

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045119.D
 Acq On : 21 Apr 2020 19:57
 Operator : CG/JU
 Sample : L2332-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Apr 22 01:18:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 11:57:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	59110	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	250620	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	189786	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	471493	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	450852	20.00	ng	-0.02
87) Perylene-d12	24.85	264	488772	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	500725	139.85	ng	0.00
7) Phenol-d6	7.18	99	674430	126.78	ng	-0.02
23) Nitrobenzene-d5	9.17	82	583558	106.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	492235	167.89	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	1417942	109.55	ng	-0.01
79) Terphenyl-d14	20.01	244	2400581	116.05	ng	-0.01

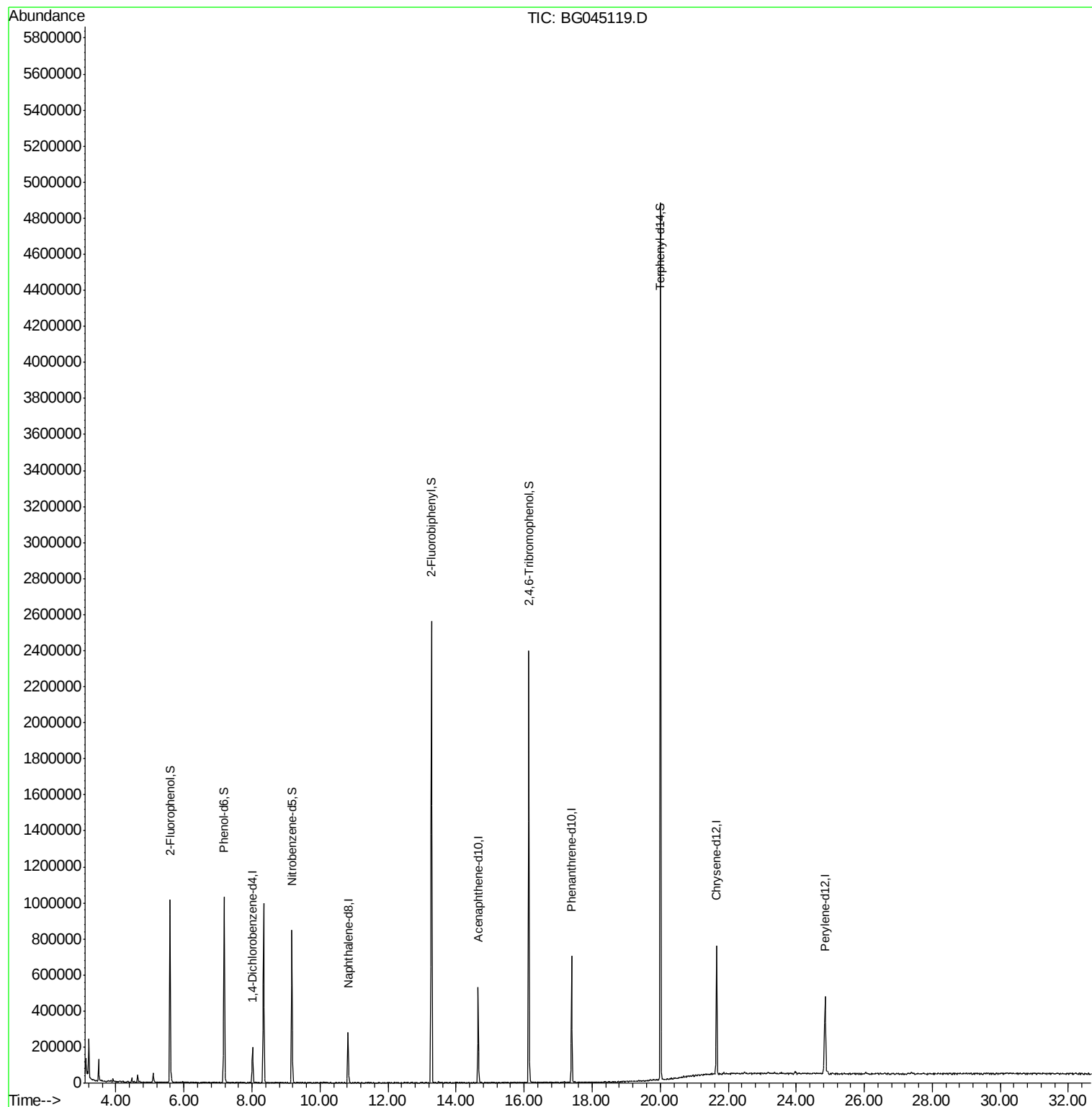
Target Compounds Qvalue

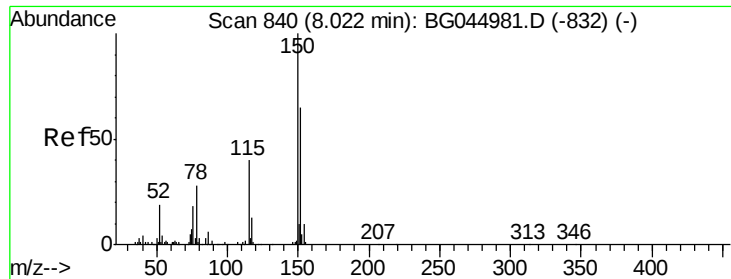
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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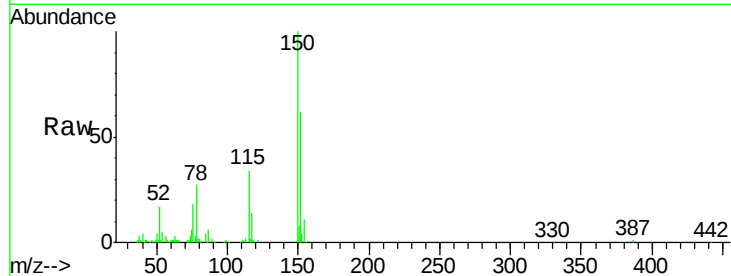


#1

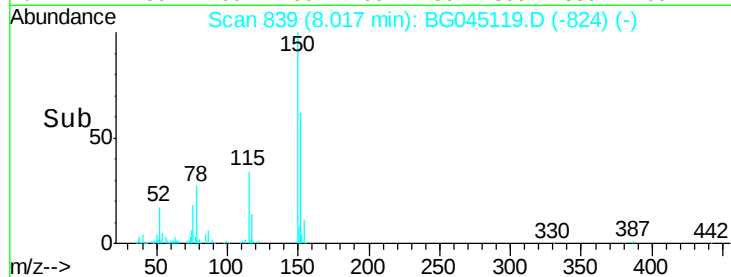
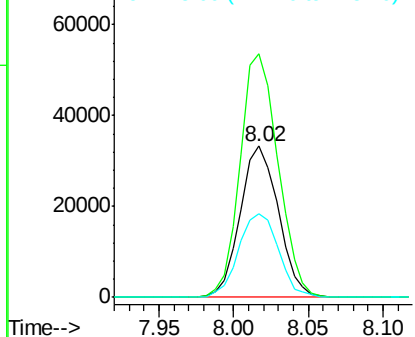
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG045119.D
Acq: 21 Apr 2020 19:57

Instrument :
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ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	123.6	185.4
115	55.1	49.1	73.7



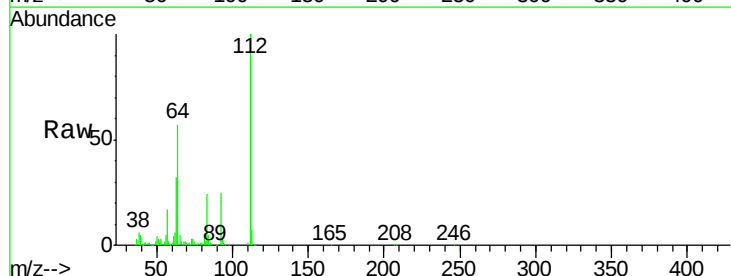
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



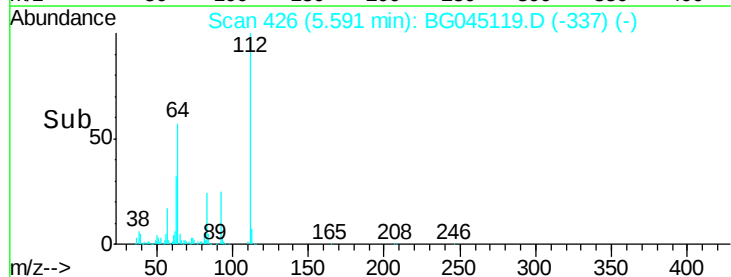
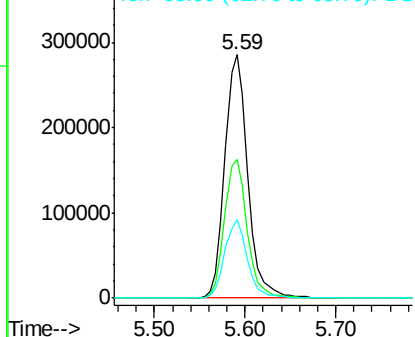
#5

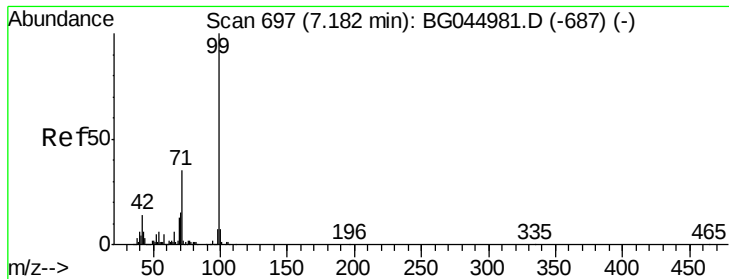
2-Fluorophenol
Concen: 139.853 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.01 min
Lab File: BG045119.D
Acq: 21 Apr 2020 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	42.4	63.6
63	32.2	23.1	34.7



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: 126.784 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG045119.D

Acq: 21 Apr 2020 19:57

Instrument :

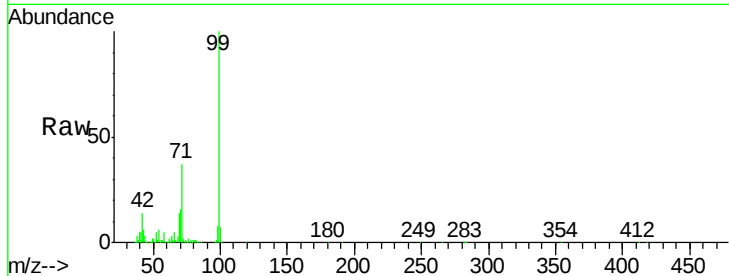
BNA_G

ClientSampleId :

TP-4

Tot Ion: 99 Resp: 674430

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.3	16.9
71	37.1	28.3	42.5

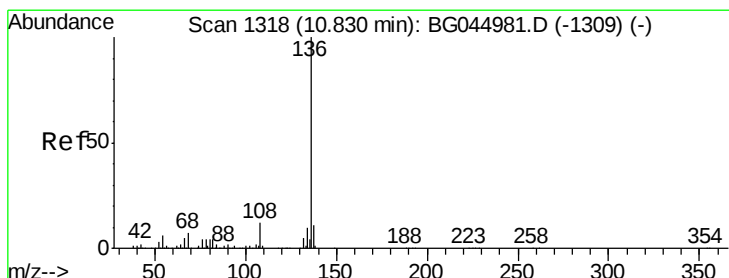
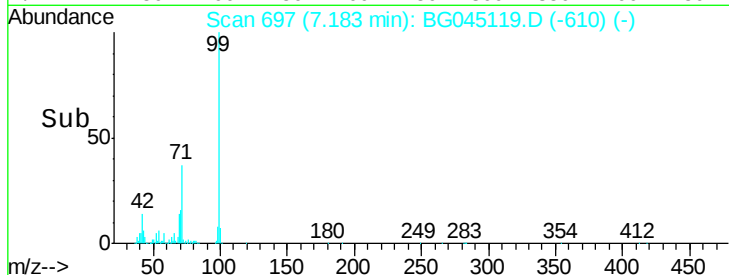
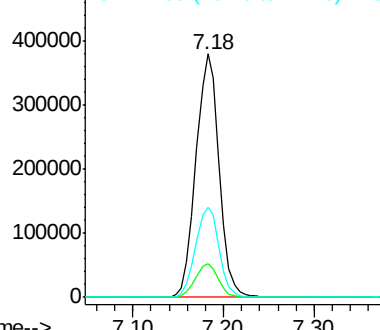


Abundance

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: 10.82 min Scan# 1317

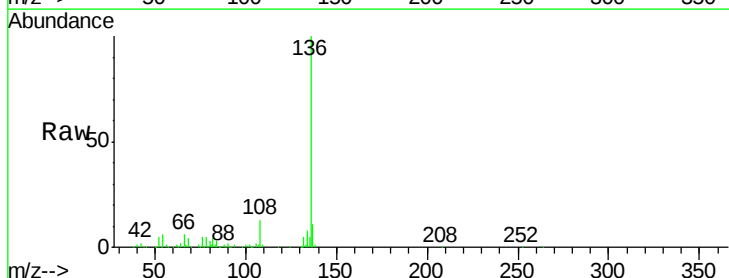
Delta R.T. -0.01 min

Lab File: BG045119.D

Acq: 21 Apr 2020 19:57

Tgt Ion: 136 Resp: 250620

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.4	4.8	7.2
68	4.2	5.2	7.8#



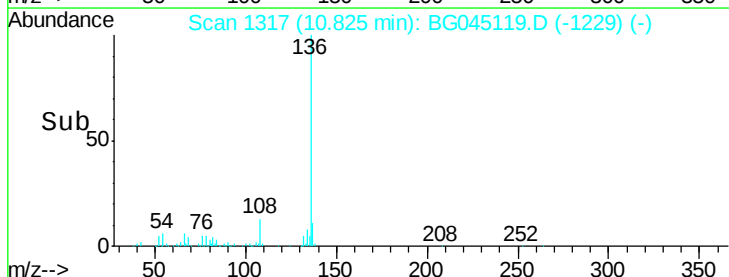
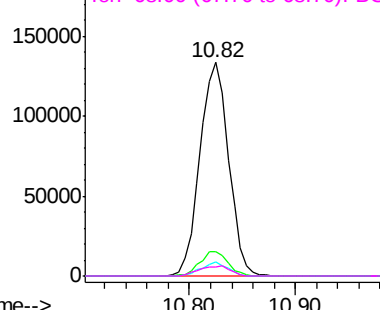
Abundance

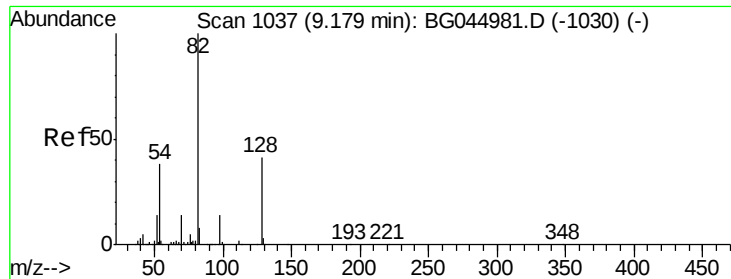
Ion 136.00 (135.70 to 136.70): BGC

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

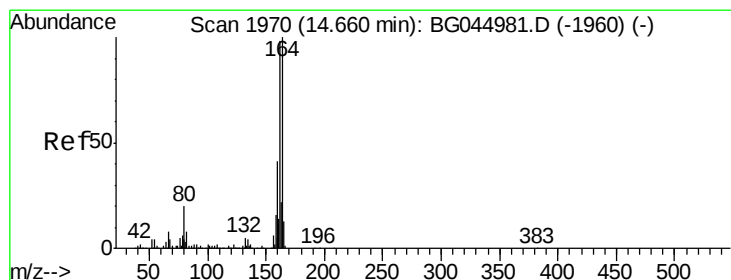
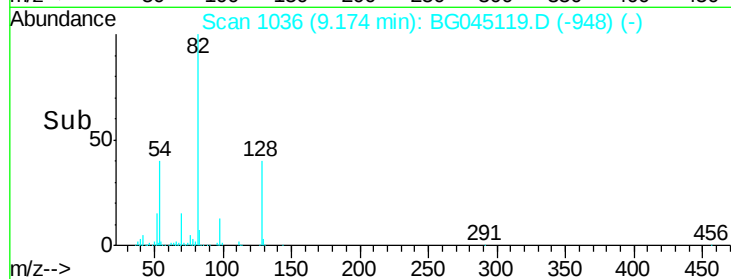
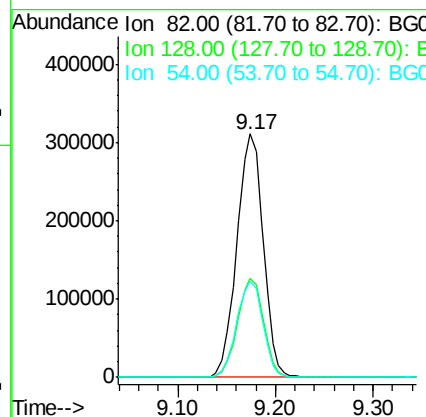
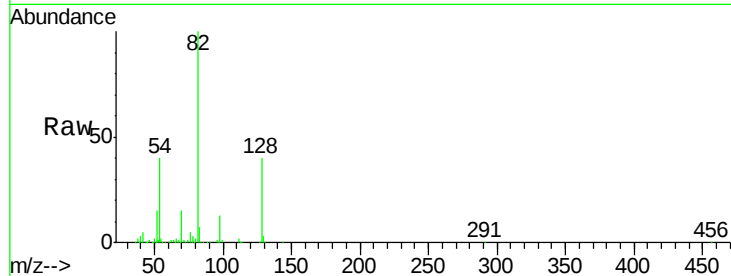




#23
 Nitrobenzene-d5
 Concen: 106.245 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045119.D
 Acq: 21 Apr 2020 19:57

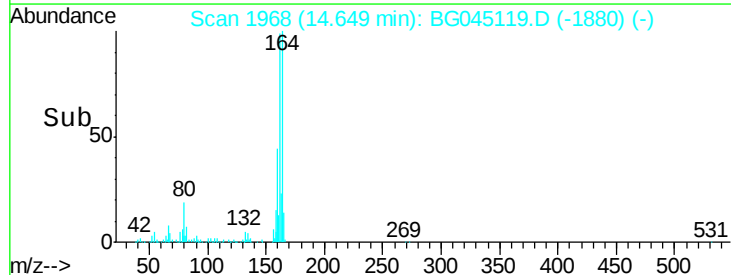
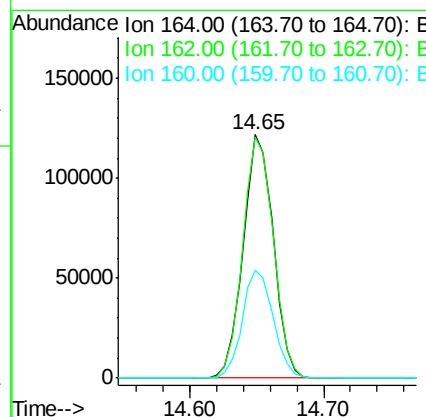
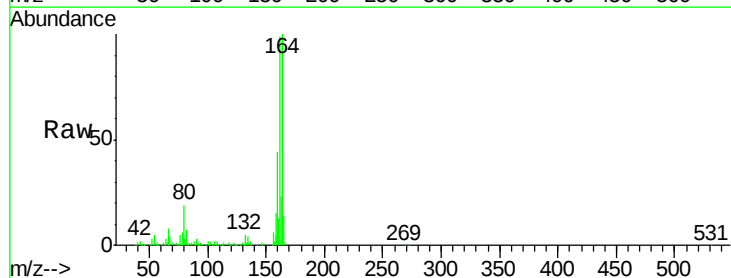
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion	82	Resp	583558
Ion Ratio	Lower	Upper	
82	100		
128	40.4	33.0	49.4
54	39.5	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG045119.D
 Acq: 21 Apr 2020 19:57

Tgt Ion	164	Resp	189786
Ion Ratio	Lower	Upper	
164	100		
162	99.1	78.7	118.1
160	44.2	32.8	49.2

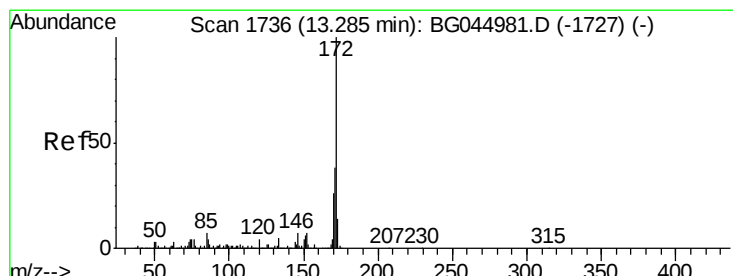
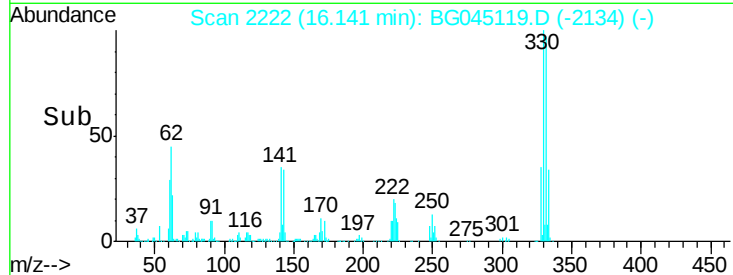
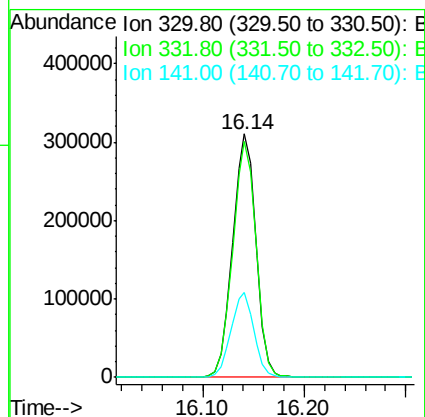
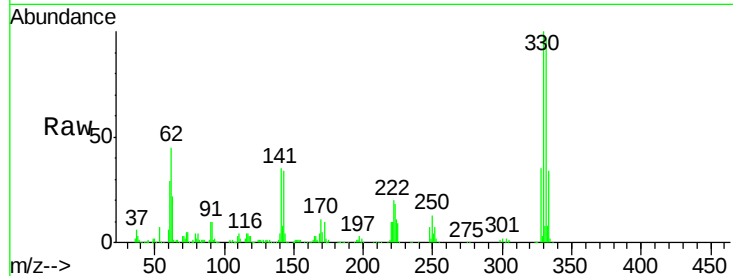




#42
 2,4,6-Tribromophenol
 Concen: 167.887 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG045119.D
 Acq: 21 Apr 2020 19:57

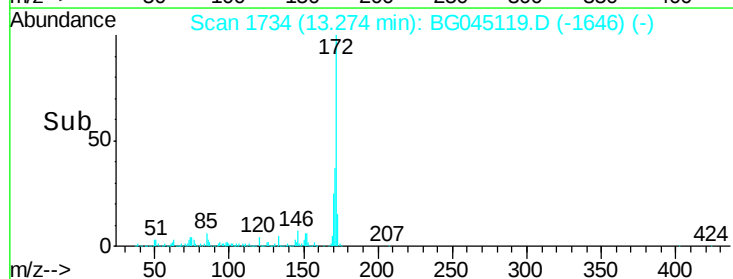
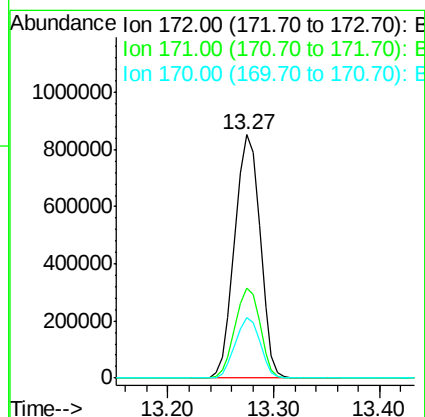
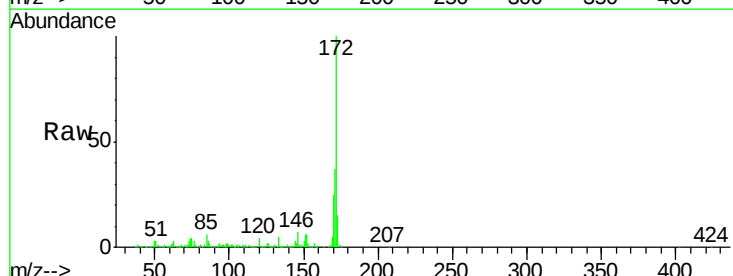
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

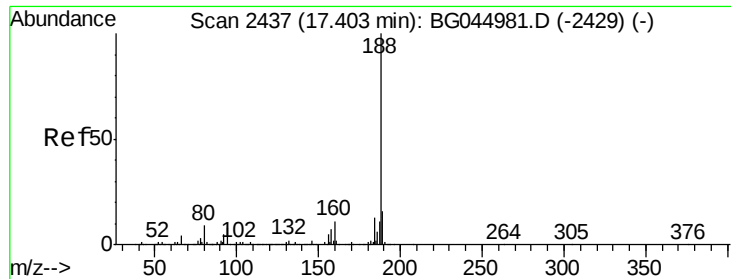
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.1	118.7
141	34.4	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 109.553 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG045119.D
 Acq: 21 Apr 2020 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.7	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG045119.D

Acq: 21 Apr 2020 19:57

Instrument :

BNA_G

ClientSampleId :

TP-4

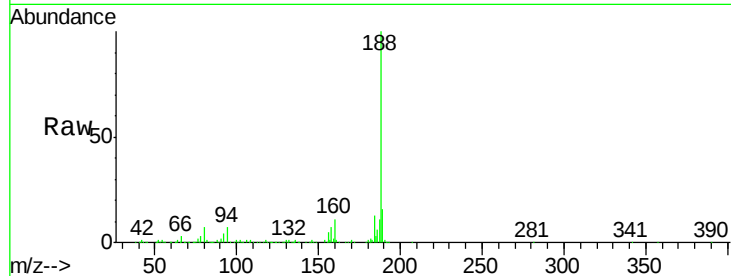
Tot Ion:188 Resp: 471493

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.4

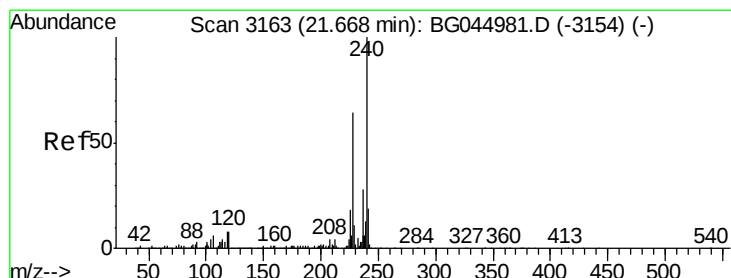
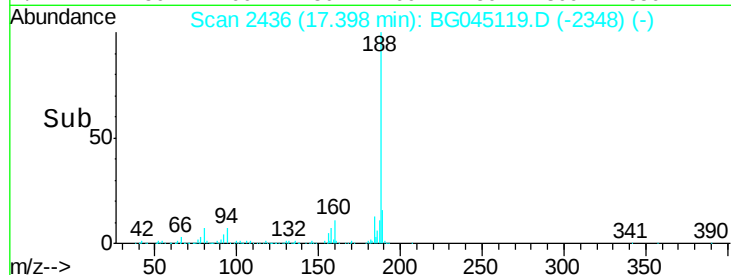
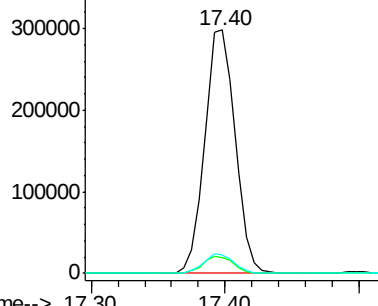
80 7.3 7.0 10.6



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: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG045119.D

Acq: 21 Apr 2020 19:57

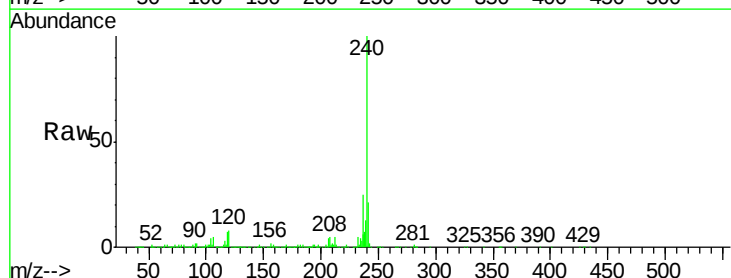
Tgt Ion:240 Resp: 450852

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

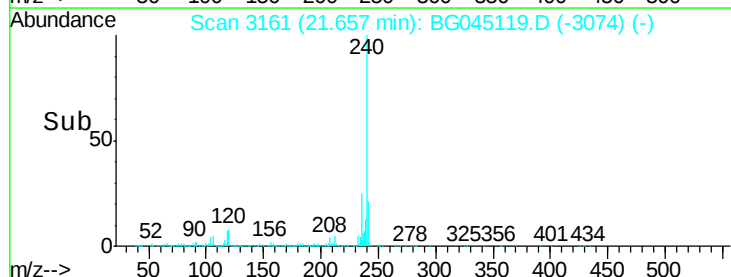
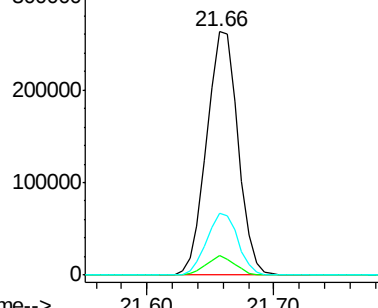
236 25.3 22.2 33.2

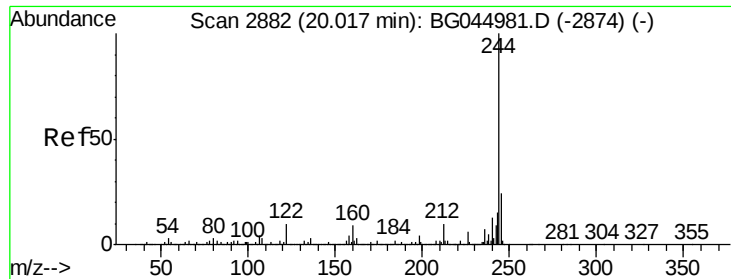


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 116.052 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG045119.D

Acq: 21 Apr 2020 19:57

Instrument :

BNA_G

ClientSampleId :

TP-4

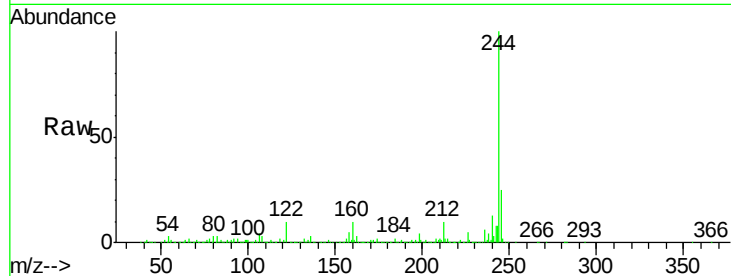
Tot Ion:244 Resp: 2400581

Ion Ratio Lower Upper

244 100

212 10.0 7.9 11.9

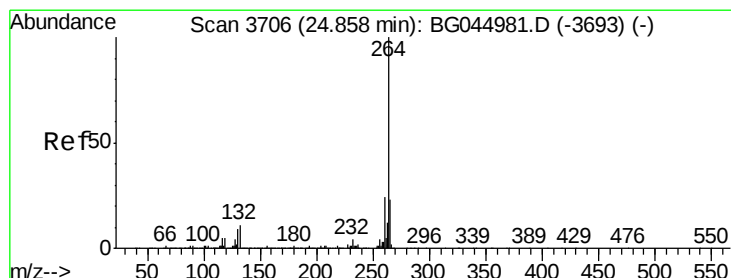
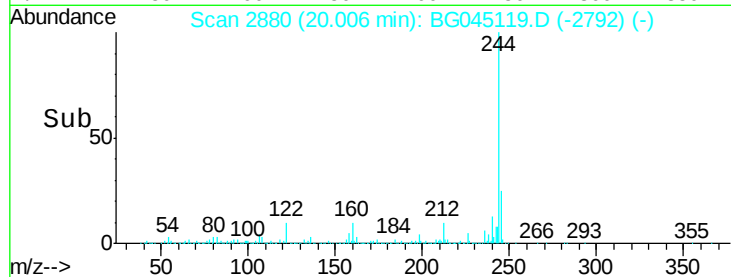
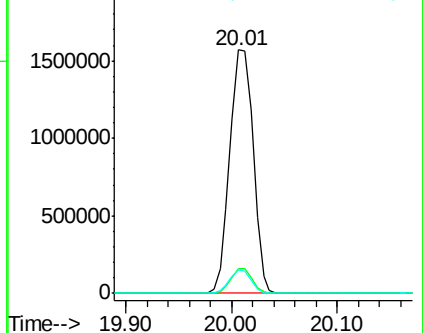
122 9.7 7.7 11.5



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: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG045119.D

Acq: 21 Apr 2020 19:57

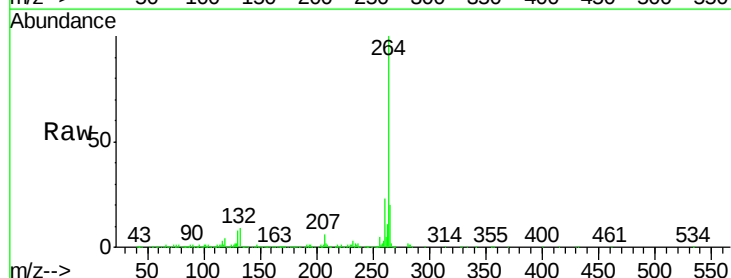
Tgt Ion:264 Resp: 488772

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 19.8 19.0 28.4



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

