

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044179.D
 Acq On : 24 Jan 2020 13:13
 Operator : CG/JU
 Sample : PB126313BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126313BL

Quant Time: Jan 25 06:16:42 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	74762	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	319863	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	215966	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	477622	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	417300	20.00	ng	-0.04
87) Perylene-d12	24.66	264	454954	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	562130	138.06	ng	-0.03
7) Phenol-d6	7.10	99	737726	129.62	ng	-0.02
23) Nitrobenzene-d5	9.08	82	442557	74.02	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	277237	122.67	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1055592	88.56	ng	-0.04
79) Terphenyl-d14	19.92	244	1638742	98.66	ng	-0.03

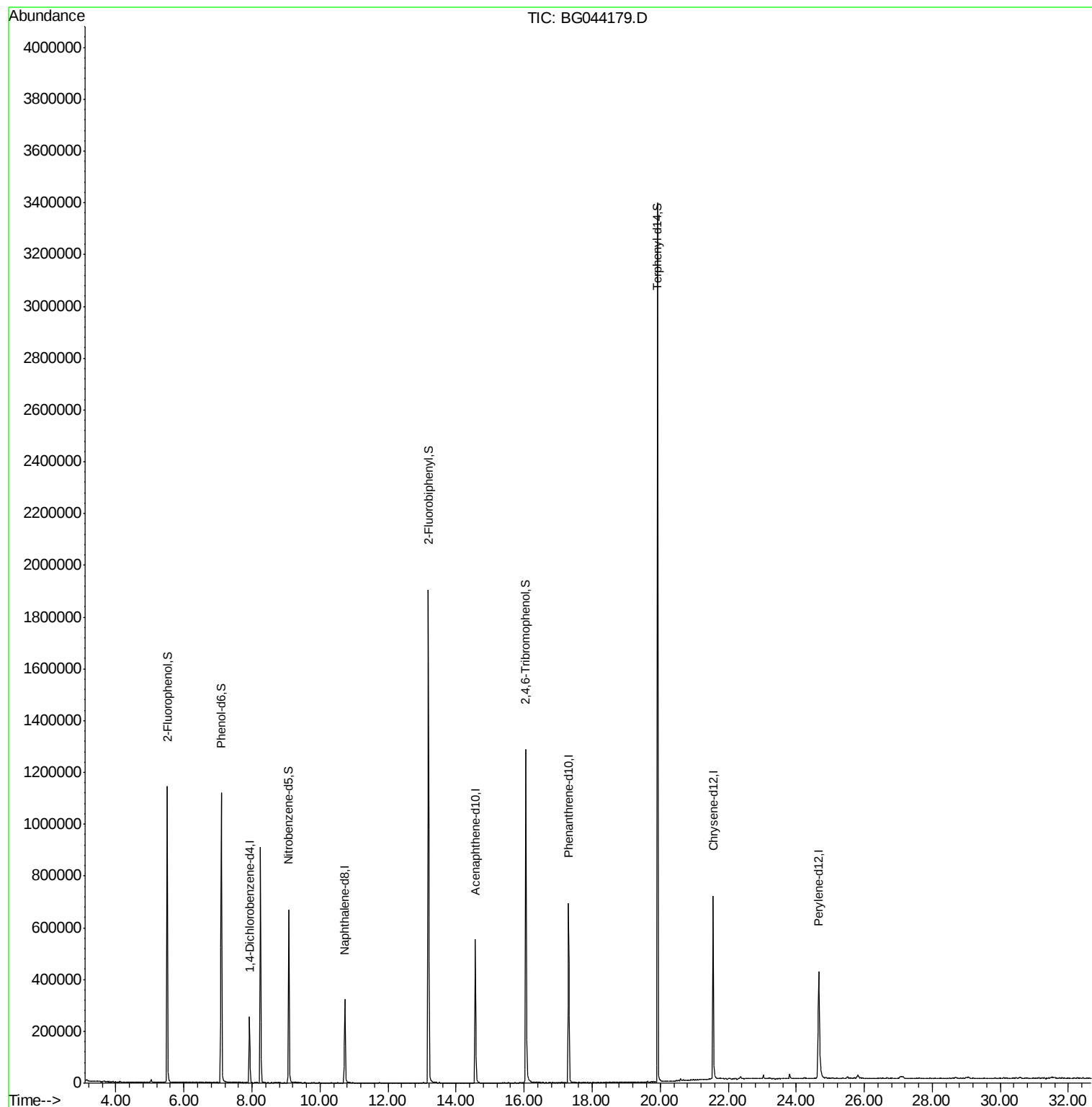
Target Compounds Qvalue

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

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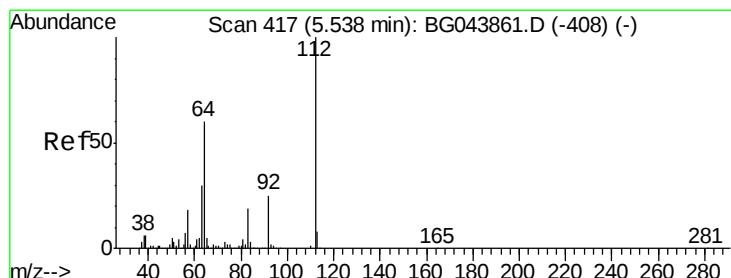
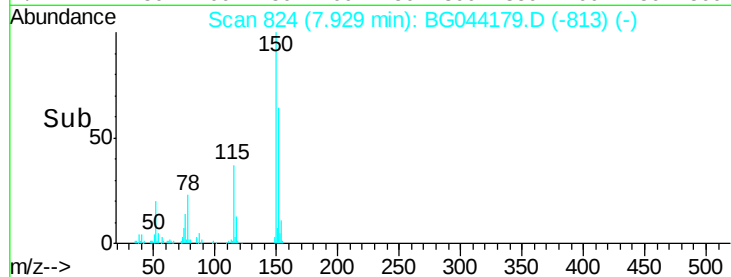
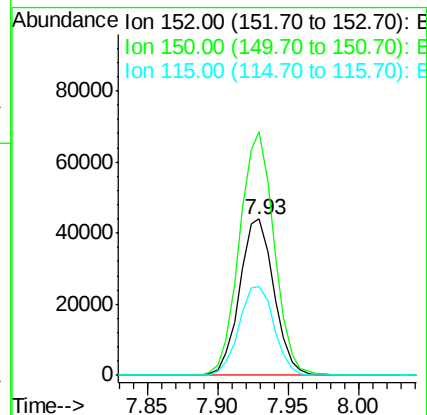
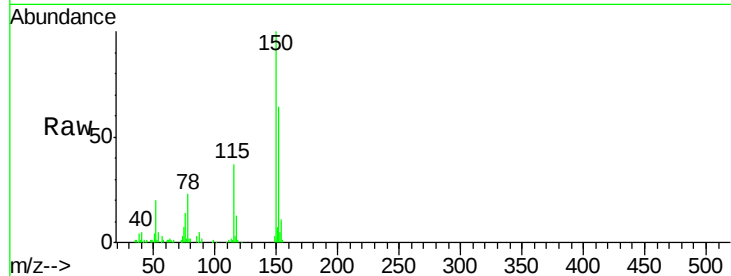


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044179.D
Acq: 24 Jan 2020 13:13

Instrument :
BNA_G
ClientSampleId :
PB126313BL

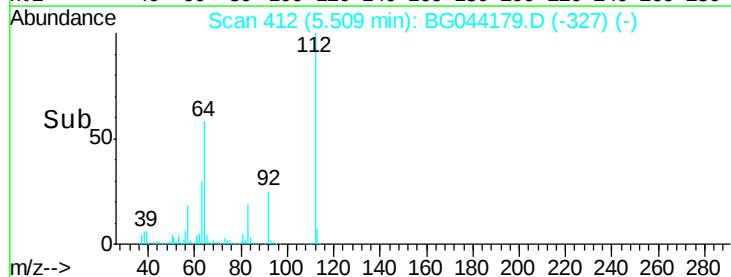
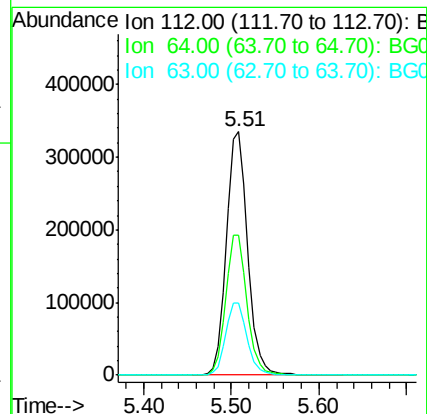
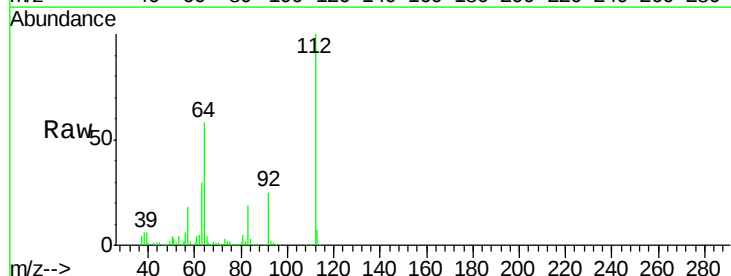
Tot Ion:152 Resp: 74762
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.4
115 57.0 47.8 71.8



#5

2-Fluorophenol
Concen: 138.057 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044179.D
Acq: 24 Jan 2020 13:13

Tgt Ion:112 Resp: 562130
Ion Ratio Lower Upper
112 100
64 57.7 47.8 71.6
63 29.5 24.3 36.5





#7

Phenol-d6

Concen: 129.618 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044179.D

Acq: 24 Jan 2020 13:13

Instrument :

BNA_G

ClientSampled :

PB126313BL

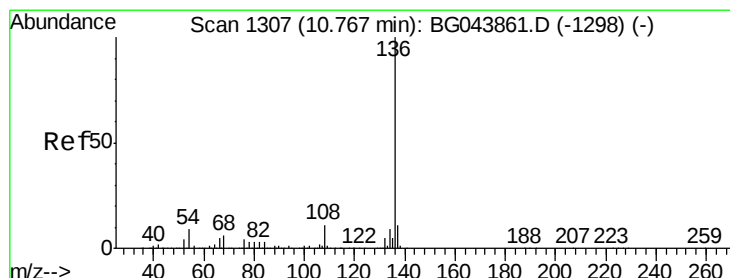
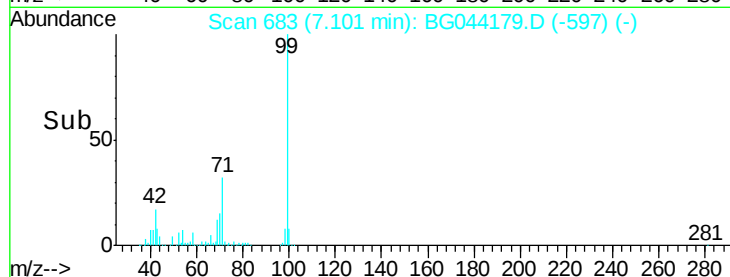
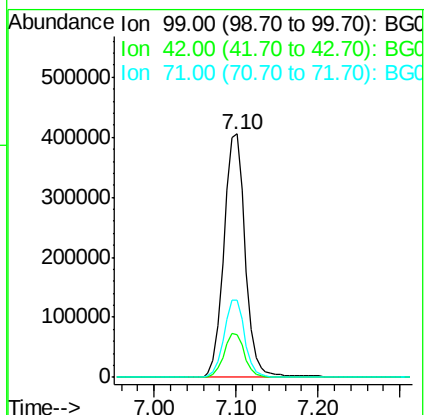
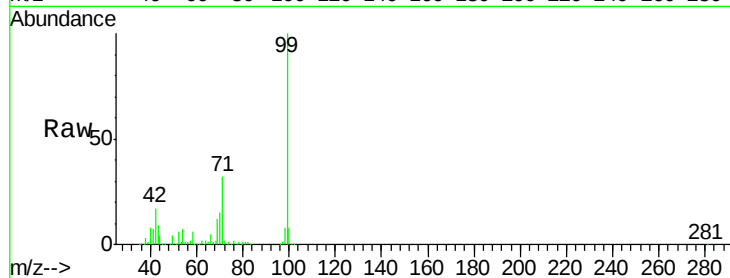
Tot Ion: 99 Resp: 737726

Ion Ratio Lower Upper

99 100

42 17.5 14.9 22.3

71 31.6 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.04 min

Lab File: BG044179.D

Acq: 24 Jan 2020 13:13

Tgt Ion: 136 Resp: 319863

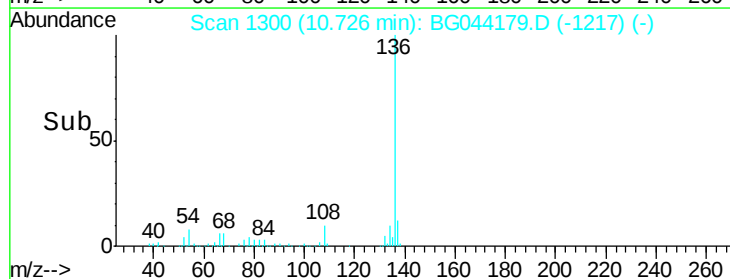
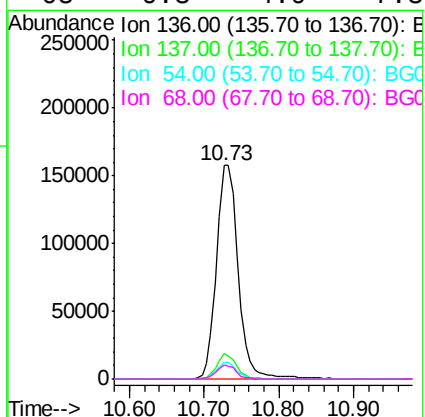
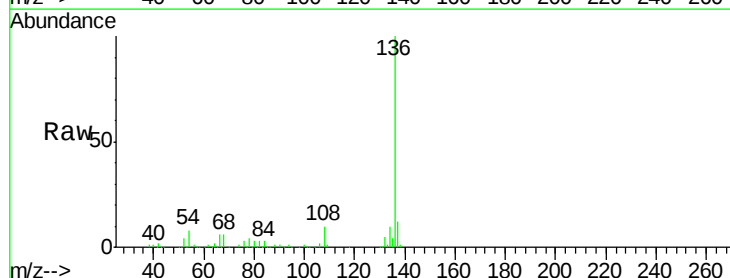
Ion Ratio Lower Upper

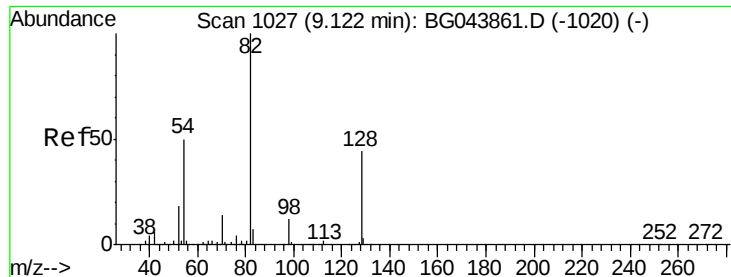
136 100

137 12.0 8.8 13.2

54 7.9 7.0 10.4

68 6.3 4.9 7.3

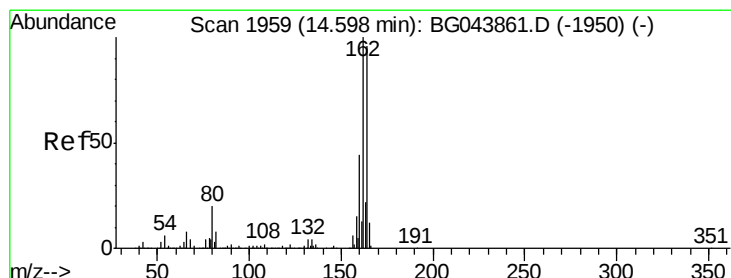
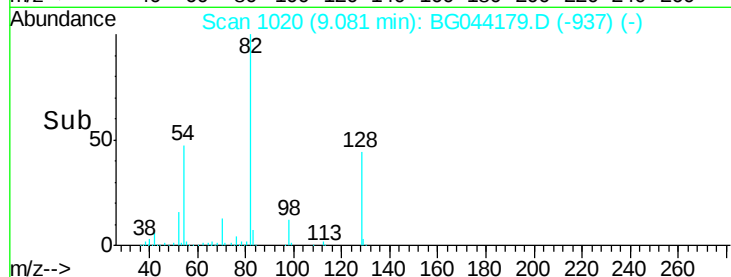
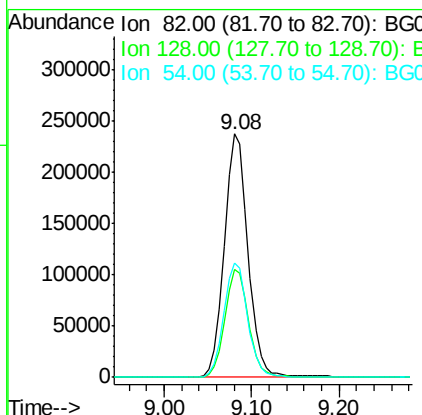
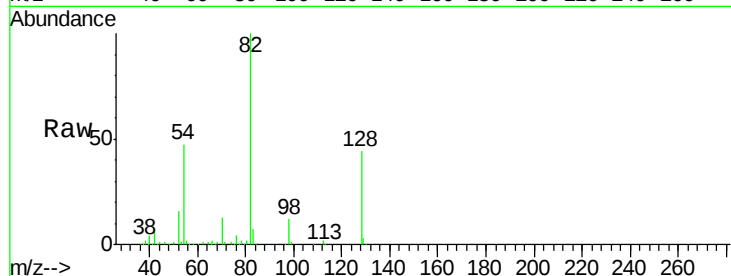




#23
Nitrobenzene-d5
Concen: 74.016 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044179.D
Acq: 24 Jan 2020 13:13

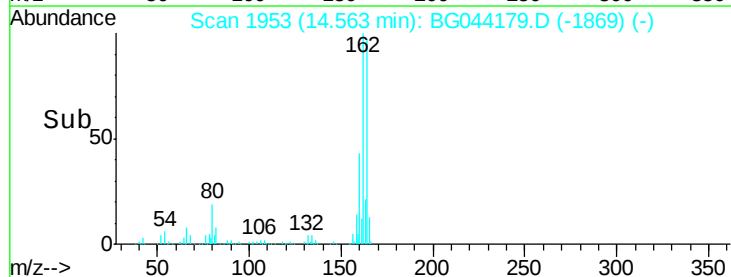
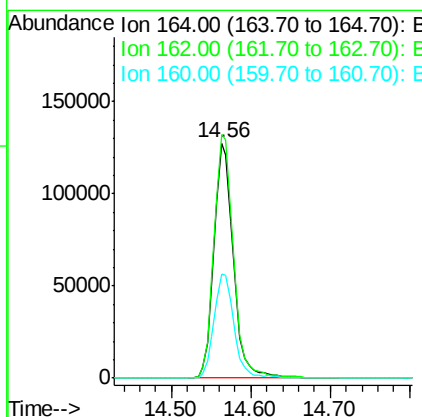
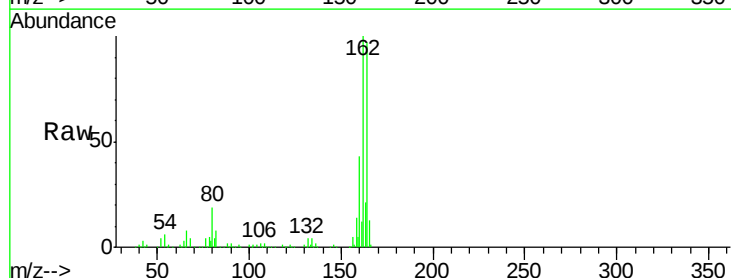
Instrument :
BNA_G
ClientSampleId :
PB126313BL

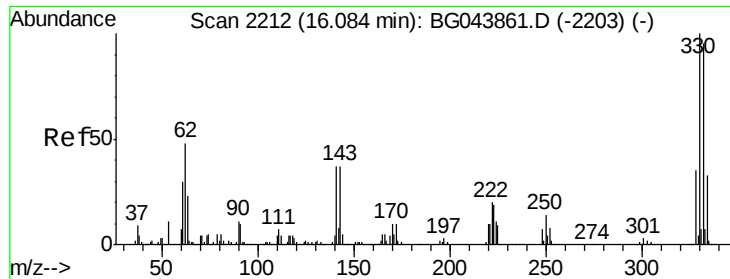
Tot Ion	82	Resp	442557
Ion Ratio	Lower	Upper	
82	100		
128	44.4	35.1	52.7
54	47.0	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BG044179.D
Acq: 24 Jan 2020 13:13

Tgt Ion	164	Resp	215966
Ion Ratio	Lower	Upper	
164	100		
162	103.6	83.0	124.4
160	44.1	36.1	54.1

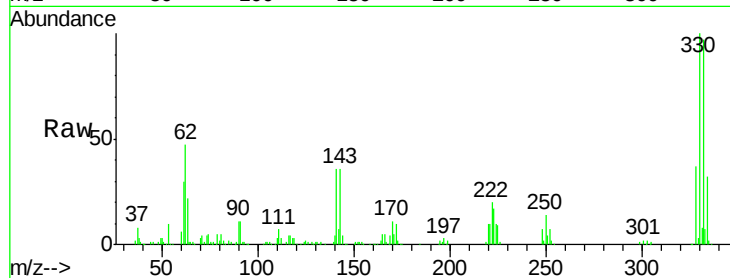




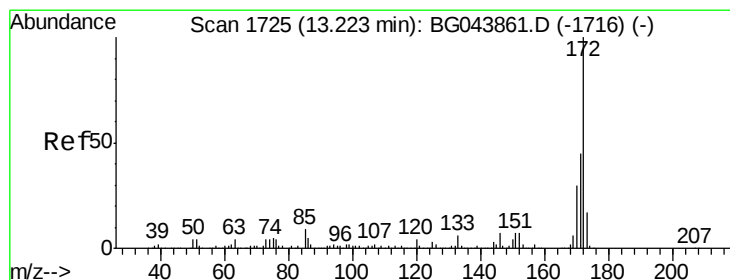
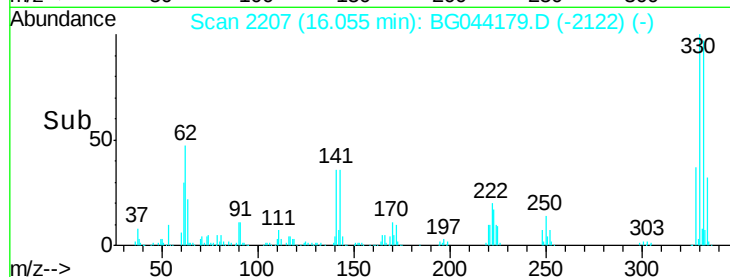
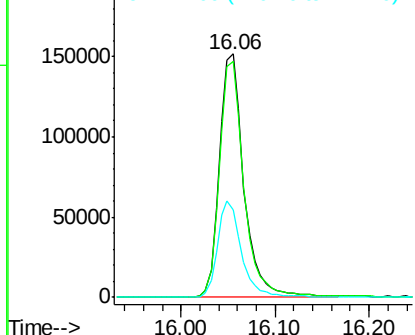
#42
 2,4,6-Tribromophenol
 Concen: 122.669 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044179.D
 Acq: 24 Jan 2020 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB126313BL

Tot Ion:330 Resp: 277237
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 38.8 33.1 49.7

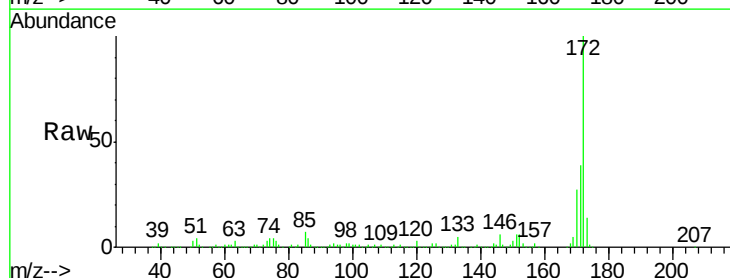


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

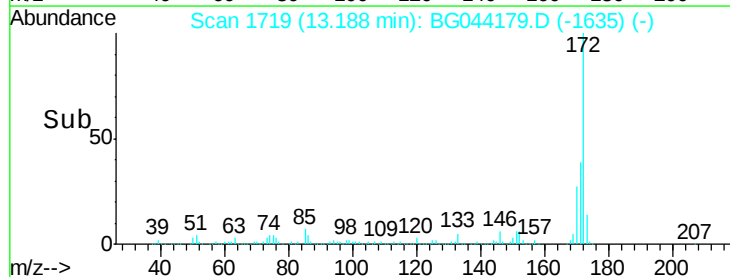
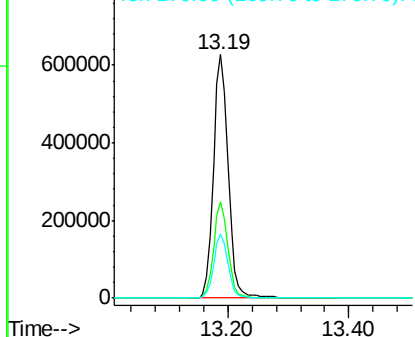


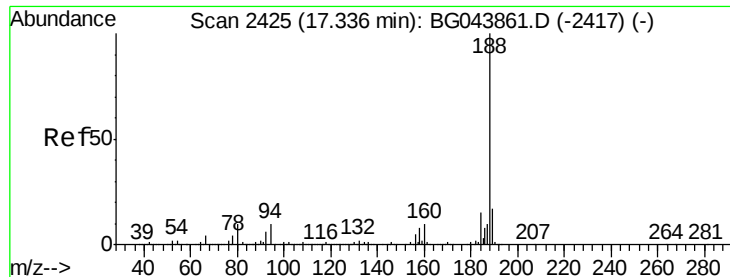
#45
 2-Fluorobiphenyl
 Concen: 88.555 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044179.D
 Acq: 24 Jan 2020 13:13

Tgt Ion:172 Resp: 1055592
 Ion Ratio Lower Upper
 172 100
 171 39.4 35.8 53.8
 170 26.5 24.2 36.4



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

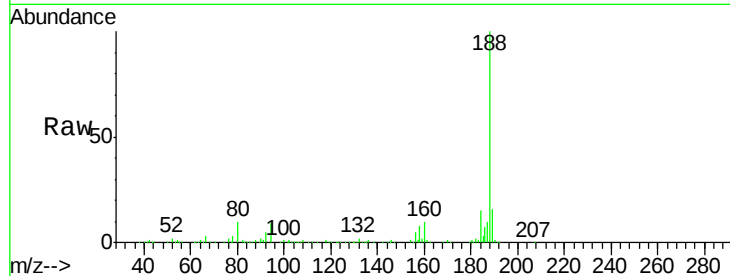




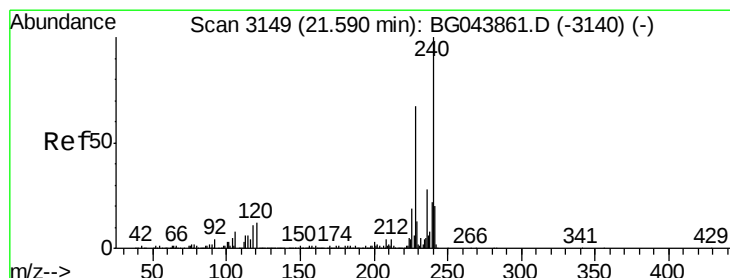
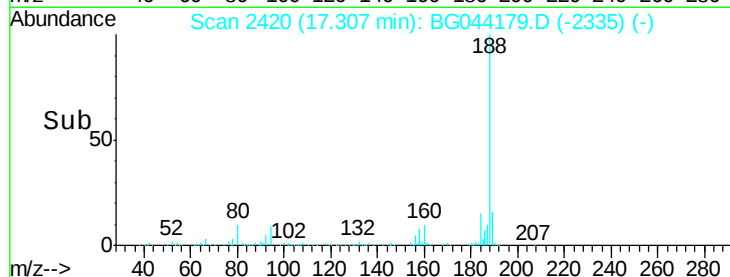
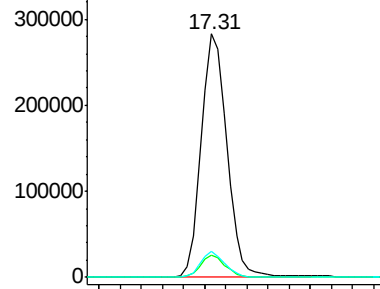
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044179.D
Acq: 24 Jan 2020 13:13

Instrument :
BNA_G
ClientSampleId :
PB126313BL

Tot Ion:188 Resp: 477622
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.4 8.2 12.4

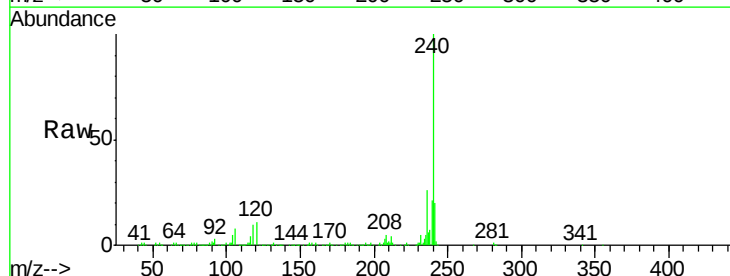


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

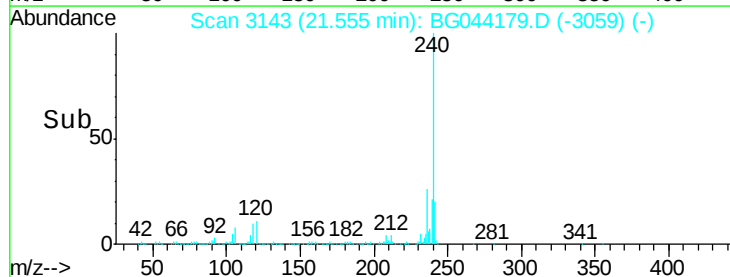
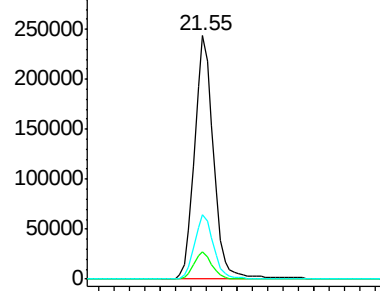


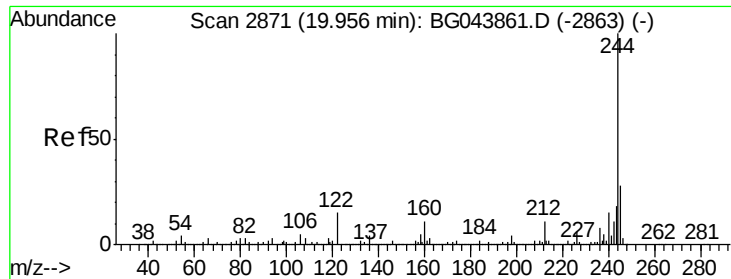
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044179.D
Acq: 24 Jan 2020 13:13

Tgt Ion:240 Resp: 417300
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 26.4 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: 98.658 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044179.D

Acq: 24 Jan 2020 13:13

Instrument :

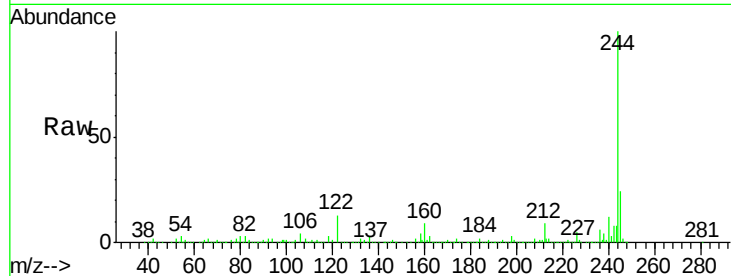
BNA_G

ClientSampleId :

PB126313BL

Tot Ion:244 Resp: 1638742

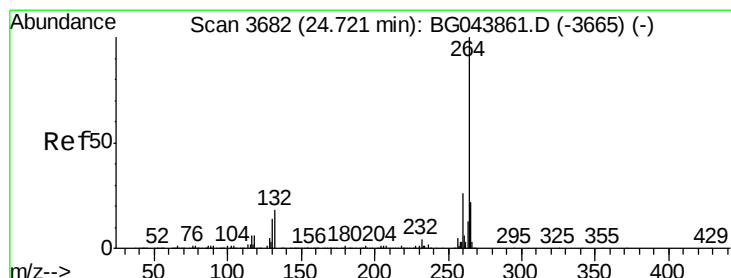
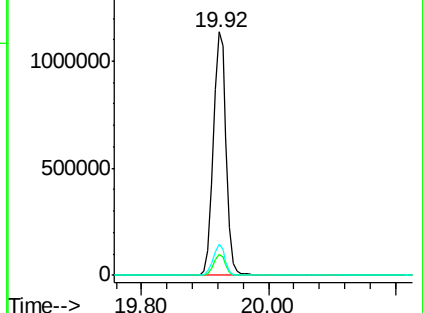
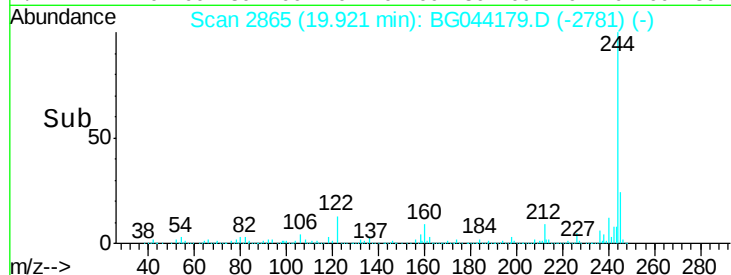
Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.6	13.0
122	12.6	11.9	17.9



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# 3672

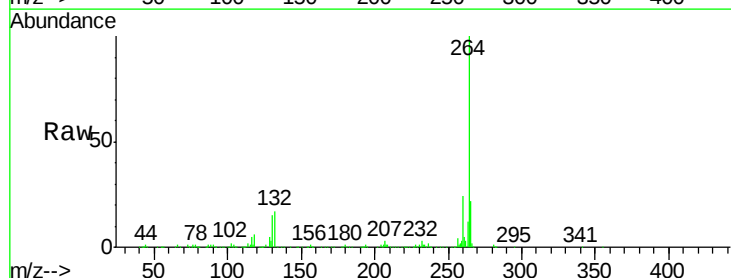
Delta R.T. -0.06 min

Lab File: BG044179.D

Acq: 24 Jan 2020 13:13

Tgt Ion:264 Resp: 454954

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	22.3	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

