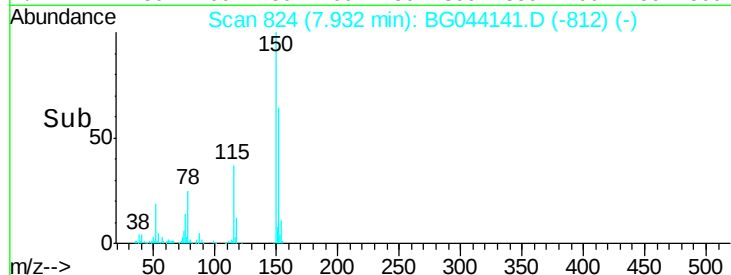
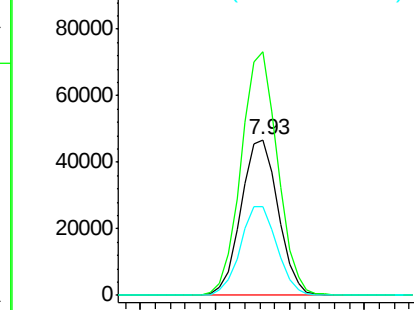
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Instrument :
BNA_G
ClientSampleId :
B1-0-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.0	190.4
115	57.2	47.8	71.8



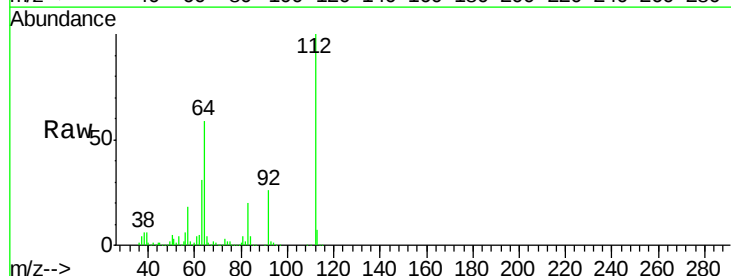
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



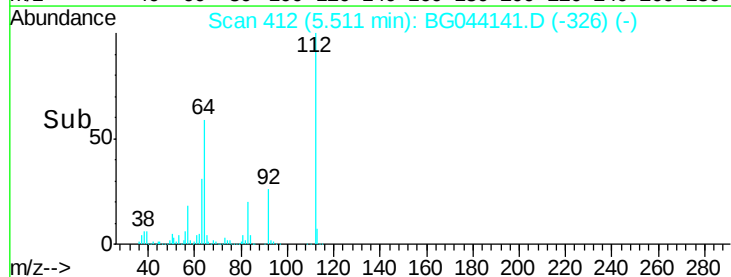
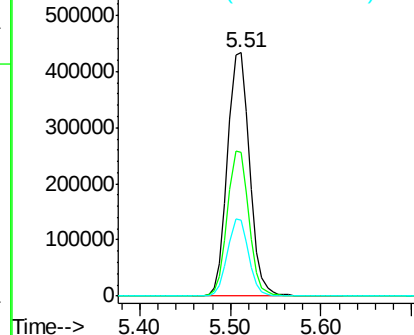
#5

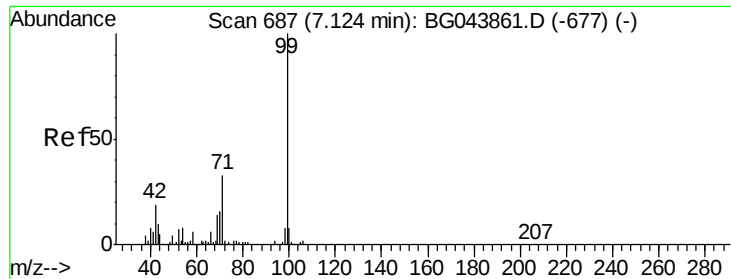
2-Fluorophenol
Concen: 167.905 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.8	71.6
63	30.9	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 163.116 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044141.D

Acq: 21 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

B1-0-15

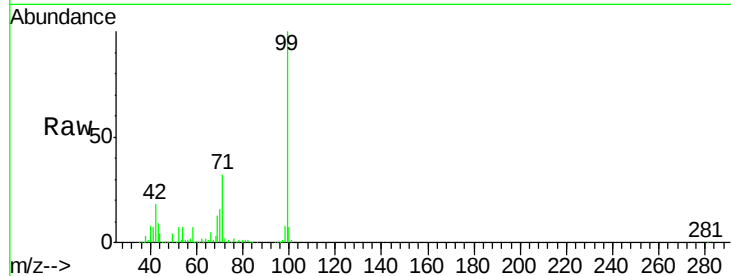
Tot Ion: 99 Resp: 1000521

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.9	22.3
71	32.1	26.4	39.6

99 100

42 17.8 14.9 22.3

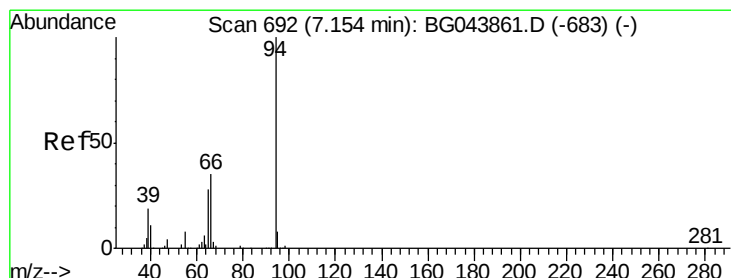
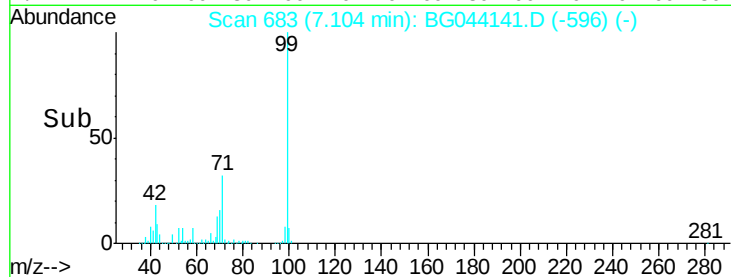
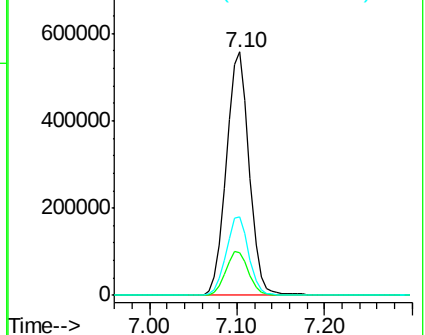
71 32.1 26.4 39.6



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



#10

Phenol

Concen: 4.305 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044141.D

Acq: 21 Jan 2020 19:57

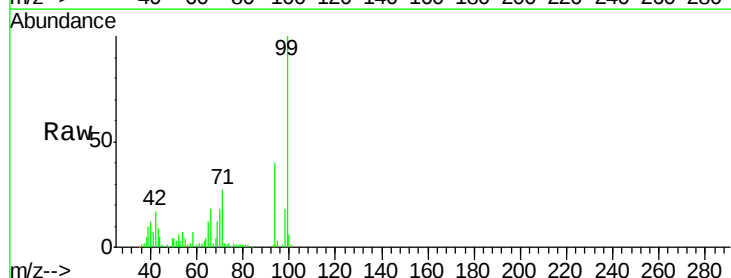
Tgt Ion: 94 Resp: 27204

Ion	Ratio	Lower	Upper
94	100		
65	30.4	8.1	48.1
66	44.7	15.6	55.6

94 100

65 30.4 8.1 48.1

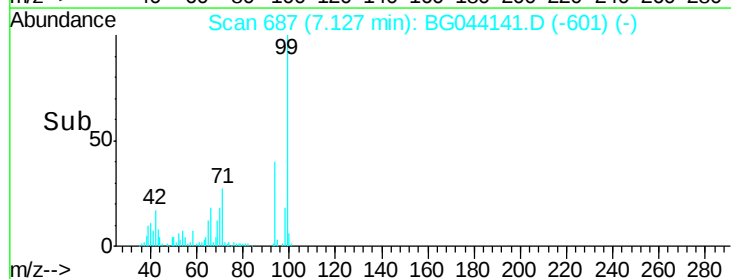
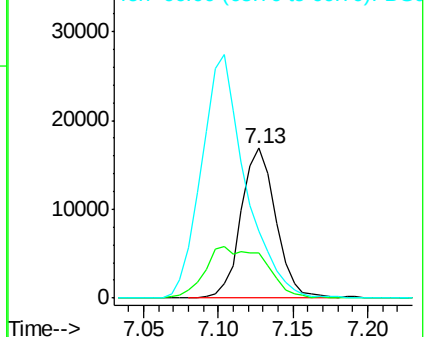
66 44.7 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

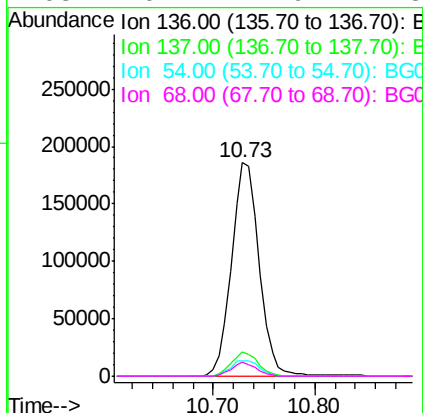
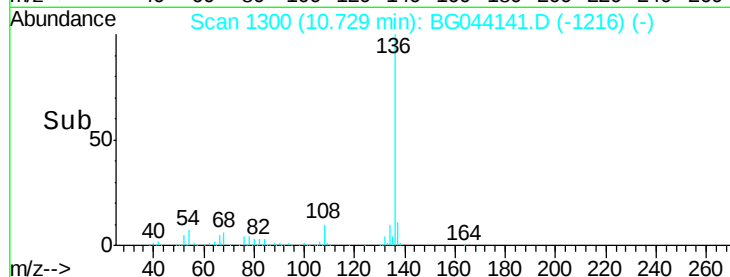
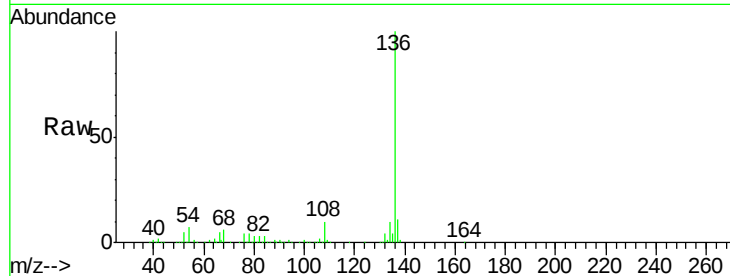




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

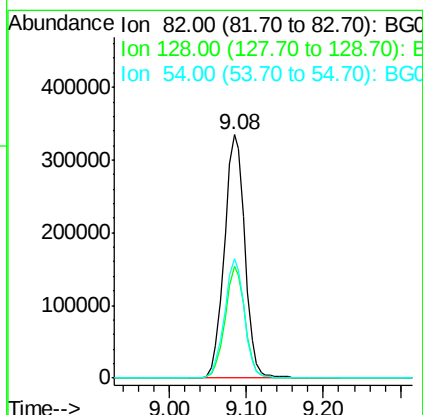
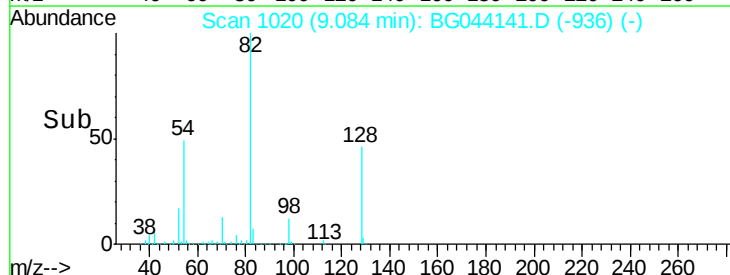
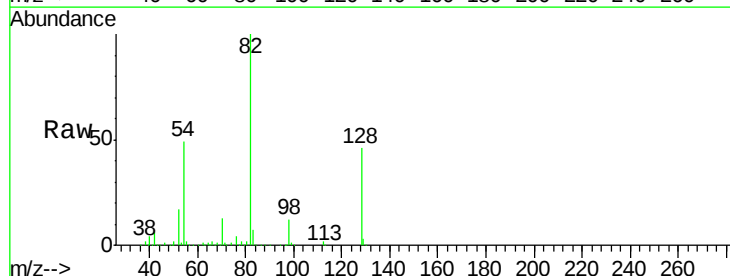
Instrument :
BNA_G
ClientSampleId :
B1-0-15

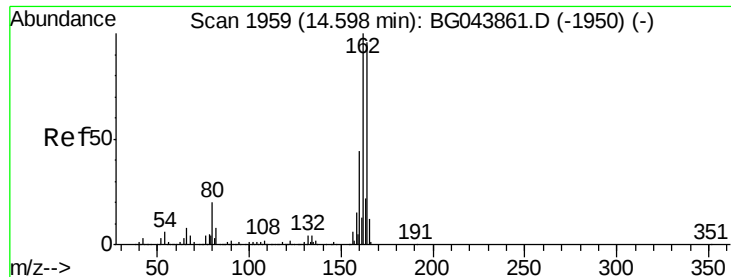
Tot Ion:136	Resp:	352141
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.4	7.0	10.4
68 6.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 94.325 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044141.D
Acq: 21 Jan 2020 19:57

Tgt	Ion: 82	Resp:	620903
Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.1	52.7
54	49.1	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044141.D

Acq: 21 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

B1-0-15

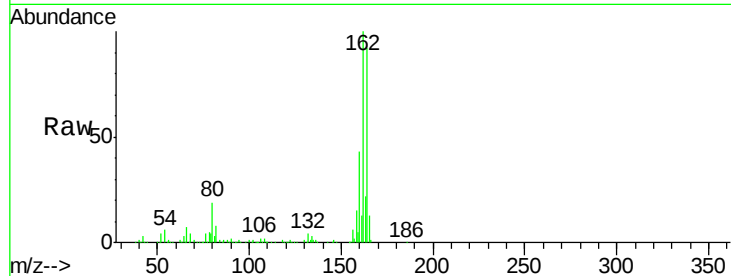
Tot Ion:164 Resp: 241577

Ion Ratio Lower Upper

164 100

162 108.7 83.0 124.4

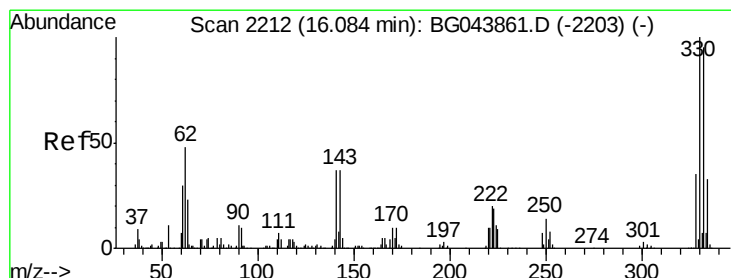
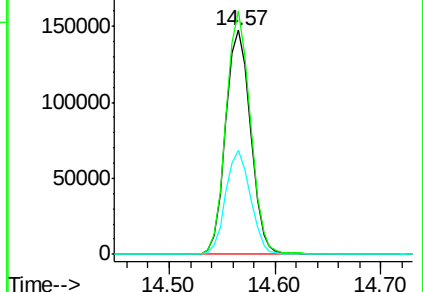
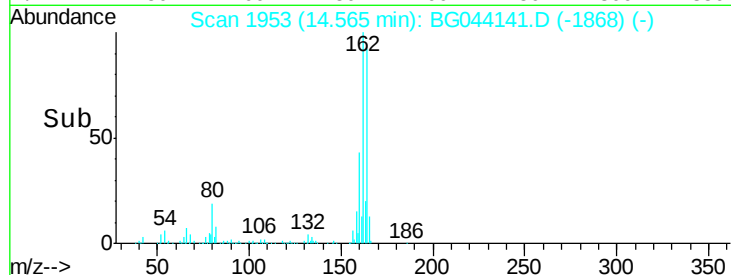
160 46.8 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 154.443 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044141.D

Acq: 21 Jan 2020 19:57

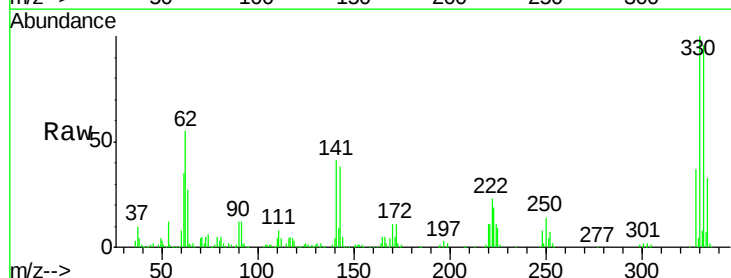
Tgt Ion:330 Resp: 390440

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

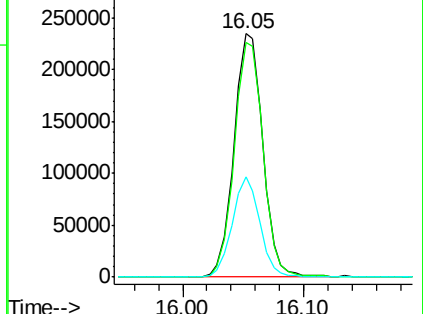
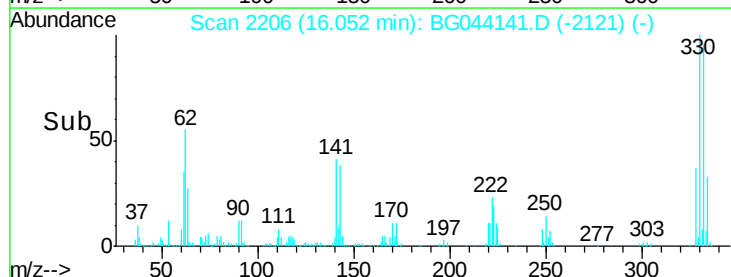
141 39.4 33.1 49.7



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

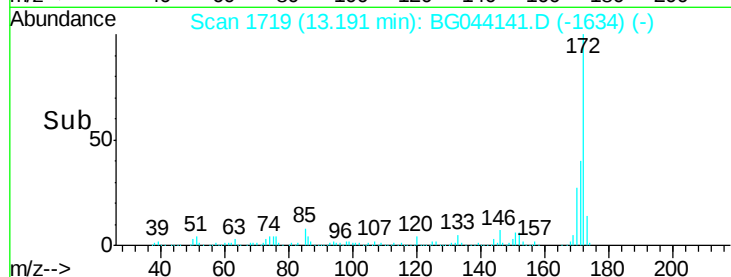
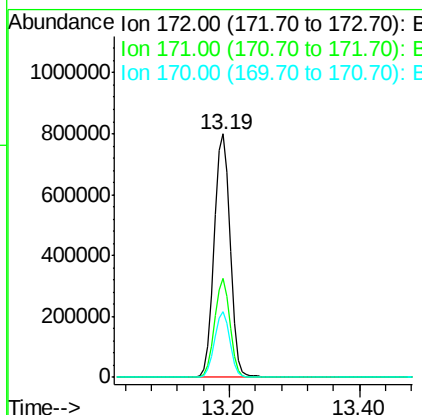
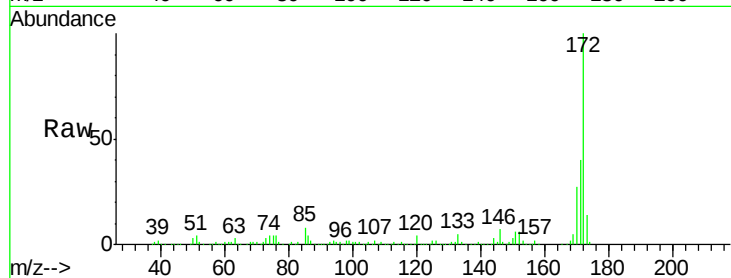




#45
 2-Fluorobiphenyl
 Concen: 102.525 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044141.D
 Acq: 21 Jan 2020 19:57

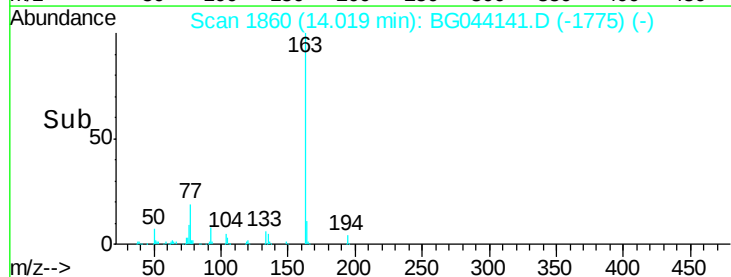
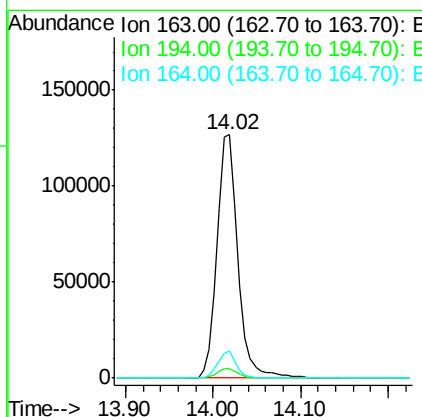
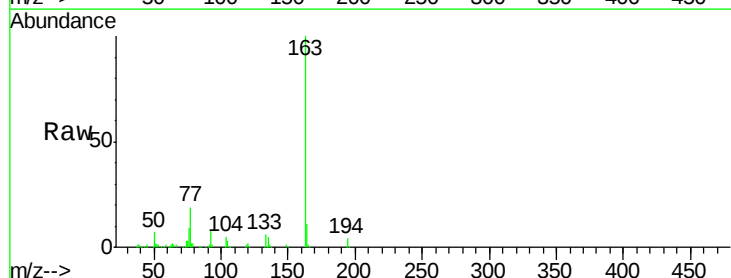
Instrument :
 BNA_G
 ClientSampleId :
 B1-0-15

Tot Ion:172 Resp: 1367039
 Ion Ratio Lower Upper
 172 100
 171 40.4 35.8 53.8
 170 26.8 24.2 36.4



#50
 Dimethylphthalate
 Concen: 12.263 ng
 RT: 14.02 min Scan# 1860
 Delta R.T. -0.03 min
 Lab File: BG044141.D
 Acq: 21 Jan 2020 19:57

Tgt Ion:163 Resp: 210348
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.7 5.5
 164 11.0 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044141.D

Acq: 21 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

B1-0-15

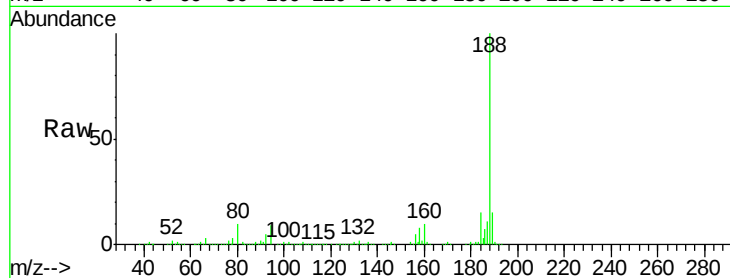
Tot Ion:188 Resp: 508052

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

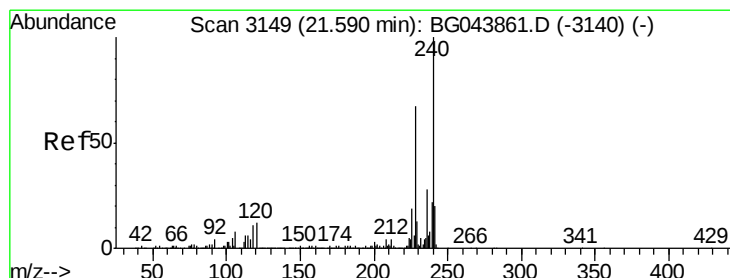
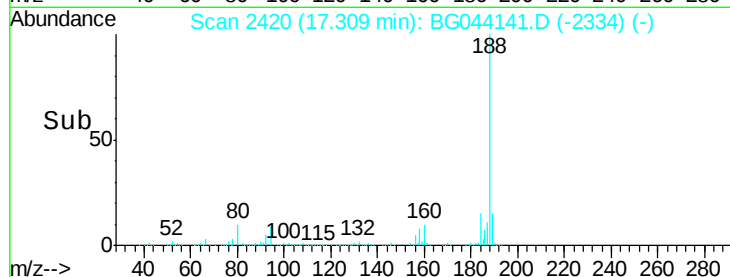
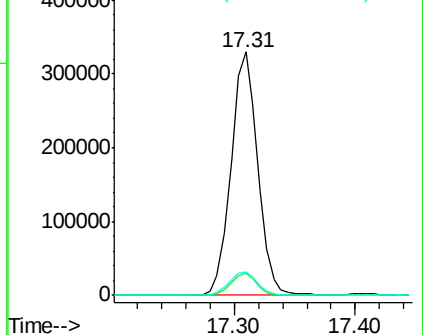
80 9.7 8.2 12.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044141.D

Acq: 21 Jan 2020 19:57

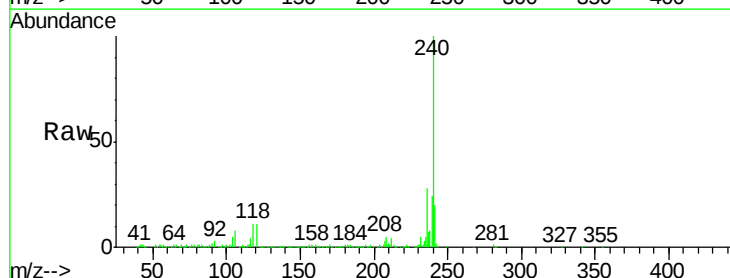
Tgt Ion:240 Resp: 430047

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

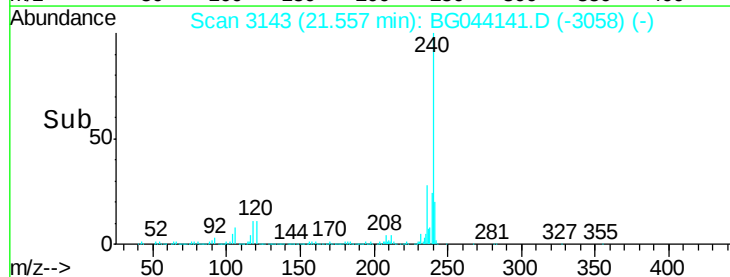
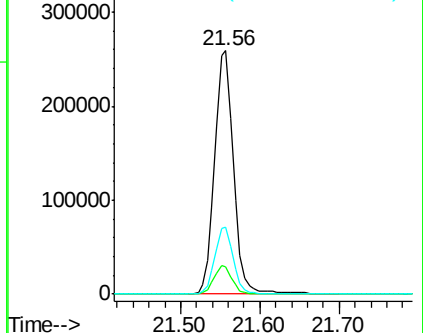
236 27.7 22.2 33.2

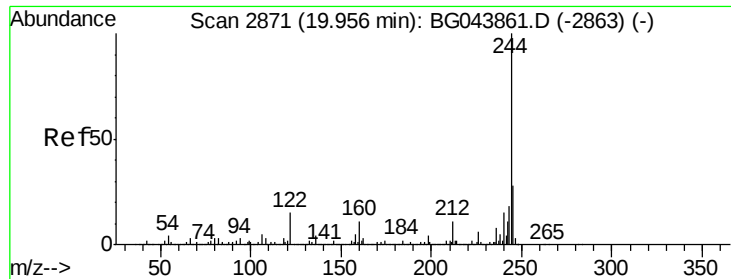


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 112.621 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044141.D

Acq: 21 Jan 2020 19:57

Instrument :

BNA_G

ClientSampleId :

B1-0-15

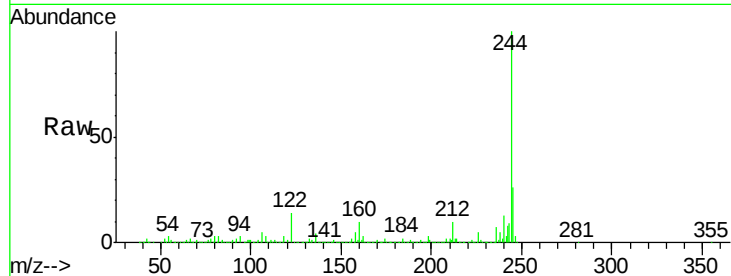
Tot Ion:244 Resp: 1852008

Ion Ratio Lower Upper

244 100

212 9.8 8.6 13.0

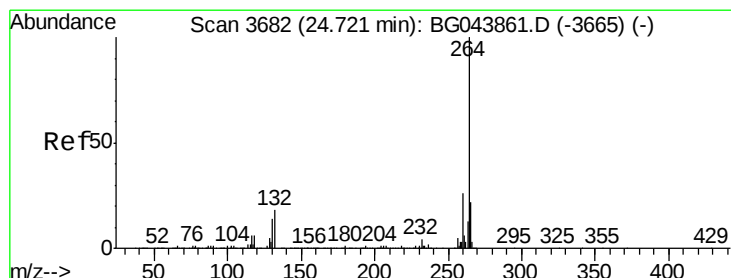
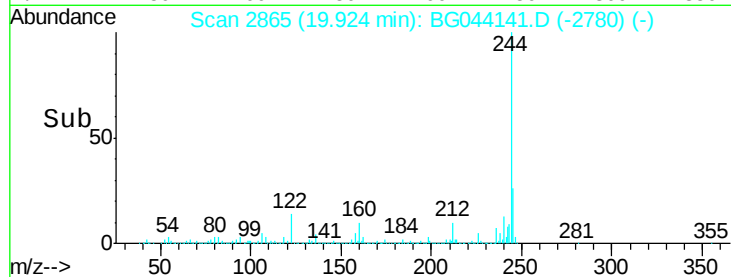
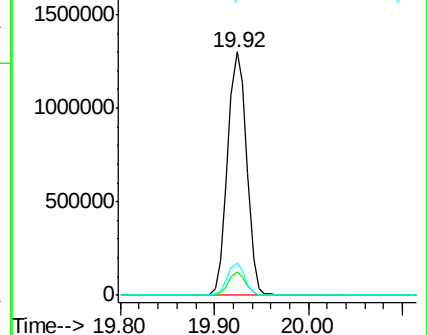
122 13.5 11.9 17.9



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: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044141.D

Acq: 21 Jan 2020 19:57

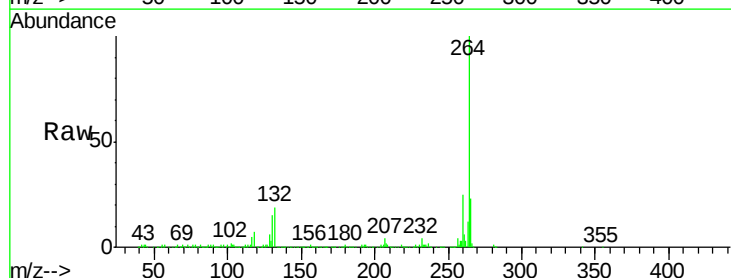
Tgt Ion:264 Resp: 479191

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

265 22.9 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

