

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050553.D
 Acq On : 12 Oct 2021 15:01
 Operator : CG/JU
 Sample : M4121-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26982

Quant Time: Oct 12 15:40:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	50283	20.00	ng	0.00
21) Naphthalene-d8	11.088	136	220056	20.00	ng	# 0.00
39) Acenaphthene-d10	14.877	164	145794	20.00	ng	0.00
64) Phenanthrene-d10	17.621	188	298412	20.00	ng	# 0.00
76) Chrysene-d12	21.922	240	258060	20.00	ng	# 0.00
86) Perylene-d12	25.342	264	254664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	323690	96.27	ng	0.00
7) Phenol-d6	7.404	99	479655	98.53	ng	0.00
23) Nitrobenzene-d5	9.431	82	338076	63.60	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	112529	80.92	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	624742	64.49	ng	0.00
79) Terphenyl-d14	20.212	244	843730	63.72	ng	0.00

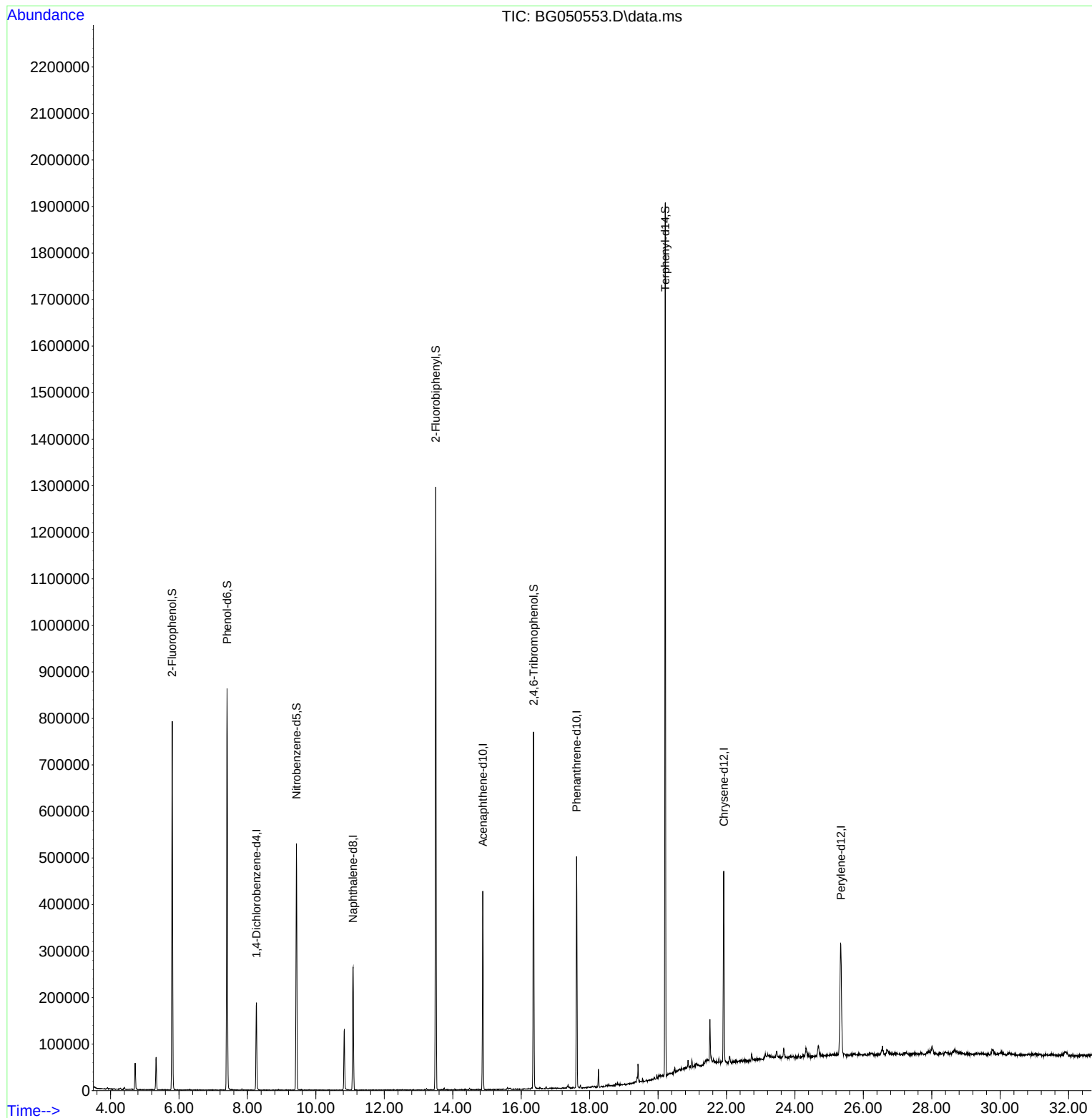
Target Compounds	Qvalue
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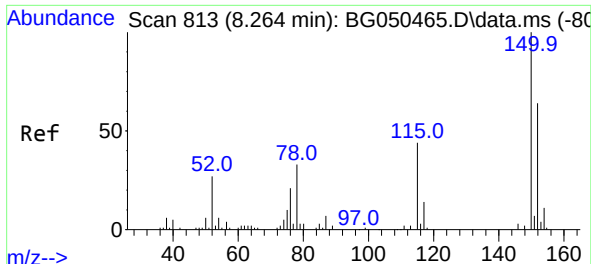
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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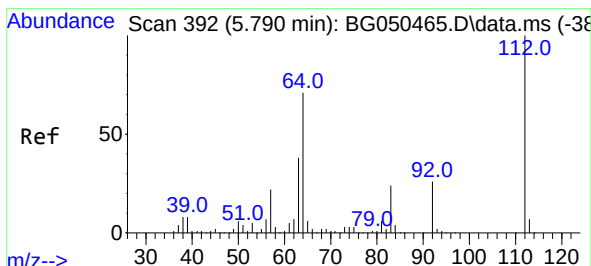
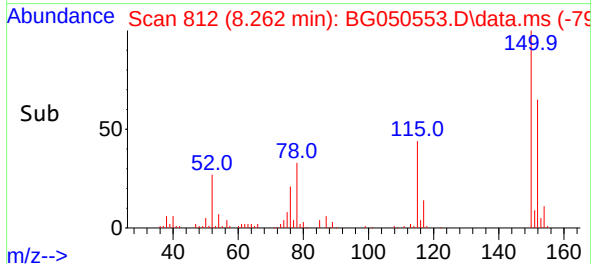
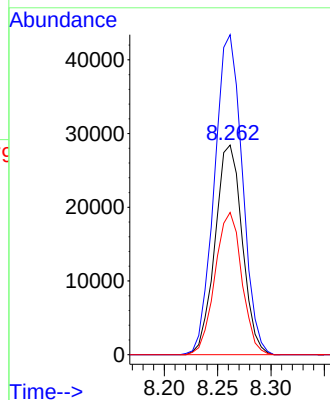
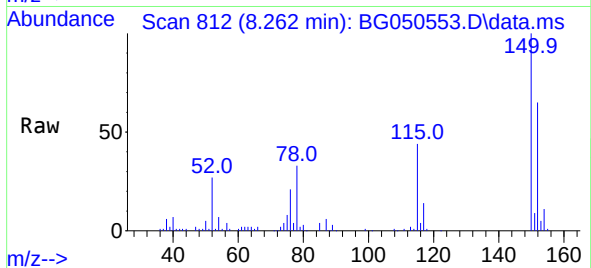




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.262 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

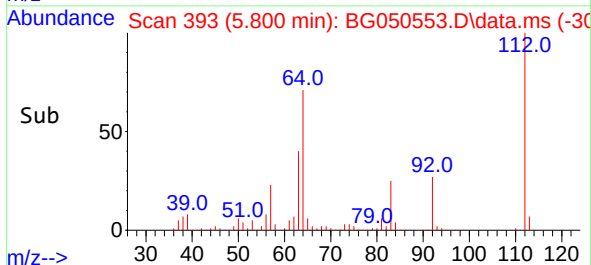
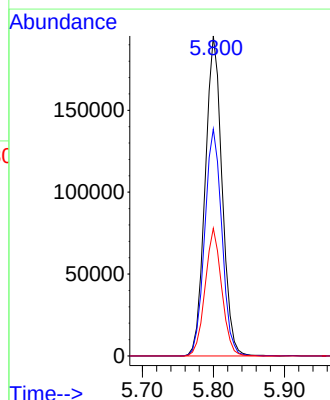
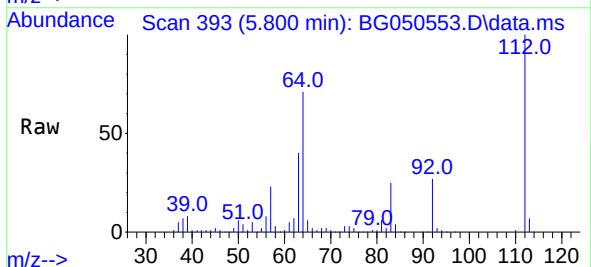
Instrument :
BNA_G
ClientSampleId :
26982

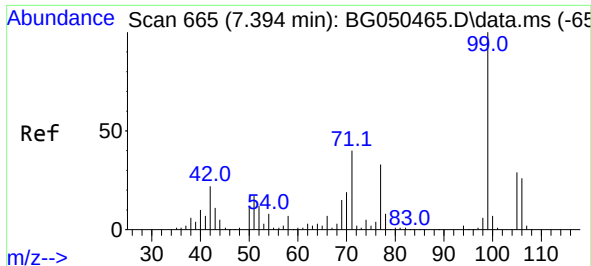
Tgt Ion:152 Resp: 50283
Ion Ratio Lower Upper
152 100
150 152.7 119.4 179.0
115 67.9 60.2 90.4



#5
2-Fluorophenol
Concen: 96.27 ng
RT: 5.800 min Scan# 393
Delta R.T. 0.010 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

Tgt Ion:112 Resp: 323690
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 39.9 35.3 52.9

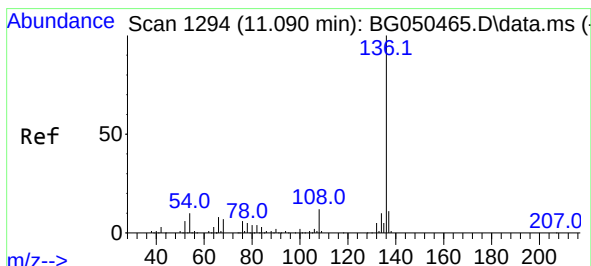
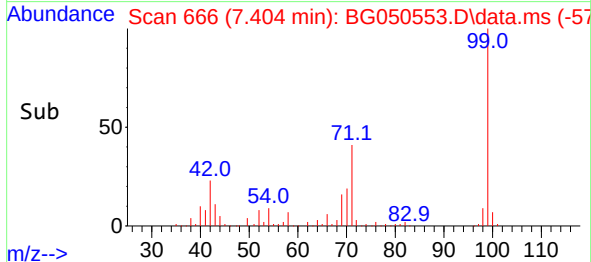
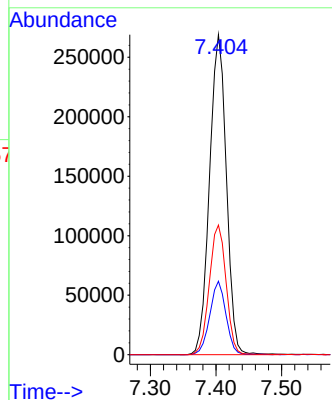
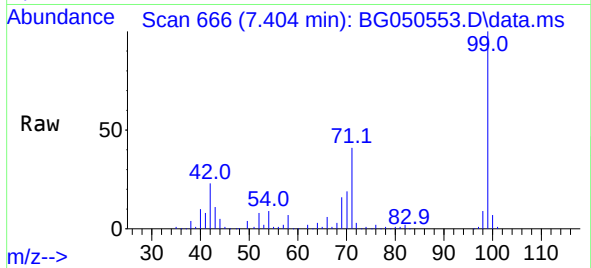




#7
Phenol-d6
Concen: 98.53 ng
RT: 7.404 min Scan# 666
Delta R.T. 0.010 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

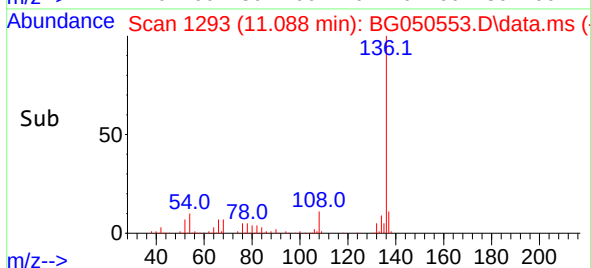
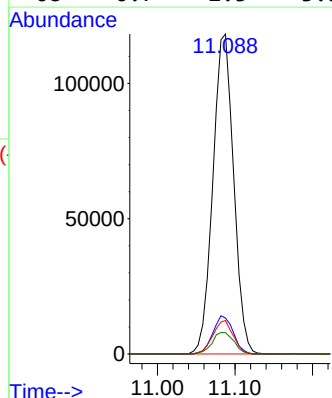
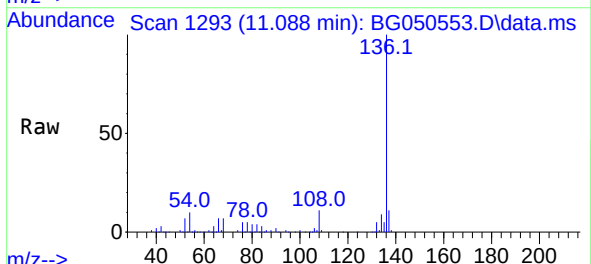
Instrument :
BNA_G
ClientSampleId :
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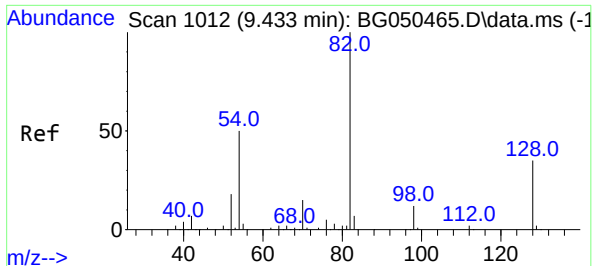
Tgt Ion: 99 Resp: 479655
Ion Ratio Lower Upper
99 100
42 22.9 20.5 30.7
71 40.5 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.088 min Scan# 1293
Delta R.T. -0.002 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

Tgt Ion: 136 Resp: 220056
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 10.4 5.5 8.3#
68 6.7 2.3 3.5#

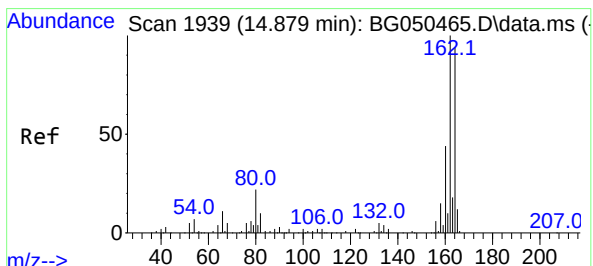
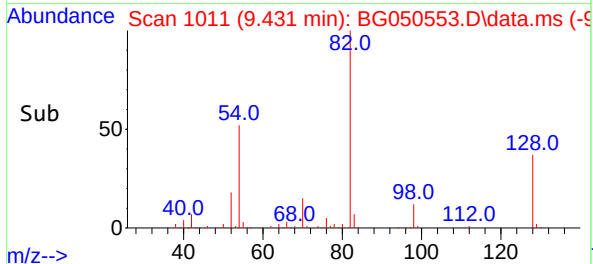
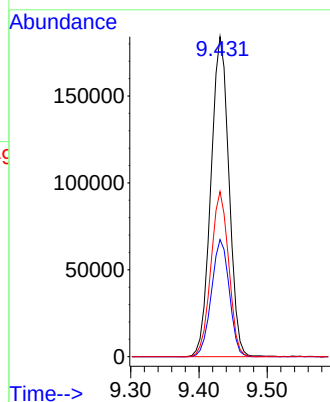
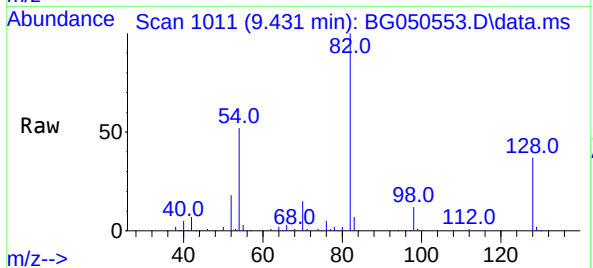




#23
Nitrobenzene-d5
Concen: 63.60 ng
RT: 9.431 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

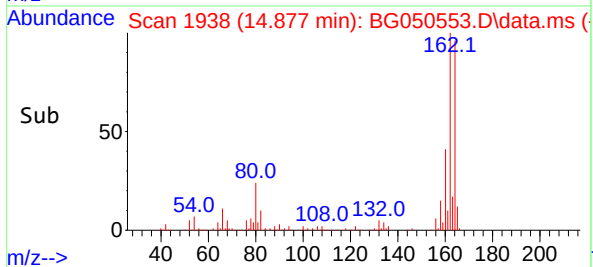
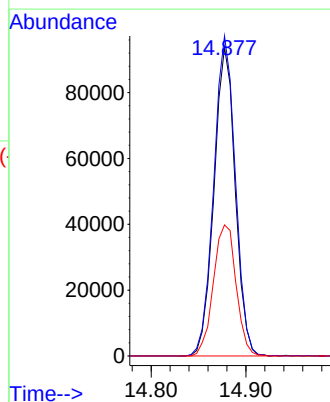
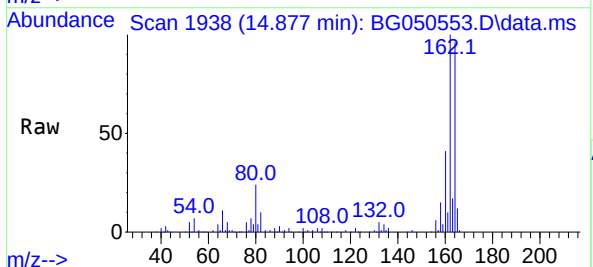
Instrument :
BNA_G
ClientSampleId :
26982

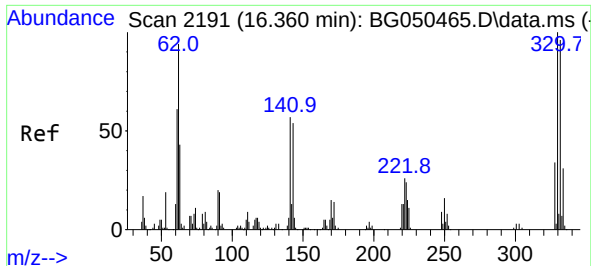
Tgt Ion: 82 Resp: 338076
Ion Ratio Lower Upper
82 100
128 36.6 29.8 44.6
54 51.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

Tgt Ion:164 Resp: 145794
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 42.5 34.9 52.3

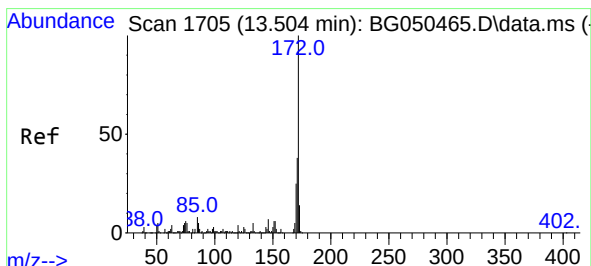
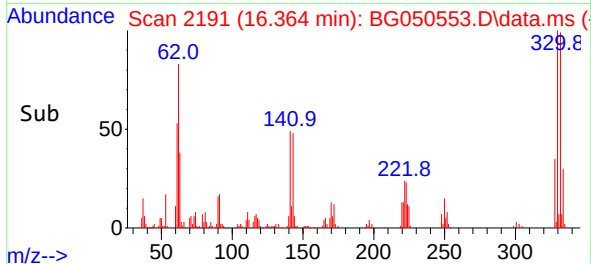
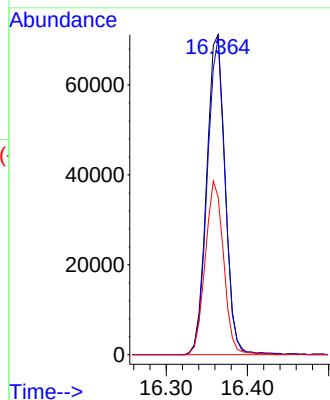
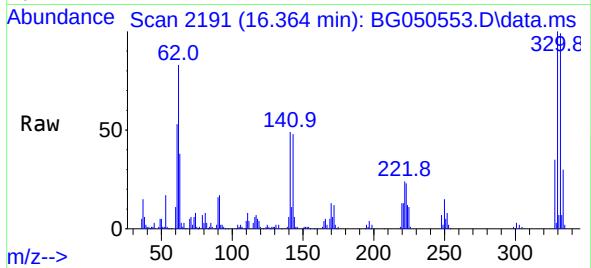




#42
2,4,6-Tribromophenol
Concen: 80.92 ng
RT: 16.364 min Scan# 2191
Delta R.T. 0.004 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

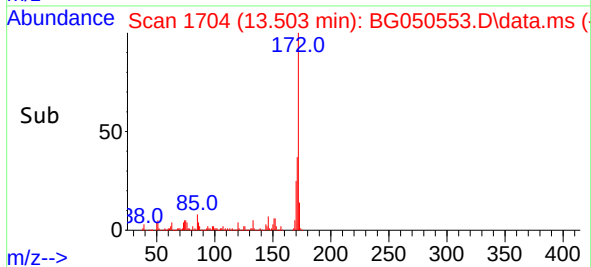
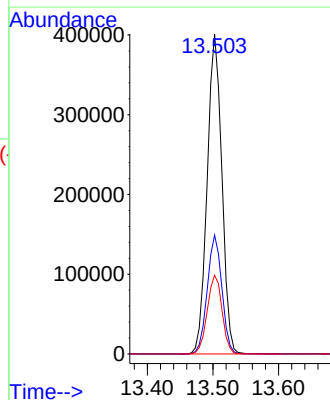
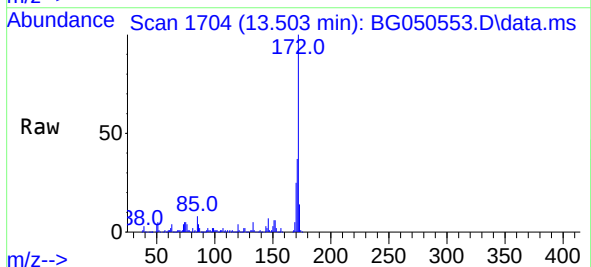
Instrument :
BNA_G
ClientSampleId :
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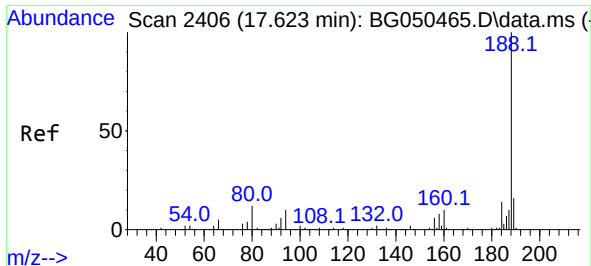
Tgt Ion:330 Resp: 112529
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 54.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 64.49 ng
RT: 13.503 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

Tgt Ion:172 Resp: 624742
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.6 18.6 27.8

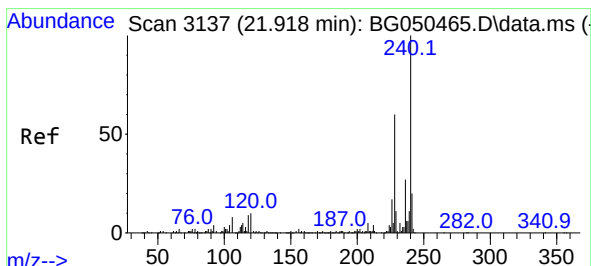
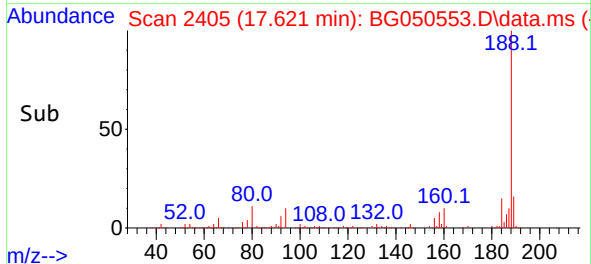
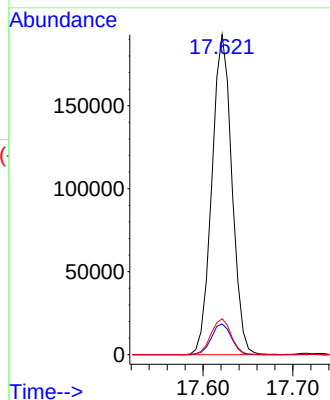
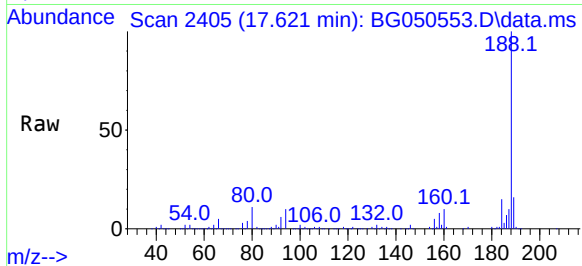




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.621 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

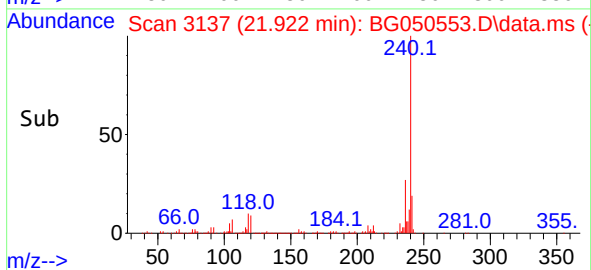
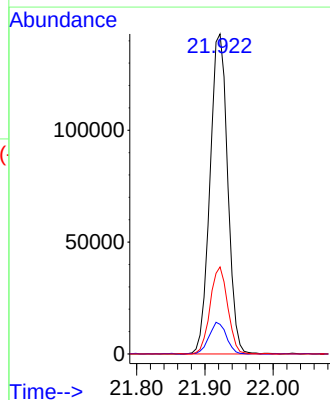
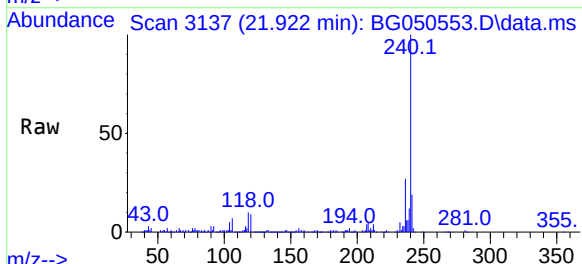
Instrument :
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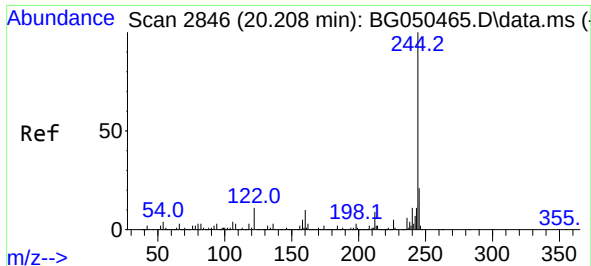
Tgt Ion:188 Resp: 298412
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.922 min Scan# 3137
Delta R.T. 0.004 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

Tgt Ion:240 Resp: 258060
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 27.2 21.8 32.6

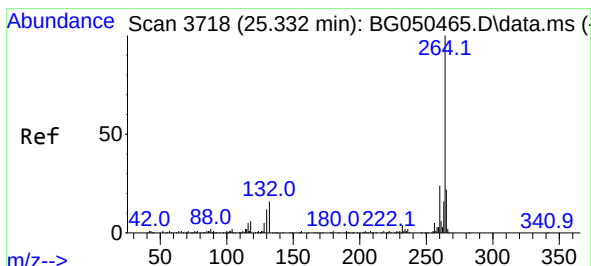
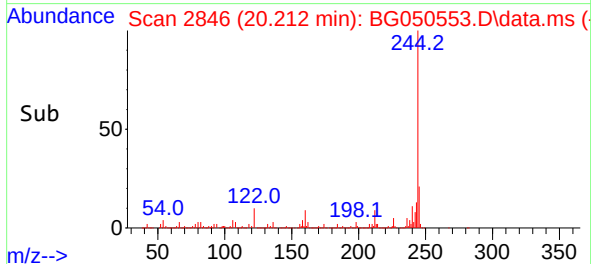
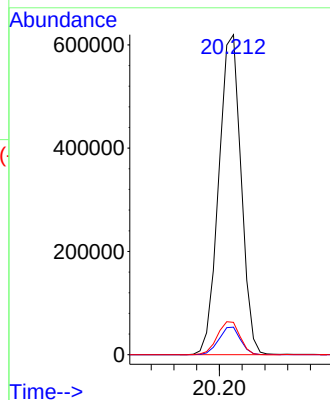
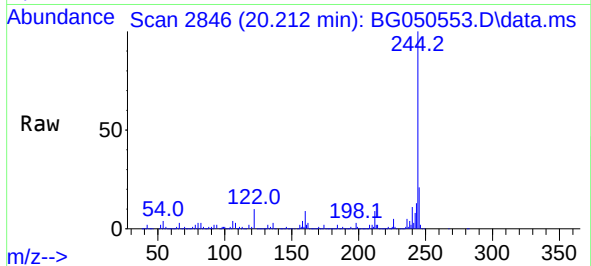




#79
Terphenyl-d14
Concen: 63.72 ng
RT: 20.212 min Scan# 2846
Delta R.T. 0.004 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244 Resp: 843730
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 10.1 5.0 7.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.342 min Scan# 3719
Delta R.T. 0.010 min
Lab File: BG050553.D
Acq: 12 Oct 2021 15:01

Tgt Ion:264 Resp: 254664
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.7 16.9 25.3

