

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
 Data File : BG063987.D
 Acq On : 4 Feb 2025 10:24
 Operator : RC/JU
 Sample : PB166000BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166000BL

Quant Time: Feb 04 11:49:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	63081	20.000	ng	0.00
21) Naphthalene-d8	10.664	136	262597	20.000	ng	0.00
39) Acenaphthene-d10	14.494	164	168447	20.000	ng	0.00
64) Phenanthrene-d10	17.238	188	398178	20.000	ng	0.00
76) Chrysene-d12	21.469	240	439031	20.000	ng	0.00
86) Perylene-d12	24.500	264	453247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	552393	140.401	ng	0.00
7) Phenol-d6	7.038	99	708987	131.312	ng	0.00
23) Nitrobenzene-d5	9.024	82	415284	96.113	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	216218	113.325	ng	0.00
45) 2-Fluorobiphenyl	13.125	172	1000336	90.987	ng	0.00
79) Terphenyl-d14	19.865	244	1972396	93.826	ng	0.00

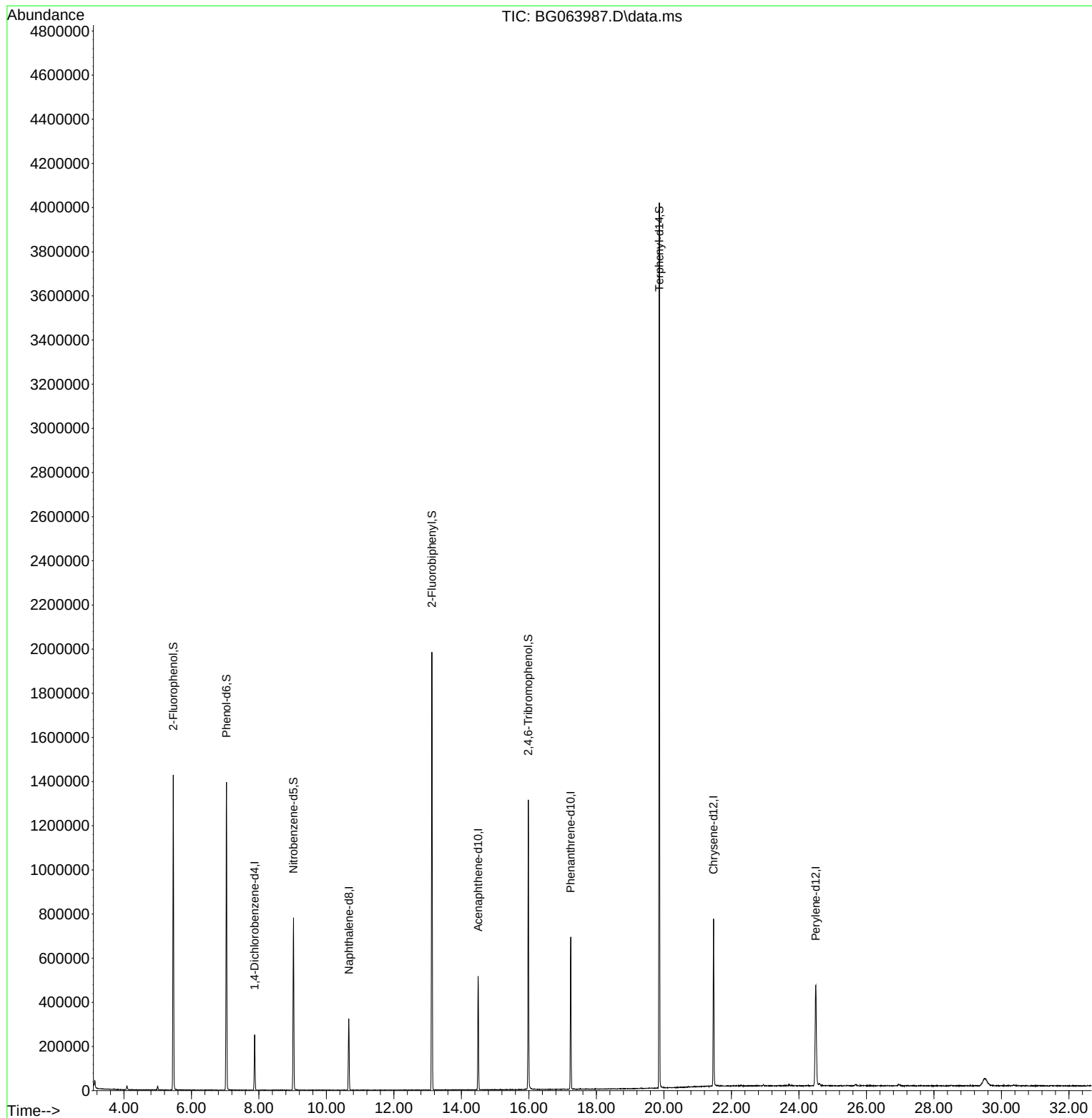
Target Compounds	Qvalue

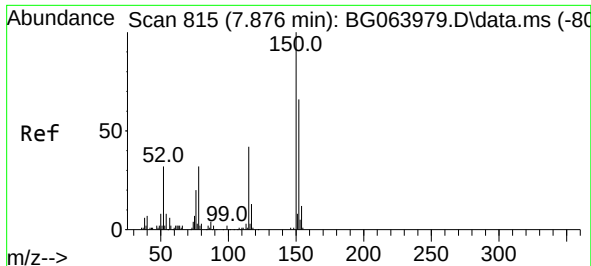
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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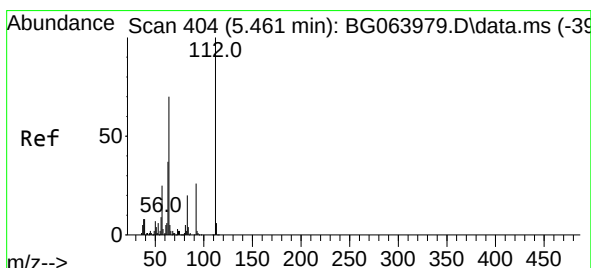
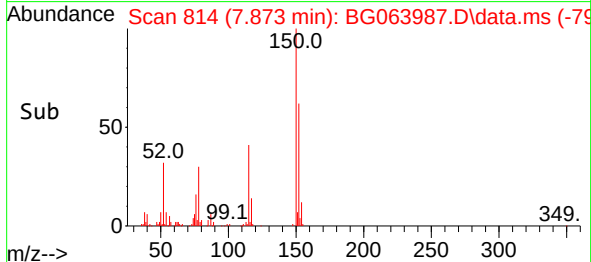
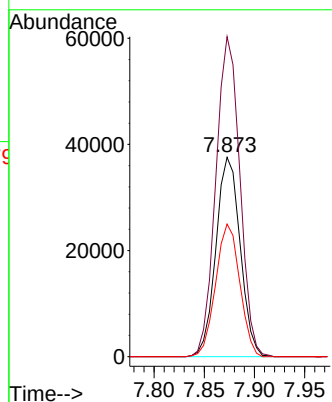
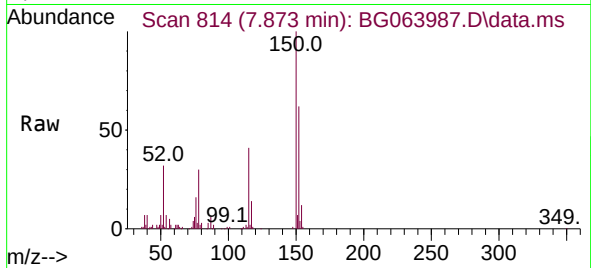




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.873 min Scan# 815
Delta R.T. -0.003 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

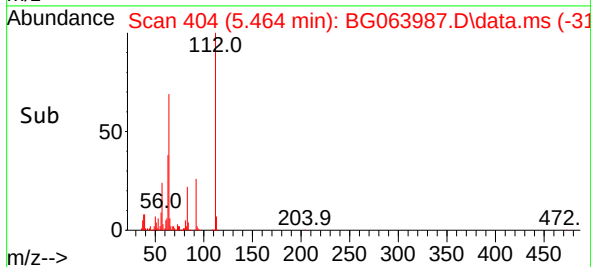
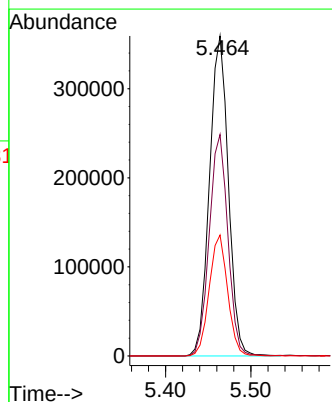
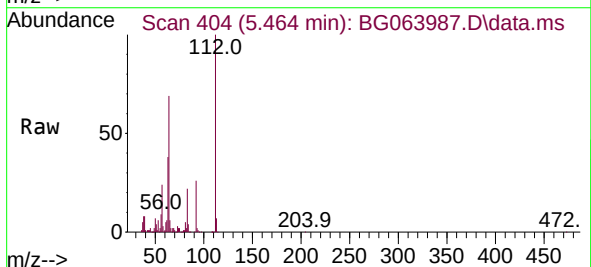
Instrument :
BNA_G
ClientSampleId :
PB166000BL

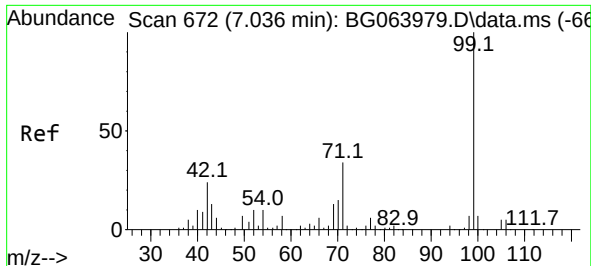
Tgt Ion:152 Resp: 63081
Ion Ratio Lower Upper
152 100
150 160.5 121.0 181.6
115 66.5 50.4 75.6



#5
2-Fluorophenol
Concen: 140.401 ng
RT: 5.464 min Scan# 404
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:112 Resp: 552393
Ion Ratio Lower Upper
112 100
64 69.2 55.8 83.8
63 37.8 29.3 43.9

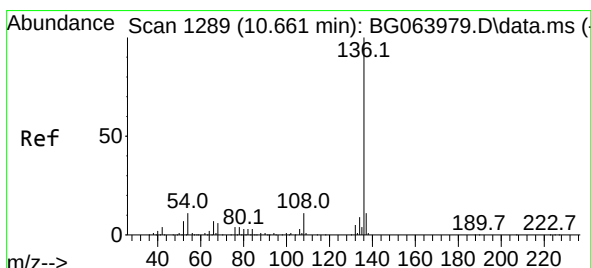
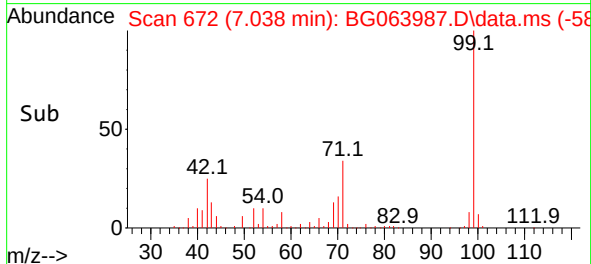
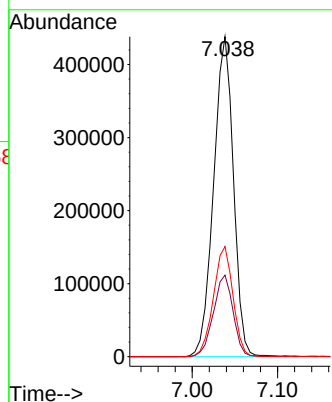
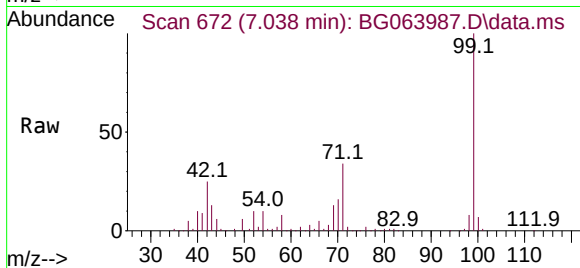




#7
Phenol-d6
Concen: 131.312 ng
RT: 7.038 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

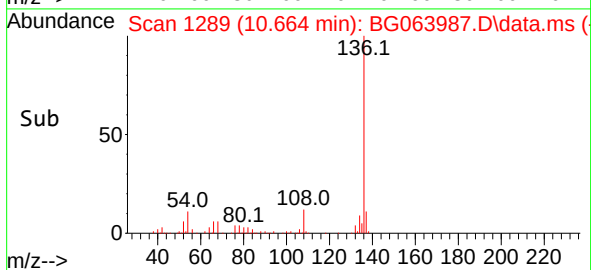
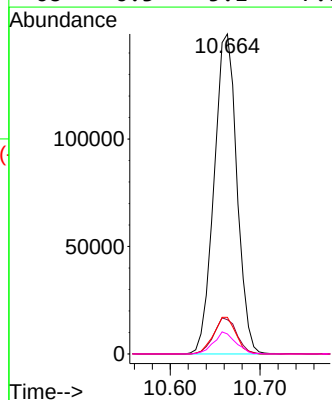
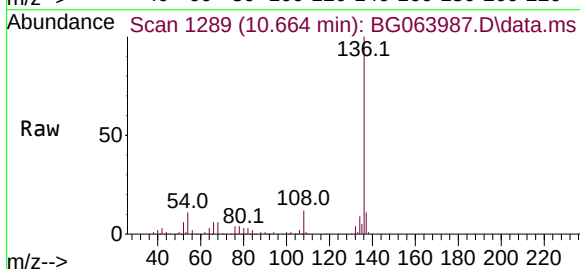
Instrument :
BNA_G
ClientSampleId :
PB166000BL

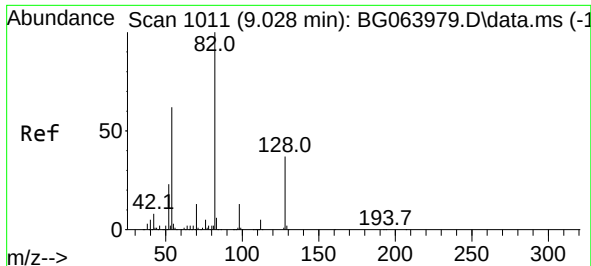
Tgt Ion: 99 Resp: 708987
Ion Ratio Lower Upper
99 100
42 25.5 18.9 28.3
71 34.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.664 min Scan# 1289
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:136 Resp: 262597
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 11.5 9.2 13.8
68 6.3 5.1 7.7

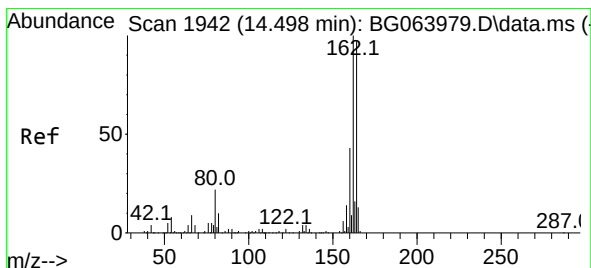
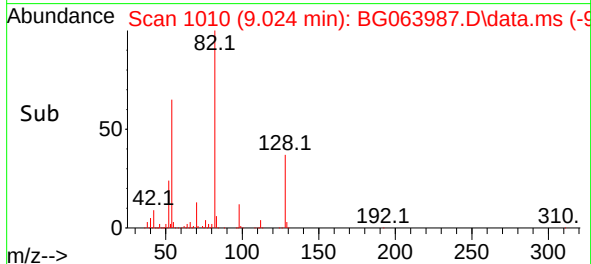
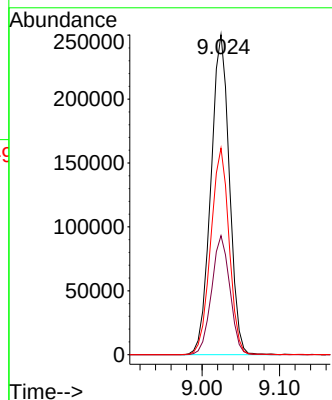
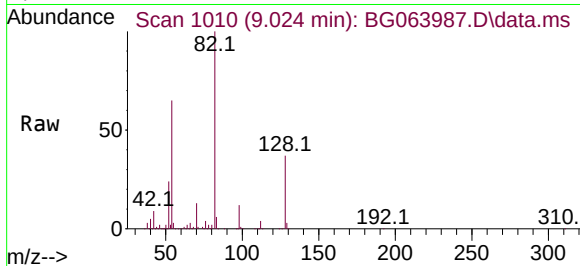




#23
Nitrobenzene-d5
Concen: 96.113 ng
RT: 9.024 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

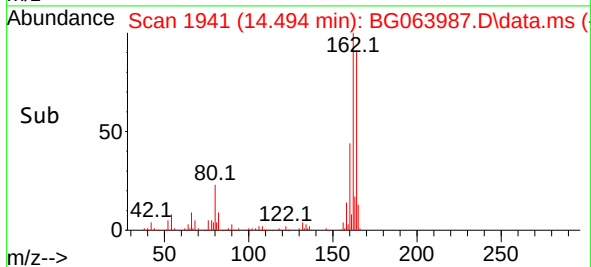
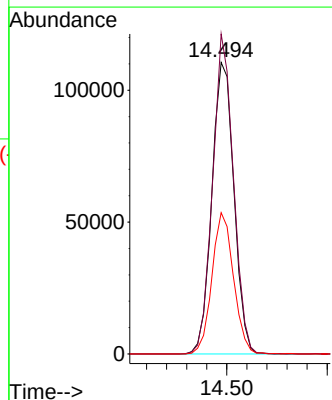
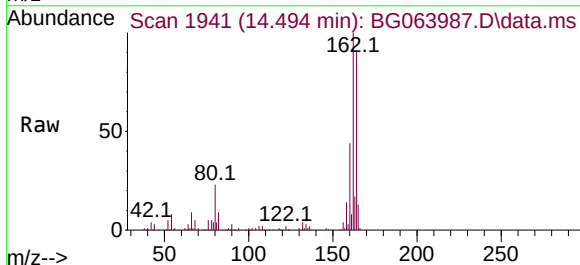
Instrument :
BNA_G
ClientSampleId :
PB166000BL

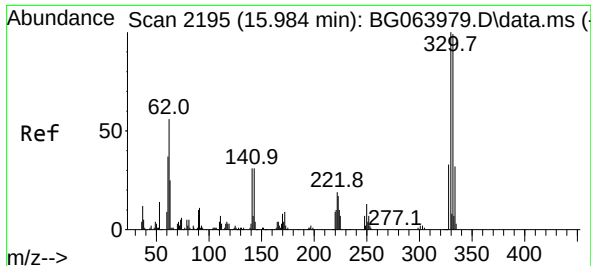
Tgt Ion: 82 Resp: 415284
Ion Ratio Lower Upper
82 100
128 37.2 29.4 44.2
54 64.5 49.9 74.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.494 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:164 Resp: 168447
Ion Ratio Lower Upper
164 100
162 109.8 82.3 123.5
160 48.4 35.4 53.0

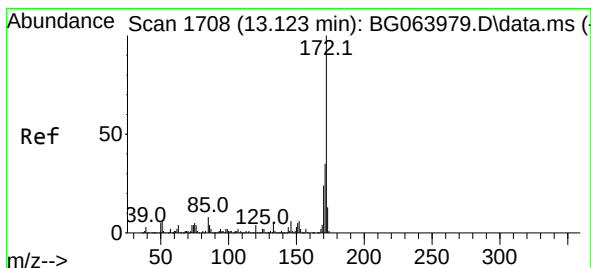
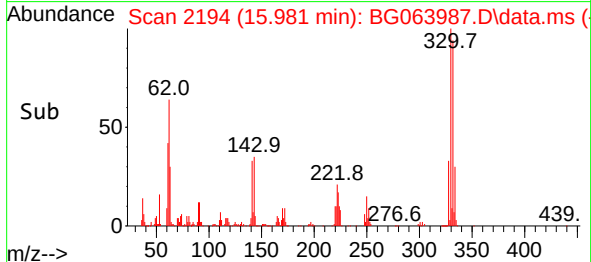
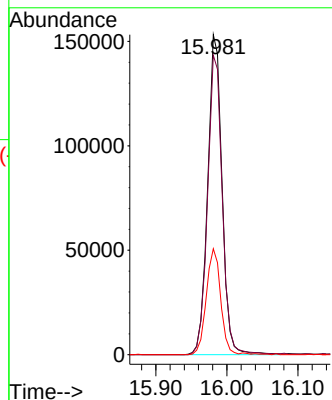
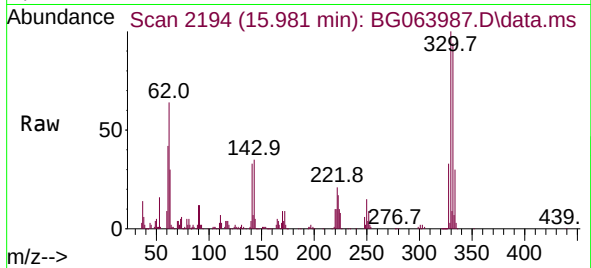




#42
2,4,6-Tribromophenol
Concen: 113.325 ng
RT: 15.981 min Scan# 2195
Delta R.T. -0.003 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

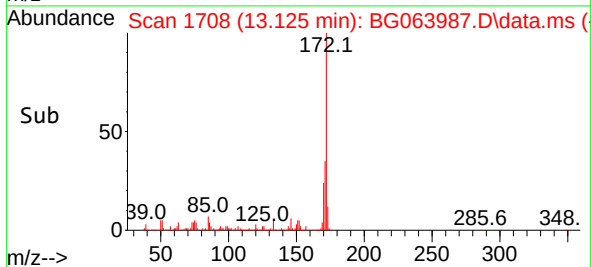
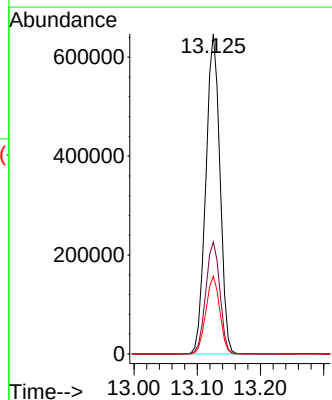
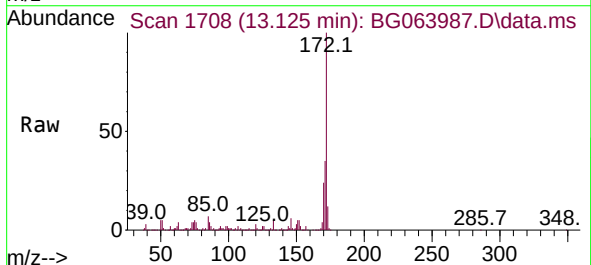
Instrument :
BNA_G
ClientSampleId :
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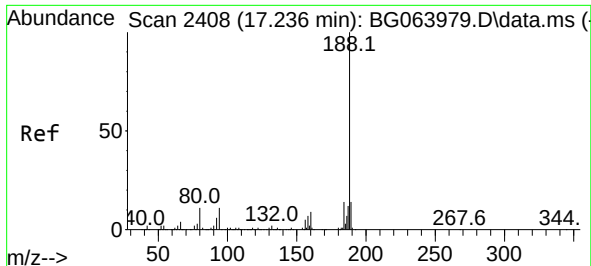
Tgt Ion:330 Resp: 216218
Ion Ratio Lower Upper
330 100
332 95.3 79.0 118.6
141 33.3 27.2 40.8



#45
2-Fluorobiphenyl
Concen: 90.987 ng
RT: 13.125 min Scan# 1708
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:172 Resp: 1000336
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 24.3 19.4 29.2

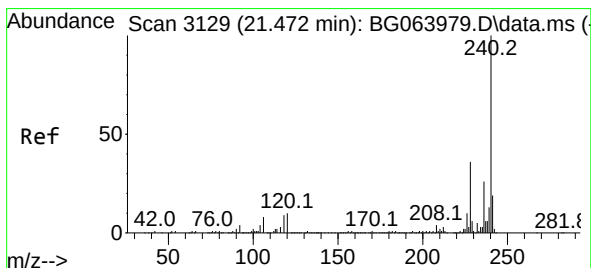
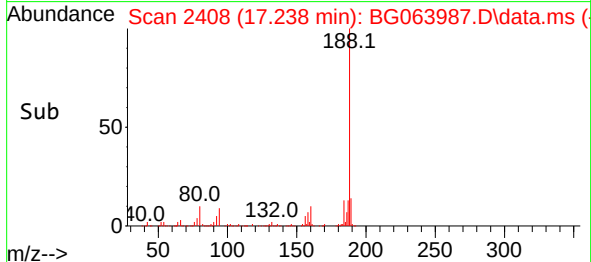
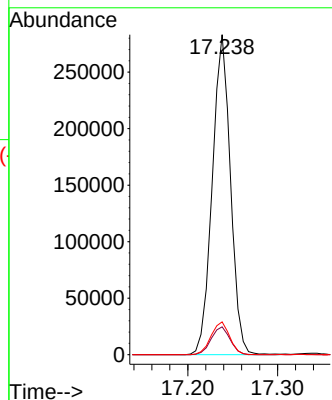
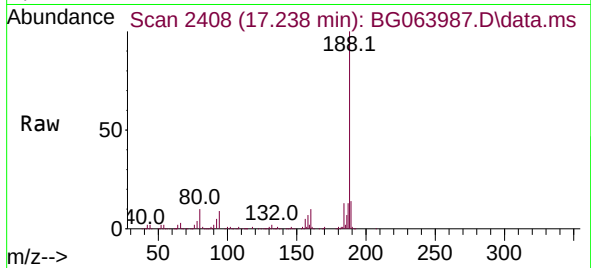




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.238 min Scan# 2408
Delta R.T. 0.002 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

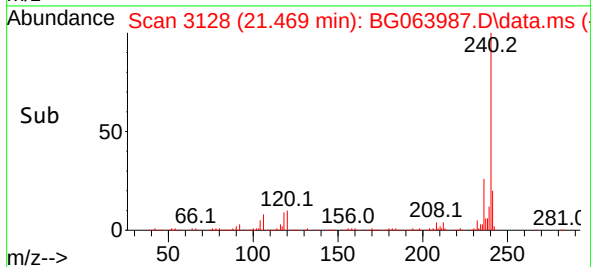
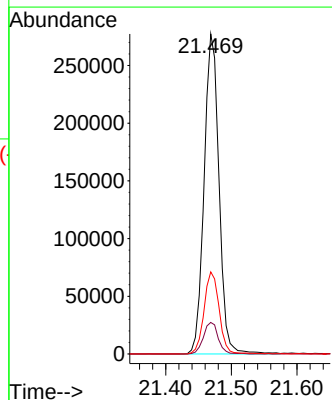
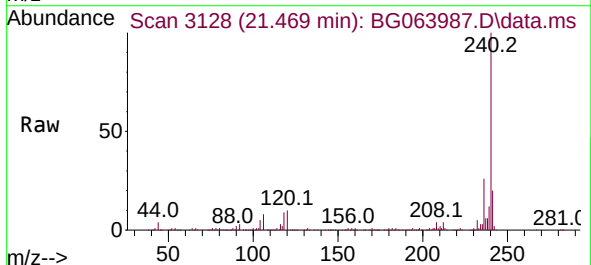
Instrument :
BNA_G
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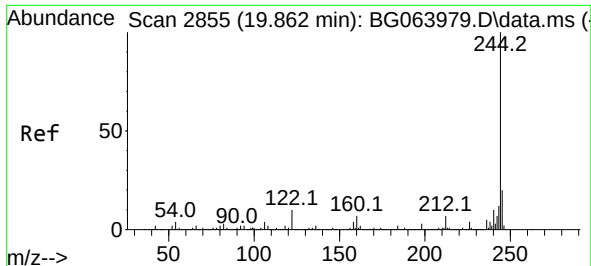
Tgt Ion:188 Resp: 398178
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 10.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.469 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BG063987.D
Acq: 4 Feb 2025 10:24

Tgt Ion:240 Resp: 439031
Ion Ratio Lower Upper
240 100
120 9.9 7.9 11.9
236 25.6 21.0 31.6

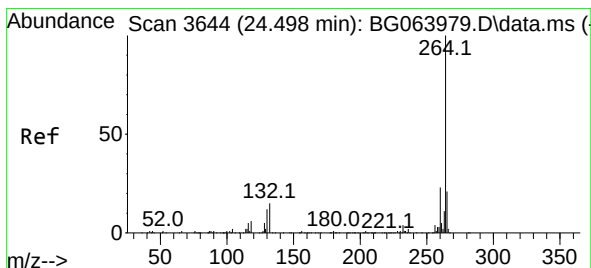
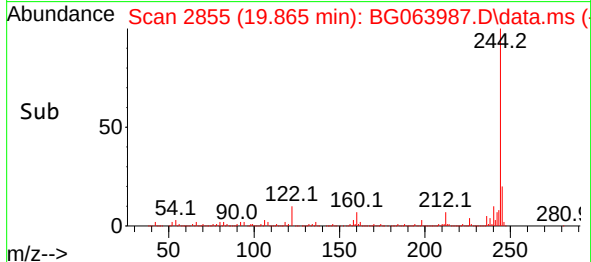
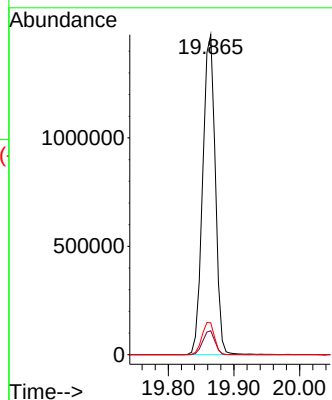
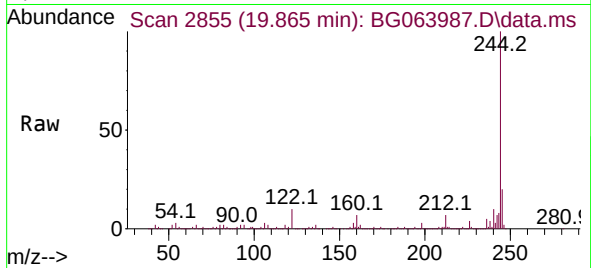




#79
 Terphenyl-d14
 Concen: 93.826 ng
 RT: 19.865 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG063987.D
 Acq: 4 Feb 2025 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB166000BL

Tgt Ion:244 Resp: 1972396
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 10.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.500 min Scan# 3644
 Delta R.T. 0.002 min
 Lab File: BG063987.D
 Acq: 4 Feb 2025 10:24

Tgt Ion:264 Resp: 453247
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.1 16.6 24.8

