

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049150.D
 Acq On : 1 Jul 2021 12:30
 Operator : CG/JU
 Sample : PB137435BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137435BL

Quant Time: Jul 01 13:40:55 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	8.091	152	28857	20.000	ng	# 0.00
21) Naphthalene-d8	10.912	136	115684	20.000	ng	# 0.00
39) Acenaphthene-d10	14.737	164	85805	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	215536	20.000	ng	# 0.00
76) Chrysene-d12	21.770	240	228514	20.000	ng	0.00
86) Perylene-d12	25.083	264	234291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	228376	123.956	ng	0.00
7) Phenol-d6	7.245	99	297580	113.289	ng	0.00
23) Nitrobenzene-d5	9.261	82	208830	76.535	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	177516	119.341	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	500445	78.687	ng	0.00
79) Terphenyl-d14	20.089	244	1018762	75.545	ng	0.00

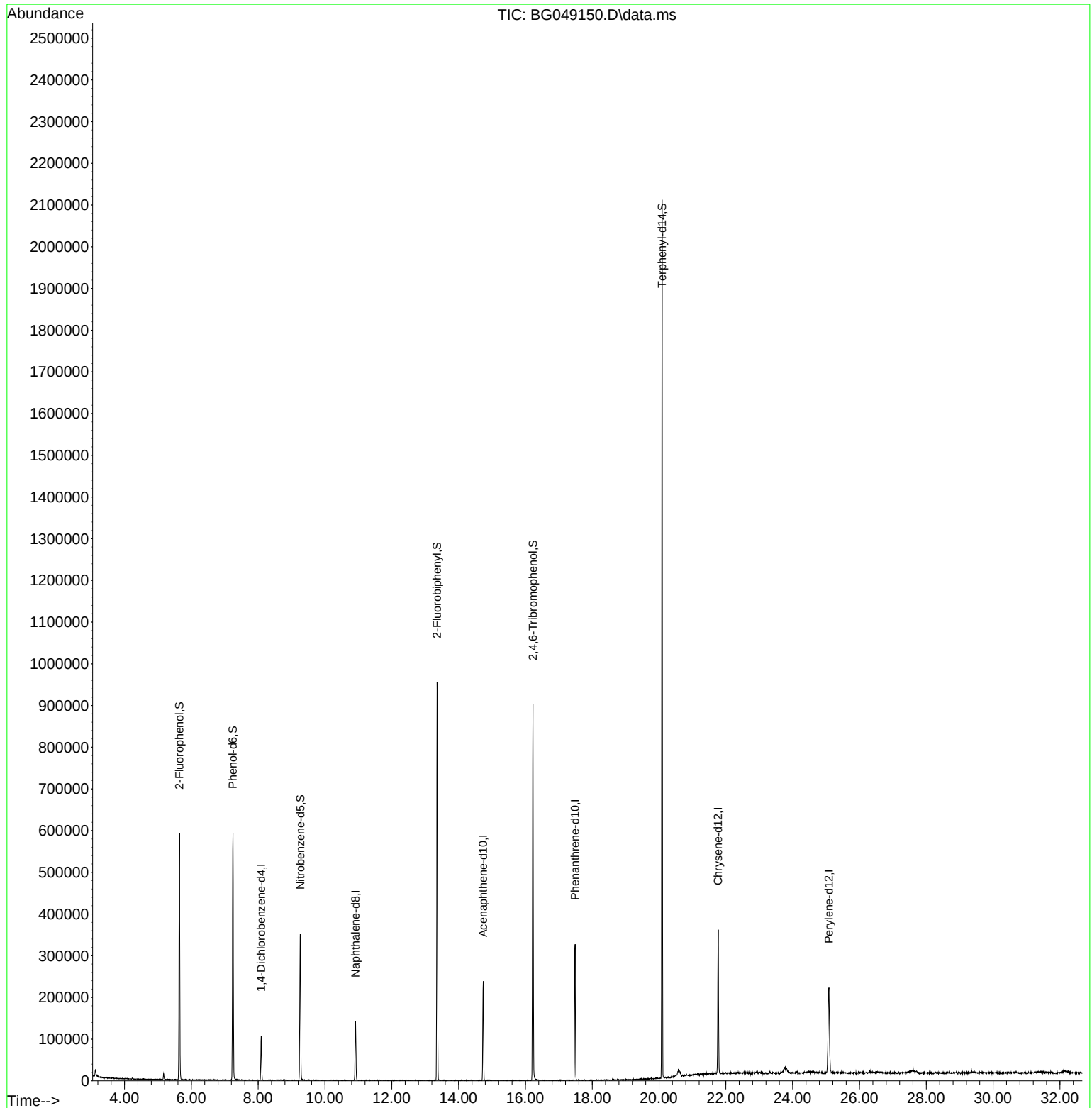
Target Compounds	Qvalue

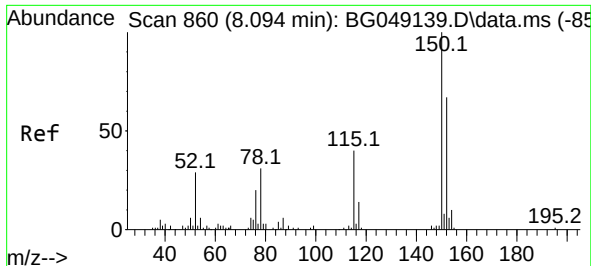
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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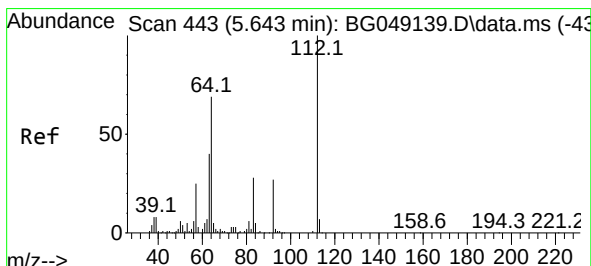
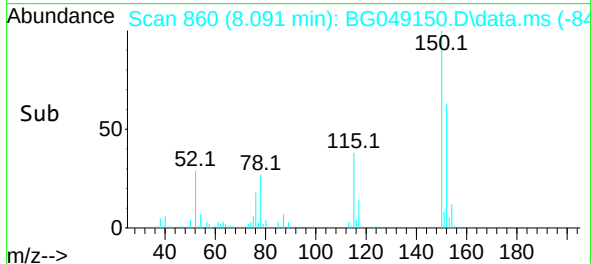
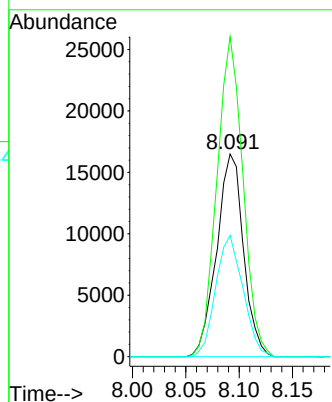
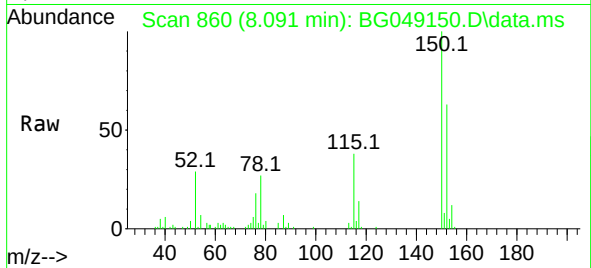




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 860
Delta R.T. -0.003 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

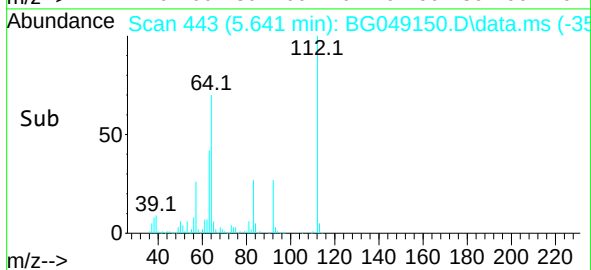
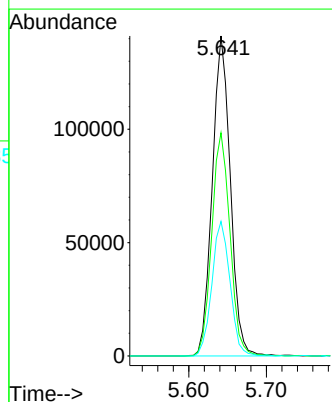
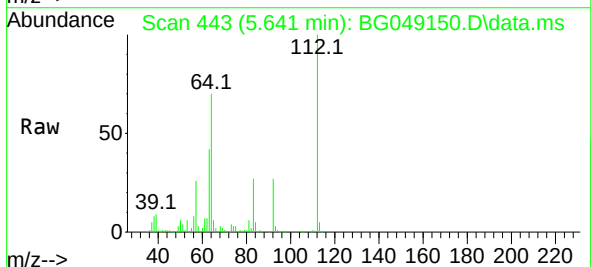
Instrument :
BNA_G
ClientSampleId :
PB137435BL

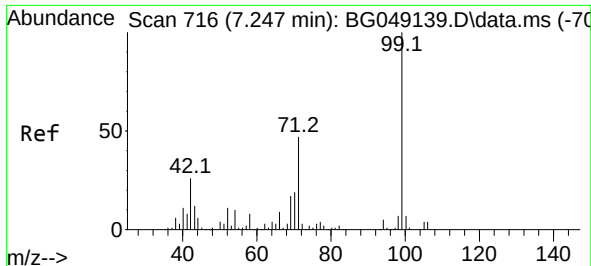
Tgt Ion:152 Resp: 28857
Ion Ratio Lower Upper
152 100
150 157.8 119.4 179.0
115 59.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 123.956 ng
RT: 5.641 min Scan# 443
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:112 Resp: 228376
Ion Ratio Lower Upper
112 100
64 69.8 46.7 70.1
63 42.0 35.3 52.9

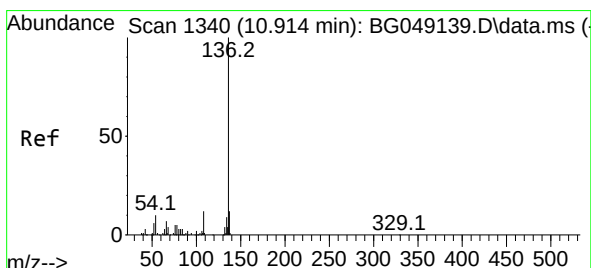
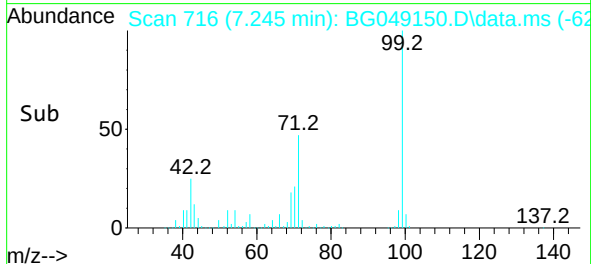
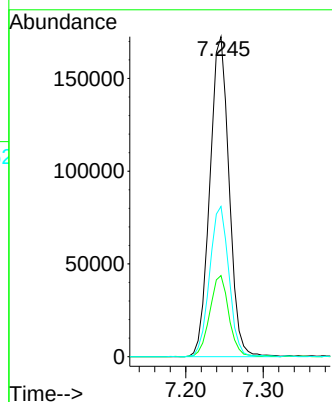
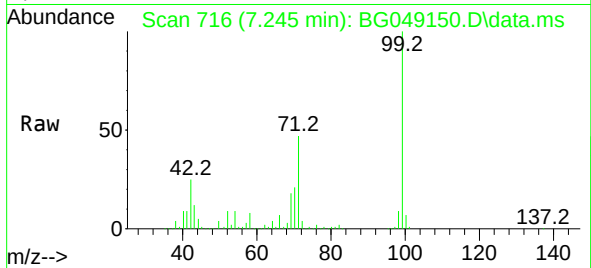




#7
Phenol-d6
Concen: 113.289 ng
RT: 7.245 min Scan# 716
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

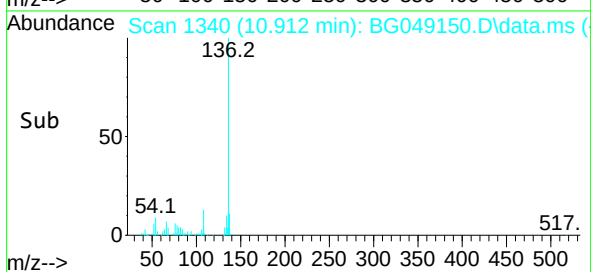
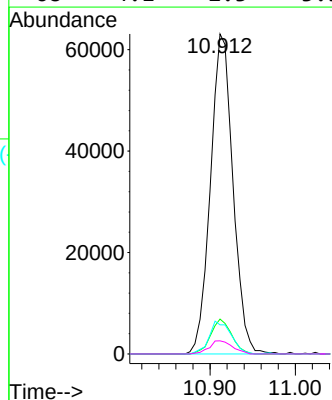
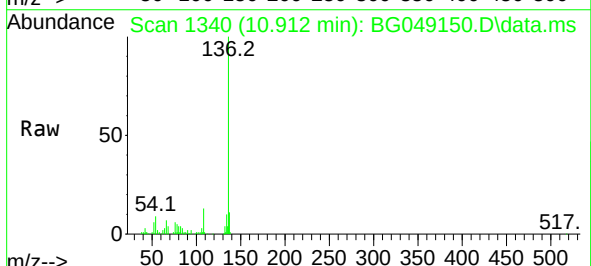
Instrument :
BNA_G
ClientSampleId :
PB137435BL

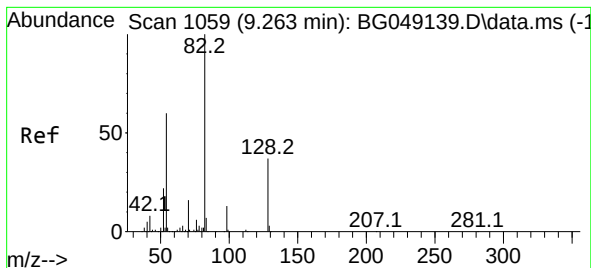
Tgt Ion: 99 Resp: 297580
Ion Ratio Lower Upper
99 100
42 25.3 20.5 30.7
71 47.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 1340
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:136 Resp: 115684
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 9.1 5.5 8.3#
68 4.1 2.3 3.5#

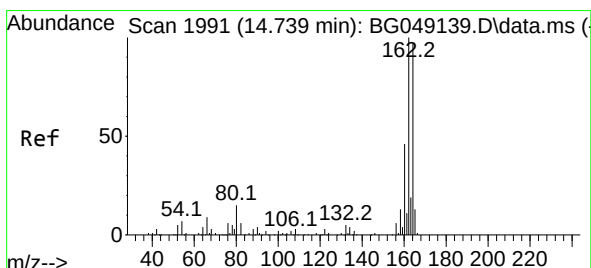
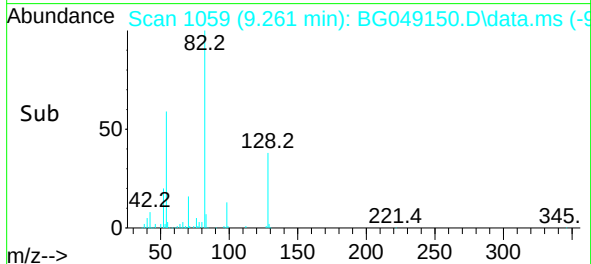
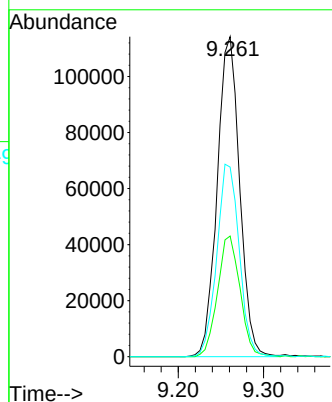
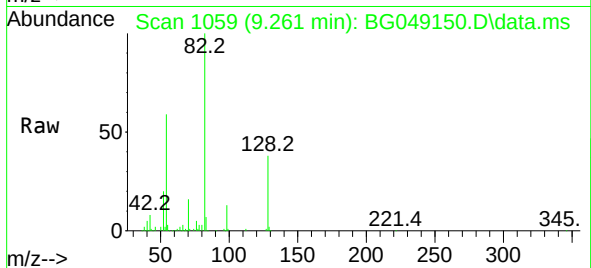




#23
Nitrobenzene-d5
Concen: 76.535 ng
RT: 9.261 min Scan# 1059
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

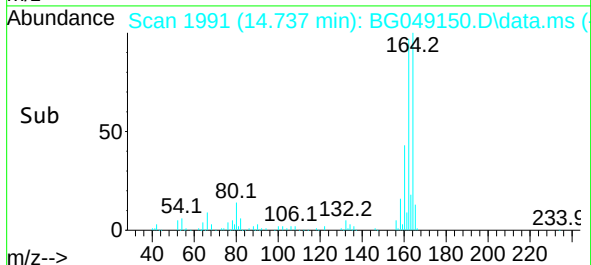
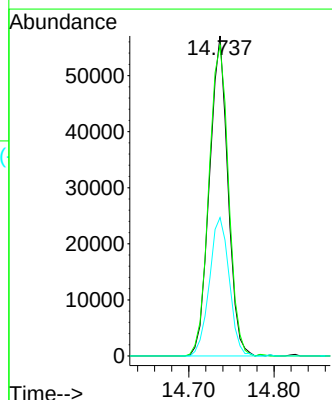
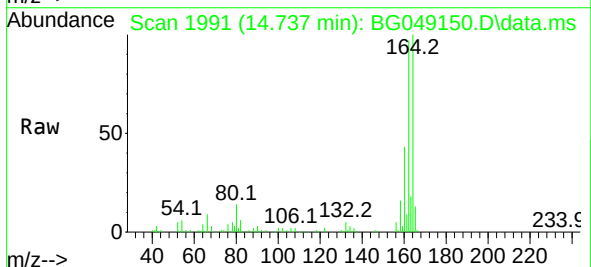
Instrument :
BNA_G
ClientSampleId :
PB137435BL

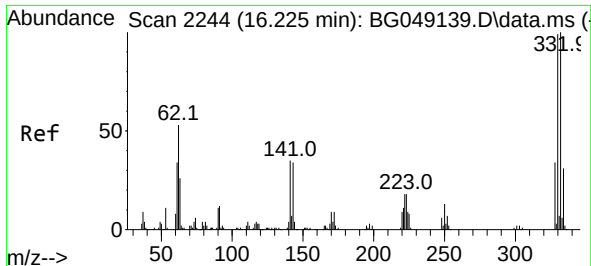
Tgt Ion: 82 Resp: 208830
Ion Ratio Lower Upper
82 100
128 37.7 29.8 44.6
54 59.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:164 Resp: 85805
Ion Ratio Lower Upper
164 100
162 97.1 81.4 122.0
160 43.2 34.9 52.3

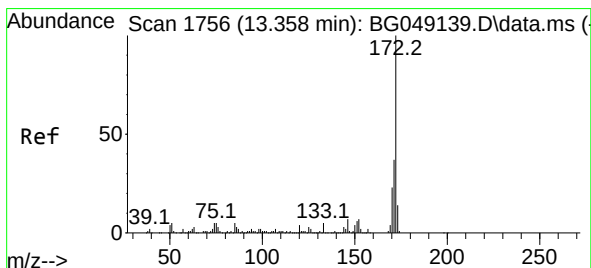
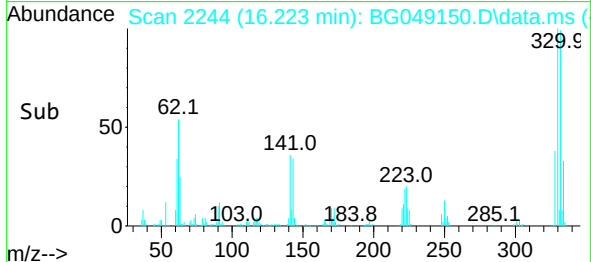
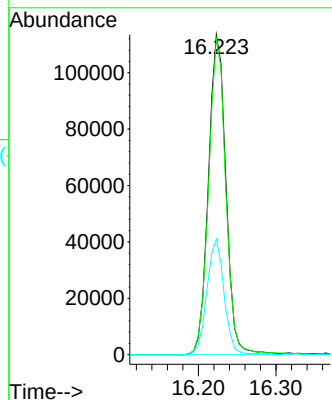
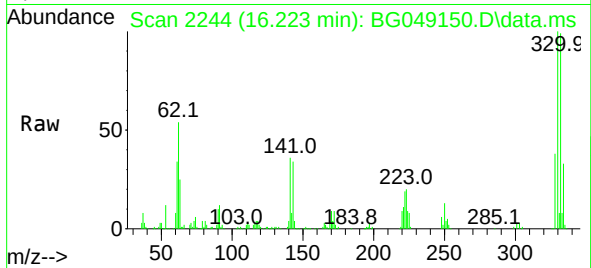




#42
2,4,6-Tribromophenol
Concen: 119.341 ng
RT: 16.223 min Scan# 2244
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

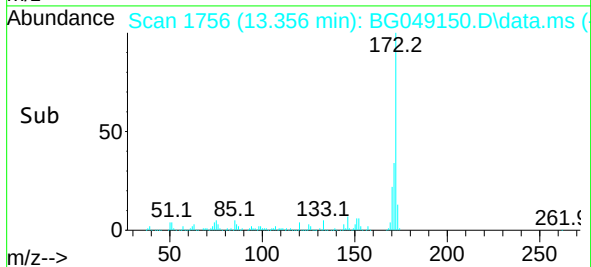
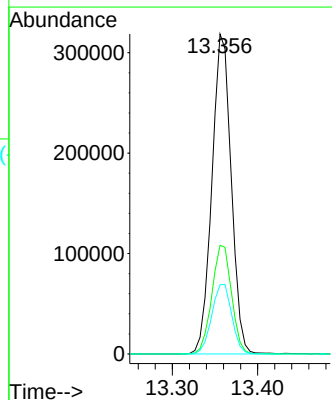
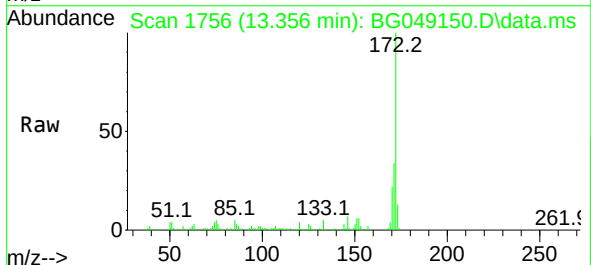
Instrument :
BNA_G
ClientSampleId :
PB137435BL

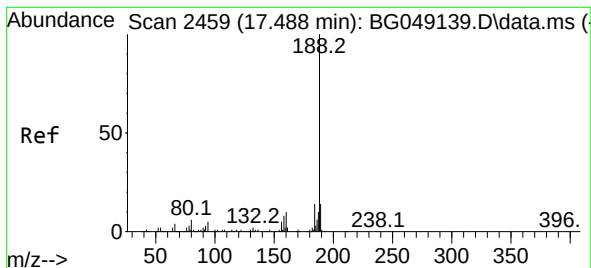
Tgt Ion:330 Resp: 177516
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 35.4 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 78.687 ng
RT: 13.356 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:172 Resp: 500445
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 21.6 18.6 27.8

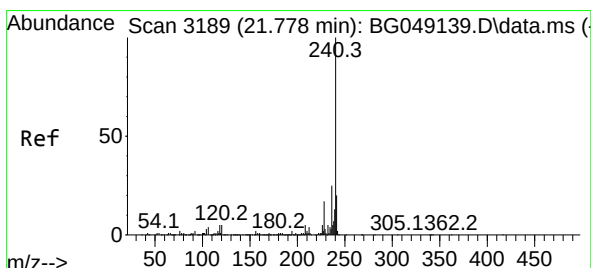
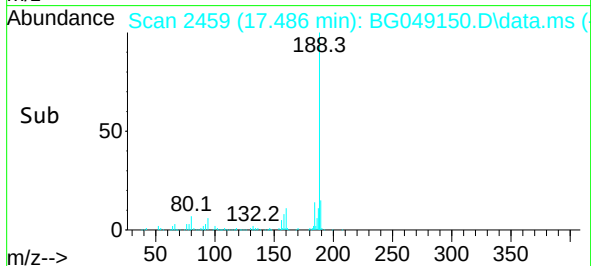
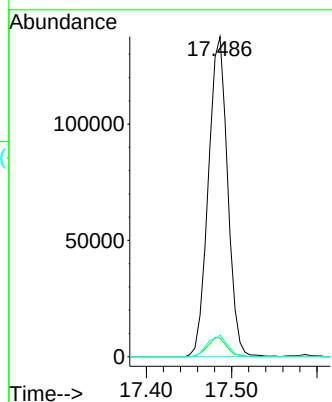
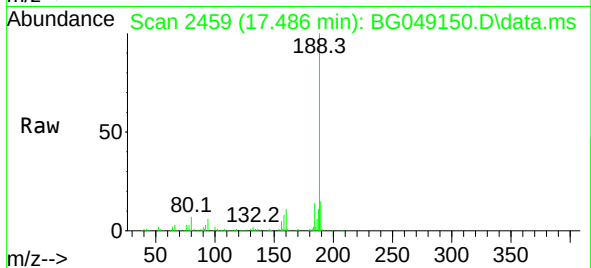




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2459
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

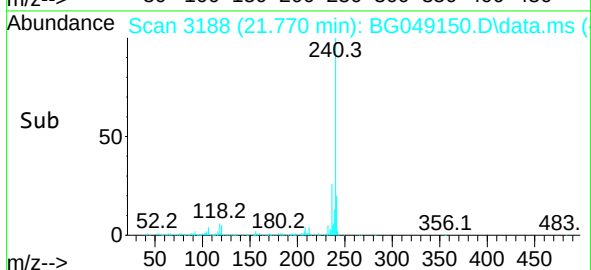
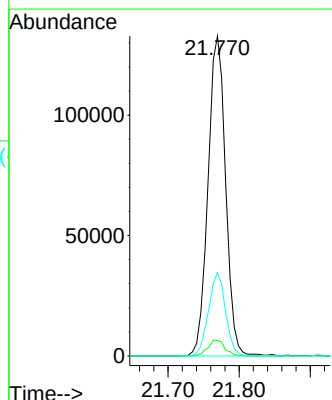
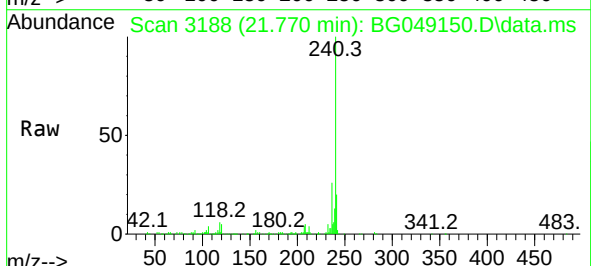
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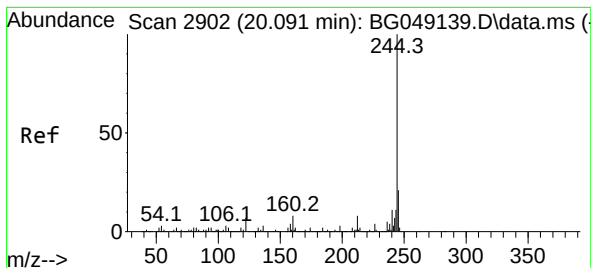
Tgt Ion:188 Resp: 215536
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 6.8 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3188
Delta R.T. -0.008 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:240 Resp: 228514
Ion Ratio Lower Upper
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120 4.9 4.2 6.2
236 26.1 21.8 32.6

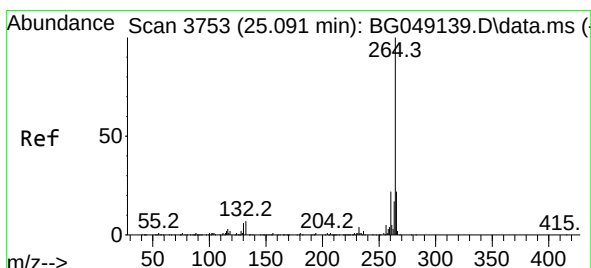
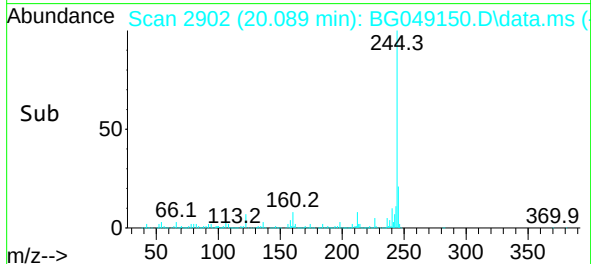
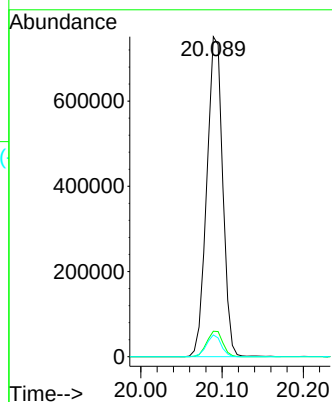
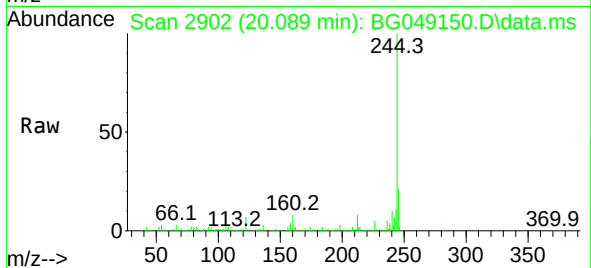




#79
Terphenyl-d14
Concen: 75.545 ng
RT: 20.089 min Scan# 2902
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Instrument :
BNA_G
ClientSampleId :
PB137435BL

Tgt Ion:244 Resp: 1018762
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 6.8 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.083 min Scan# 3752
Delta R.T. -0.008 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:264 Resp: 234291
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 20.9 16.9 25.3

