

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062681.D
 Acq On : 6 Sep 2024 15:02
 Operator : MA/JU
 Sample : P3857-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-C1-COMP

Quant Time: Sep 06 15:39:11 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	7.912	152	76845	20.000	ng	0.00
21) Naphthalene-d8	10.703	136	296342	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	220611	20.000	ng	-0.01
64) Phenanthrene-d10	17.278	188	559368	20.000	ng	-0.01
76) Chrysene-d12	21.525	240	587367	20.000	ng	0.00
86) Perylene-d12	24.592	264	695984	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	402887	90.625	ng	-0.01
7) Phenol-d6	7.078	99	561273	87.393	ng	-0.01
23) Nitrobenzene-d5	9.064	82	355141	64.542	ng	-0.01
42) 2,4,6-Tribromophenol	16.020	330	340025	109.520	ng	-0.01
45) 2-Fluorobiphenyl	13.159	172	837837	61.516	ng	-0.01
79) Terphenyl-d14	19.898	244	1729946	58.400	ng	0.00

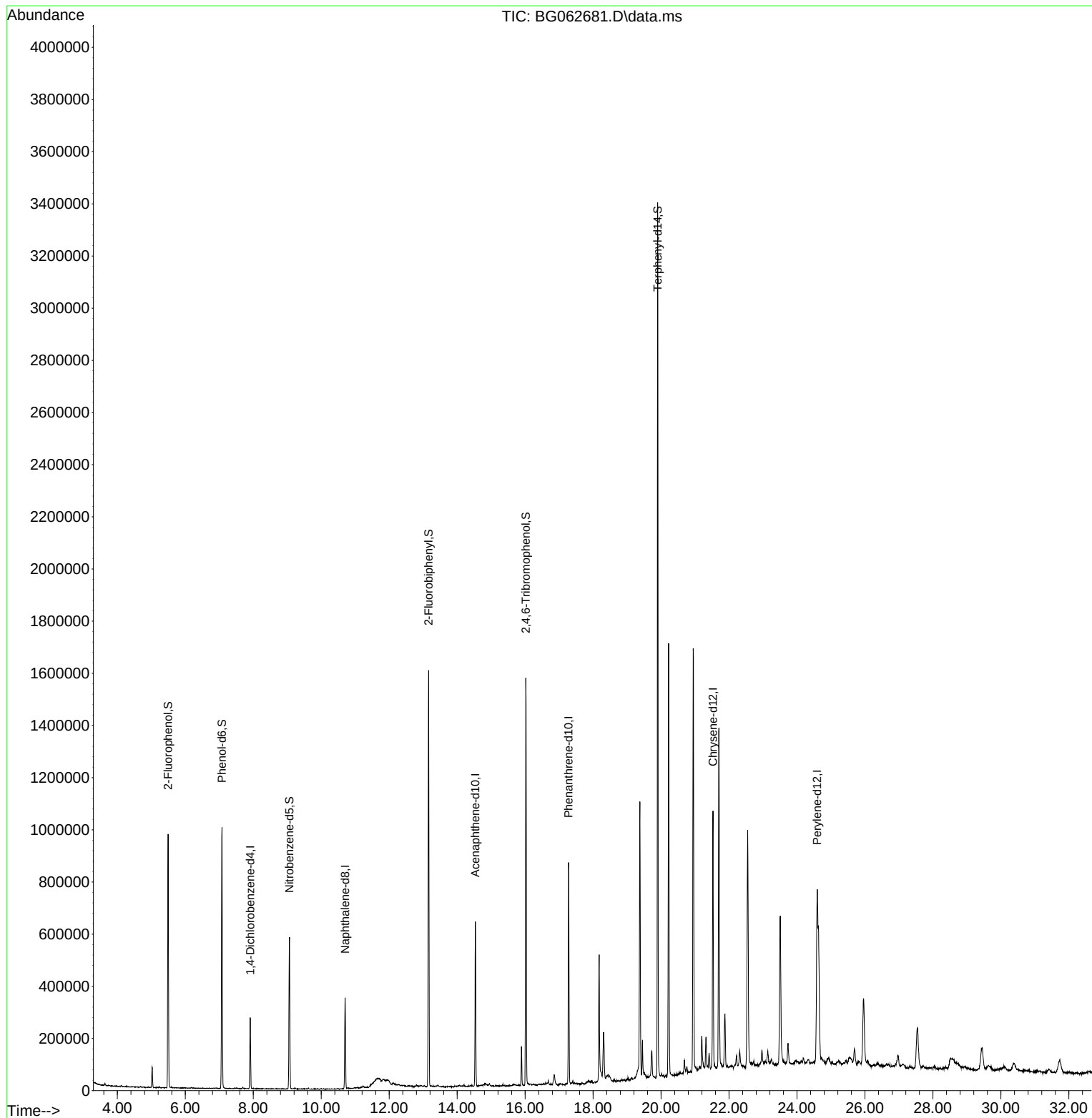
Target Compounds	Qvalue

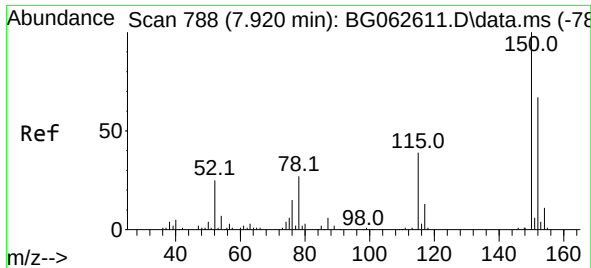
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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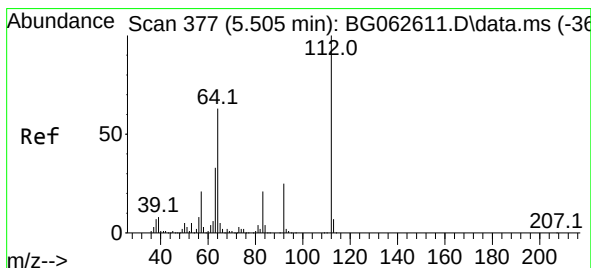
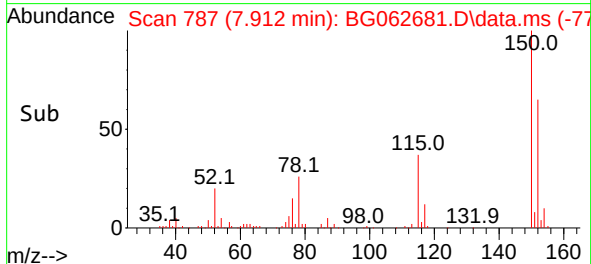
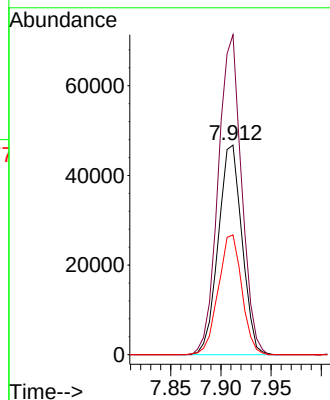
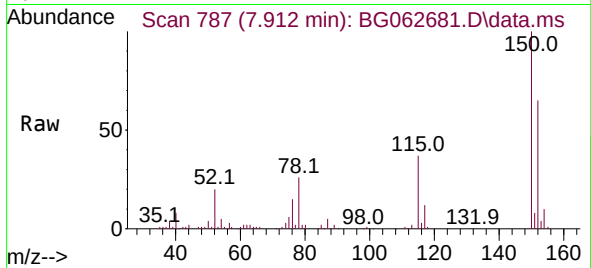




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG062681.D
Acq: 6 Sep 2024 15:02

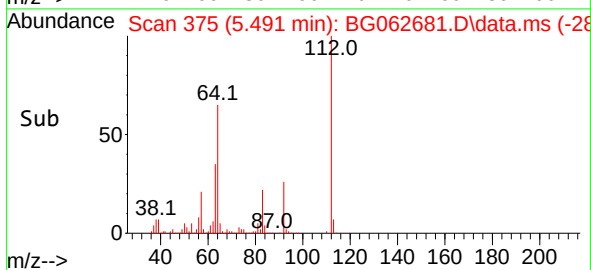
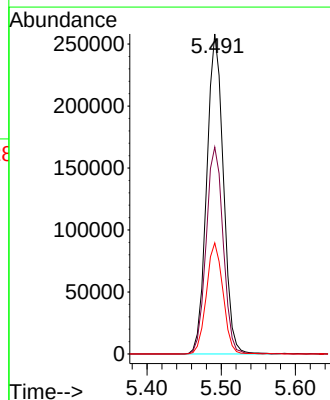
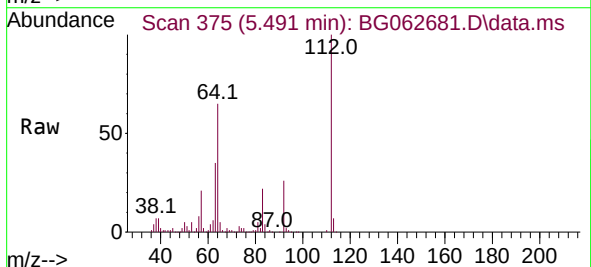
Instrument :
BNA_G
ClientSampleId :
WC-C1-COMP

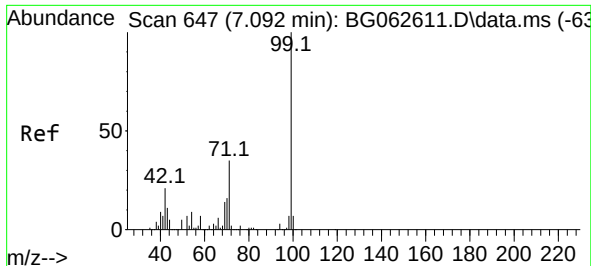
Tgt Ion:152 Resp: 76845
Ion Ratio Lower Upper
152 100
150 152.7 119.9 179.9
115 57.2 46.6 69.8



#5
2-Fluorophenol
Concen: 90.625 ng
RT: 5.491 min Scan# 375
Delta R.T. -0.014 min
Lab File: BG062681.D
Acq: 6 Sep 2024 15:02

Tgt Ion:112 Resp: 402887
Ion Ratio Lower Upper
112 100
64 64.7 50.2 75.2
63 34.7 26.6 39.8

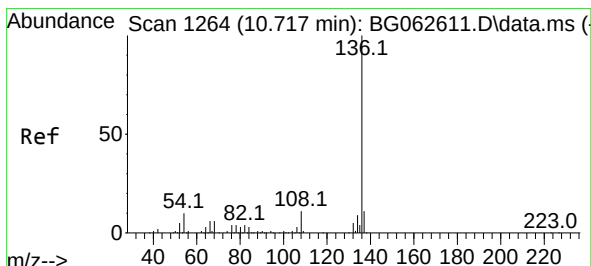
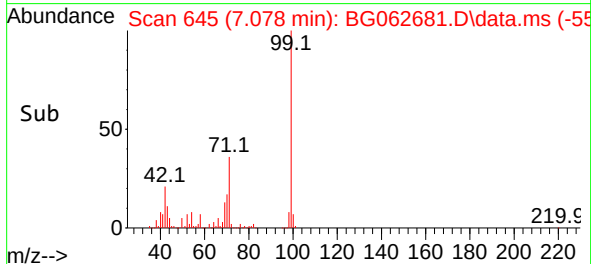
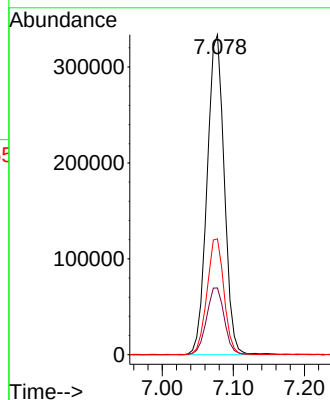
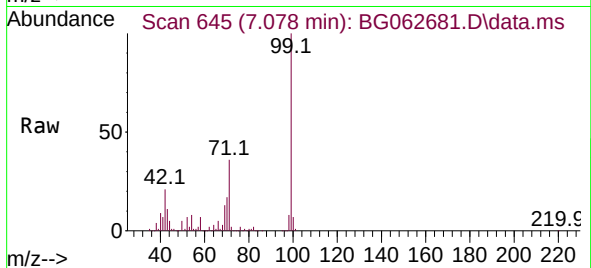




#7
Phenol-d6
Concen: 87.393 ng
RT: 7.078 min Scan# 64
Delta R.T. -0.014 min
Lab File: BG062681.D
Acq: 6 Sep 2024 15:02

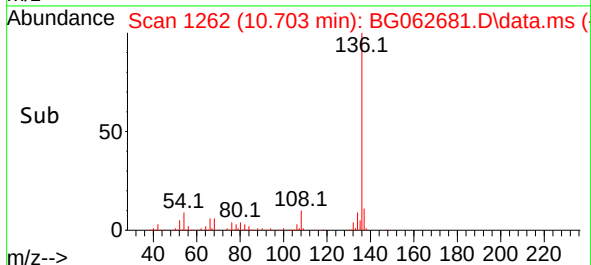
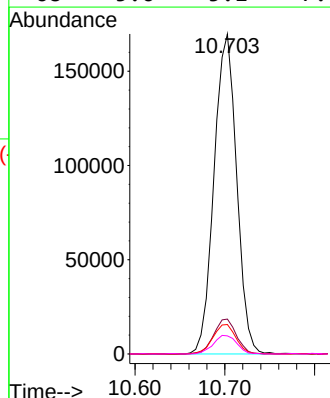
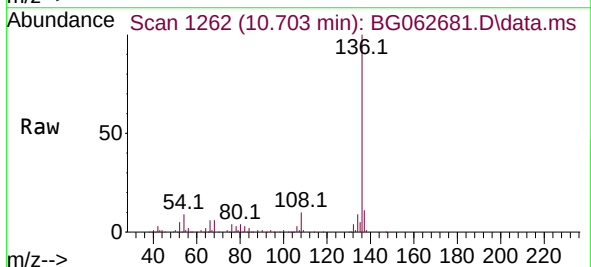
Instrument :
BNA_G
ClientSampleId :
WC-C1-COMP

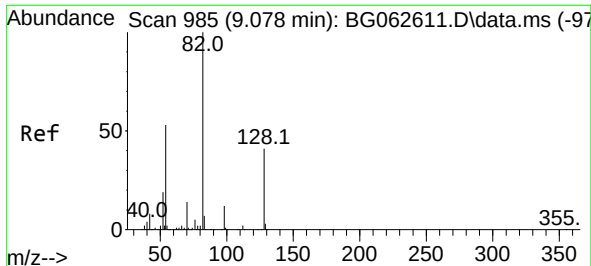
Tgt Ion: 99 Resp: 561273
Ion Ratio Lower Upper
99 100
42 20.9 16.9 25.3
71 36.2 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.703 min Scan# 1262
Delta R.T. -0.014 min
Lab File: BG062681.D
Acq: 6 Sep 2024 15:02

Tgt Ion: 136 Resp: 296342
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.2 7.8 11.6
68 5.6 5.1 7.7

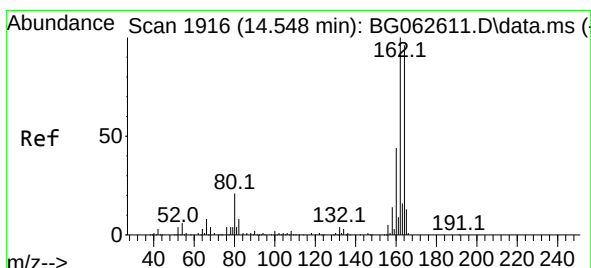
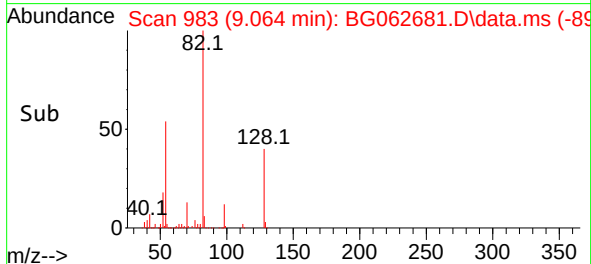
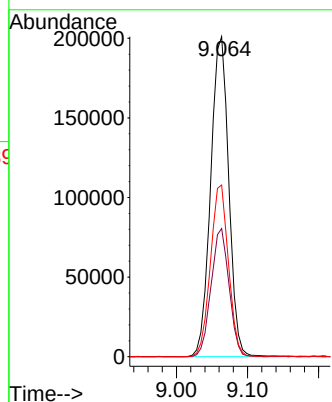
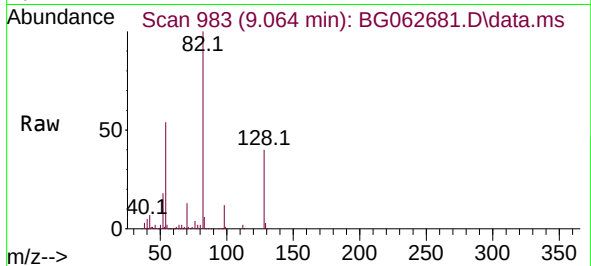




#23
Nitrobenzene-d5
Concen: 64.542 ng
RT: 9.064 min Scan# 91
Delta R.T. -0.014 min
Lab File: BG062681.D
Acq: 6 Sep 2024 15:02

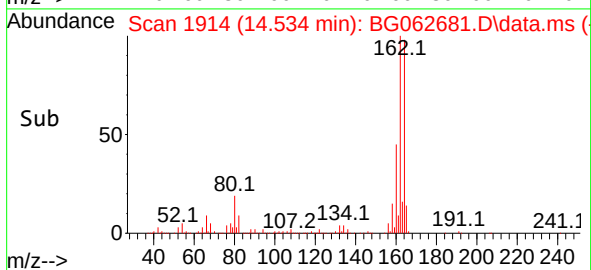
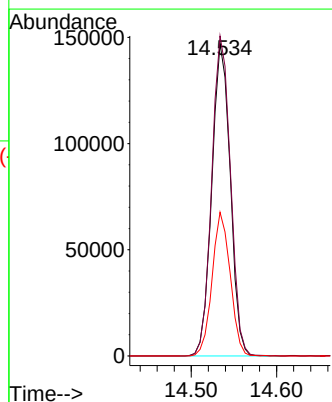
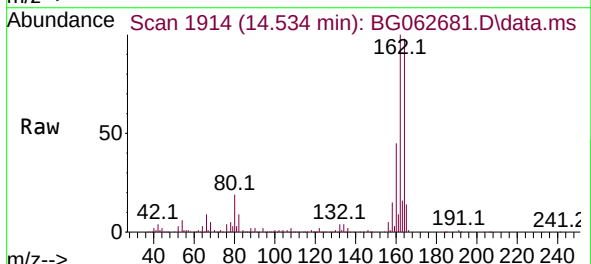
Instrument :
BNA_G
ClientSampleId :
WC-C1-COMP

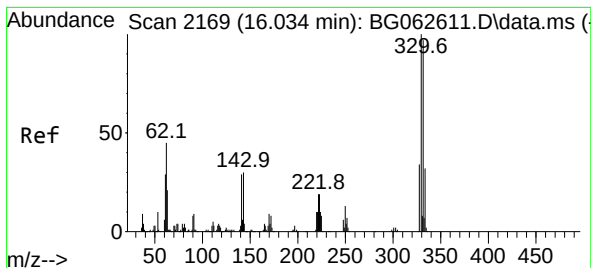
Tgt Ion: 82 Resp: 355141
Ion Ratio Lower Upper
82 100
128 40.1 32.5 48.7
54 53.7 42.5 63.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1914
Delta R.T. -0.014 min
Lab File: BG062681.D
Acq: 6 Sep 2024 15:02

Tgt Ion: 164 Resp: 220611
Ion Ratio Lower Upper
164 100
162 102.4 83.1 124.7
160 46.0 36.2 54.4

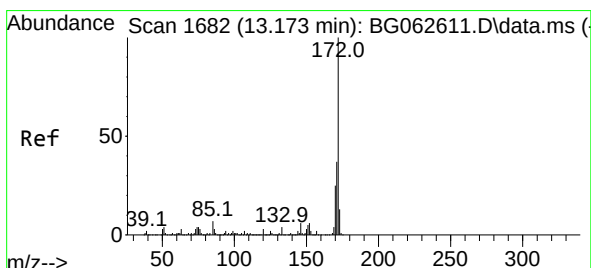
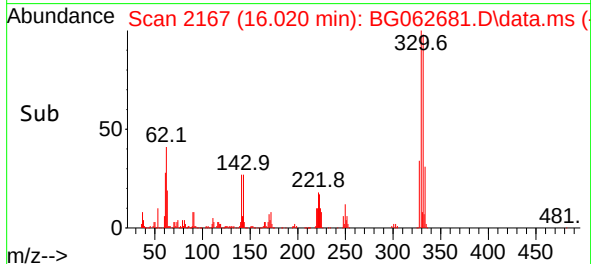
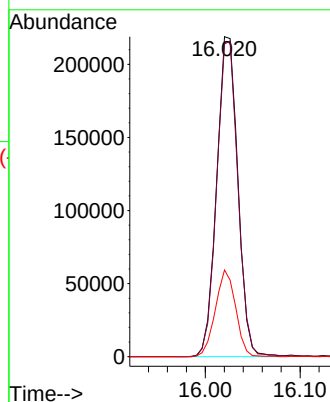
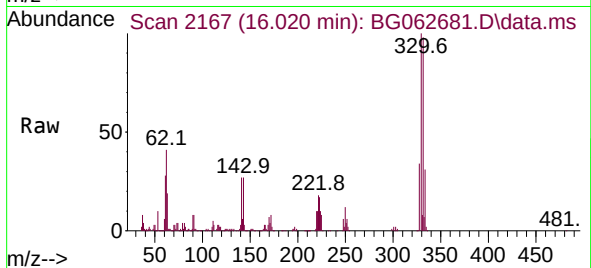




#42
2,4,6-Tribromophenol
Concen: 109.520 ng
RT: 16.020 min Scan# 2169
Delta R.T. -0.014 min
Lab File: BG062681.D
Acq: 6 Sep 2024 15:02

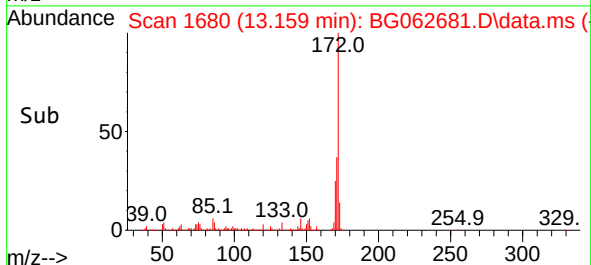
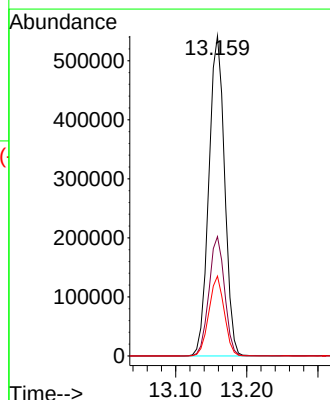
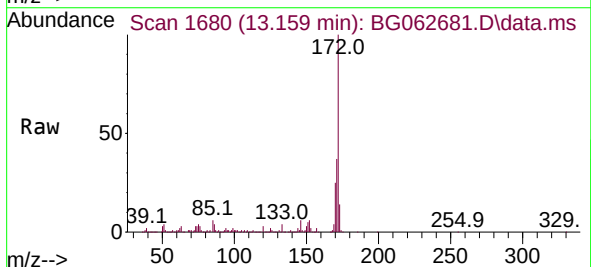
Instrument :
BNA_G
ClientSampleId :
WC-C1-COMP

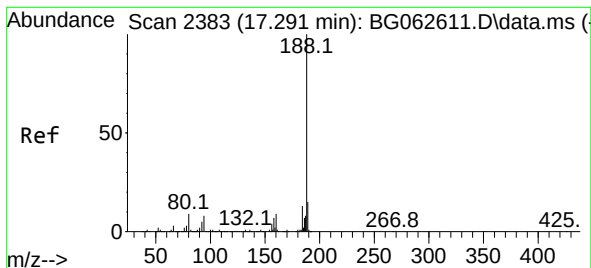
Tgt Ion:330 Resp: 340025
Ion Ratio Lower Upper
330 100
332 98.3 77.2 115.8
141 25.9 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 61.516 ng
RT: 13.159 min Scan# 1680
Delta R.T. -0.014 min
Lab File: BG062681.D
Acq: 6 Sep 2024 15:02

Tgt Ion:172 Resp: 837837
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 25.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.278 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG062681.D

Acq: 6 Sep 2024 15:02

Instrument :

BNA_G

ClientSampleId :

WC-C1-COMP

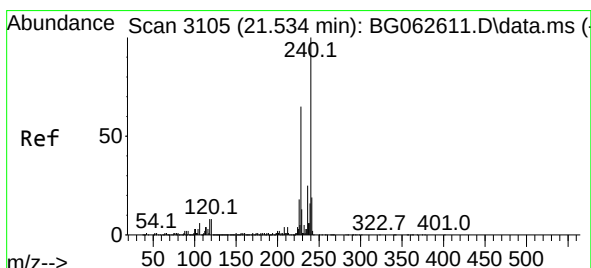
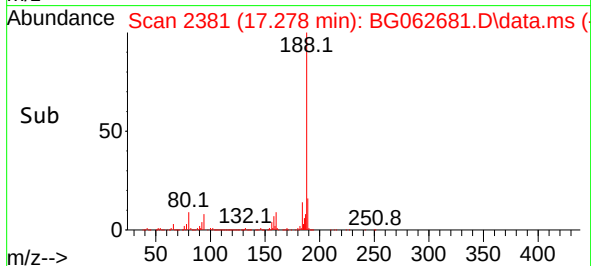
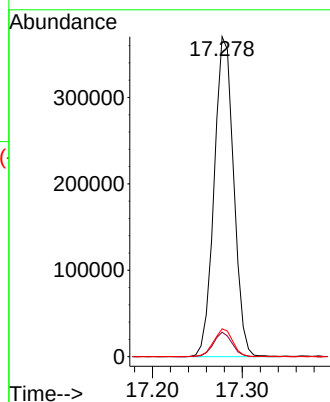
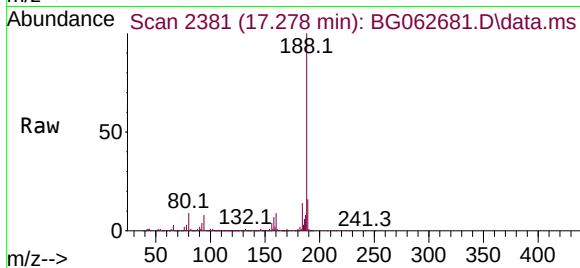
Tgt Ion:188 Resp: 559368

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

80 8.7 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.525 min Scan# 3104

Delta R.T. -0.008 min

Lab File: BG062681.D

Acq: 6 Sep 2024 15:02

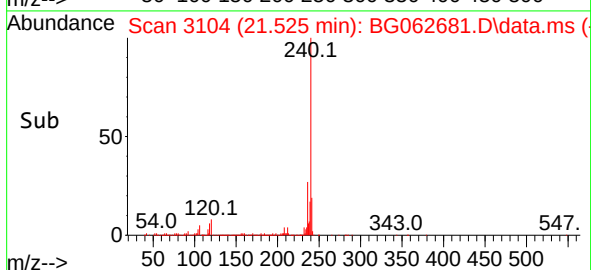
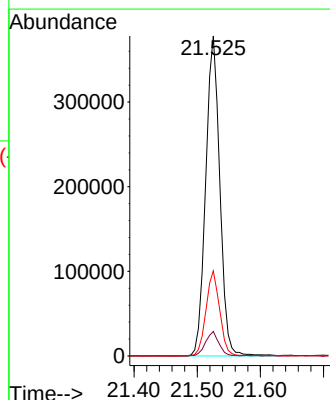
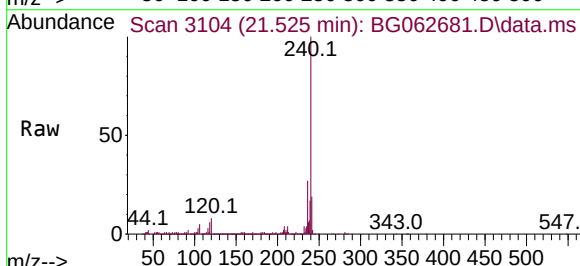
Tgt Ion:240 Resp: 587367

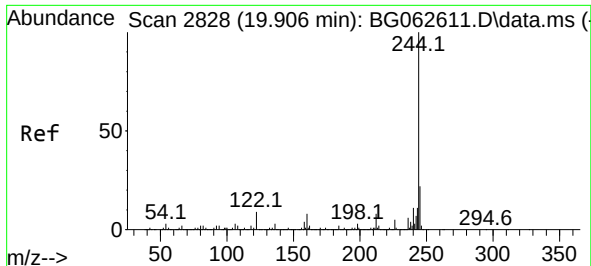
Ion Ratio Lower Upper

240 100

120 7.6 6.6 9.8

236 26.6 20.2 30.4

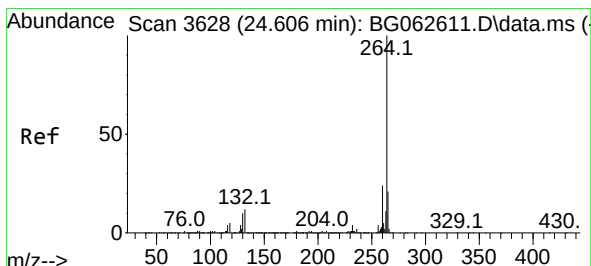
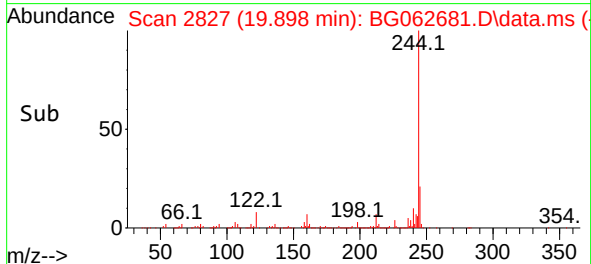
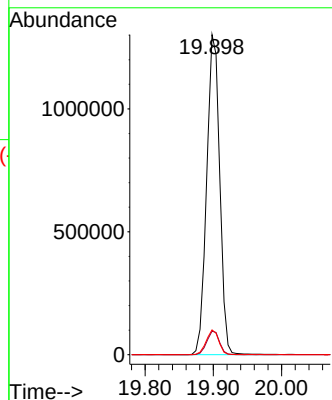
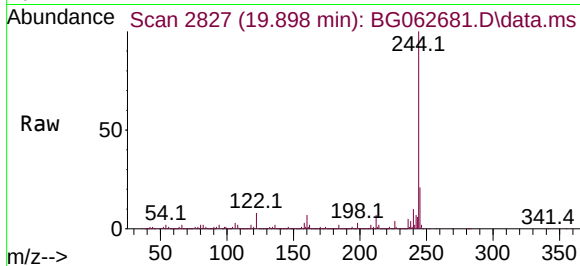




#79
 Terphenyl-d14
 Concen: 58.400 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG062681.D
 Acq: 6 Sep 2024 15:02

Instrument :
 BNA_G
 ClientSampleId :
 WC-C1-COMP

Tgt Ion:244 Resp: 1729946
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.6 10.0
 122 7.8 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.592 min Scan# 3626
 Delta R.T. -0.014 min
 Lab File: BG062681.D
 Acq: 6 Sep 2024 15:02

Tgt Ion:264 Resp: 695984
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 21.3 17.3 25.9

