

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064096.D
 Acq On : 11 Mar 2025 15:16
 Operator : RC/JU
 Sample : Q1534-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-363-COMP-19

Quant Time: Mar 11 15:51:29 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)

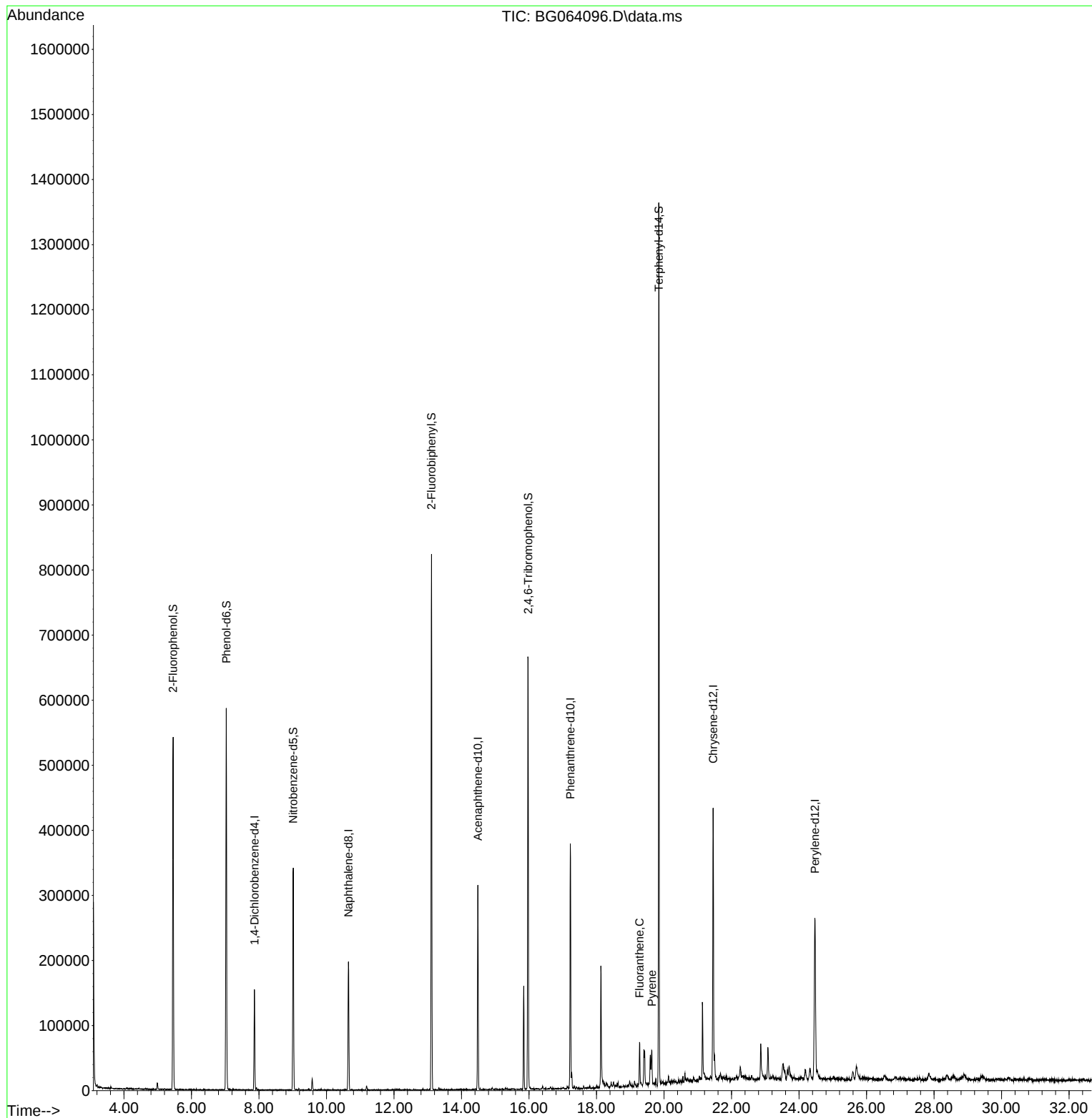
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	36461	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	155400	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	100841	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	219490	20.000	ng	0.00
76) Chrysene-d12	21.454	240	223276	20.000	ng	0.00
86) Perylene-d12	24.469	264	240901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.456	112	206006	88.222	ng	0.00
7) Phenol-d6	7.030	99	275354	86.682	ng	0.00
23) Nitrobenzene-d5	9.016	82	179329	63.771	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	112218	100.113	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	382750	57.612	ng	0.00
79) Terphenyl-d14	19.845	244	626200	56.709	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.275	202	36820	2.609	ng	98
78) Pyrene	19.639	202	32700	2.272	ng	96

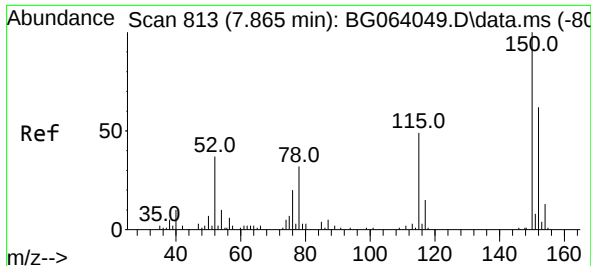
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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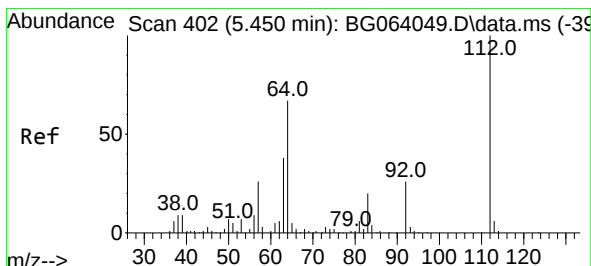
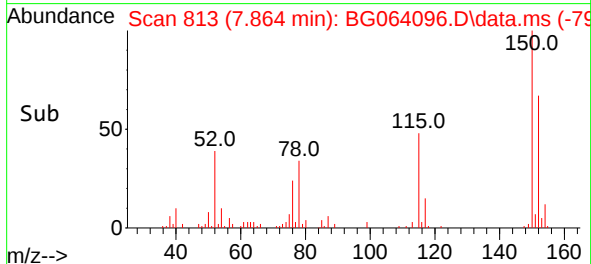
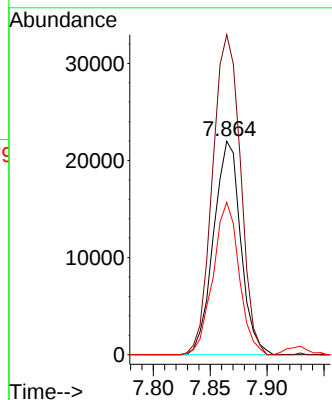
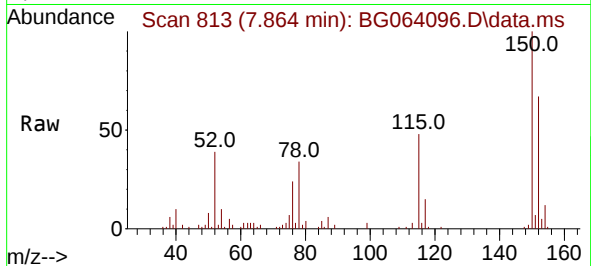




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064096.D
Acq: 11 Mar 2025 15:16

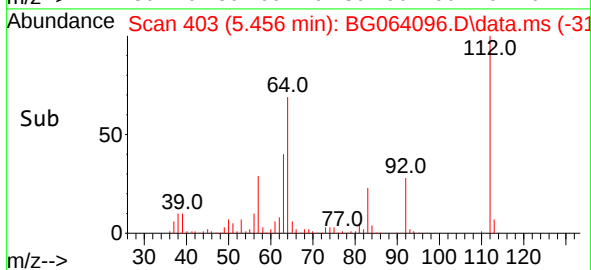
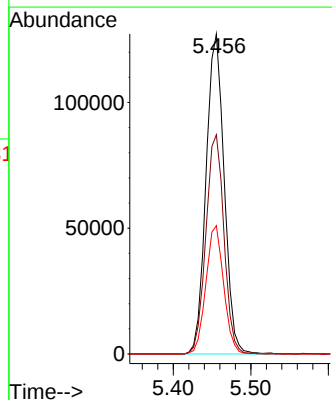
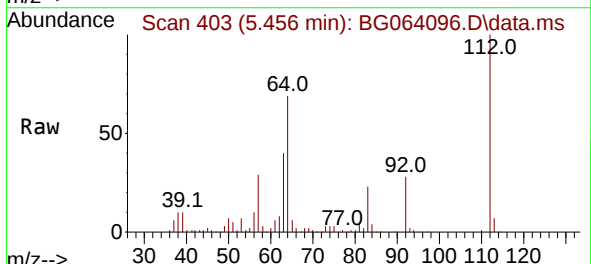
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-19

Tgt Ion:152 Resp: 36461
Ion Ratio Lower Upper
152 100
150 149.9 129.2 193.8
115 71.3 63.0 94.6



#5
2-Fluorophenol
Concen: 88.222 ng
RT: 5.456 min Scan# 403
Delta R.T. 0.006 min
Lab File: BG064096.D
Acq: 11 Mar 2025 15:16

Tgt Ion:112 Resp: 206006
Ion Ratio Lower Upper
112 100
64 68.5 53.7 80.5
63 40.1 30.2 45.4

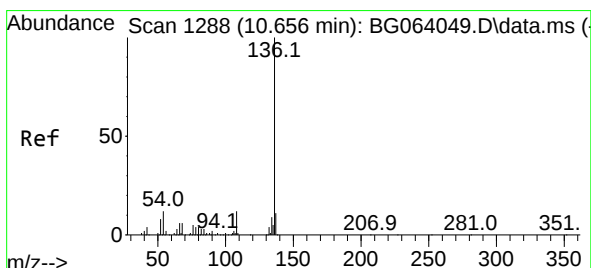
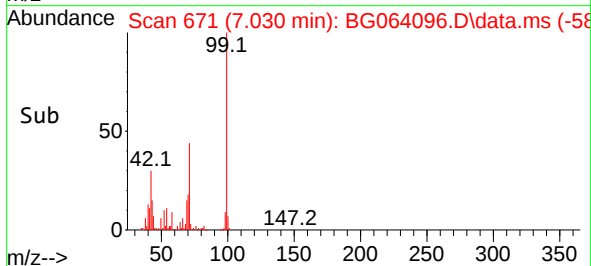
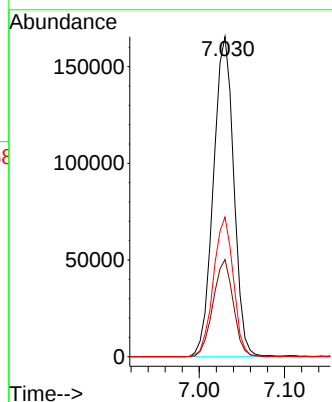
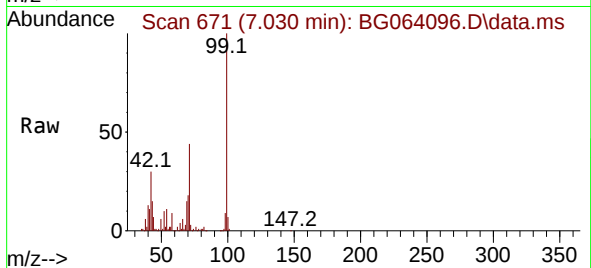




#7
Phenol-d6
Concen: 86.682 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG064096.D
Acq: 11 Mar 2025 15:16

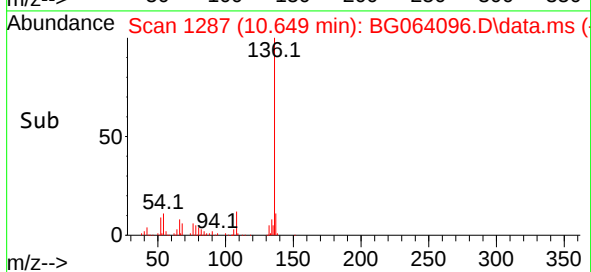
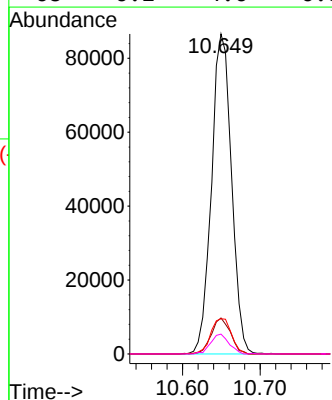
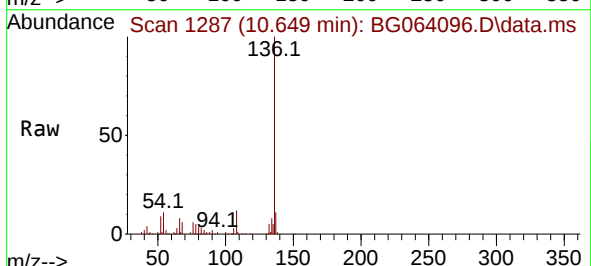
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-19

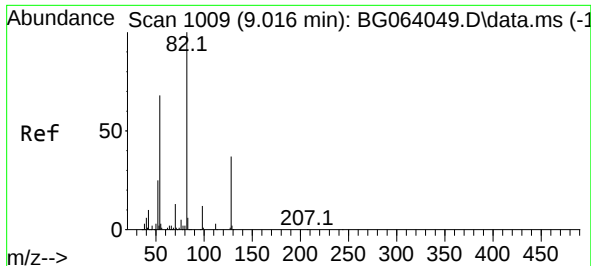
Tgt Ion: 99 Resp: 275354
Ion Ratio Lower Upper
99 100
42 30.4 22.7 34.1
71 43.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064096.D
Acq: 11 Mar 2025 15:16

Tgt Ion: 136 Resp: 155400
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.0 9.9 14.9
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 63.771 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BG064096.D

Acq: 11 Mar 2025 15:16

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-19

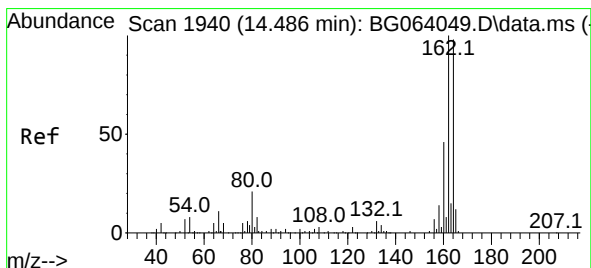
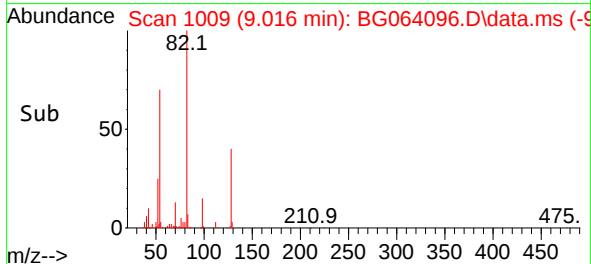
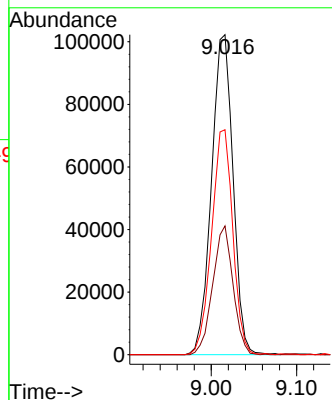
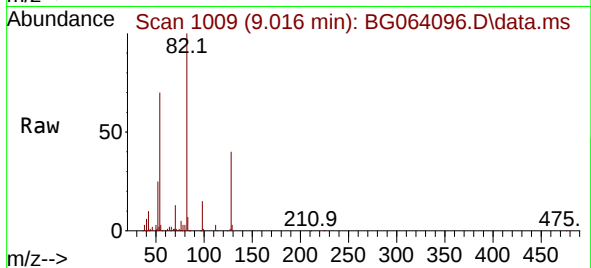
Tgt Ion: 82 Resp: 179329

Ion Ratio Lower Upper

82 100

128 40.3 30.0 45.0

54 70.3 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BG064096.D

Acq: 11 Mar 2025 15:16

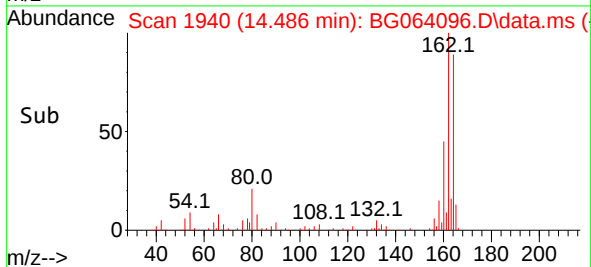
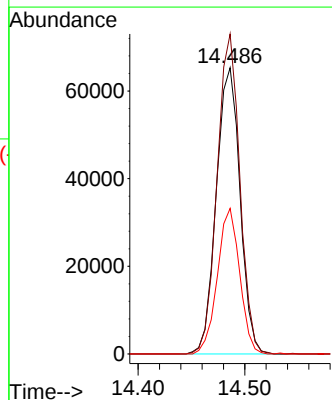
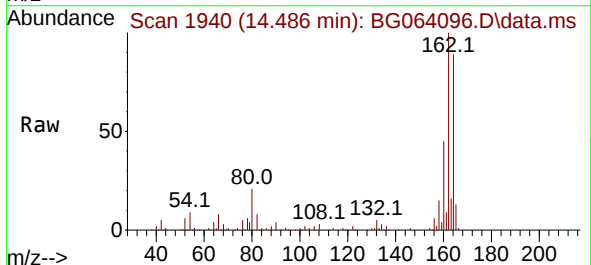
Tgt Ion:164 Resp: 100841

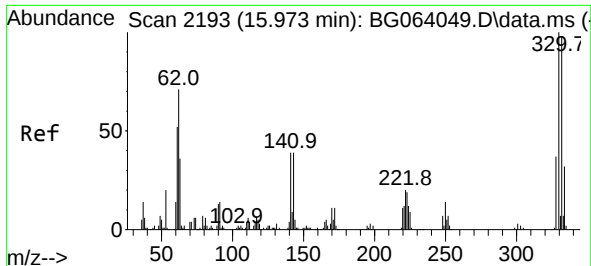
Ion Ratio Lower Upper

164 100

162 111.8 81.4 122.0

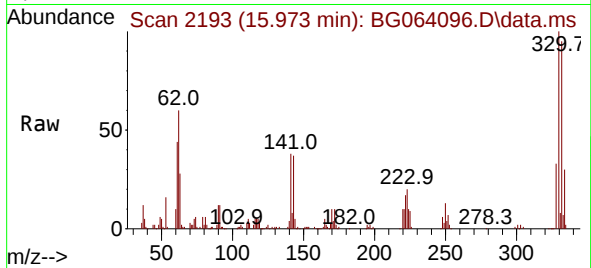
160 50.8 37.0 55.6



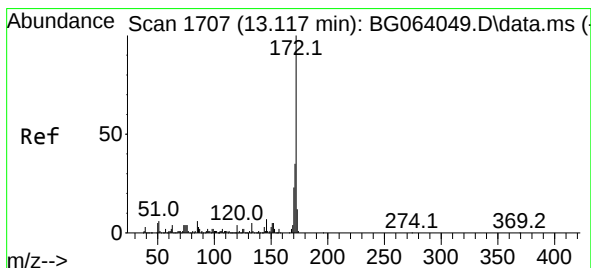
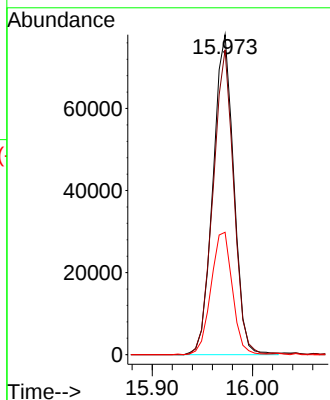
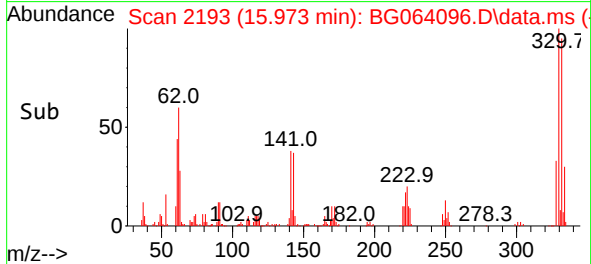


#42
2,4,6-Tribromophenol
Concen: 100.113 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG064096.D
Acq: 11 Mar 2025 15:16

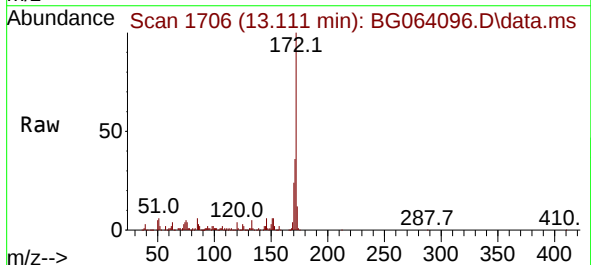
Instrument :
BNA_G
ClientSampleId :
OR-363-COMP-19



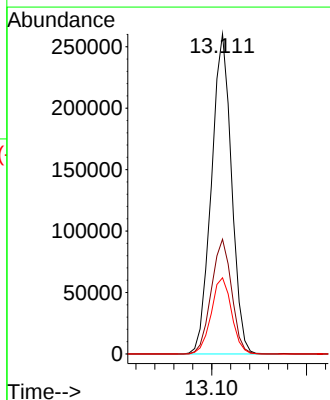
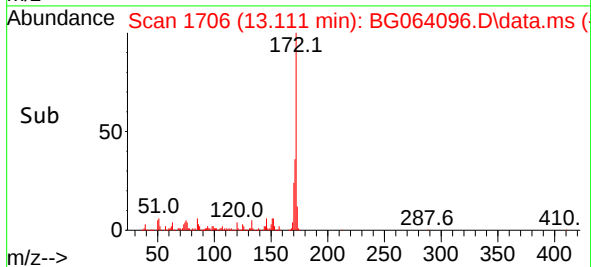
Tgt Ion:330 Resp: 112218
Ion Ratio Lower Upper
330 100
332 94.6 76.7 115.1
141 39.4 29.7 44.5

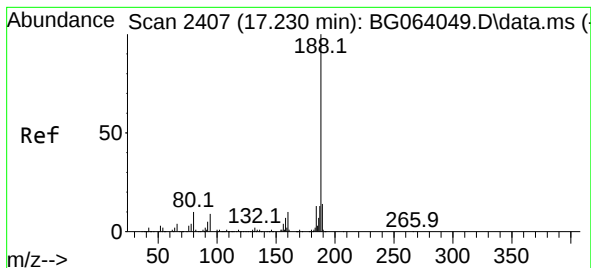


#45
2-Fluorobiphenyl
Concen: 57.612 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064096.D
Acq: 11 Mar 2025 15:16



Tgt Ion:172 Resp: 382750
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BG064096.D

Acq: 11 Mar 2025 15:16

Instrument :

BNA_G

ClientSampleId :

OR-363-COMP-19

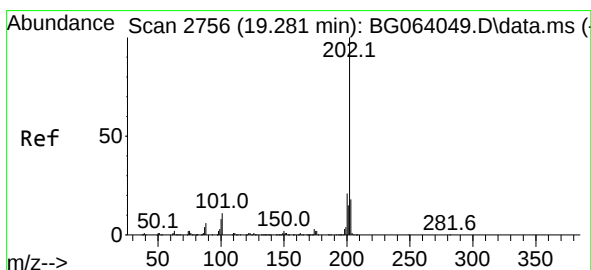
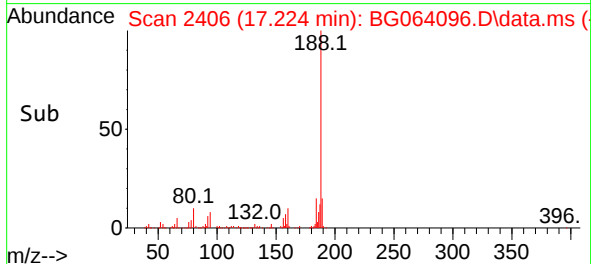
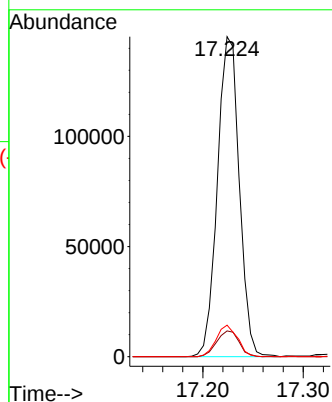
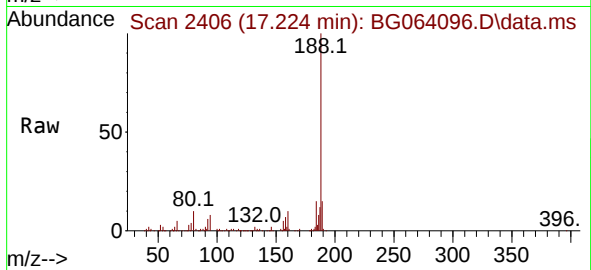
Tgt Ion:188 Resp: 219490

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

80 9.9 8.1 12.1



#75

Fluoranthene

Concen: 2.609 ng

RT: 19.275 min Scan# 2755

Delta R.T. -0.006 min

Lab File: BG064096.D

Acq: 11 Mar 2025 15:16

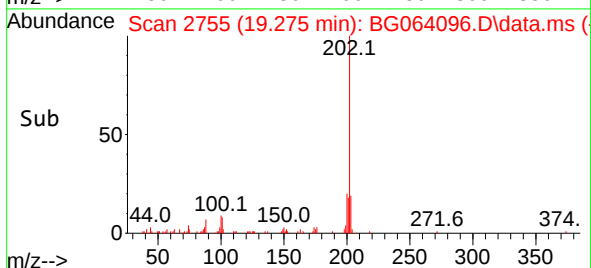
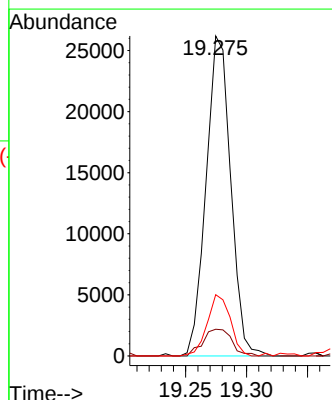
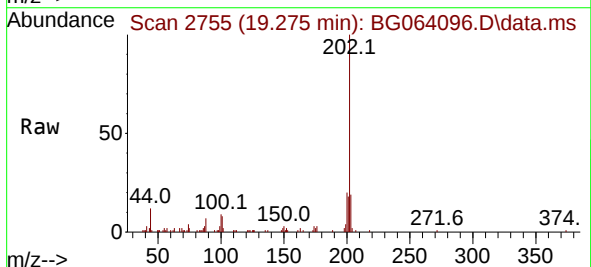
Tgt Ion:202 Resp: 36820

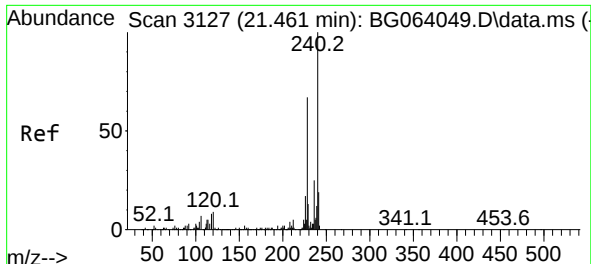
Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.5

203 19.1 0.0 38.3

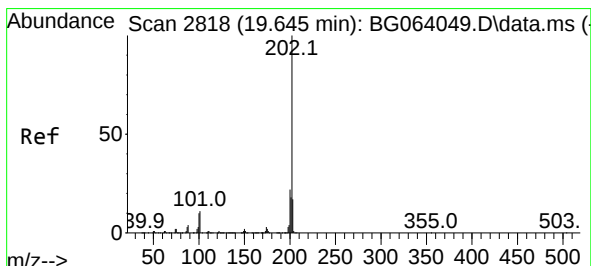
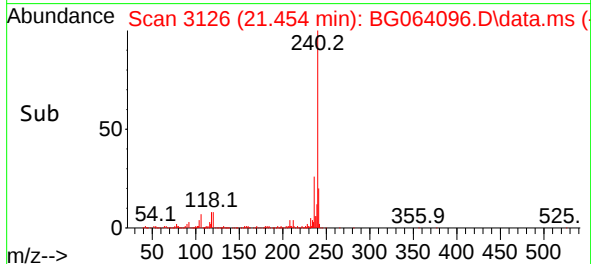
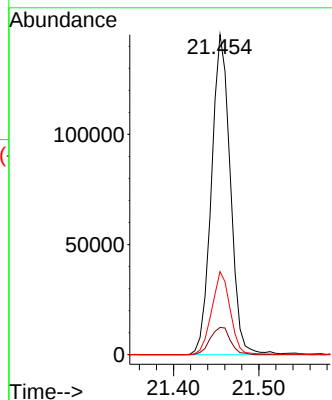
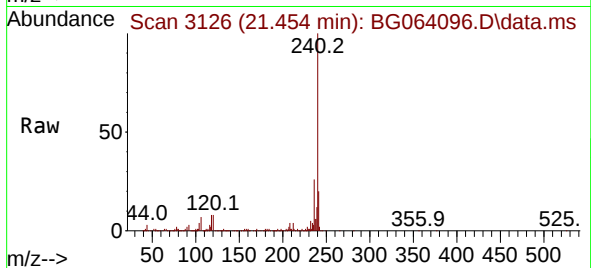




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064096.D
Acq: 11 Mar 2025 15:16

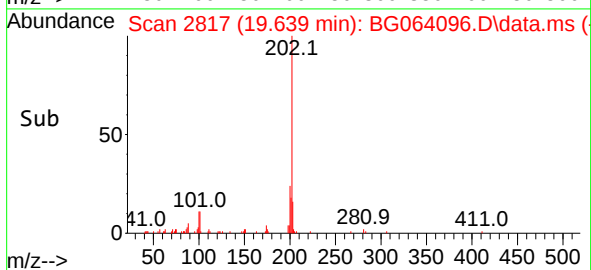
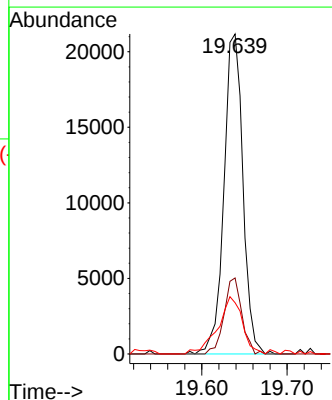
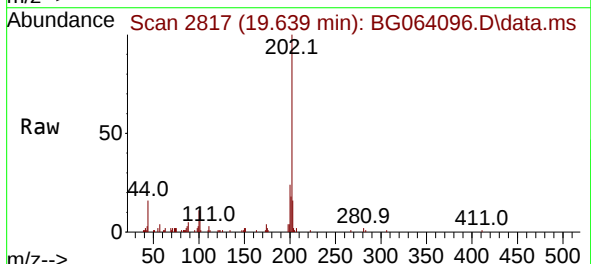
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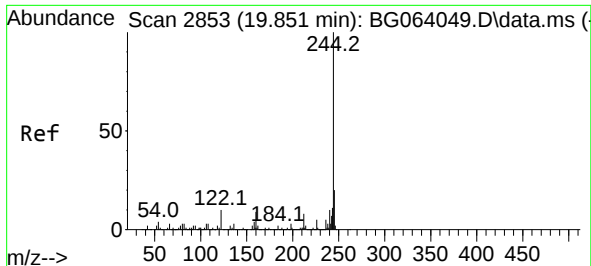
Tgt Ion:240 Resp: 223276
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 26.0 20.2 30.2



#78
Pyrene
Concen: 2.272 ng
RT: 19.639 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BG064096.D
Acq: 11 Mar 2025 15:16

Tgt Ion:202 Resp: 32700
Ion Ratio Lower Upper
202 100
200 23.7 17.3 25.9
203 16.0 13.6 20.4

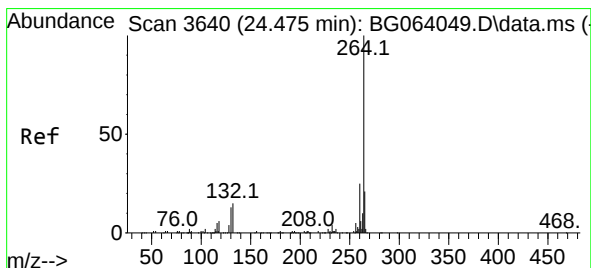
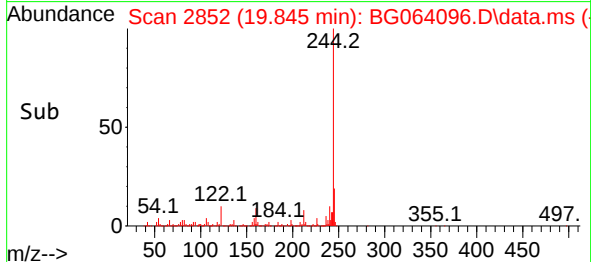
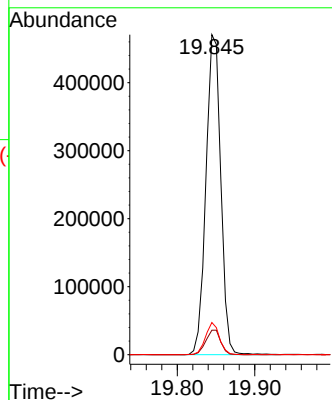
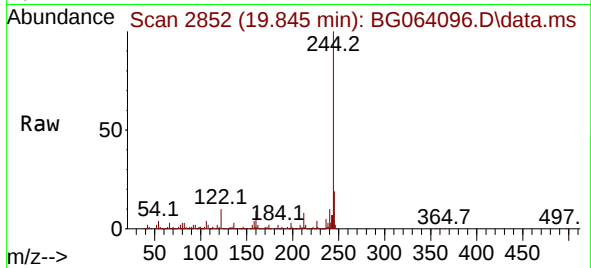




#79
 Terphenyl-d14
 Concen: 56.709 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064096.D
 Acq: 11 Mar 2025 15:16

Instrument :
 BNA_G
 ClientSampleId :
 OR-363-COMP-19

Tgt Ion:244 Resp: 626200
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.469 min Scan# 3639
 Delta R.T. -0.006 min
 Lab File: BG064096.D
 Acq: 11 Mar 2025 15:16

Tgt Ion:264 Resp: 240901
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.6 16.6 25.0

