

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063021\
 Data File : BG049144.D
 Acq On : 30 Jun 2021 17:05
 Operator : CG/JU
 Sample : PB137373BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137373BL

Quant Time: Jun 30 17:48:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	32628	20.000	ng	# 0.00
21) Naphthalene-d8	10.918	136	128270	20.000	ng	# 0.00
39) Acenaphthene-d10	14.737	164	91691	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	216888	20.000	ng	# 0.00
76) Chrysene-d12	21.770	240	231660	20.000	ng	0.00
86) Perylene-d12	25.078	264	238735	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	281197	134.986	ng	0.00
7) Phenol-d6	7.246	99	358989	120.872	ng	0.00
23) Nitrobenzene-d5	9.261	82	255492	84.449	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	197794	124.438	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	585442	86.142	ng	0.00
79) Terphenyl-d14	20.095	244	1106854	80.963	ng	0.00

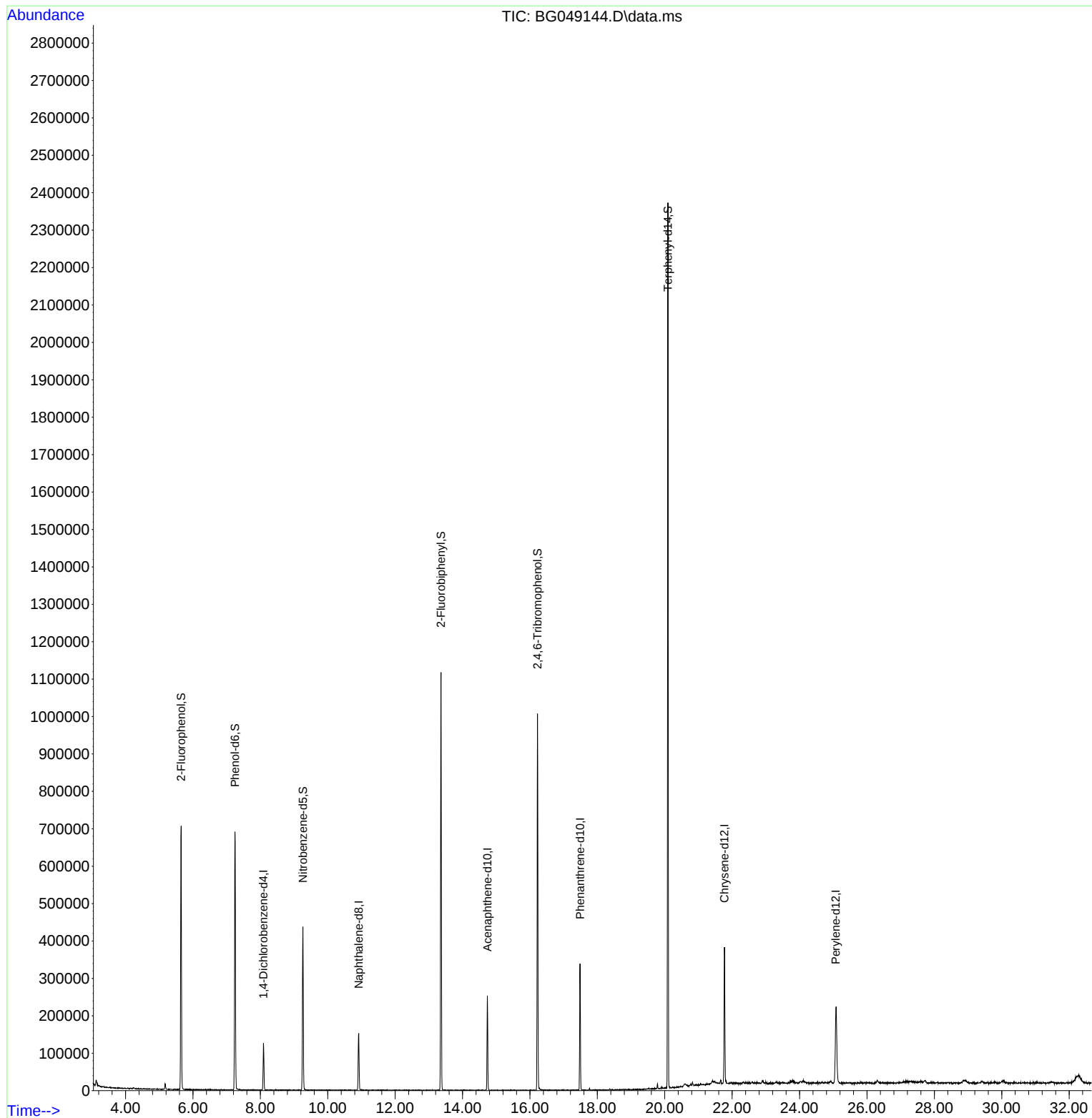
Target Compounds	Qvalue

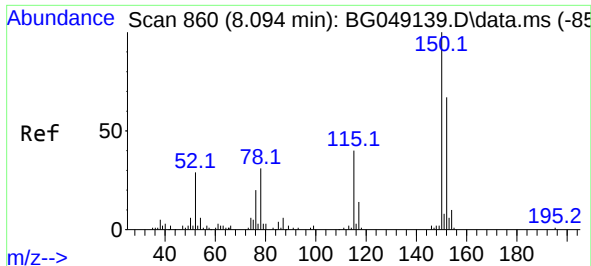
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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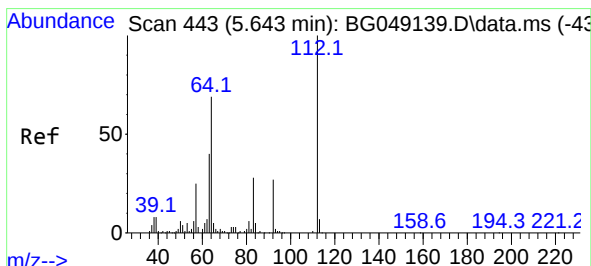
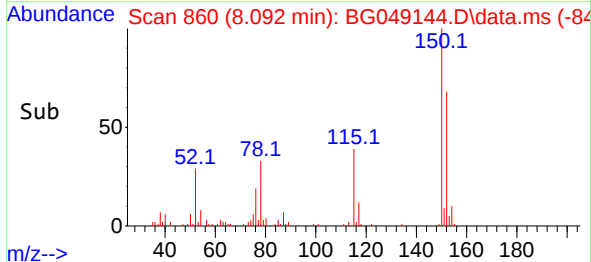
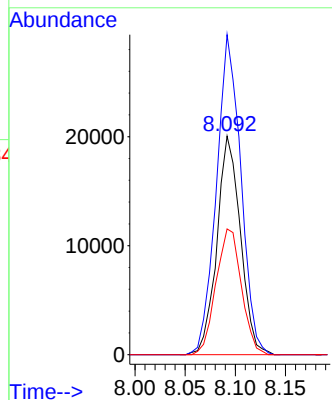
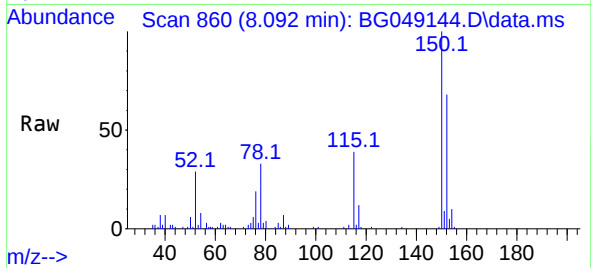




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.092 min Scan# 860
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

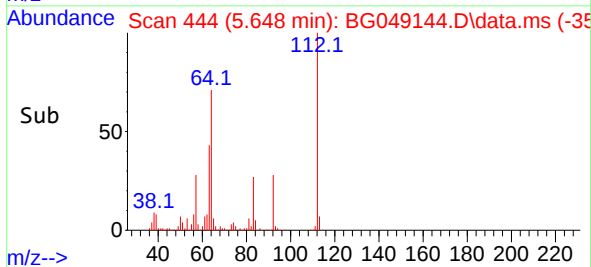
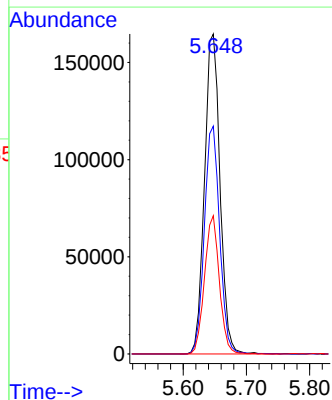
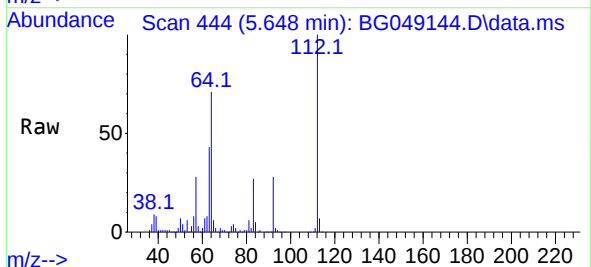
Instrument :
BNA_G
ClientSampleId :
PB137373BL

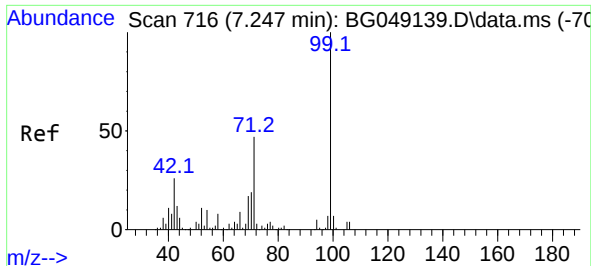
Tgt Ion:152 Resp: 32628
Ion Ratio Lower Upper
152 100
150 146.4 119.4 179.0
115 57.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 134.986 ng
RT: 5.648 min Scan# 444
Delta R.T. 0.004 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion:112 Resp: 281197
Ion Ratio Lower Upper
112 100
64 71.2 46.7 70.1#
63 43.2 35.3 52.9



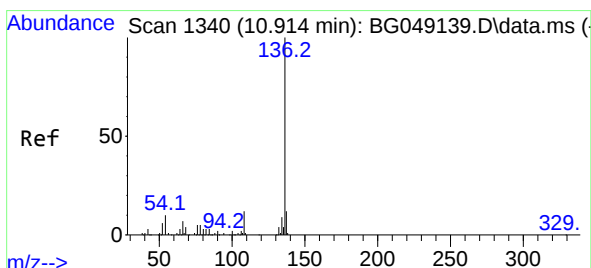
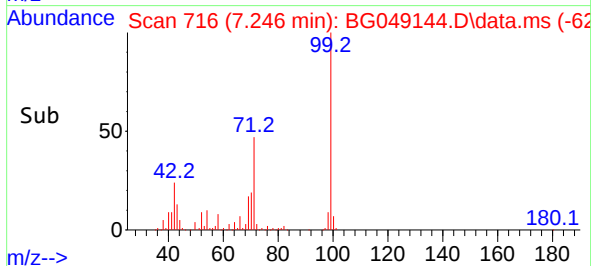
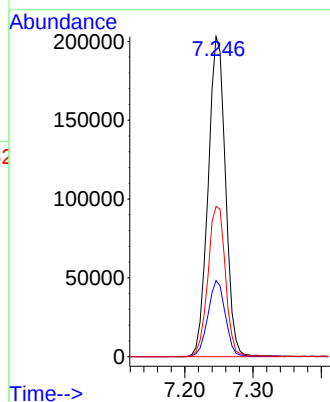
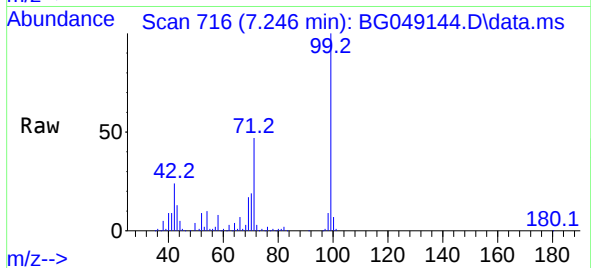


#7
Phenol-d6
Concen: 120.872 ng
RT: 7.246 min Scan# 716
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Instrument :
BNA_G
ClientSampleId :
PB137373BL

Tgt Ion: 99 Resp: 358989

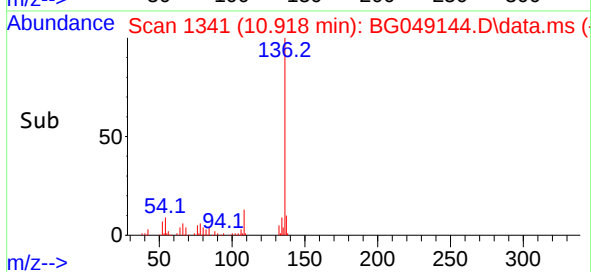
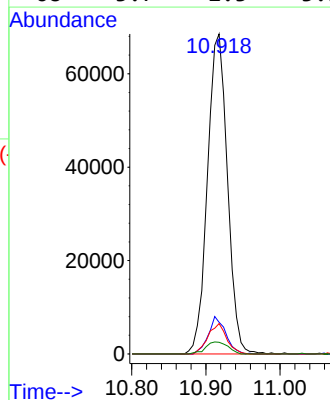
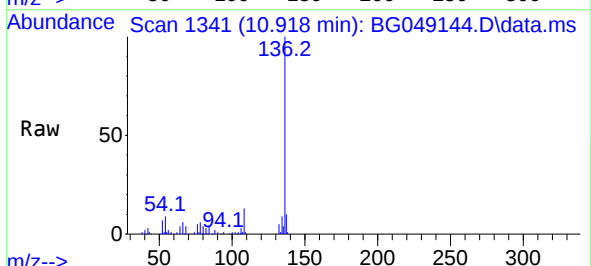
Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.5	30.7
71	46.9	41.5	62.3

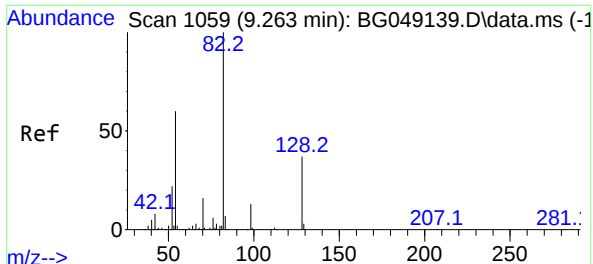


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 1341
Delta R.T. 0.004 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion: 136 Resp: 128270

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.2
54	9.5	5.5	8.3#
68	3.7	2.3	3.5#

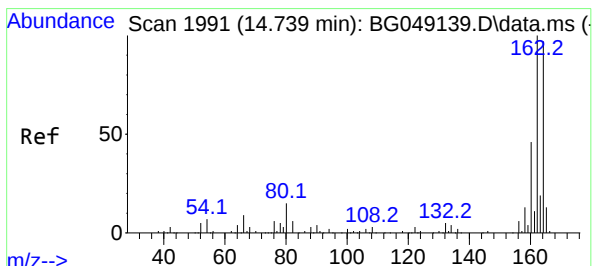
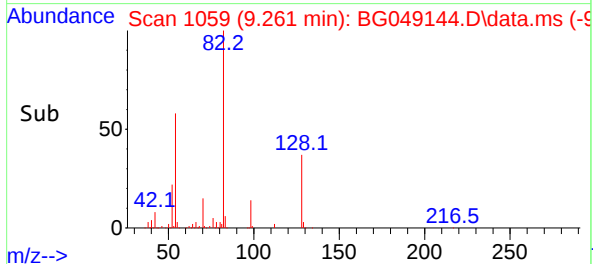
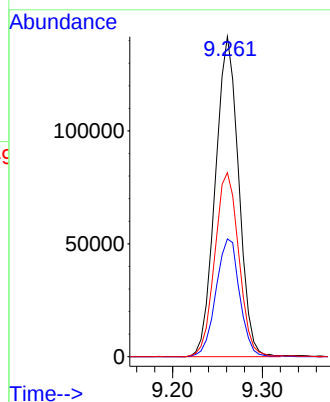
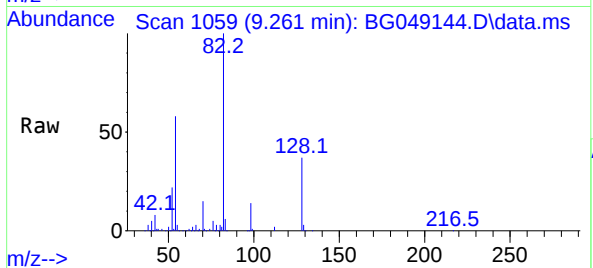




#23
Nitrobenzene-d5
Concen: 84.449 ng
RT: 9.261 min Scan# 1059
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

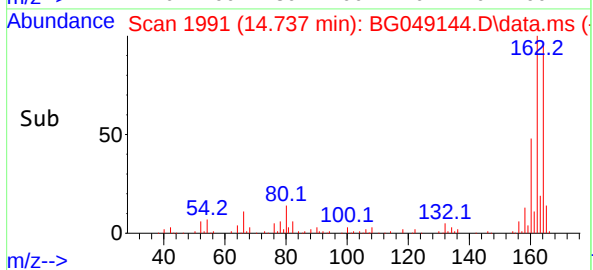
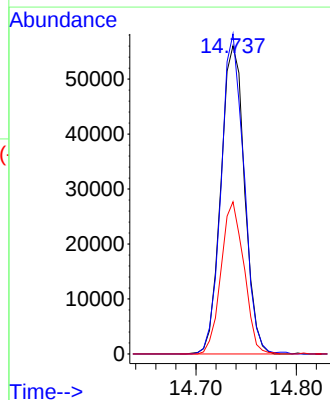
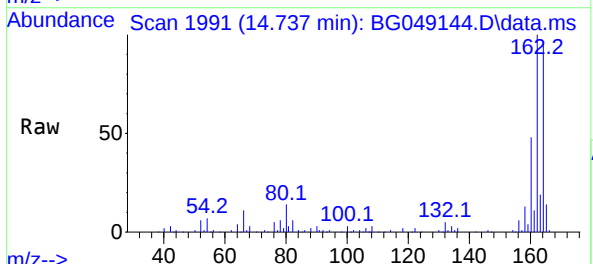
Instrument :
BNA_G
ClientSampleId :
PB137373BL

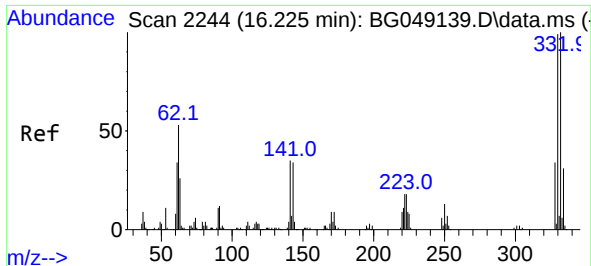
Tgt Ion: 82 Resp: 255492
Ion Ratio Lower Upper
82 100
128 36.8 29.8 44.6
54 57.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

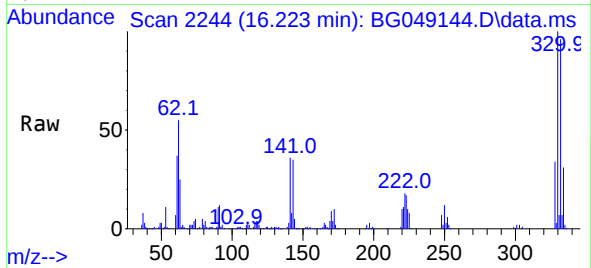
Tgt Ion:164 Resp: 91691
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 49.4 34.9 52.3



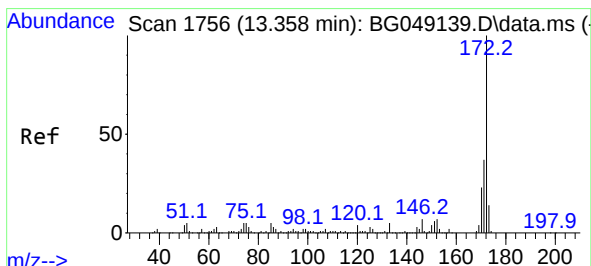
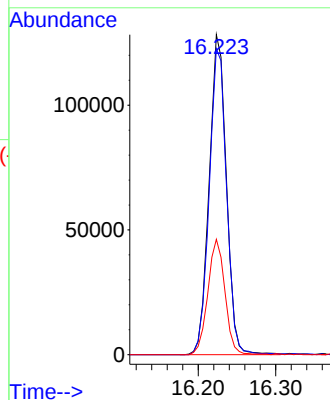
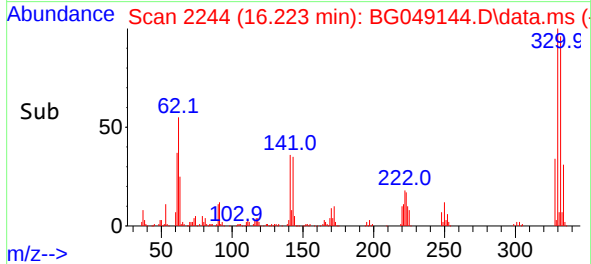


#42
2,4,6-Tribromophenol
Concen: 124.438 ng
RT: 16.223 min Scan# 2244
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

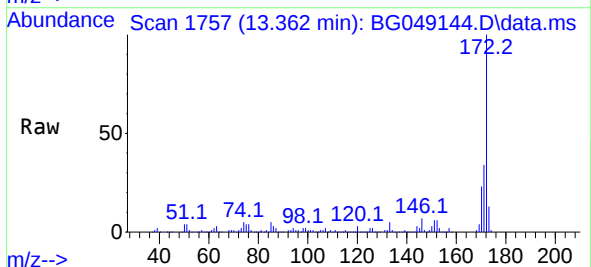
Instrument :
BNA_G
ClientSampleId :
PB137373BL



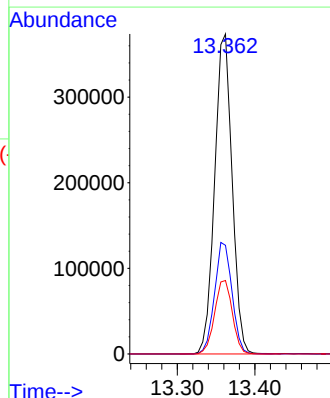
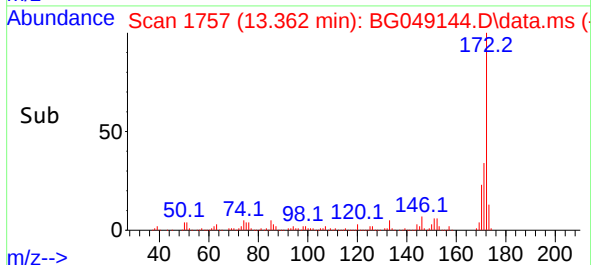
Tgt Ion:330 Resp: 197794
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.9 35.6 53.4

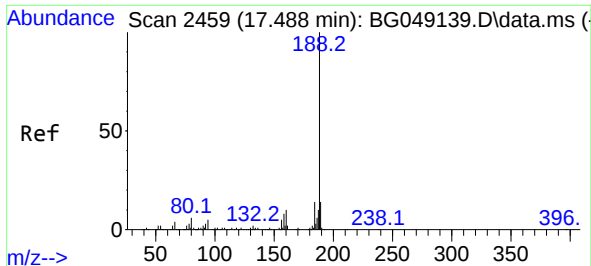


#45
2-Fluorobiphenyl
Concen: 86.142 ng
RT: 13.362 min Scan# 1757
Delta R.T. 0.004 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05



Tgt Ion:172 Resp: 585442
Ion Ratio Lower Upper
172 100
171 33.9 28.6 43.0
170 22.9 18.6 27.8

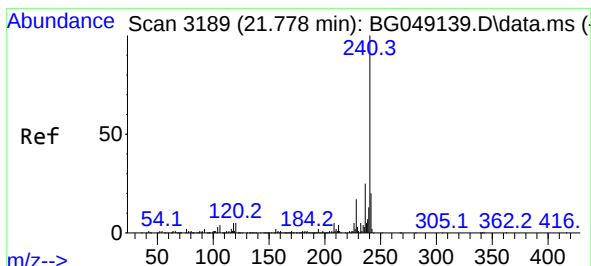
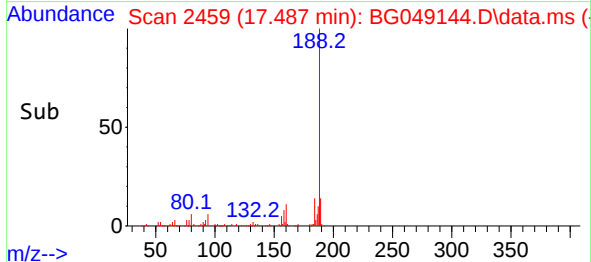
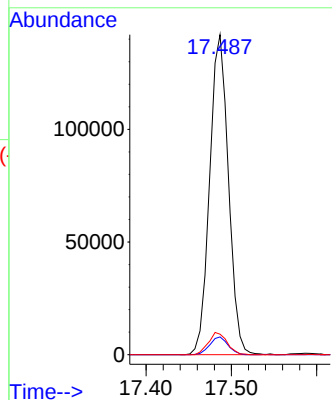
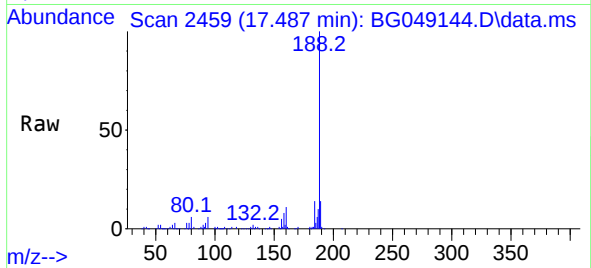




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2459
Delta R.T. -0.002 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

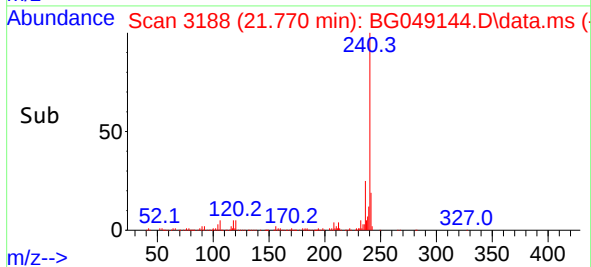
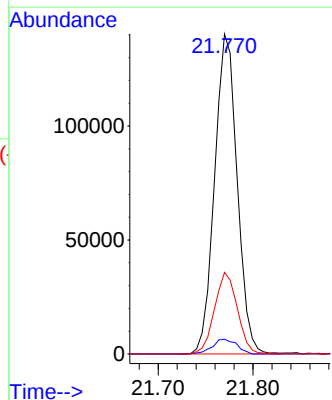
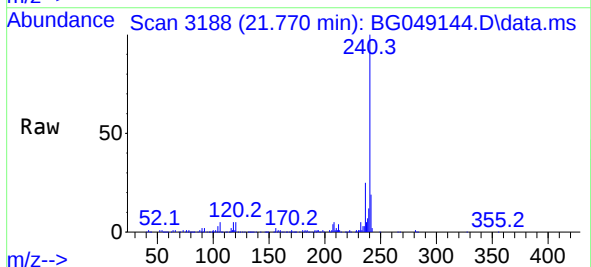
Instrument :
BNA_G
ClientSampleId :
PB137373BL

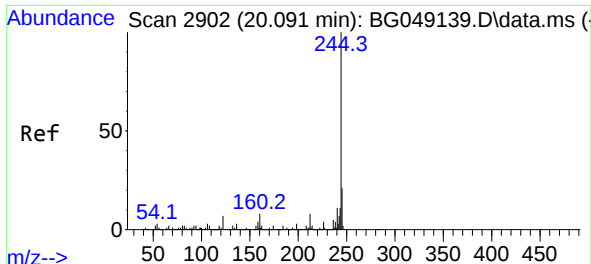
Tgt Ion:188 Resp: 216888
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.4 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3188
Delta R.T. -0.008 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion:240 Resp: 231660
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 25.5 21.8 32.6

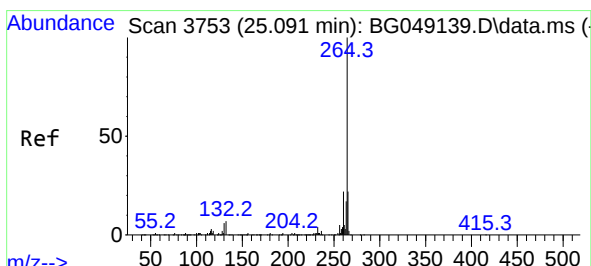
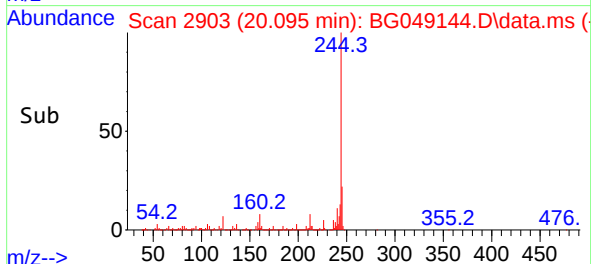
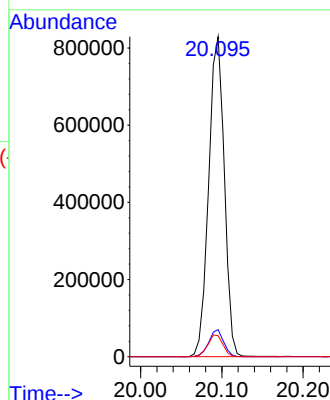
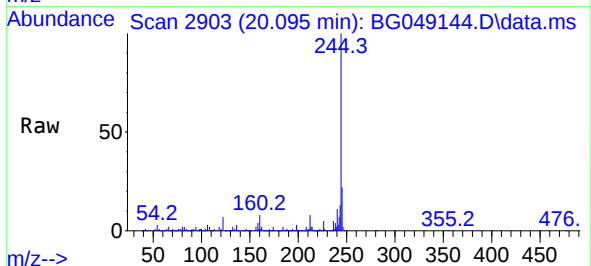




#79
Terphenyl-d14
Concen: 80.963 ng
RT: 20.095 min Scan# 2903
Delta R.T. 0.004 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Instrument :
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Tgt Ion:244 Resp: 1106854
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.6 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.078 min Scan# 3751
Delta R.T. -0.014 min
Lab File: BG049144.D
Acq: 30 Jun 2021 17:05

Tgt Ion:264 Resp: 238735
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.2
265 21.5 16.9 25.3

