

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
 Data File : BG046585.D
 Acq On : 10 Sep 2020 17:10
 Operator : CG/JU
 Sample : PB131517TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131517TB

Quant Time: Sep 10 18:43:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67956	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	273449	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	187368	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	443189	20.00	ng	0.00
76) Chrysene-d12	21.55	240	466600	20.00	ng	0.00
86) Perylene-d12	24.65	264	447549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	456480	118.98	ng	0.00
7) Phenol-d6	7.11	99	578155	106.30	ng	0.00
23) Nitrobenzene-d5	9.08	82	383893	80.24	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	257191	101.31	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1042786	84.96	ng	0.00
79) Terphenyl-d14	19.91	244	1619965	73.89	ng	0.00

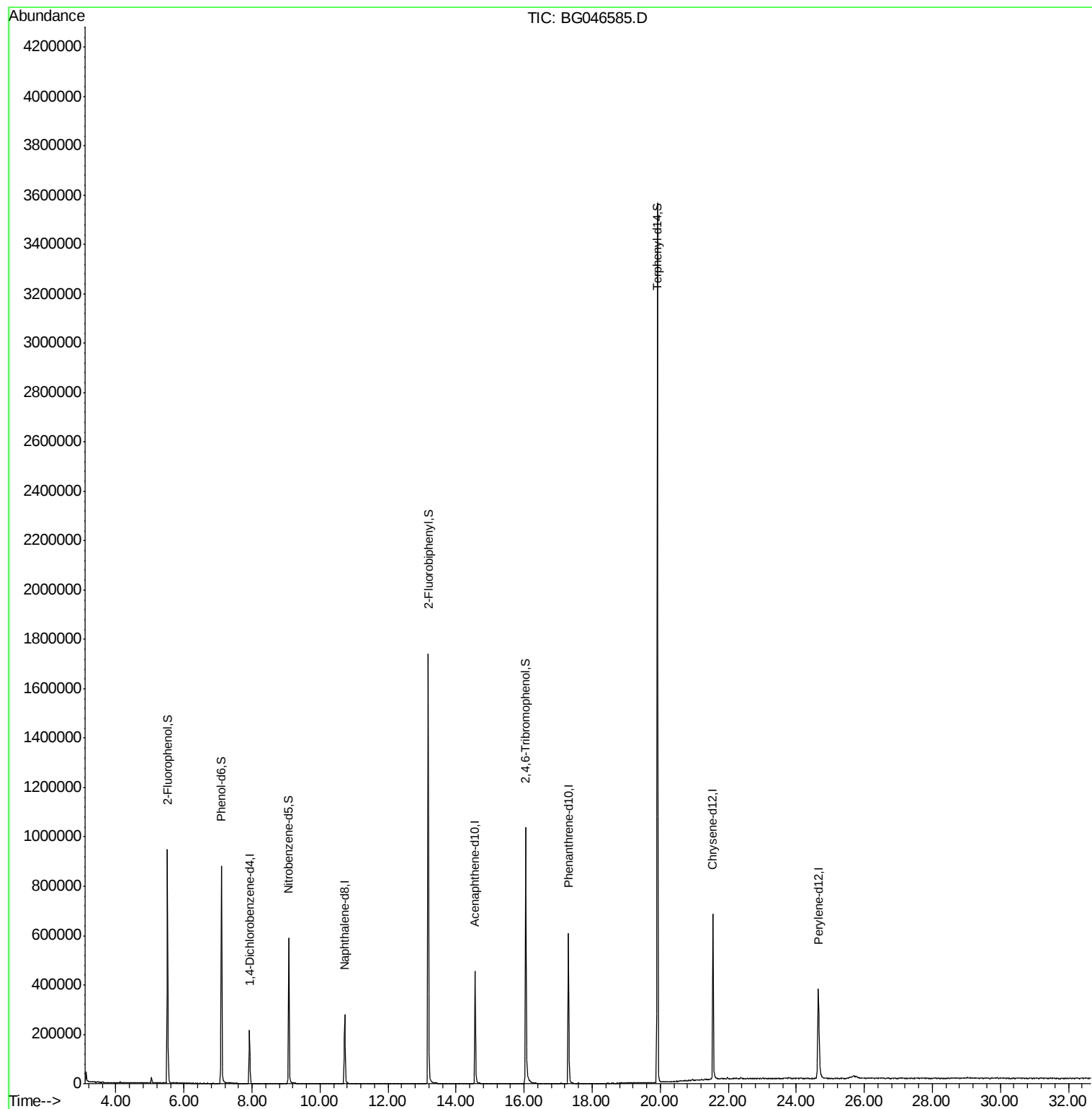
Target Compounds Qvalue

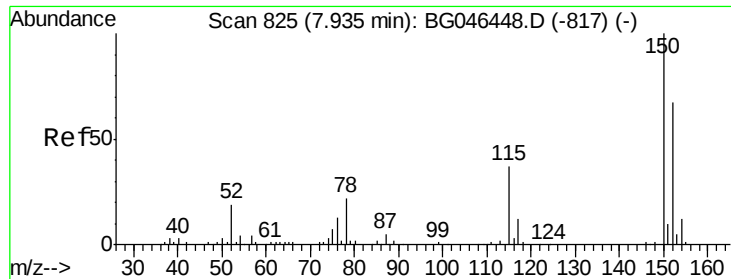
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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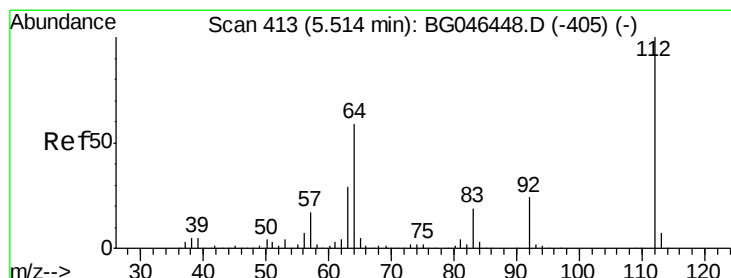
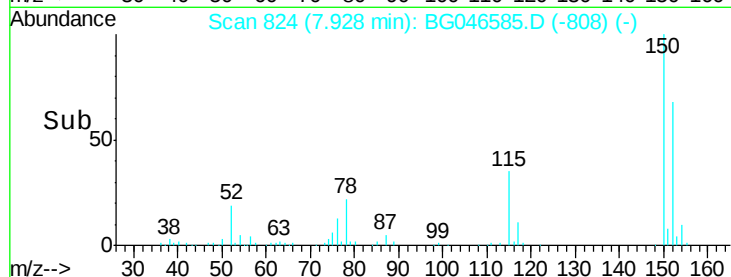
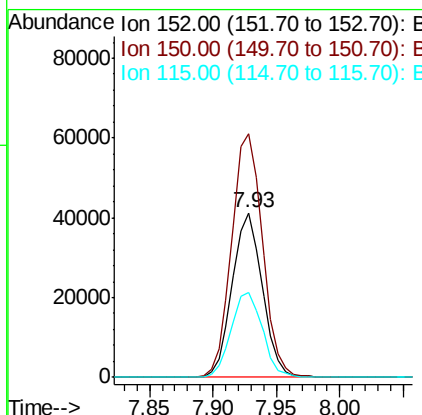
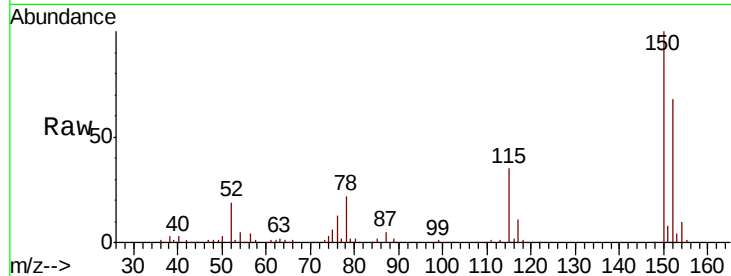


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB131517TB

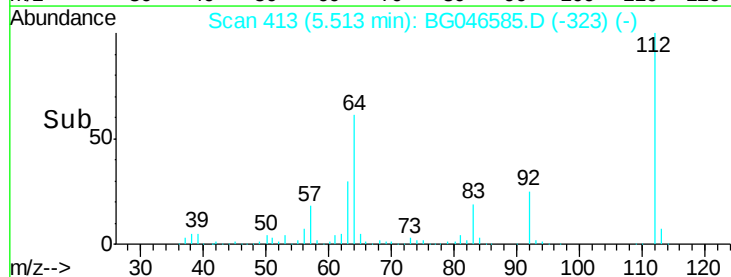
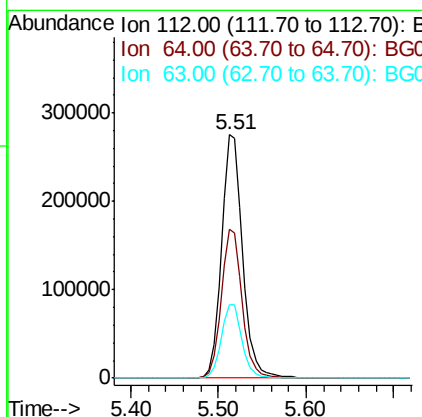
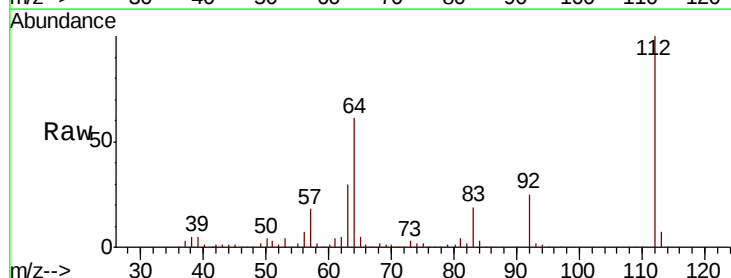
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	119.5	179.3
115	51.8	44.3	66.5

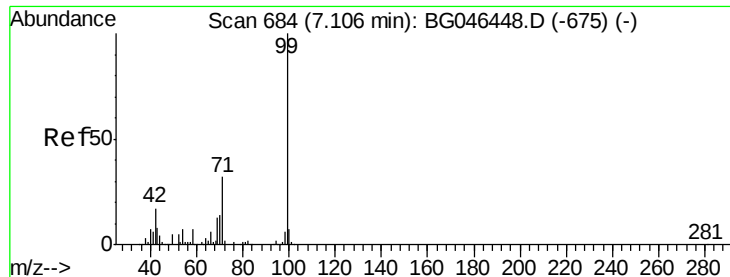


#5

2-Fluorophenol
 Concen: 118.976 ng
 RT: 5.51 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.0	70.6
63	29.9	23.5	35.3





#7

Phenol-d6

Concen: 106.298 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG046585.D

Acq: 10 Sep 2020 17:10

Instrument :

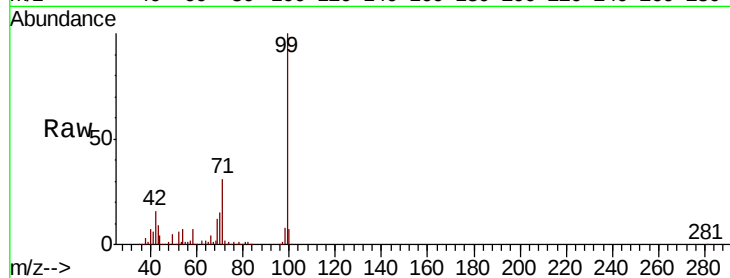
BNA_G

ClientSampleId :

PB131517TB

Tot Ion: 99 Resp: 578155

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.3	19.9
71	31.2	25.3	37.9

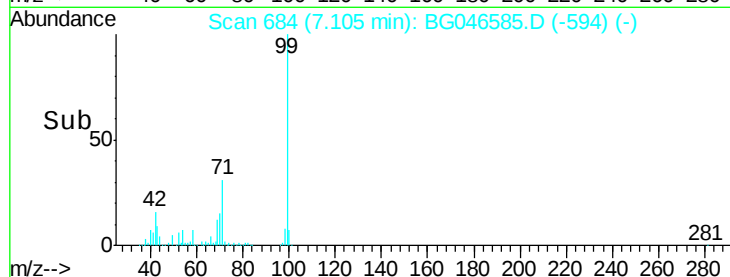
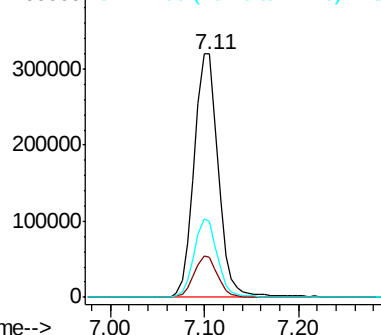


Abundance

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: 10.72 min Scan# 1300

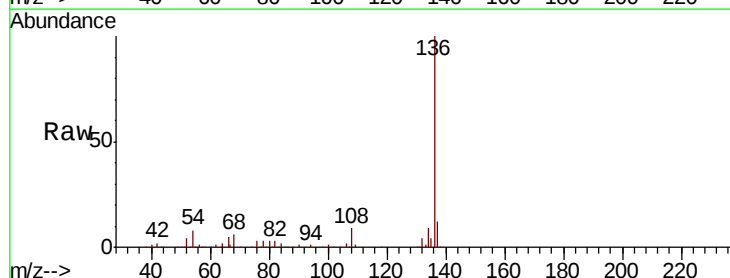
Delta R.T. -0.00 min

Lab File: BG046585.D

Acq: 10 Sep 2020 17:10

Tgt Ion: 136 Resp: 273449

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.8	6.1	9.1
68	5.6	4.8	7.2



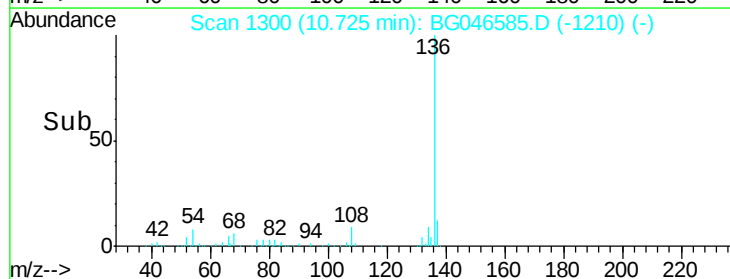
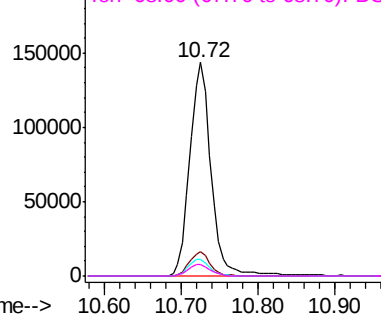
Abundance

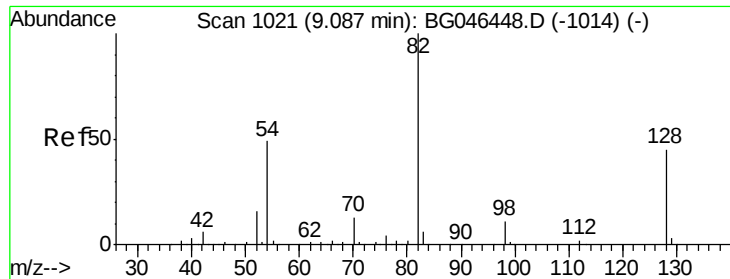
Ion 136.00 (135.70 to 136.70): BGC

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

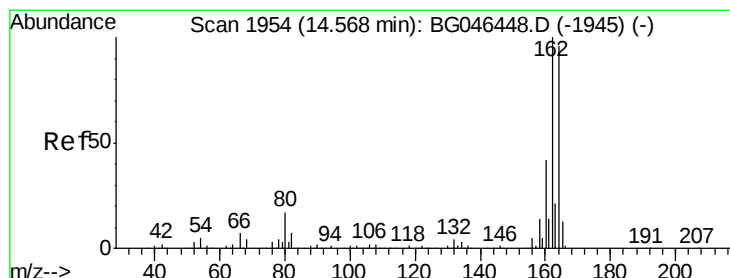
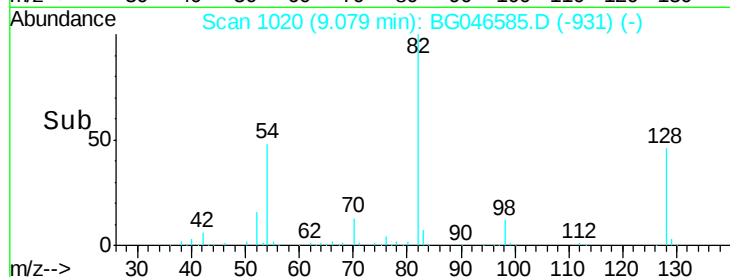
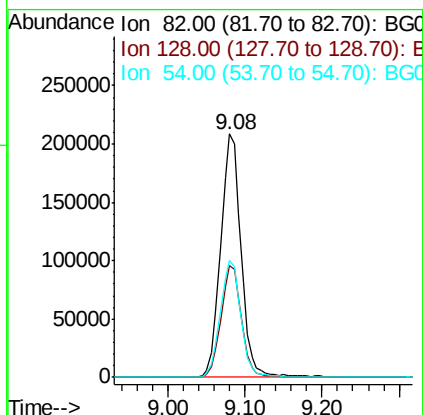
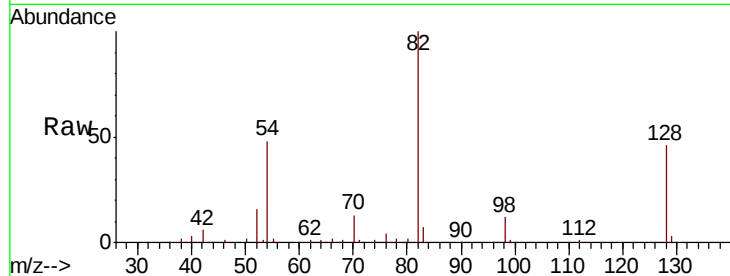




#23
 Nitrobenzene-d5
 Concen: 80.240 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

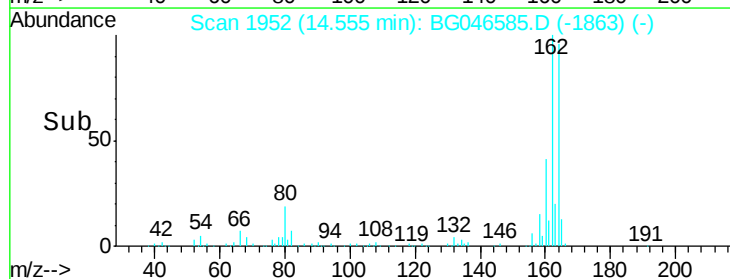
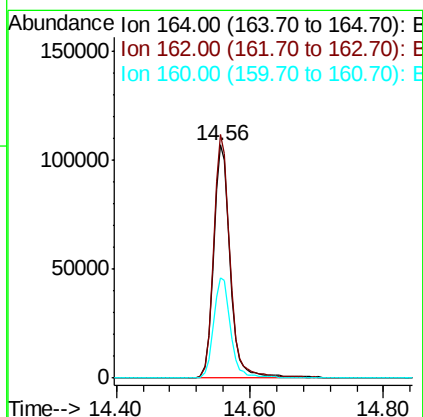
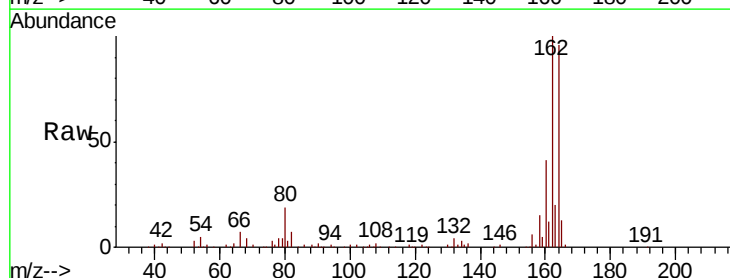
Instrument :
 BNA_G
 ClientSampleID :
 PB131517TB

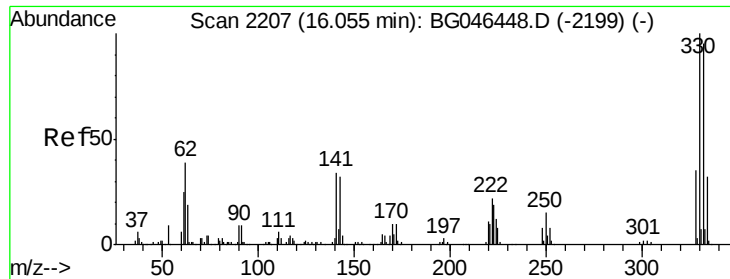
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	48.3	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.3	124.9
160	43.3	35.0	52.6

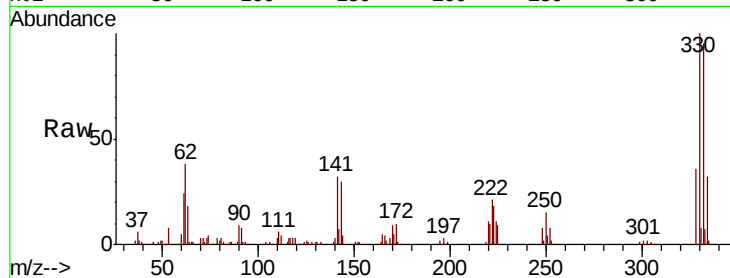




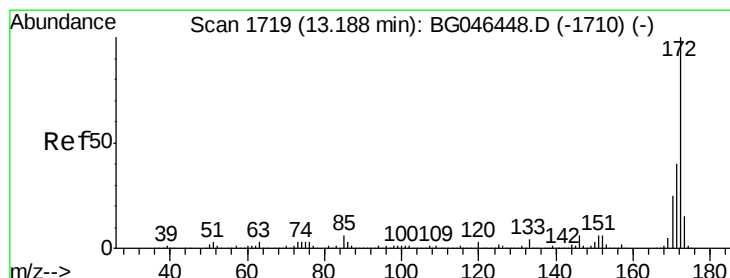
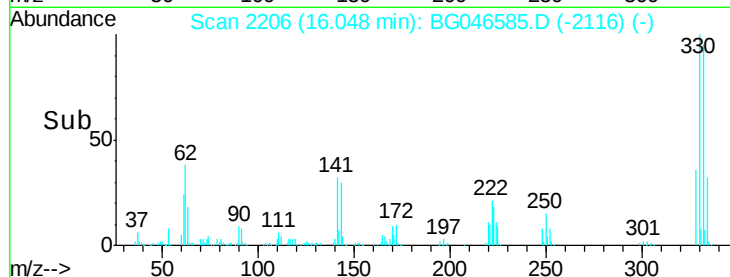
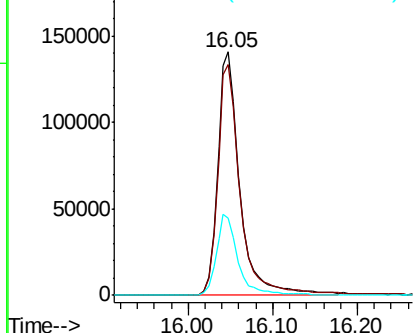
#42
 2,4,6-Tribromophenol
 Concen: 101.308 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB131517TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	33.0	26.1	39.1

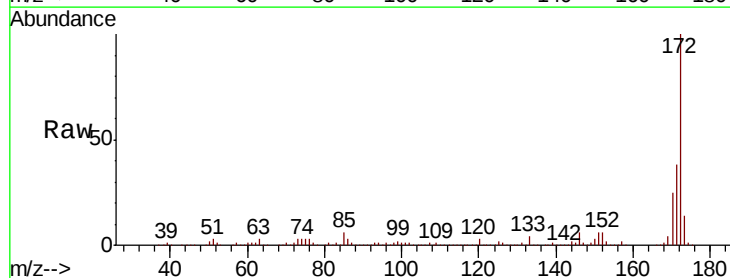


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

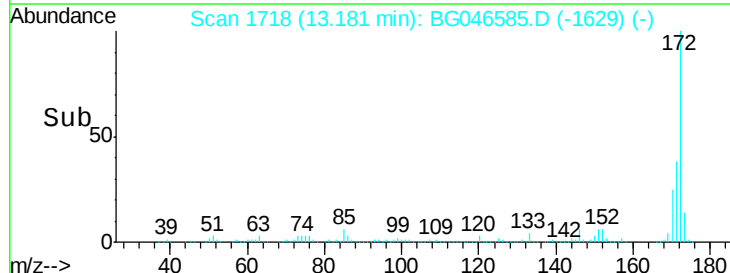
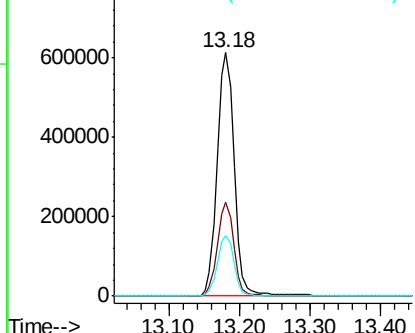


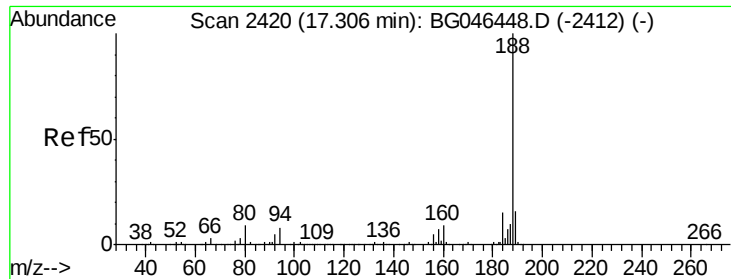
#45
 2-Fluorobiphenyl
 Concen: 84.960 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046585.D
 Acq: 10 Sep 2020 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	25.0	20.3	30.5



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: 17.30 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG046585.D

Acq: 10 Sep 2020 17:10

Instrument :

BNA_G

ClientSampleId :

PB131517TB

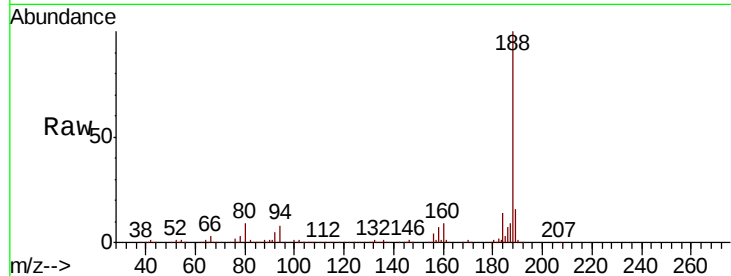
Tot Ion:188 Resp: 443189

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

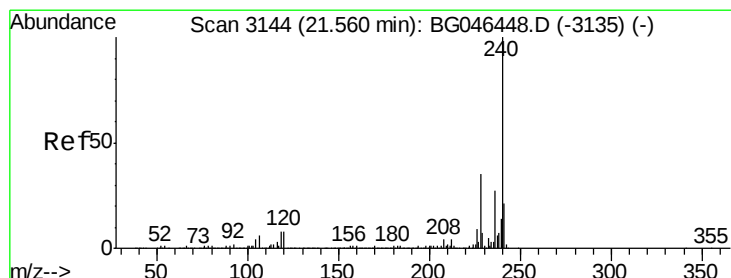
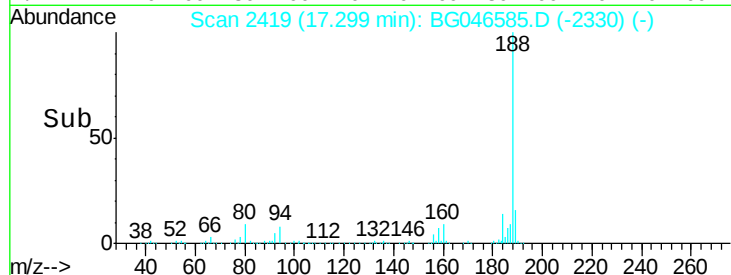
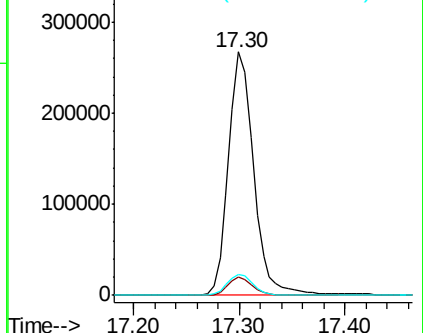
80 8.7 6.9 10.3



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: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046585.D

Acq: 10 Sep 2020 17:10

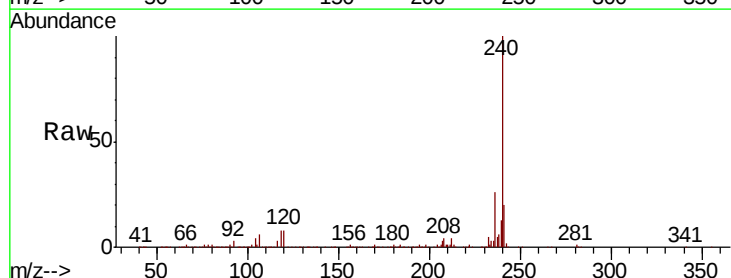
Tgt Ion:240 Resp: 466600

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

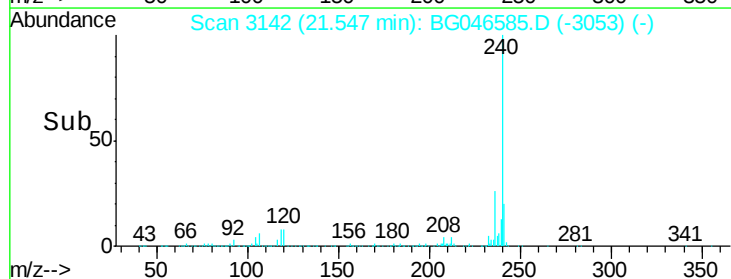
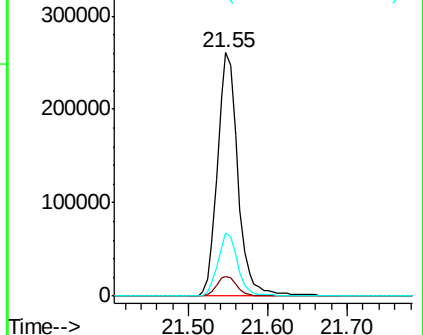
236 25.7 21.4 32.2

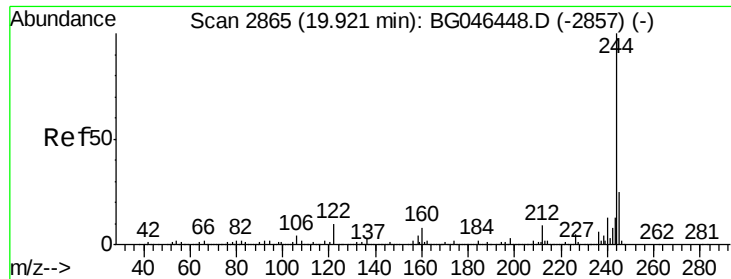


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.887 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046585.D

Acq: 10 Sep 2020 17:10

Instrument :

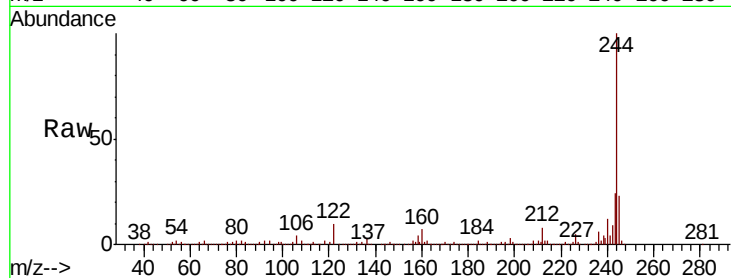
BNA_G

ClientSampleId :

PB131517TB

Tot Ion:244 Resp: 1619965

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	9.7	8.2	12.4

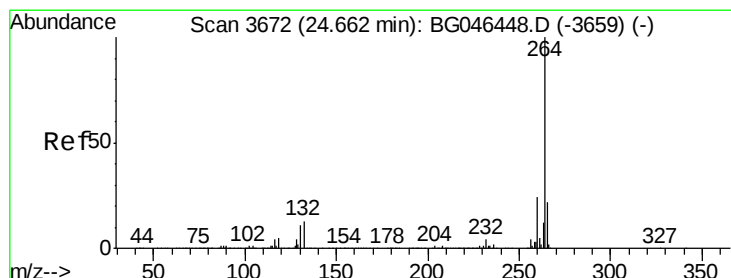
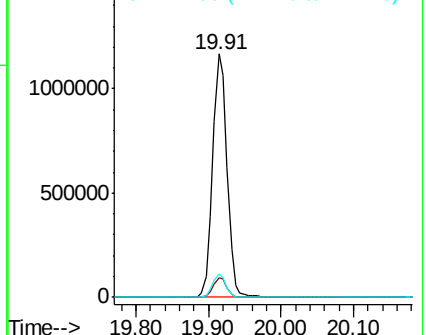
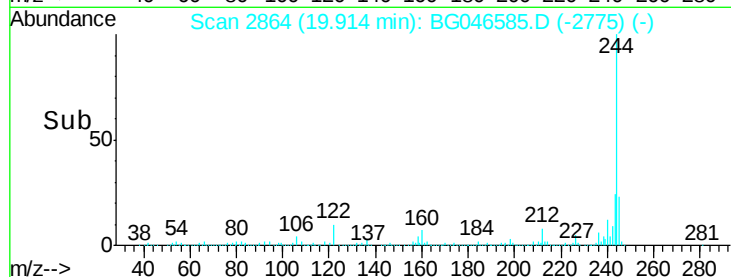


Abundance

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

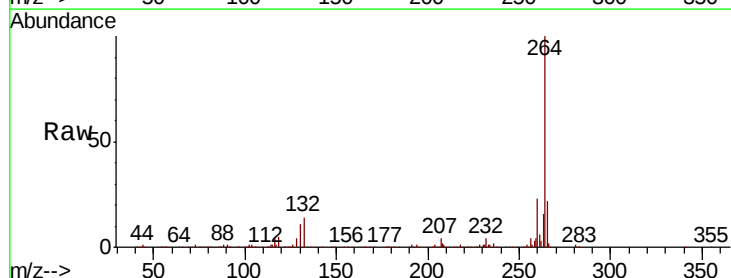
Delta R.T. -0.01 min

Lab File: BG046585.D

Acq: 10 Sep 2020 17:10

Tgt Ion:264 Resp: 447549

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	17.9	26.9



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

