

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
 Data File : BG062637.D
 Acq On : 4 Sep 2024 10:25
 Operator : MA/JU
 Sample : PB162517BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB162517BL

Quant Time: Sep 04 11:27:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	50274	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	204147	20.000	ng	# 0.00
39) Acenaphthene-d10	14.545	164	165525	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	492029	20.000	ng	0.00
76) Chrysene-d12	21.537	240	561784	20.000	ng	0.00
86) Perylene-d12	24.604	264	644357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	386367	132.842	ng	0.00
7) Phenol-d6	7.089	99	516879	123.017	ng	0.00
23) Nitrobenzene-d5	9.075	82	309832	81.737	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	318921	136.908	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	837871	81.992	ng	0.00
79) Terphenyl-d14	19.909	244	2297338	81.085	ng	0.00

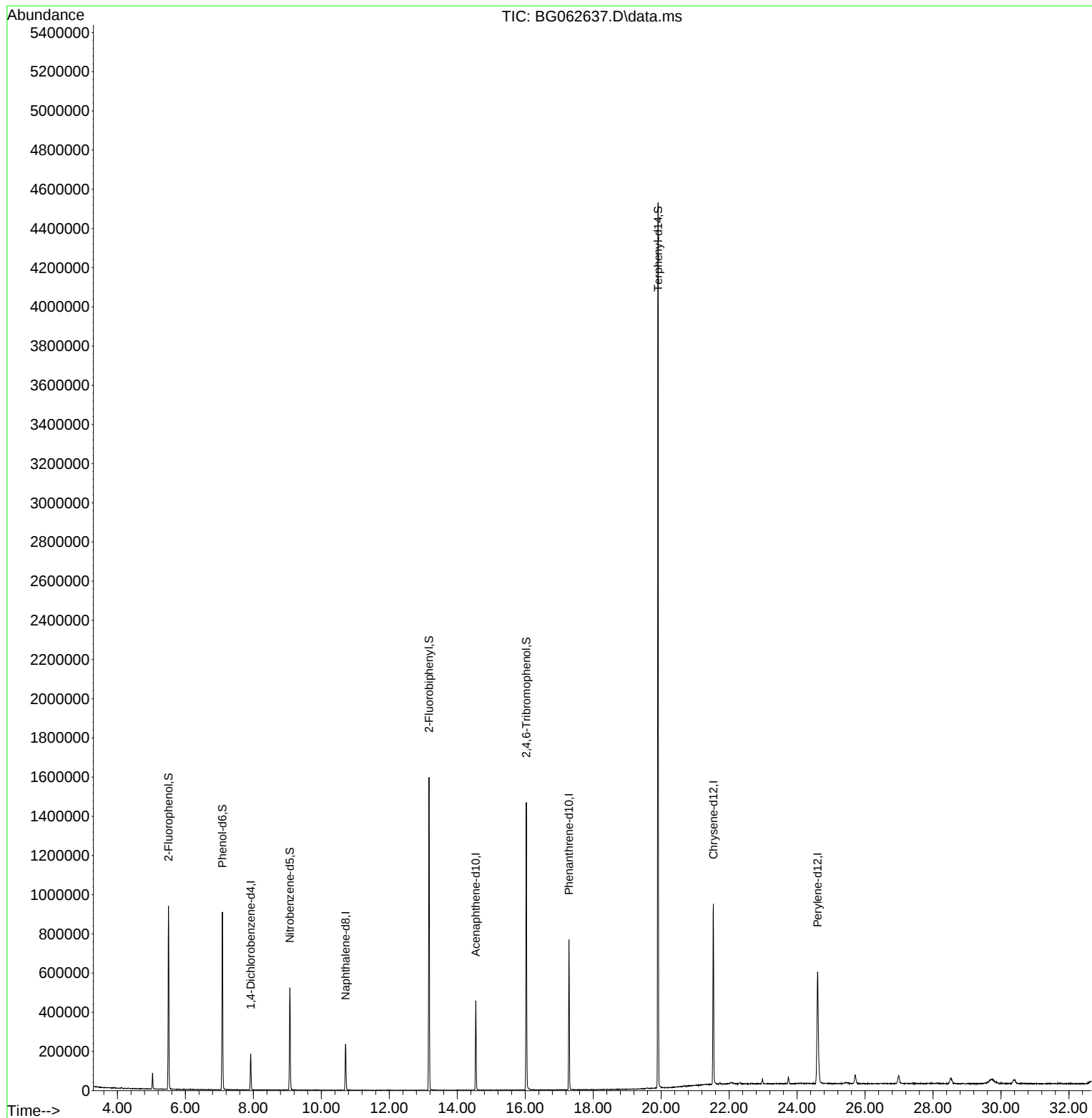
Target Compounds	Qvalue

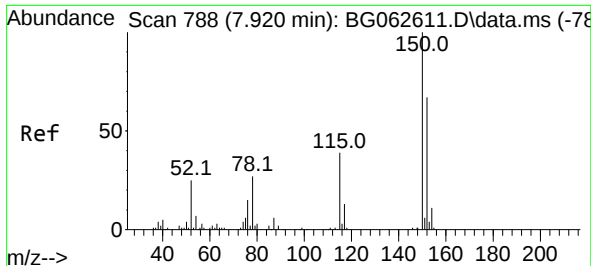
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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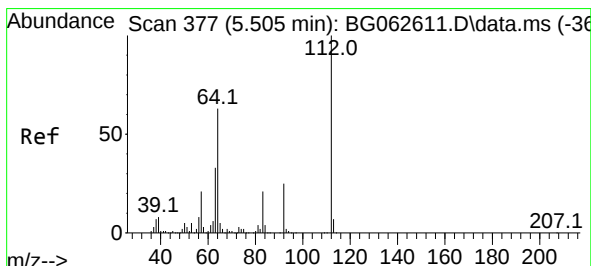
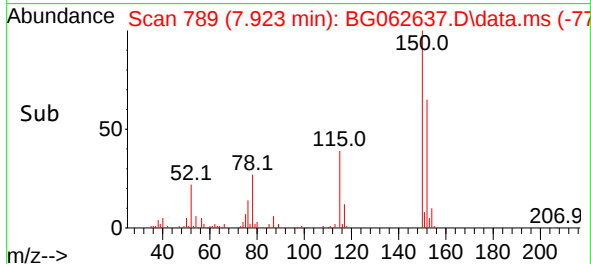
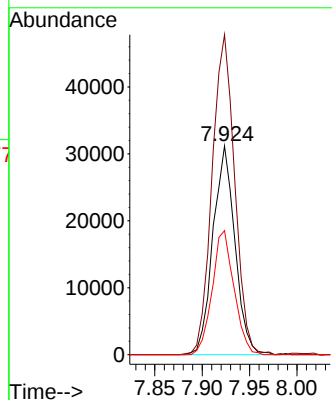
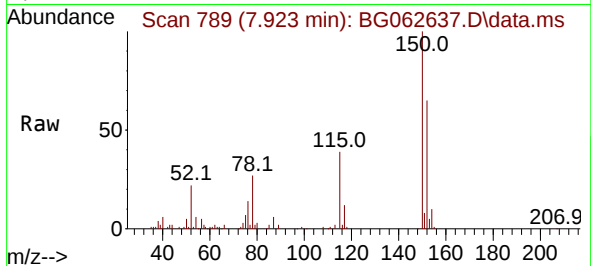




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

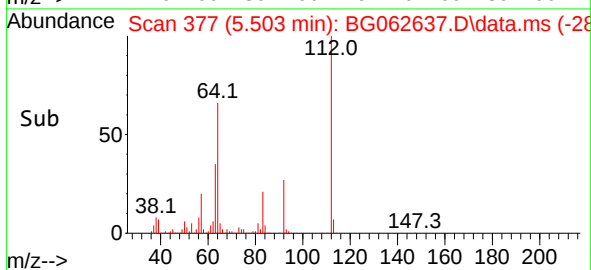
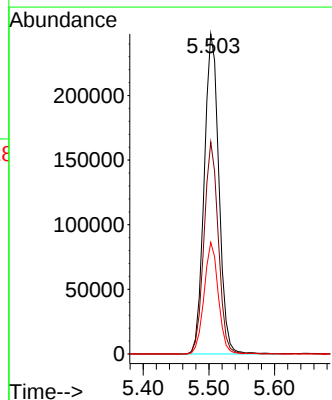
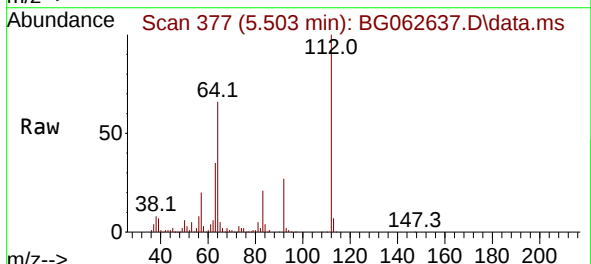
Instrument :
BNA_G
ClientSampleId :
PB162517BL

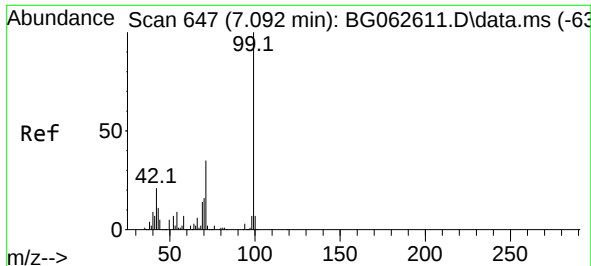
Tgt Ion:152 Resp: 50274
Ion Ratio Lower Upper
152 100
150 153.2 119.9 179.9
115 59.4 46.6 69.8



#5
2-Fluorophenol
Concen: 132.842 ng
RT: 5.503 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

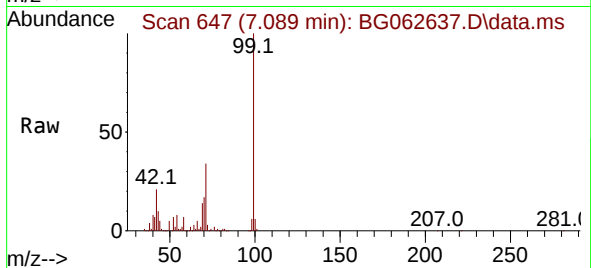
Tgt Ion:112 Resp: 386367
Ion Ratio Lower Upper
112 100
64 66.3 50.2 75.2
63 34.9 26.6 39.8



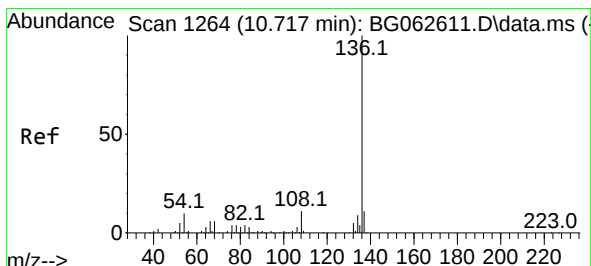
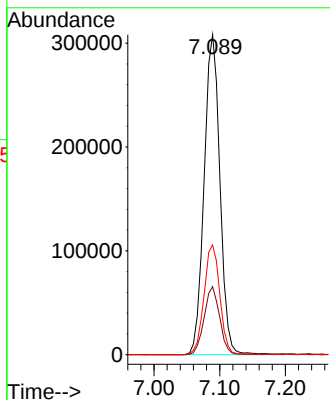
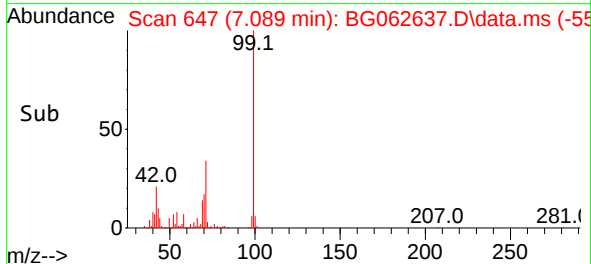


#7
Phenol-d6
Concen: 123.017 ng
RT: 7.089 min Scan# 647
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

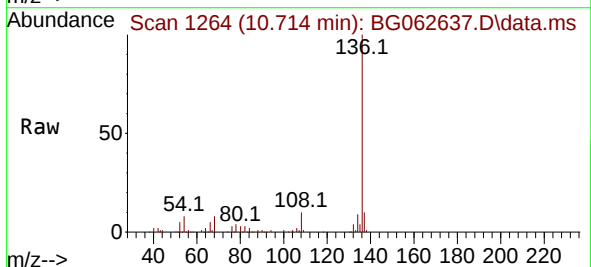
Instrument :
BNA_G
ClientSampleId :
PB162517BL



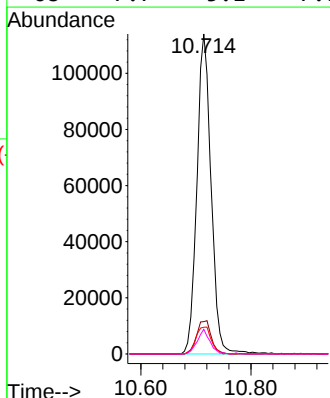
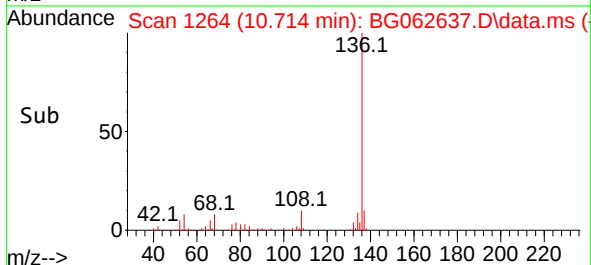
Tgt Ion:	99	Resp:	516879
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.9	25.3
71	34.3	27.9	41.9

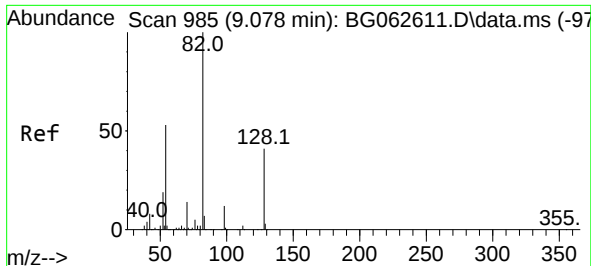


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25



Tgt Ion:	136	Resp:	204147
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	8.3	7.8	11.6
68	7.7	5.1	7.7#

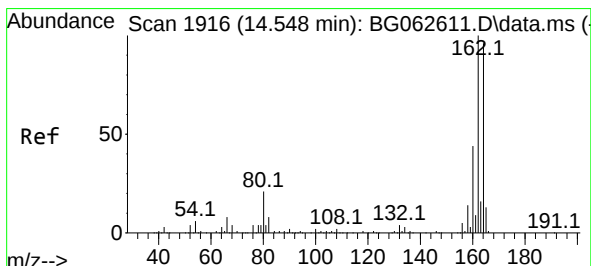
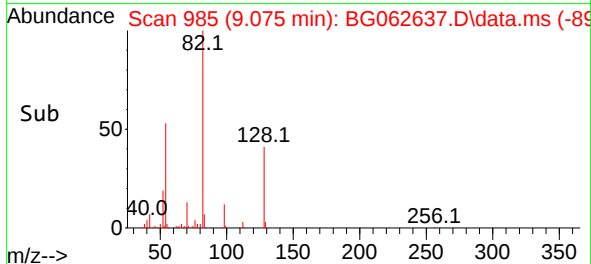
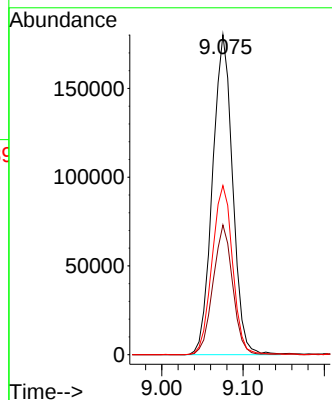
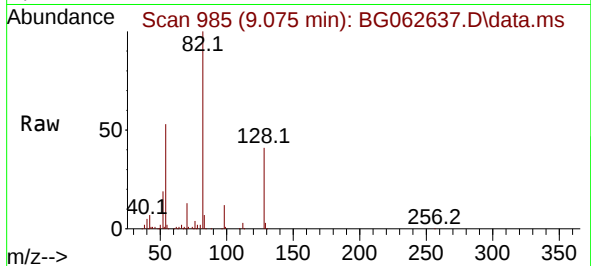




#23
Nitrobenzene-d5
Concen: 81.737 ng
RT: 9.075 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

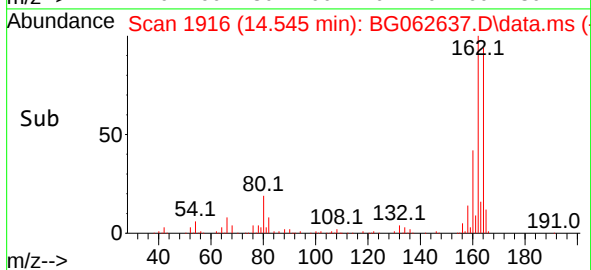
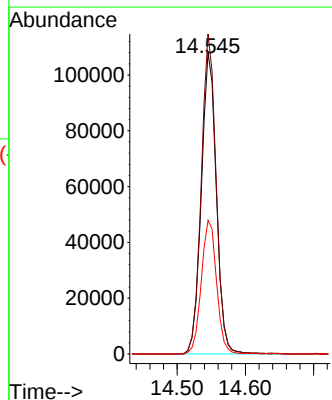
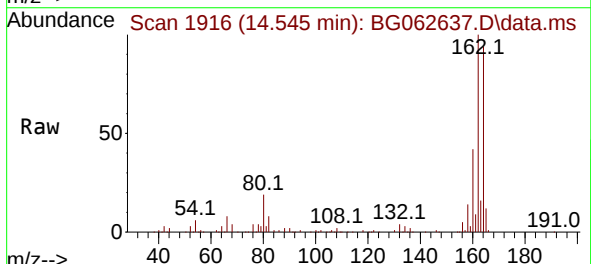
Instrument :
BNA_G
ClientSampleId :
PB162517BL

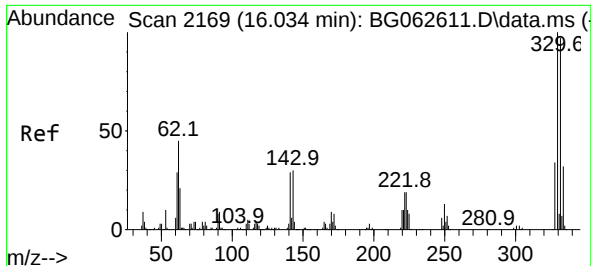
Tgt Ion: 82 Resp: 309832
Ion Ratio Lower Upper
82 100
128 40.6 32.5 48.7
54 52.9 42.5 63.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1916
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

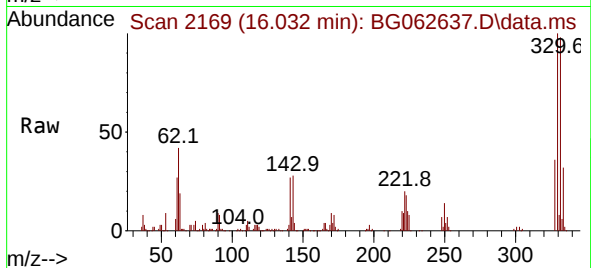
Tgt Ion: 164 Resp: 165525
Ion Ratio Lower Upper
164 100
162 106.1 83.1 124.7
160 44.3 36.2 54.4



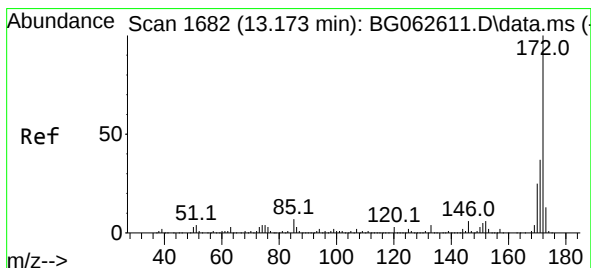
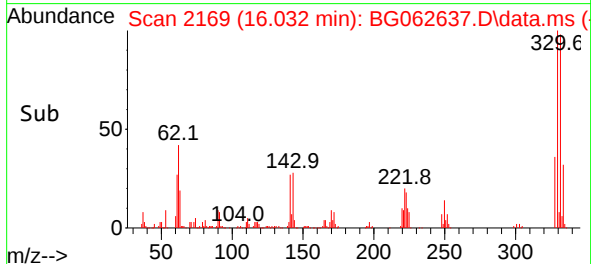
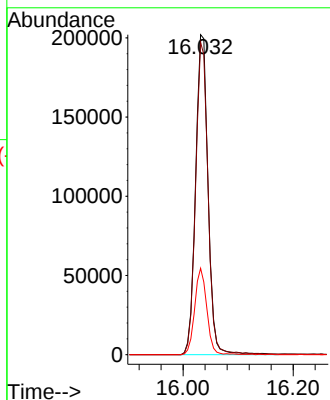


#42
2,4,6-Tribromophenol
Concen: 136.908 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

Instrument :
BNA_G
ClientSampleId :
PB162517BL

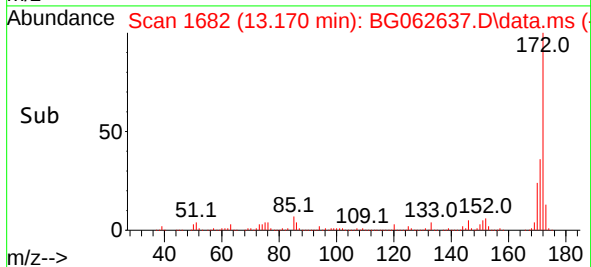
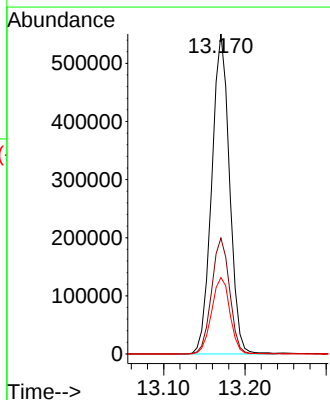
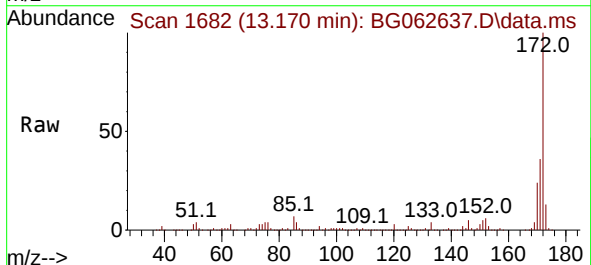


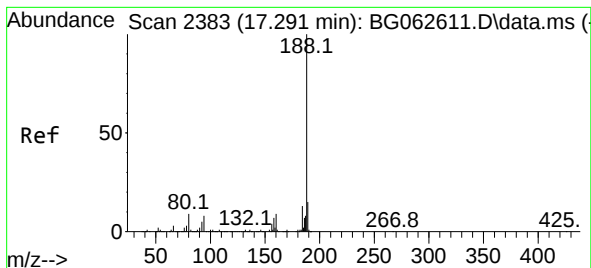
Tgt Ion:330 Resp: 318921
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 26.1 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 81.992 ng
RT: 13.170 min Scan# 1682
Delta R.T. -0.002 min
Lab File: BG062637.D
Acq: 4 Sep 2024 10:25

Tgt Ion:172 Resp: 837871
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.8 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.289 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG062637.D

Acq: 4 Sep 2024 10:25

Instrument :

BNA_G

ClientSampleId :

PB162517BL

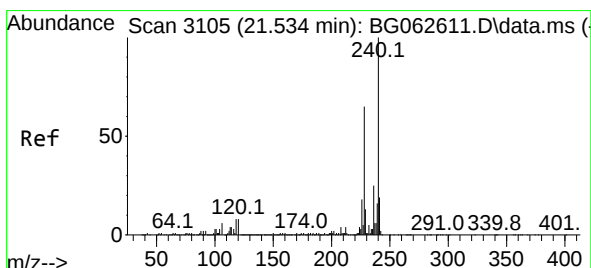
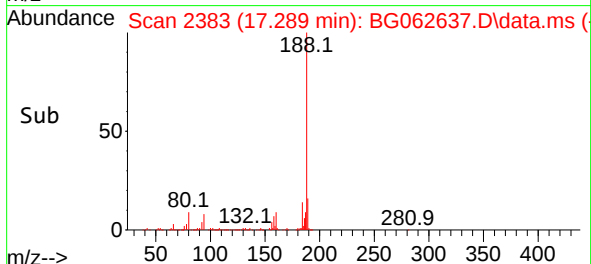
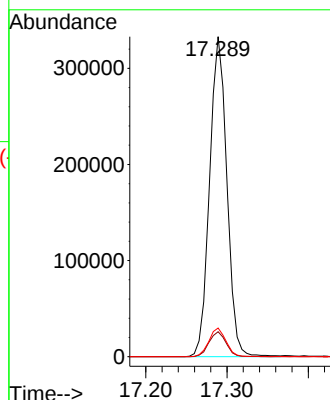
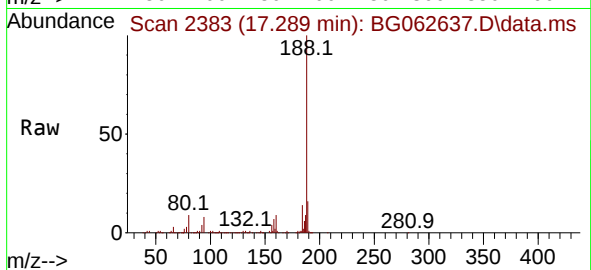
Tgt Ion:188 Resp: 492029

Ion Ratio Lower Upper

188 100

94 7.8 6.3 9.5

80 8.9 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.537 min Scan# 3106

Delta R.T. 0.003 min

Lab File: BG062637.D

Acq: 4 Sep 2024 10:25

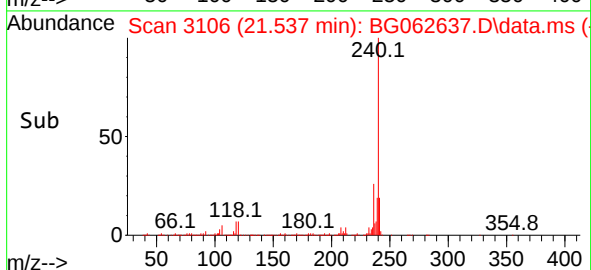
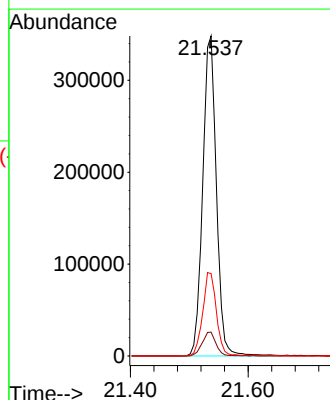
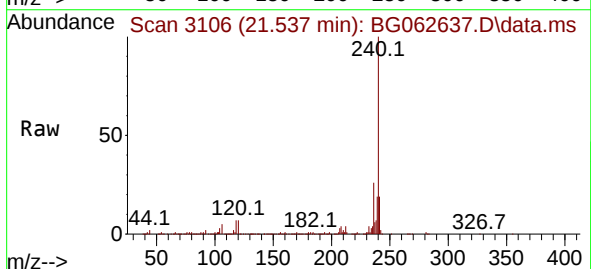
Tgt Ion:240 Resp: 561784

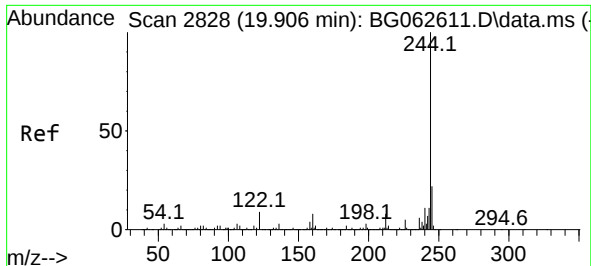
Ion Ratio Lower Upper

240 100

120 7.5 6.6 9.8

236 25.8 20.2 30.4

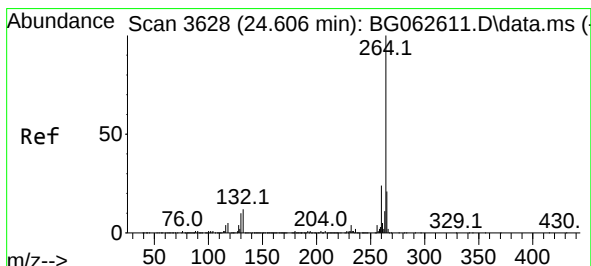
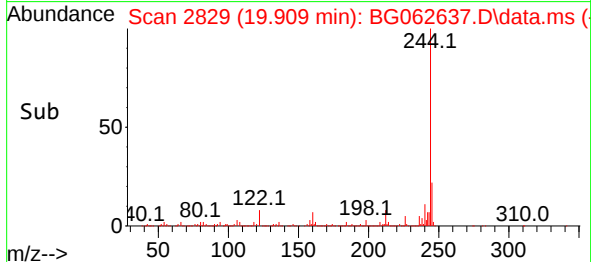
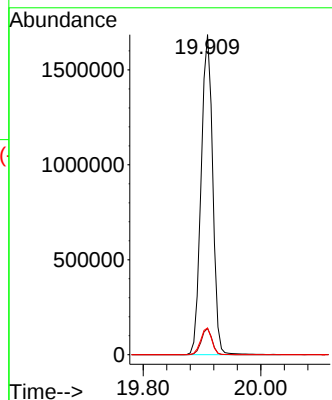
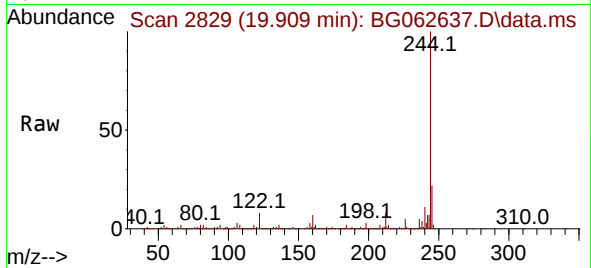




#79
 Terphenyl-d14
 Concen: 81.085 ng
 RT: 19.909 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG062637.D
 Acq: 4 Sep 2024 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB162517BL

Tgt Ion:244 Resp: 2297338
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 10.0
 122 8.4 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.604 min Scan# 3628
 Delta R.T. -0.002 min
 Lab File: BG062637.D
 Acq: 4 Sep 2024 10:25

Tgt Ion:264 Resp: 644357
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 21.2 17.3 25.9

