

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
 Data File : BG064034.D
 Acq On : 3 Mar 2025 12:17
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Quant Time: Mar 04 07:09:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 07:06:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	33306	20.000	ng	-0.01
21) Naphthalene-d8	10.644	136	143256	20.000	ng	#-0.01
39) Acenaphthene-d10	14.487	164	104706	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	245114	20.000	ng	0.00
76) Chrysene-d12	21.455	240	263273	20.000	ng	0.00
86) Perylene-d12	24.475	264	263961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	

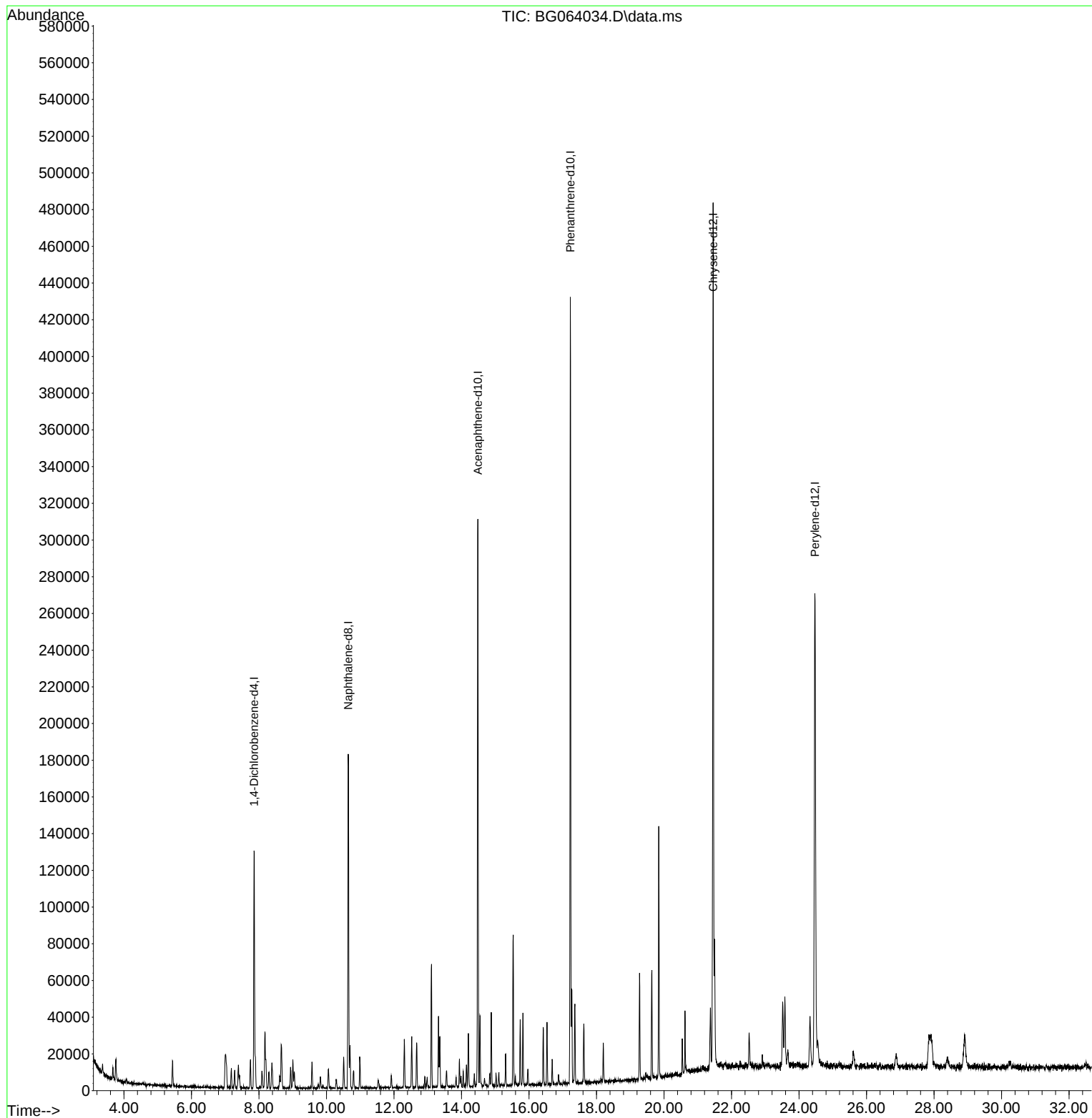
Target Compounds	Qvalue

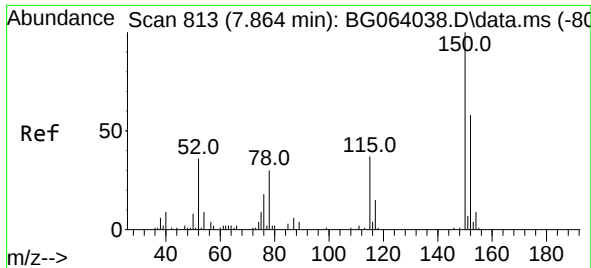
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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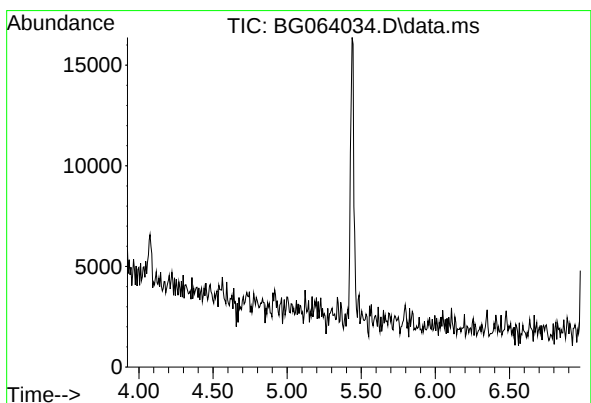
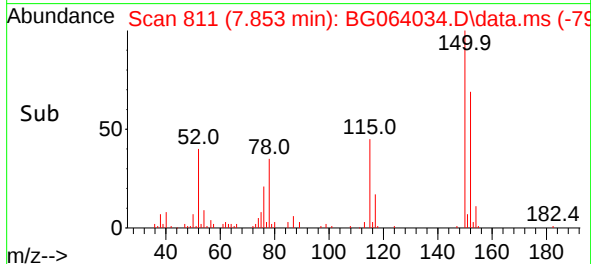
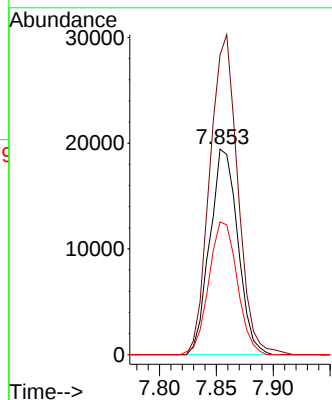
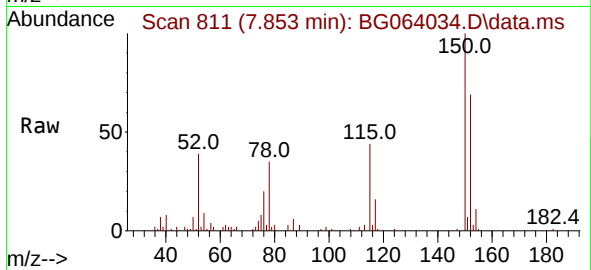




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.853 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BG064034.D
 Acq: 3 Mar 2025 12:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

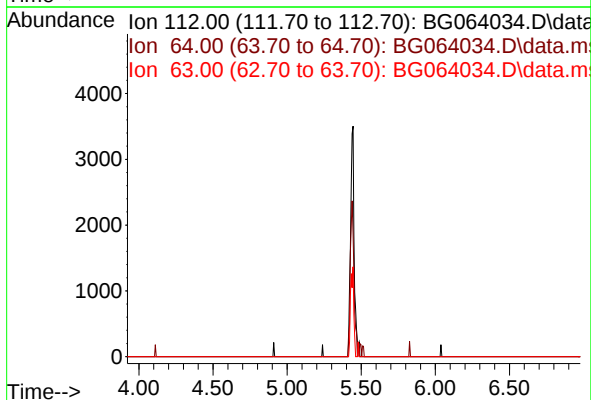
Tgt Ion:152 Resp: 33306
 Ion Ratio Lower Upper
 152 100
 150 145.7 137.7 206.5
 115 64.6 51.4 77.2

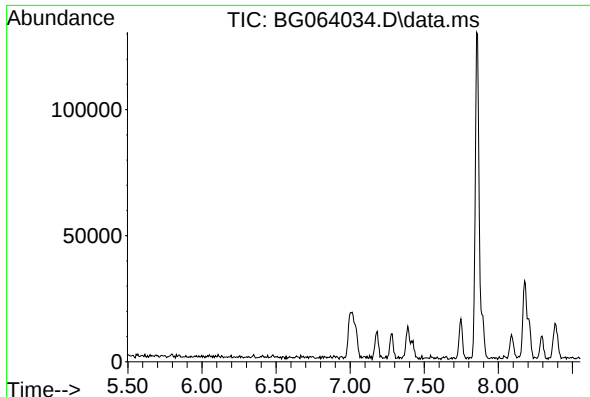


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.45 min

Lab File: BG064034.D
 Acq: 3 Mar 2025 12:17

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 63.1
 63 37.2



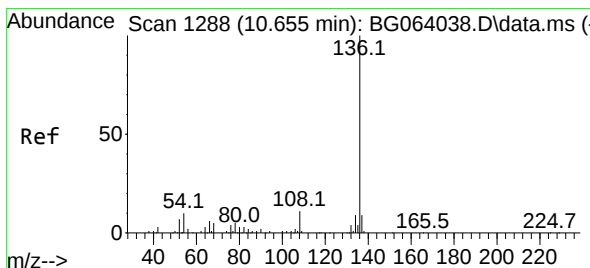
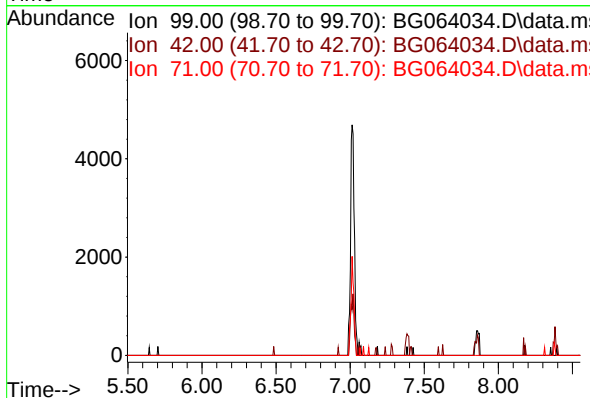


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.02 min
 Lab File: BG064034.D
 Acq: 3 Mar 2025 12:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

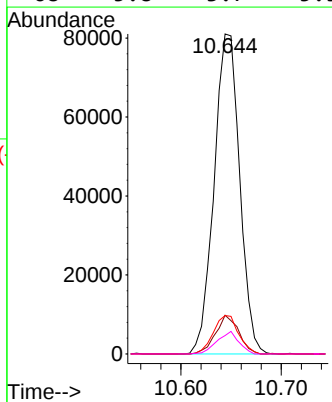
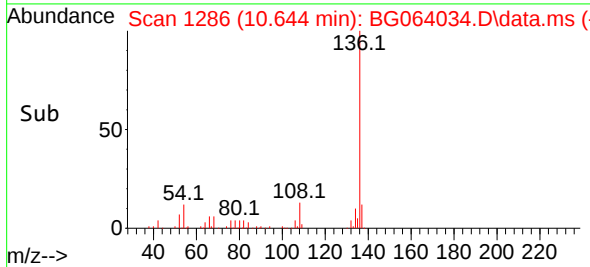
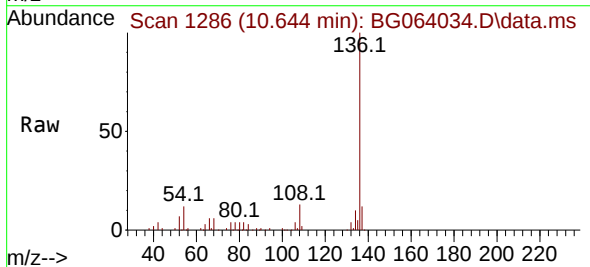
Sig	Exp Ratio
99	100
42	27.4
71	36.9

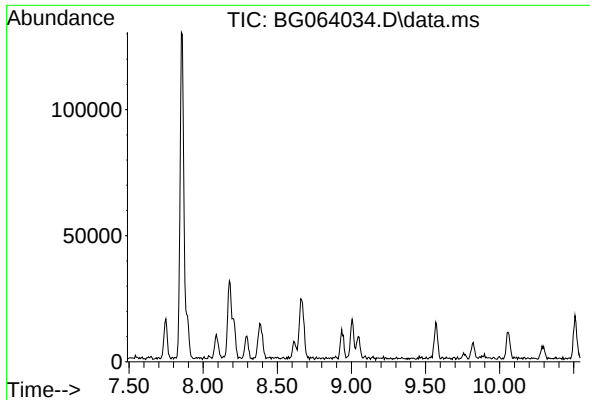


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.644 min Scan# 1286
 Delta R.T. -0.011 min
 Lab File: BG064034.D
 Acq: 3 Mar 2025 12:17

Tgt Ion: 136 Resp: 143256

Ion	Ratio	Lower	Upper
136	100		
137	12.1	7.3	10.9#
54	12.0	8.2	12.4
68	5.8	3.7	5.5#



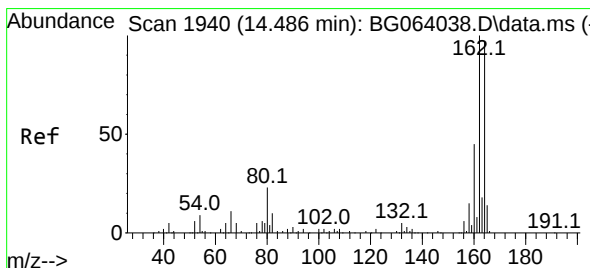
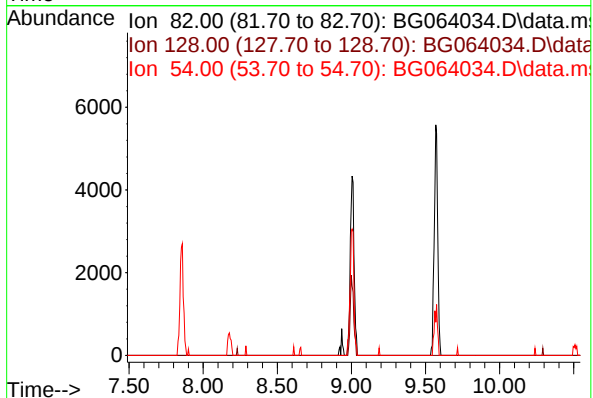


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.02 min
 Lab File: BG064034.D
 Acq: 3 Mar 2025 12:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 82

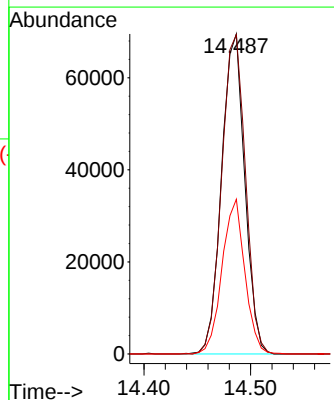
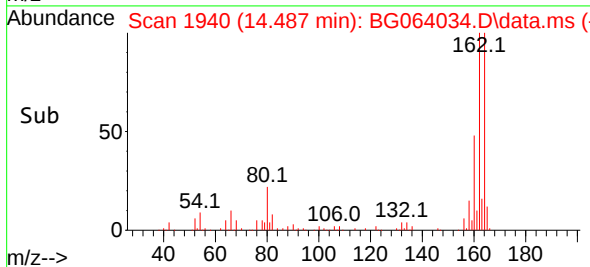
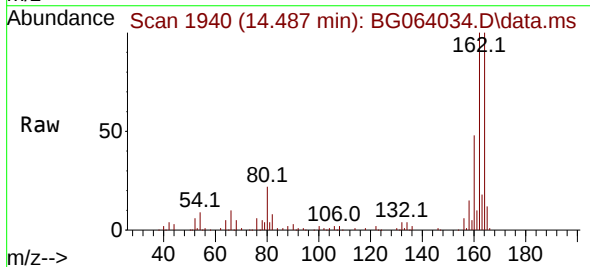
Sig	Exp Ratio
82	100
128	35.4
54	69.2

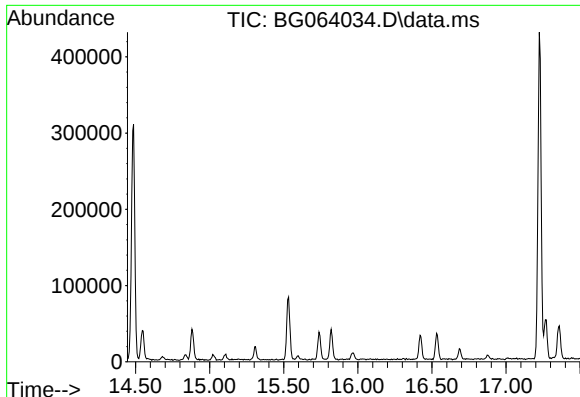


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.487 min Scan# 1940
 Delta R.T. 0.001 min
 Lab File: BG064034.D
 Acq: 3 Mar 2025 12:17

Tgt Ion: 164 Resp: 104706

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.7	124.1
160	48.4	37.4	56.0



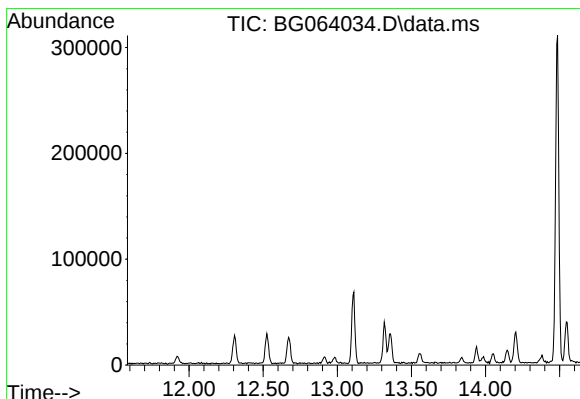
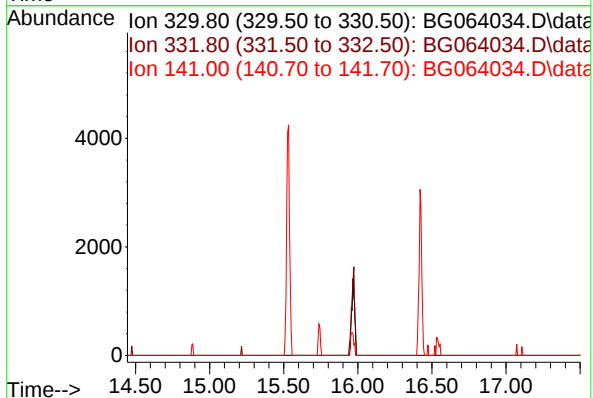


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.97 min
 Lab File: BG064034.D
 Acq: 3 Mar 2025 12:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	36.1

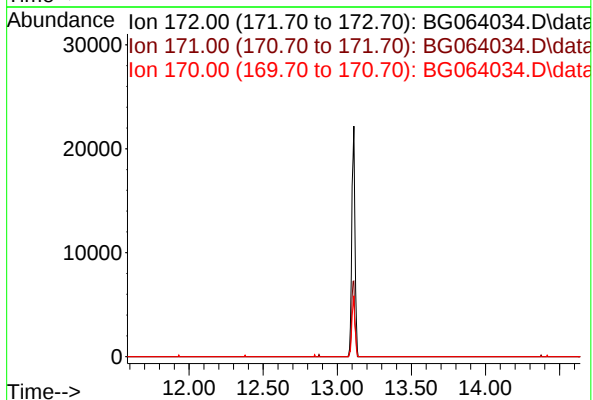


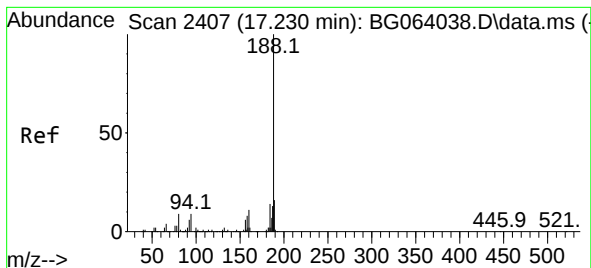
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.11 min

Lab File: BG064034.D
 Acq: 3 Mar 2025 12:17

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.2
170	24.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.225 min Scan# 2406

Delta R.T. -0.005 min

Lab File: BG064034.D

Acq: 3 Mar 2025 12:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

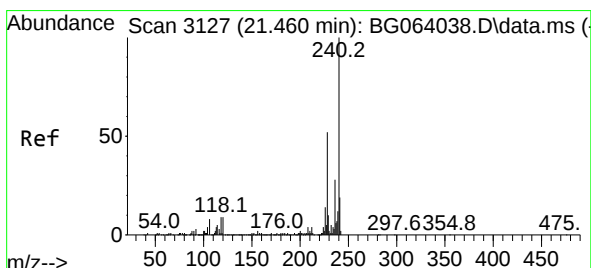
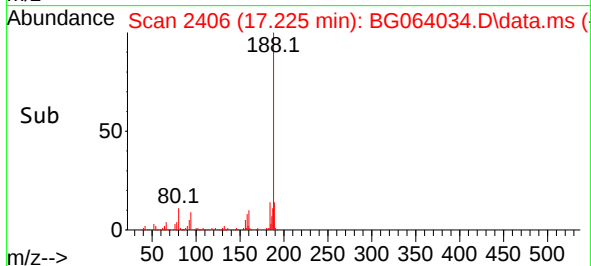
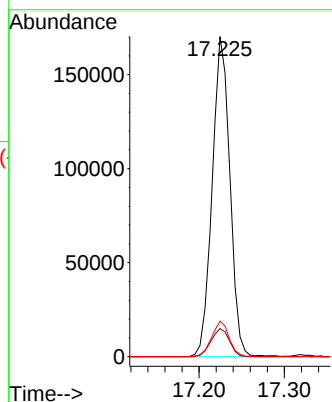
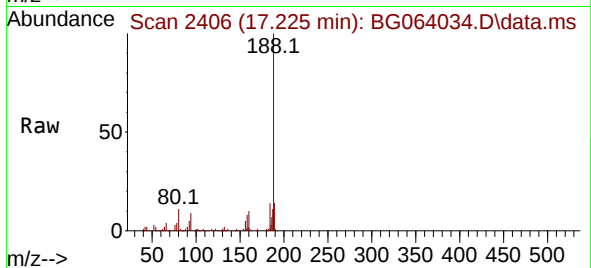
Tgt Ion:188 Resp: 245114

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 11.1 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.455 min Scan# 3126

Delta R.T. -0.005 min

Lab File: BG064034.D

Acq: 3 Mar 2025 12:17

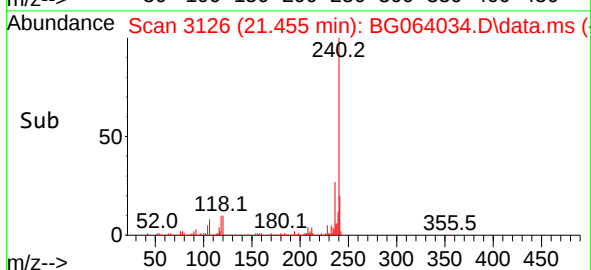
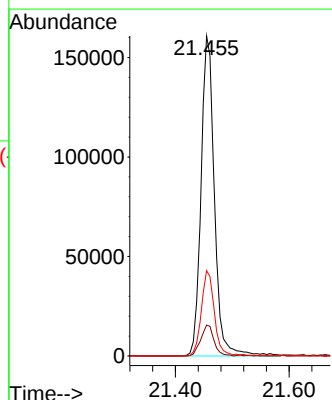
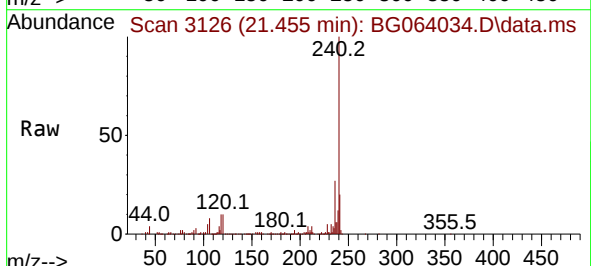
Tgt Ion:240 Resp: 263273

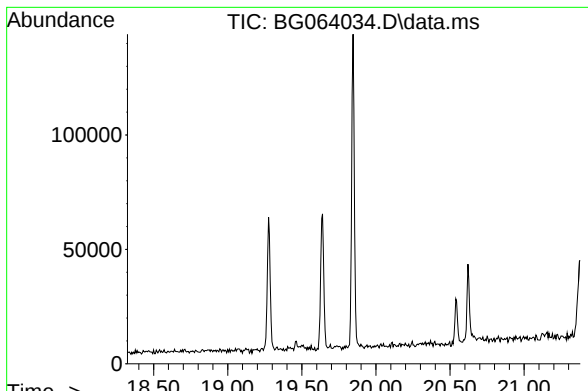
Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

236 26.7 22.0 33.0



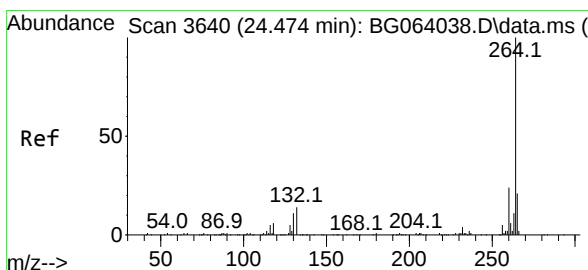
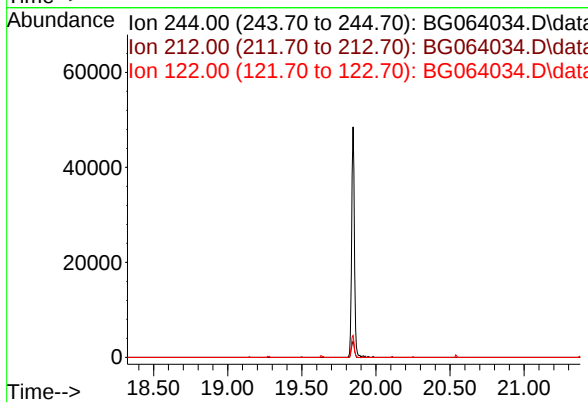


#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.85 min
 Lab File: BG064034.D
 Acq: 3 Mar 2025 12:17

Instrument : BNA_G
 ClientSampleId : SSTDICC2.5

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.9
122	10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.475 min Scan# 3640
 Delta R.T. 0.001 min
 Lab File: BG064034.D
 Acq: 3 Mar 2025 12:17

Tgt Ion: 264 Resp: 263961

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	21.5	17.2	25.8

