

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064148.D
 Acq On : 2 Apr 2025 11:39
 Operator : RC/JU
 Sample : PB167417BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167417BL

Quant Time: Apr 02 12:38:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	35587	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	159668	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	119188	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	263643	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	263356	20.000	ng	-0.01
86) Perylene-d12	24.457	264	279988	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	353651	155.171	ng	0.00
7) Phenol-d6	7.025	99	463402	149.462	ng	0.00
23) Nitrobenzene-d5	9.011	82	310937	107.617	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	223713	168.858	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	793293	101.027	ng	-0.01
79) Terphenyl-d14	19.845	244	1335032	102.501	ng	0.00

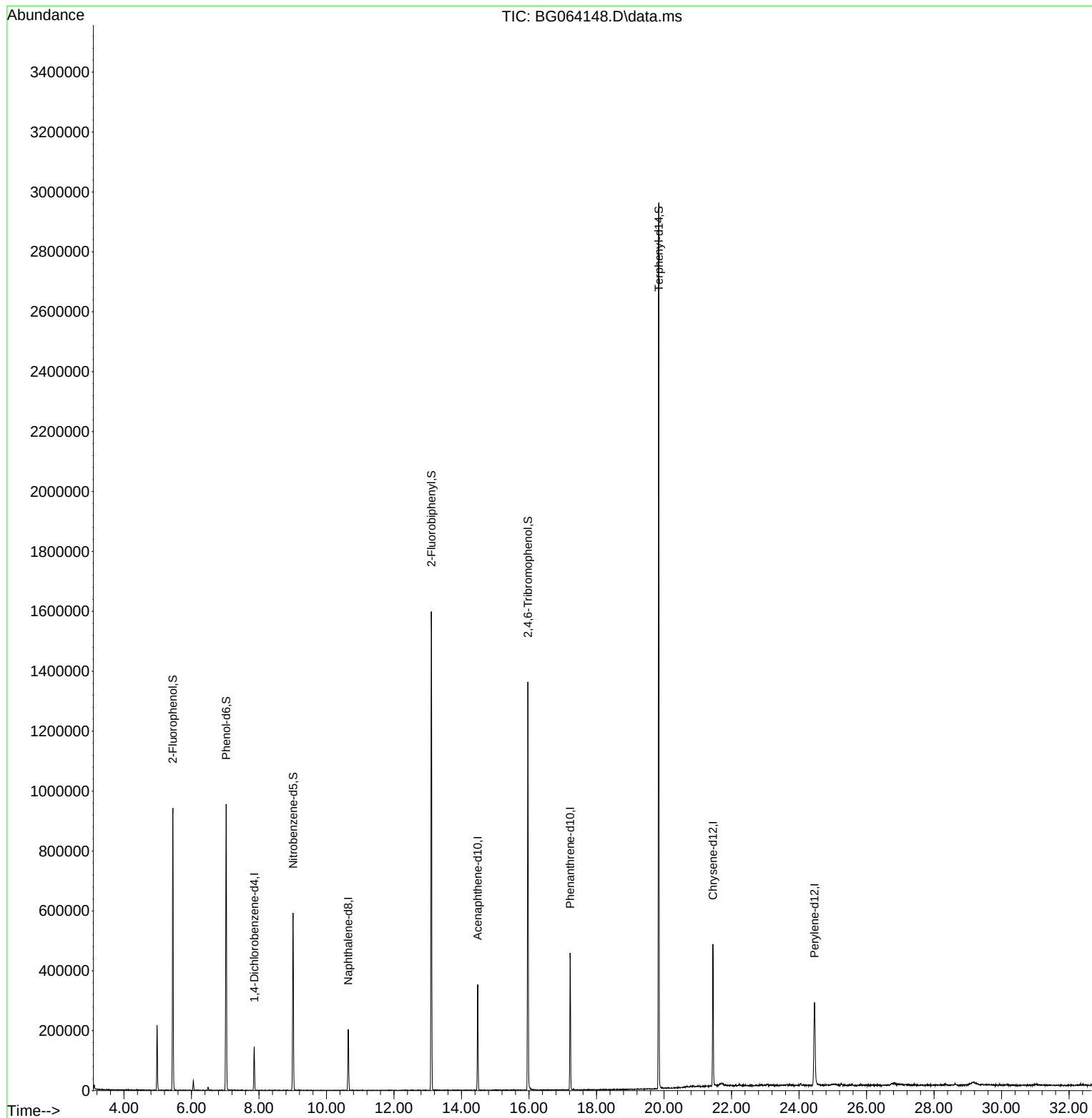
Target Compounds	Qvalue

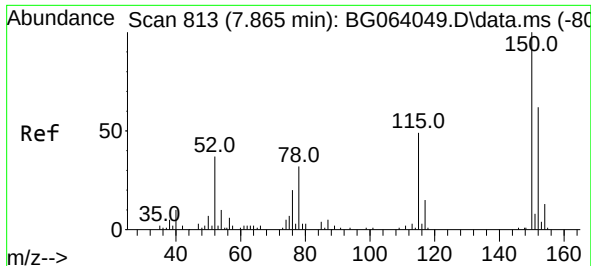
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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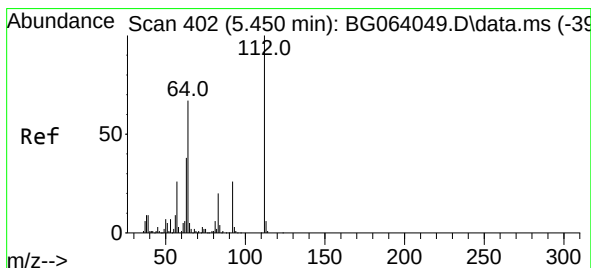
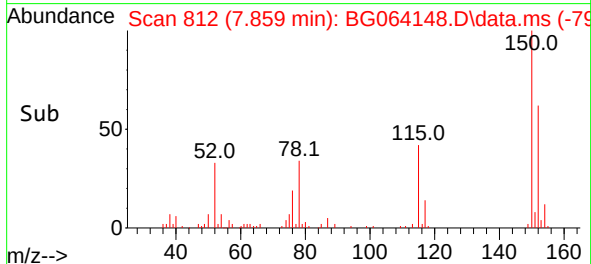
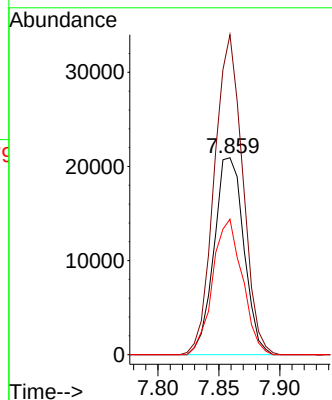
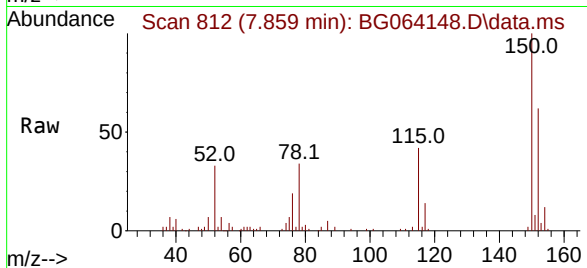




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

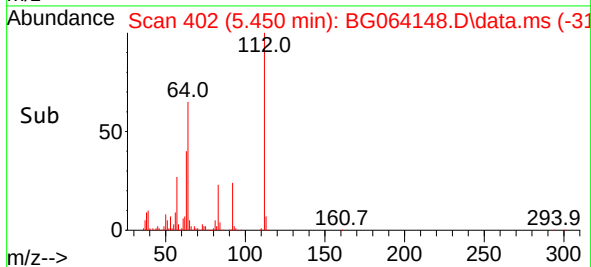
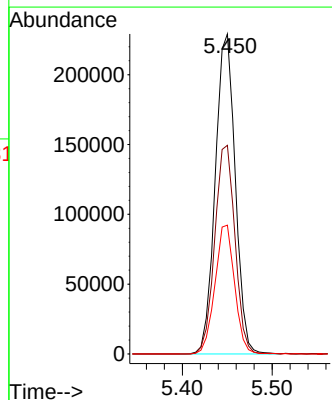
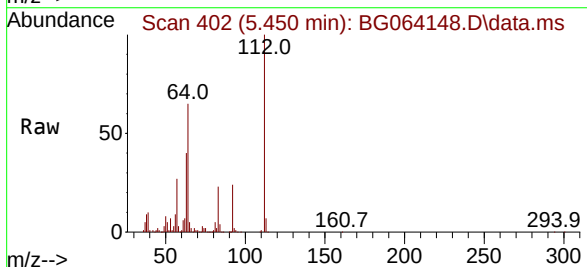
Instrument :
BNA_G
ClientSampleId :
PB167417BL

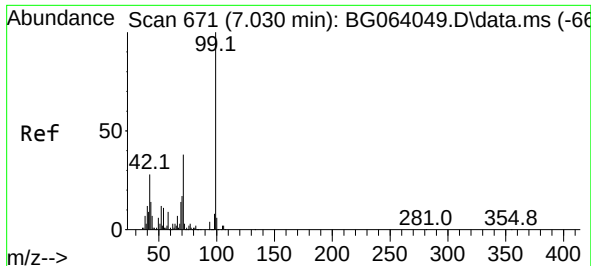
Tgt Ion:152 Resp: 35587
Ion Ratio Lower Upper
152 100
150 162.4 129.2 193.8
115 68.8 63.0 94.6



#5
2-Fluorophenol
Concen: 155.171 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion:112 Resp: 353651
Ion Ratio Lower Upper
112 100
64 65.2 53.7 80.5
63 40.2 30.2 45.4

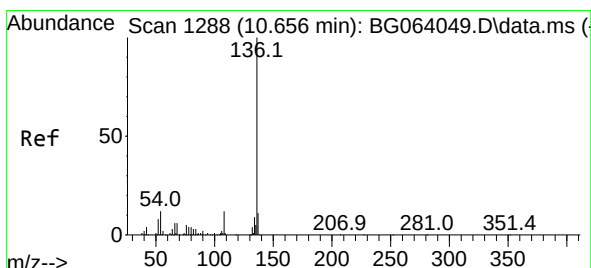
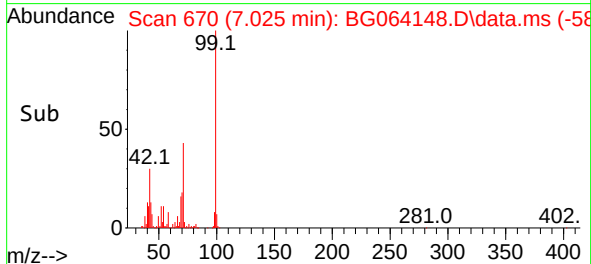
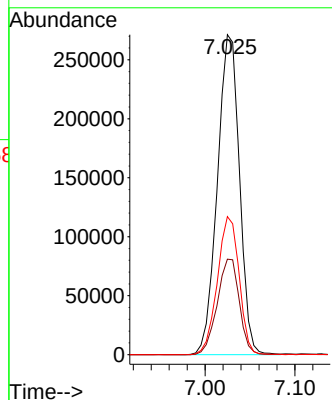
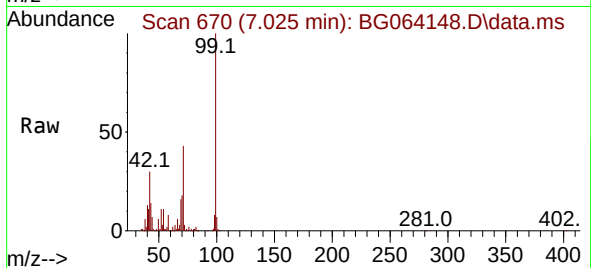




#7
Phenol-d6
Concen: 149.462 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

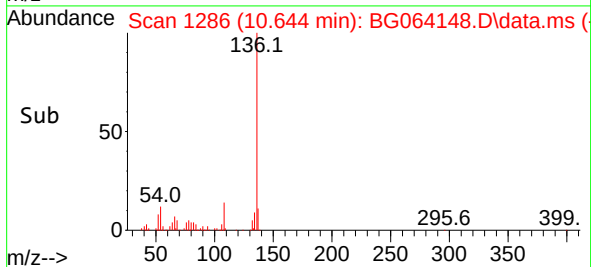
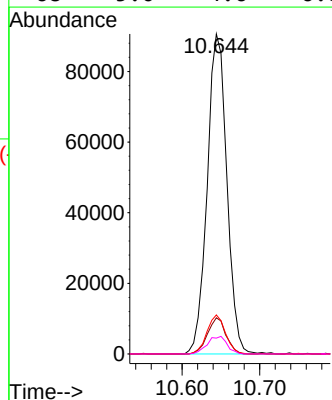
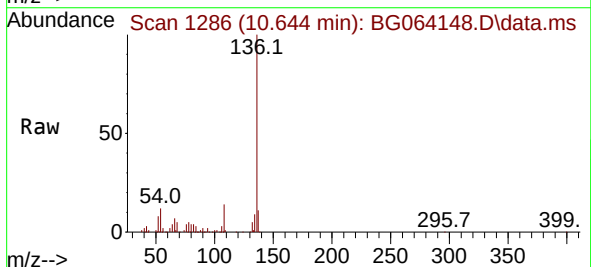
Instrument :
BNA_G
ClientSampleId :
PB167417BL

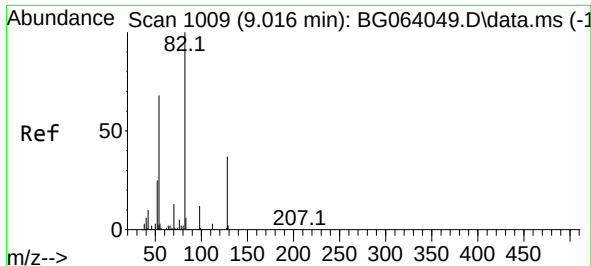
Tgt Ion: 99 Resp: 463402
Ion Ratio Lower Upper
99 100
42 29.9 22.7 34.1
71 43.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion:136 Resp: 159668
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 12.2 9.9 14.9
68 5.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 107.617 ng

RT: 9.011 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BG064148.D

Acq: 2 Apr 2025 11:39

Instrument :

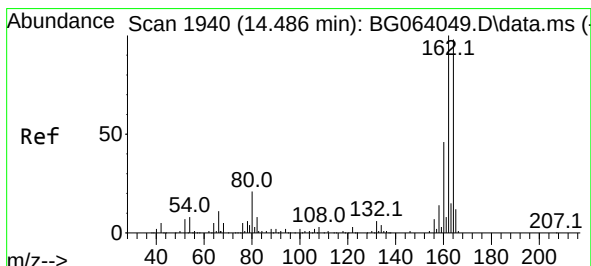
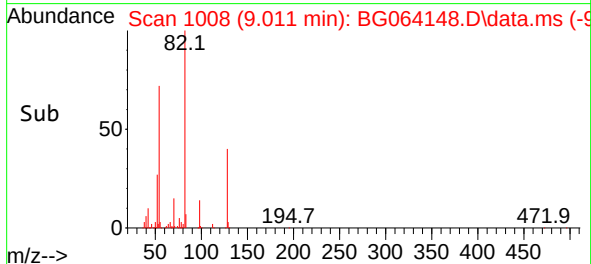
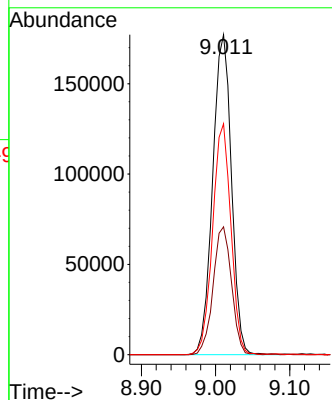
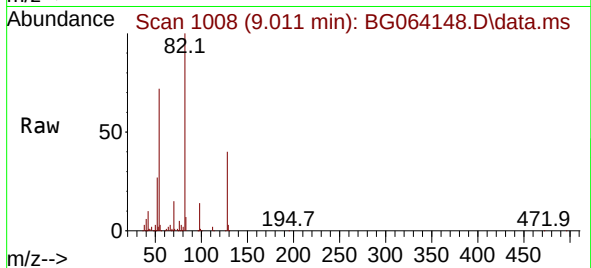
BNA_G

ClientSampleId :

PB167417BL

Tgt Ion: 82 Resp: 310937

Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.0	45.0
54	72.2	54.7	82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

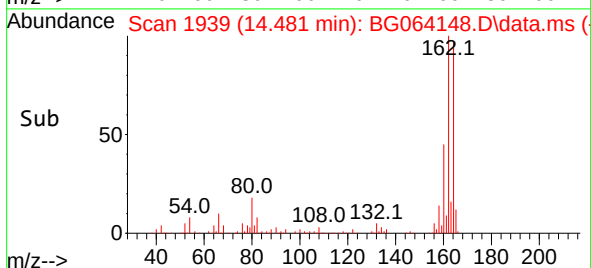
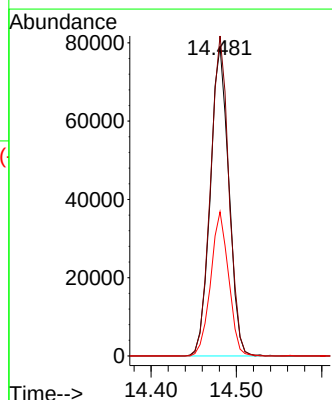
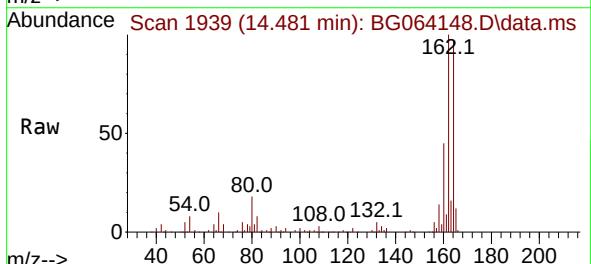
Delta R.T. -0.005 min

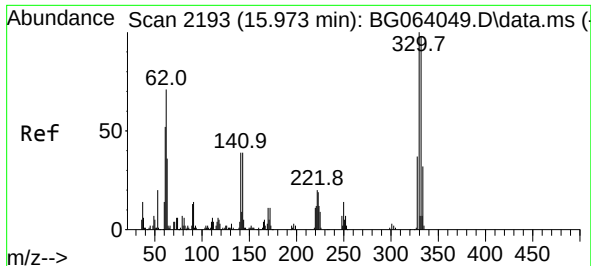
Lab File: BG064148.D

Acq: 2 Apr 2025 11:39

Tgt Ion: 164 Resp: 119188

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.0
160	46.6	37.0	55.6

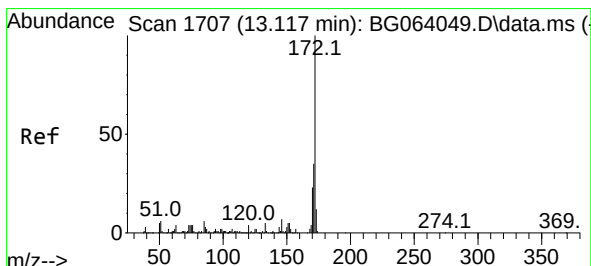
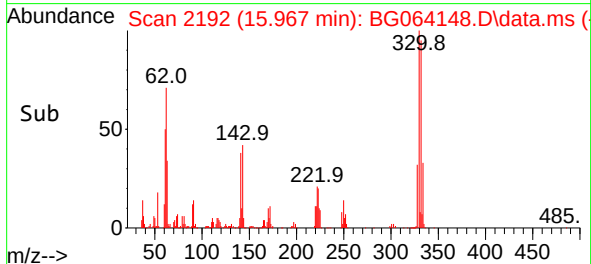
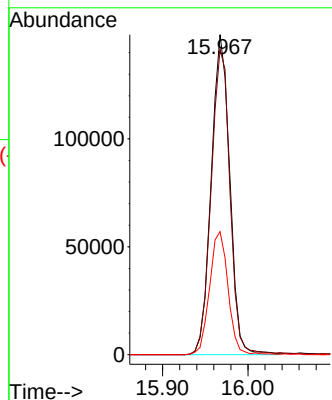
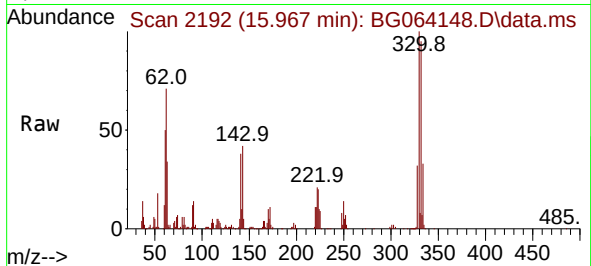




#42
2,4,6-Tribromophenol
Concen: 168.858 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

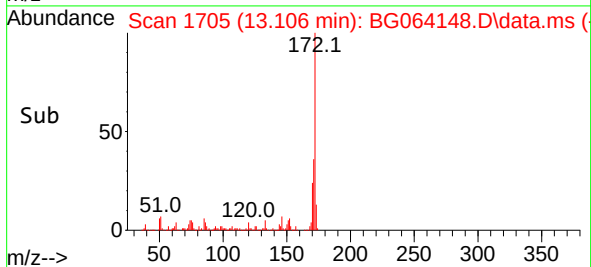
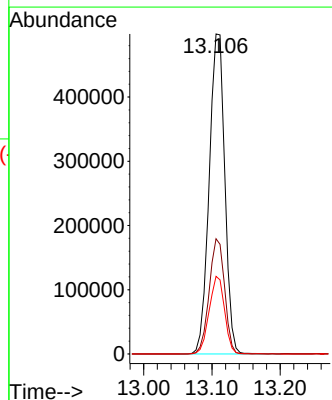
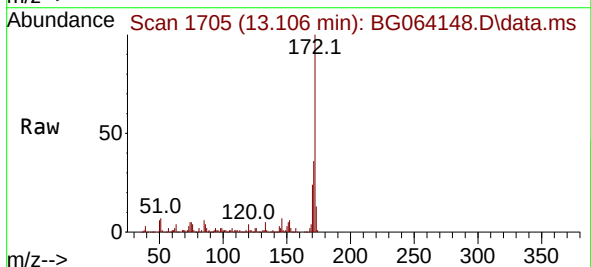
Instrument :
BNA_G
ClientSampleId :
PB167417BL

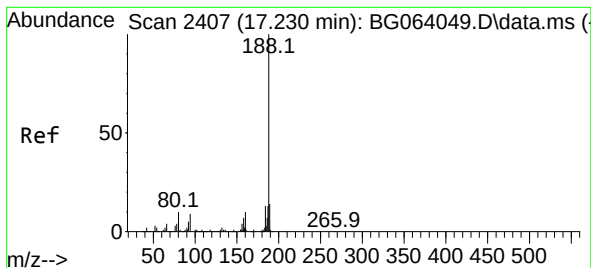
Tgt Ion:330 Resp: 223713
Ion Ratio Lower Upper
330 100
332 97.4 76.7 115.1
141 38.5 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 101.027 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion:172 Resp: 793293
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 24.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.219 min Scan# 2405

Delta R.T. -0.011 min

Lab File: BG064148.D

Acq: 2 Apr 2025 11:39

Instrument :

BNA_G

ClientSampleId :

PB167417BL

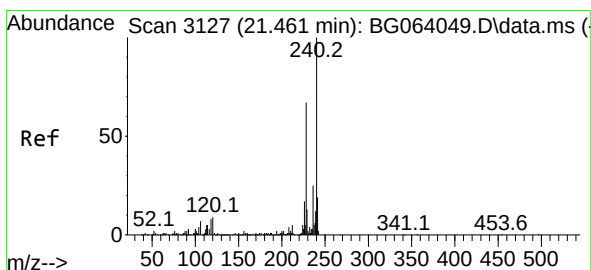
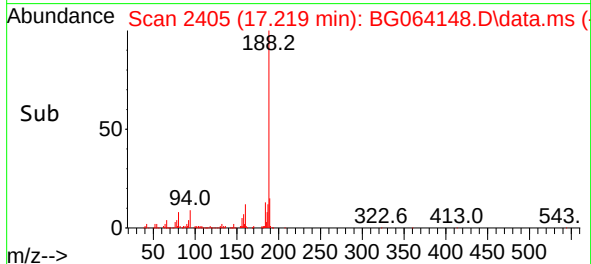
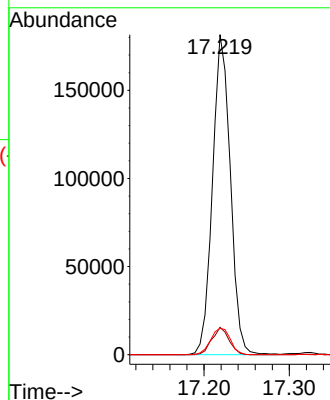
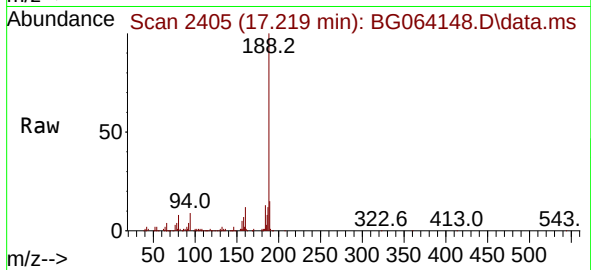
Tgt Ion:188 Resp: 263643

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

80 8.3 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. -0.011 min

Lab File: BG064148.D

Acq: 2 Apr 2025 11:39

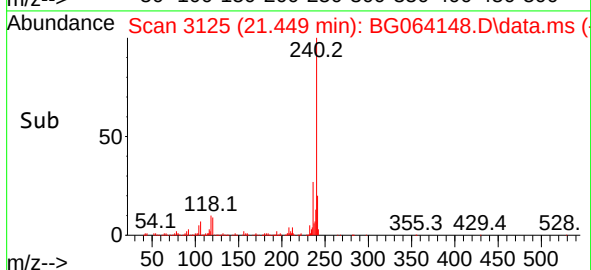
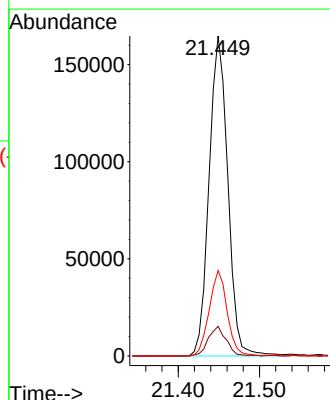
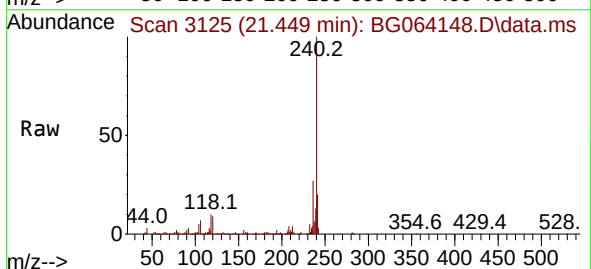
Tgt Ion:240 Resp: 263356

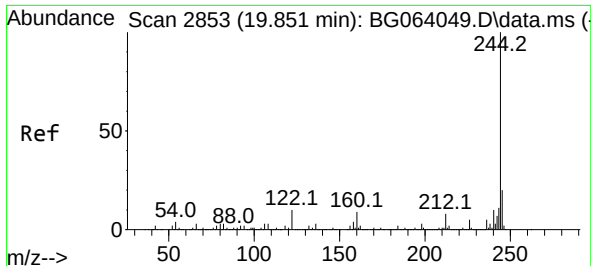
Ion Ratio Lower Upper

240 100

120 9.3 7.2 10.8

236 26.7 20.2 30.2

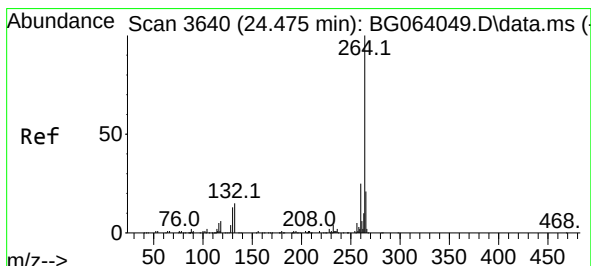
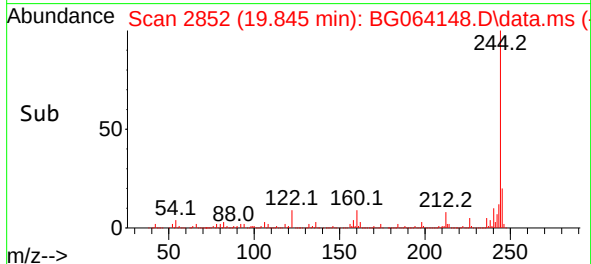
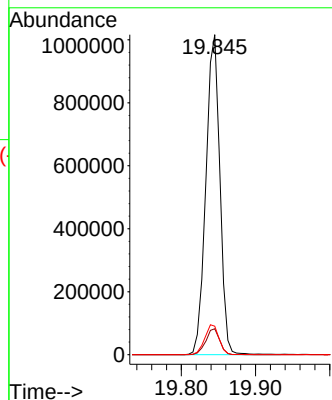
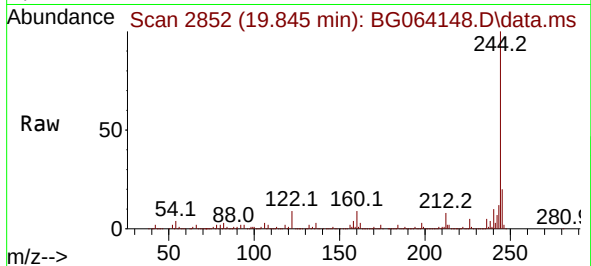




#79
 Terphenyl-d14
 Concen: 102.501 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064148.D
 Acq: 2 Apr 2025 11:39

Instrument :
 BNA_G
 ClientSampleId :
 PB167417BL

Tgt Ion:244 Resp: 1335032
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 8.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.457 min Scan# 3637
 Delta R.T. -0.017 min
 Lab File: BG064148.D
 Acq: 2 Apr 2025 11:39

Tgt Ion:264 Resp: 279988
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.7 16.6 25.0

