

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064162.D
 Acq On : 2 Apr 2025 21:04
 Operator : RC/JU
 Sample : Q1692-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-04012025

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

Quant Time: Apr 03 01:20:58 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	7.865	152	38774	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	167845	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	112184	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	228425	20.000	ng	0.00
76) Chrysene-d12	21.455	240	231151	20.000	ng	0.00
86) Perylene-d12	24.469	264	253226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	56129	22.603	ng	0.00
7) Phenol-d6	7.025	99	73091	21.636	ng	0.00
23) Nitrobenzene-d5	9.011	82	48163	15.857	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	31970	25.637	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	109016	14.750	ng	-0.01
79) Terphenyl-d14	19.845	244	168067	14.702	ng	0.00
Target Compounds						
71) Phenanthrene	17.266	178	39743	3.262	ng	Qvalue 96
75) Fluoranthene	19.275	202	46480	3.164	ng	95
78) Pyrene	19.640	202	65010m	4.363	ng	
81) Benzo(a)anthracene	21.438	228	30876m	2.085	ng	
90) Benzo(a)pyrene	24.328	252	29343	2.152	ng	# 94

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

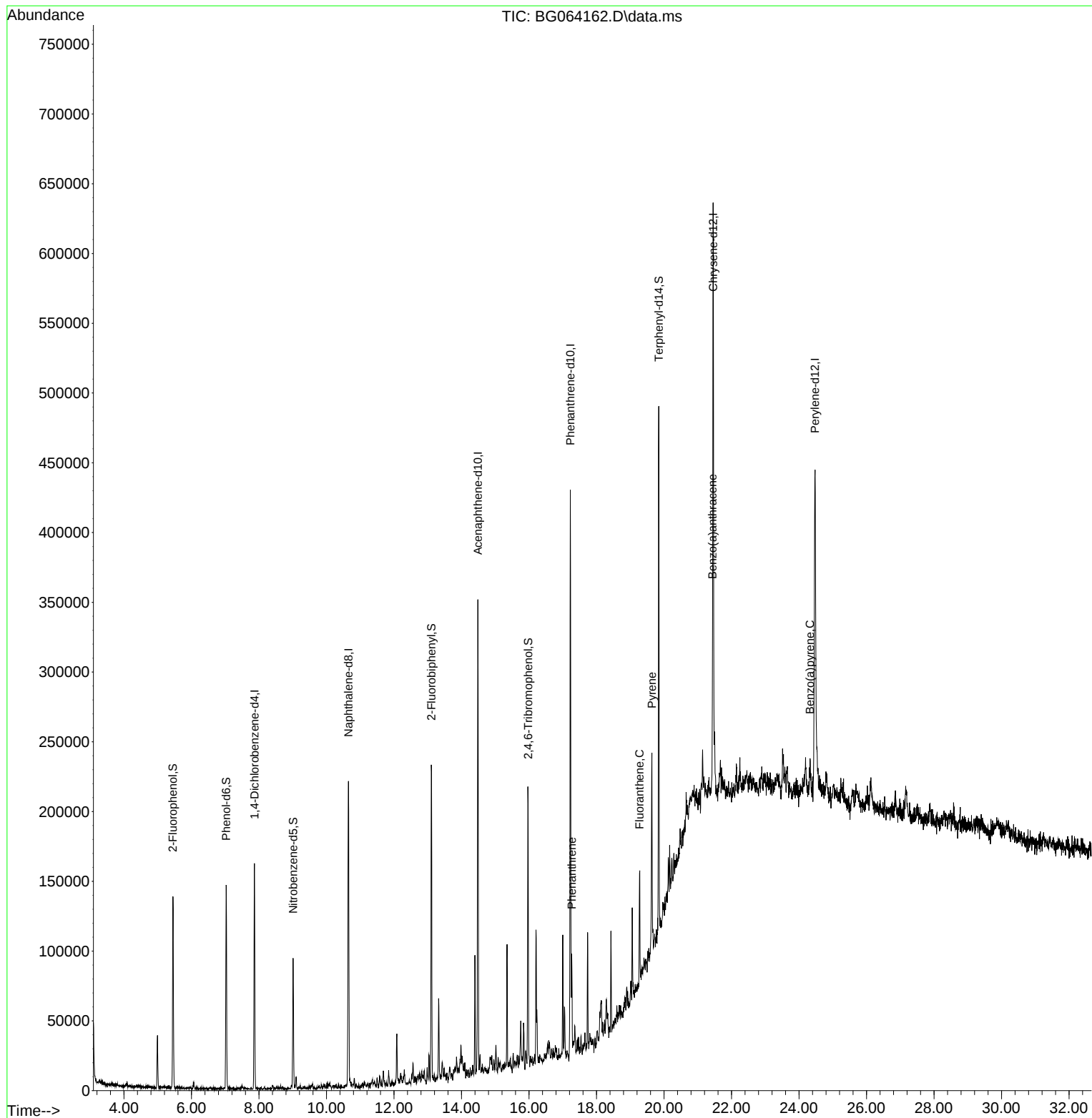
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
Data File : BG064162.D
Acq On : 2 Apr 2025 21:04
Operator : RC/JU
Sample : Q1692-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

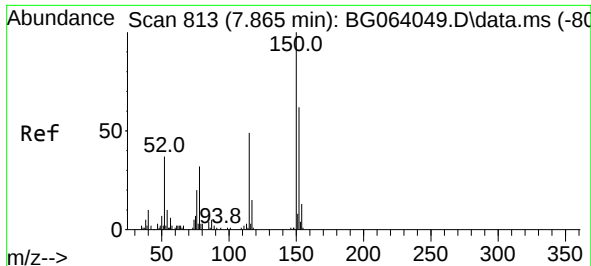
Instrument :
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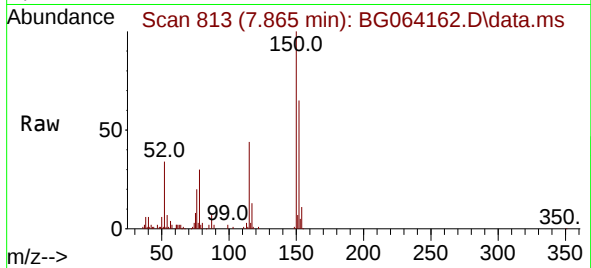
Quant Time: Apr 03 01:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG064162.D
Acq: 2 Apr 2025 21:04

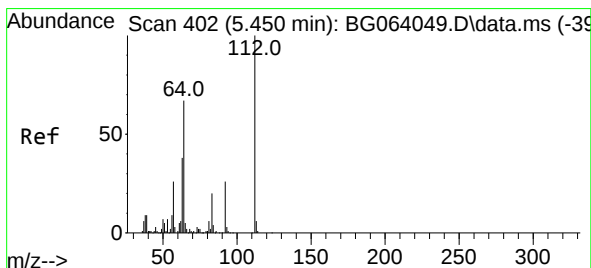
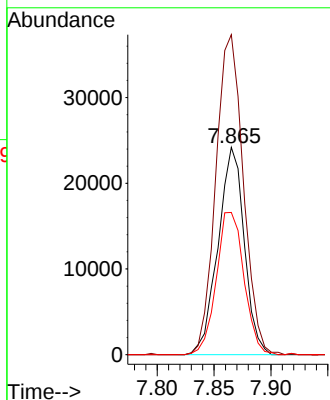
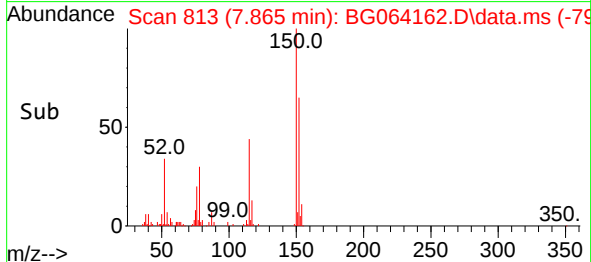
Instrument :
BNA_G
ClientSampleId :
NB-08-04012025



Tgt Ion:152 Resp: 38774
Ion Ratio Lower Upper
152 100
150 154.4 129.2 193.8
115 68.6 63.0 94.6

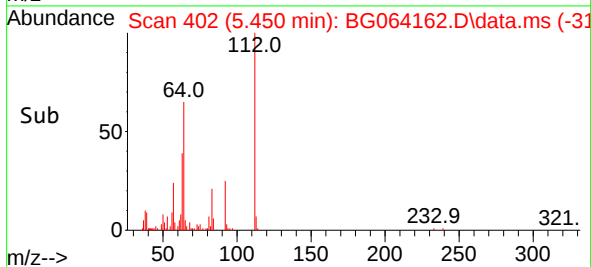
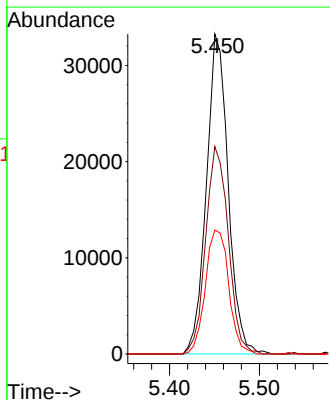
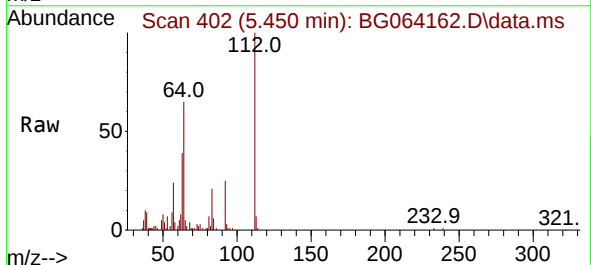
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#5
2-Fluorophenol
Concen: 22.603 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG064162.D
Acq: 2 Apr 2025 21:04

Tgt Ion:112 Resp: 56129
Ion Ratio Lower Upper
112 100
64 64.8 53.7 80.5
63 38.7 30.2 45.4





#7
Phenol-d6
Concen: 21.636 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064162.D
Acq: 2 Apr 2025 21:04

Instrument :

BNA_G

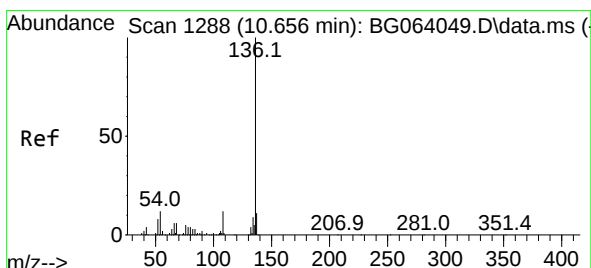
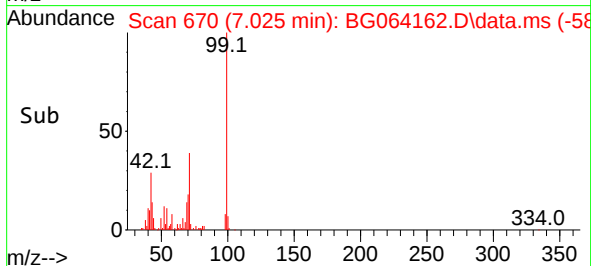
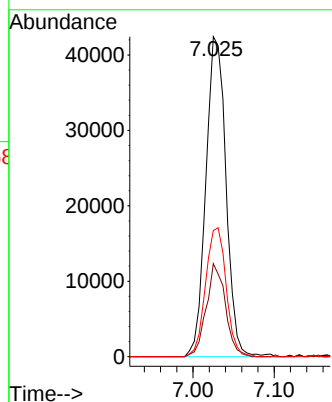
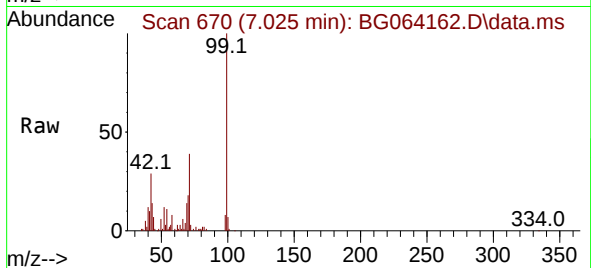
ClientSampleId :

NB-08-04012025

Tgt Ion: 99 Resp: 7309
Ion Ratio Lower Upper
99 100
42 29.0 22.7 34.1
71 39.4 30.6 46.0

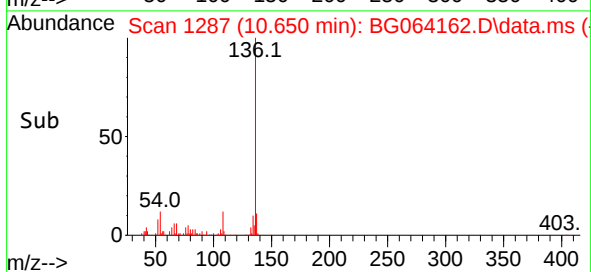
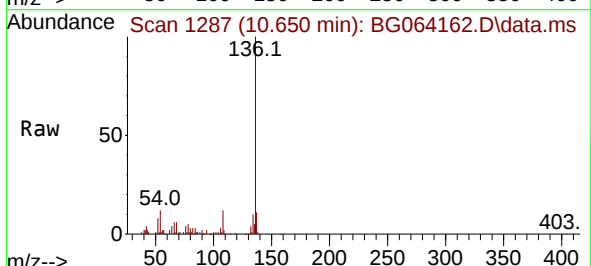
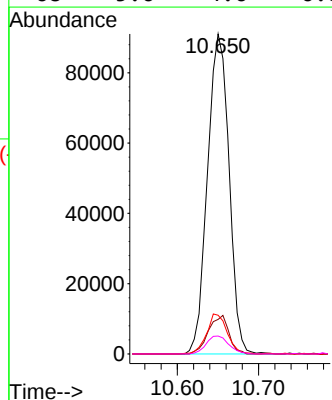
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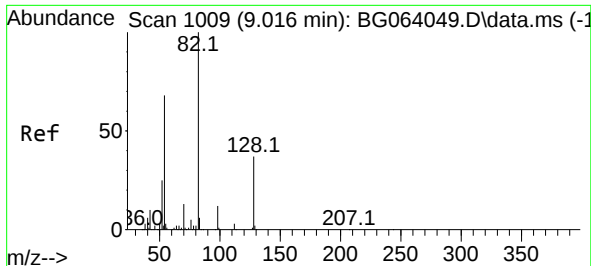
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BG064162.D
Acq: 2 Apr 2025 21:04

Tgt Ion:136 Resp: 167845
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 12.1 9.9 14.9
68 5.6 4.6 6.8





#23
Nitrobenzene-d5
Concen: 15.857 ng
RT: 9.011 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG064162.D
Acq: 2 Apr 2025 21:04

Instrument :

BNA_G

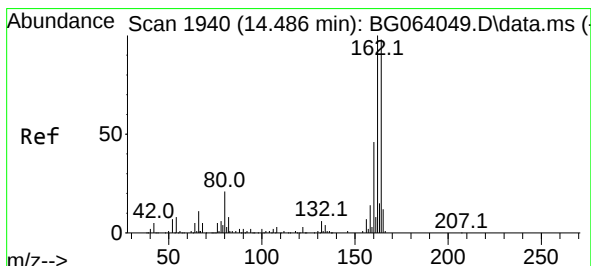
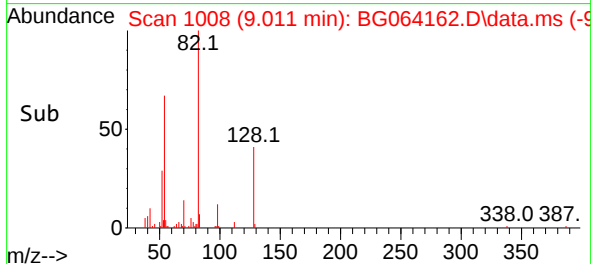
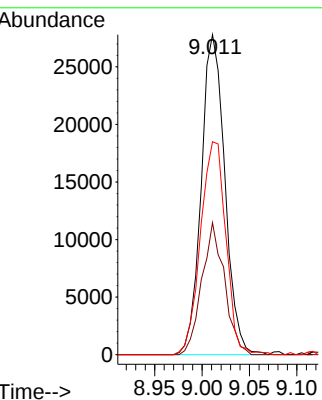
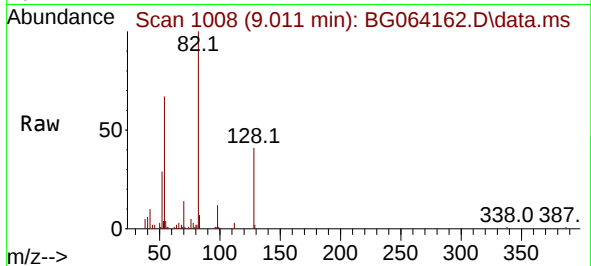
ClientSampleId :

NB-08-04012025

Tgt Ion: 82 Resp: 4816
Ion Ratio Lower Upper
82 100
128 41.3 30.0 45.0
54 66.5 54.7 82.1

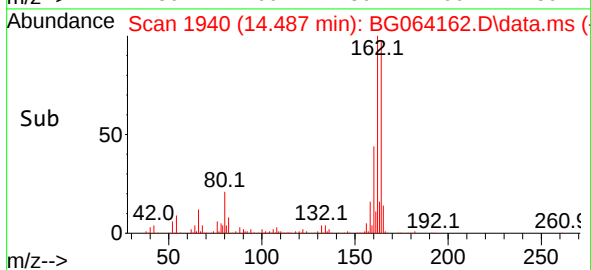
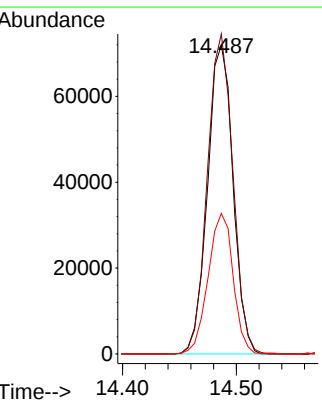
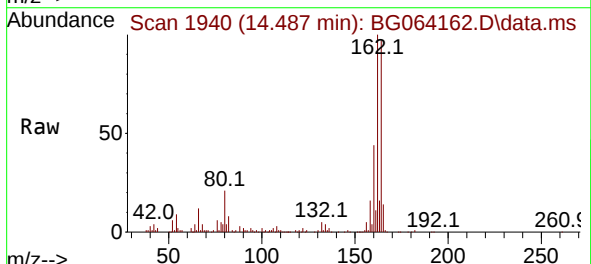
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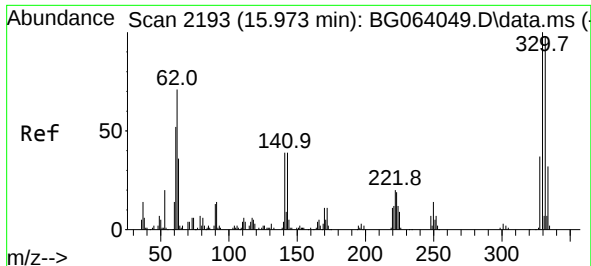
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG064162.D
Acq: 2 Apr 2025 21:04

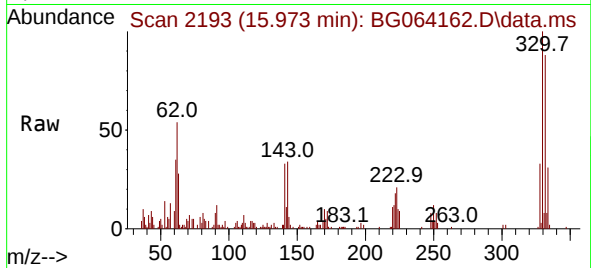
Tgt Ion:164 Resp: 112184
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 45.5 37.0 55.6





#42
2,4,6-Tribromophenol
Concen: 25.637 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BG064162.D
Acq: 2 Apr 2025 21:04

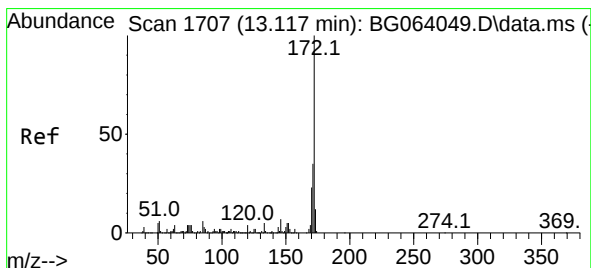
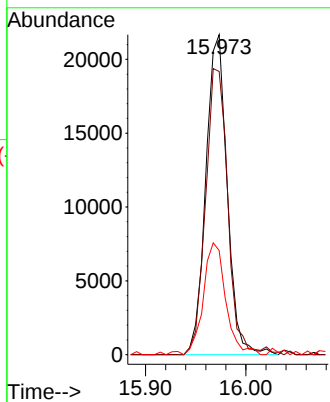
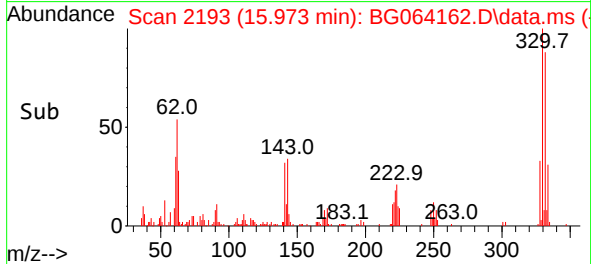
Instrument :
BNA_G
ClientSampleId :
NB-08-04012025



Tgt Ion:330 Resp: 31970
Ion Ratio Lower Upper
330 100
332 93.5 76.7 115.1
141 37.2 29.7 44.5

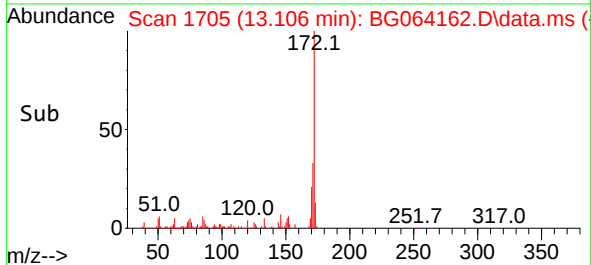
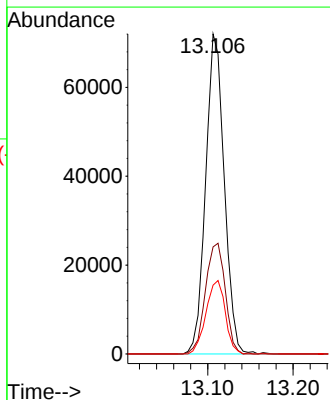
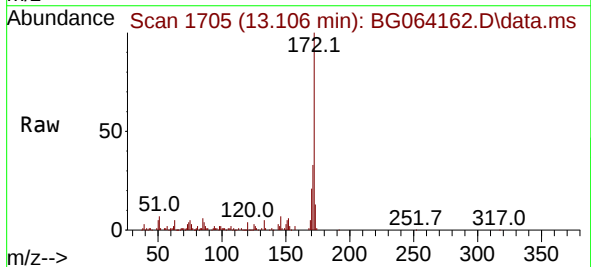
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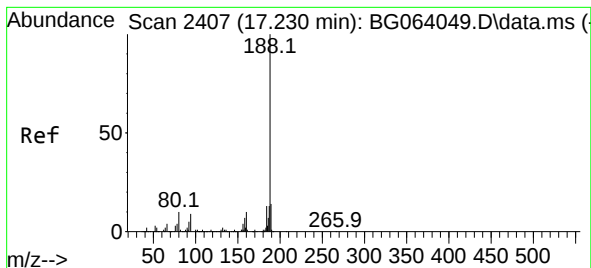
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#45
2-Fluorobiphenyl
Concen: 14.750 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064162.D
Acq: 2 Apr 2025 21:04

Tgt Ion:172 Resp: 109016
Ion Ratio Lower Upper
172 100
171 33.5 28.0 42.0
170 21.5 18.7 28.1





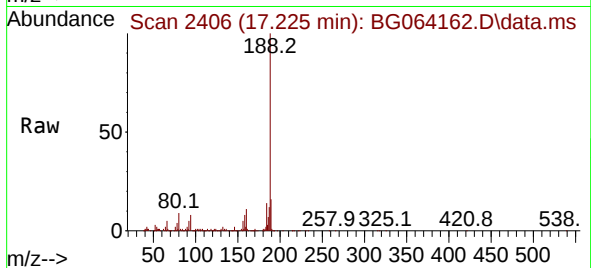
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG064162.D
Acq: 2 Apr 2025 21:04

Instrument :

BNA_G

ClientSampleId :

NB-08-04012025

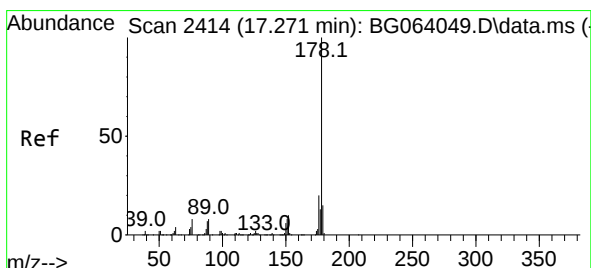
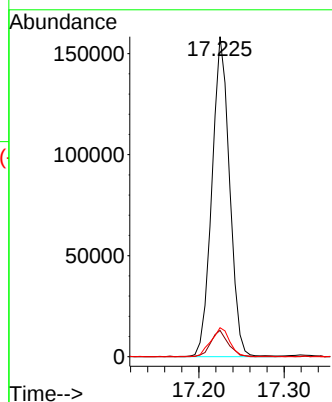
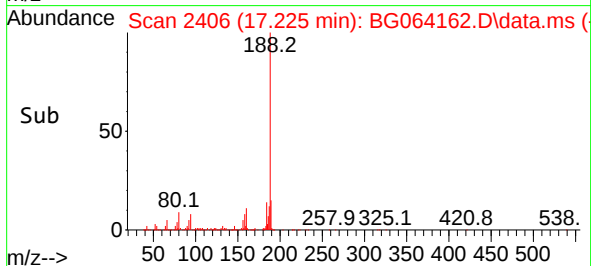


Tgt Ion:188 Resp: 22842
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.1 8.1 12.1

Manual Integrations

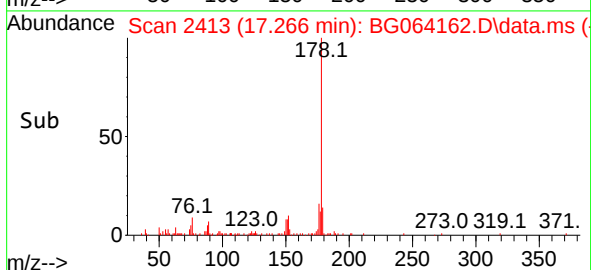
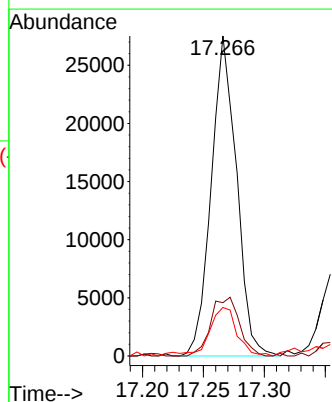
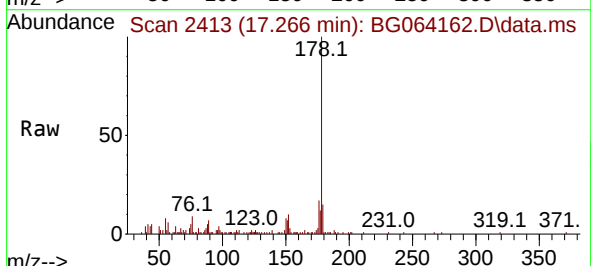
APPROVED

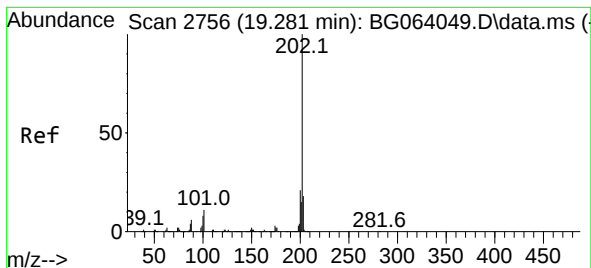
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#71
Phenanthrene
Concen: 3.262 ng
RT: 17.266 min Scan# 2413
Delta R.T. -0.005 min
Lab File: BG064162.D
Acq: 2 Apr 2025 21:04

Tgt Ion:178 Resp: 39743
Ion Ratio Lower Upper
178 100
176 16.7 15.9 23.9
179 15.2 12.2 18.2





#75

Fluoranthene

Concen: 3.164 ng

RT: 19.275 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064162.D

Acq: 2 Apr 2025 21:04

Instrument :

BNA_G

ClientSampleId :

NB-08-04012025

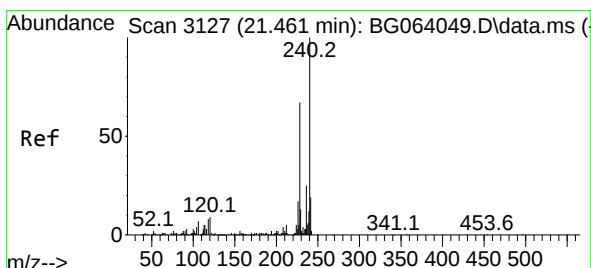
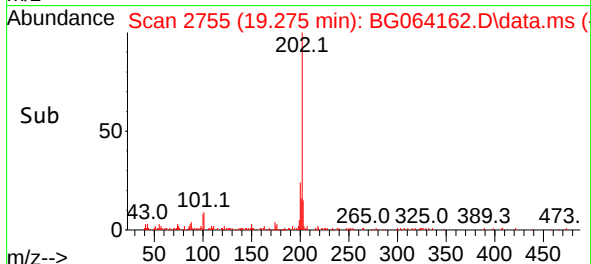
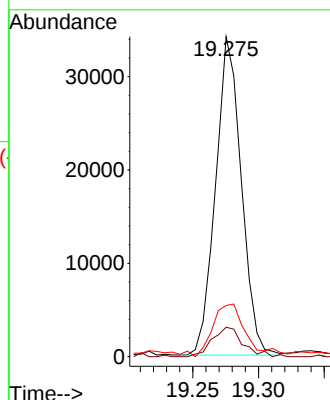
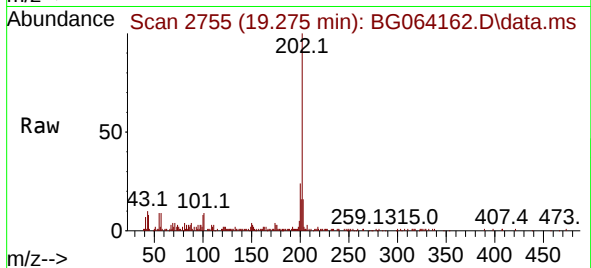
Tgt Ion:202	Resp:	46480
Ion Ratio	Lower	Upper
202	100	
101	9.2	0.0 30.5
203	16.0	0.0 38.3

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

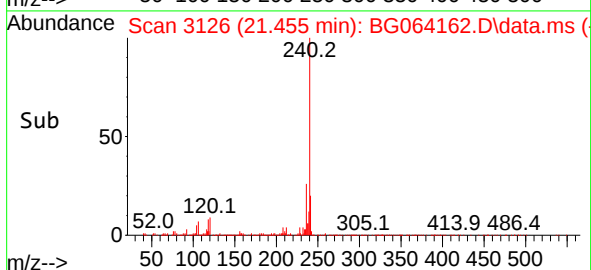
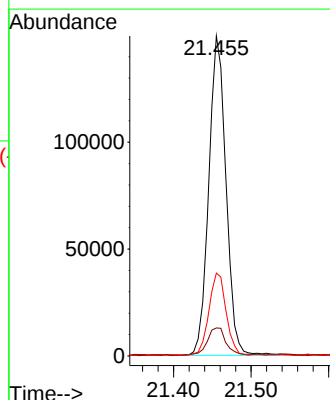
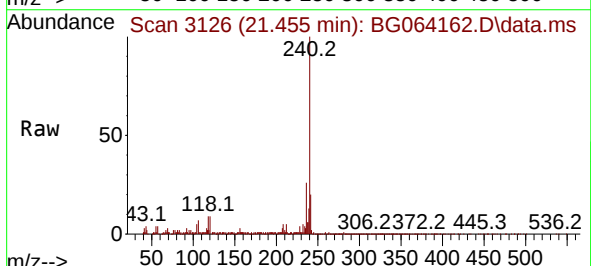
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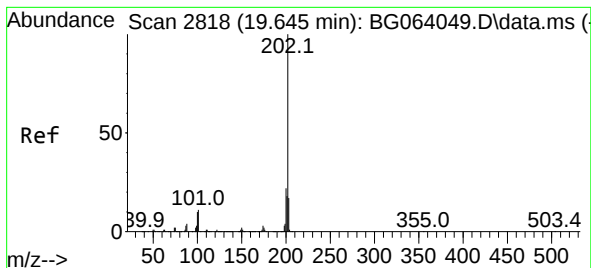
Delta R.T. -0.005 min

Lab File: BG064162.D

Acq: 2 Apr 2025 21:04

Tgt Ion:240	Resp:	231151
Ion Ratio	Lower	Upper
240	100	
120	8.7	7.2 10.8
236	25.9	20.2 30.2





#78

Pyrene

Concen: 4.363 ng m

RT: 19.640 min Scan# 2818

Delta R.T. -0.005 min

Lab File: BG064162.D

Acq: 2 Apr 2025 21:04

Instrument :

BNA_G

ClientSampleId :

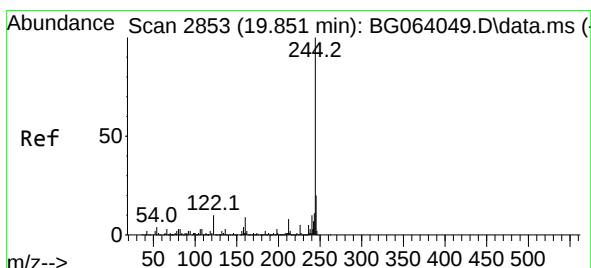
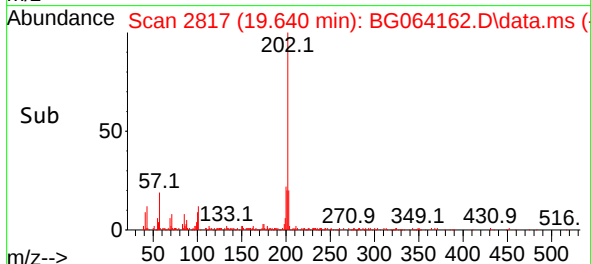
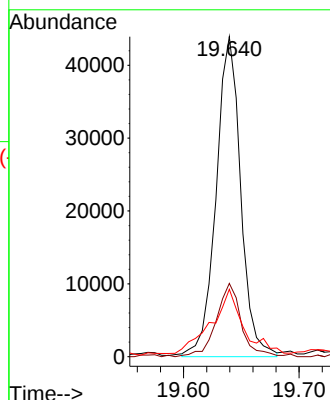
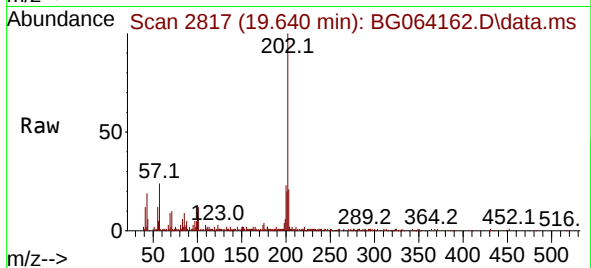
NB-08-04012025

Tgt Ion:	202	Resp:	65010
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.3	25.9
203	21.0	13.6	20.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/03/2025



#79

Terphenyl-d14

Concen: 14.702 ng

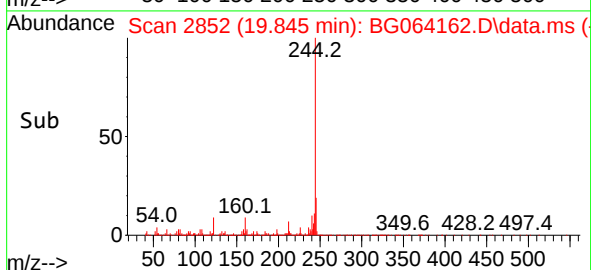
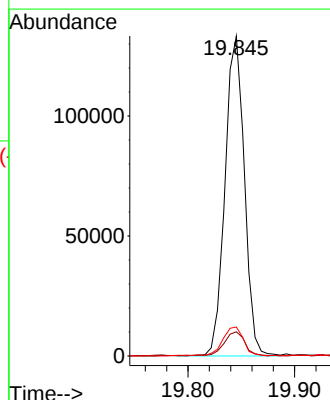
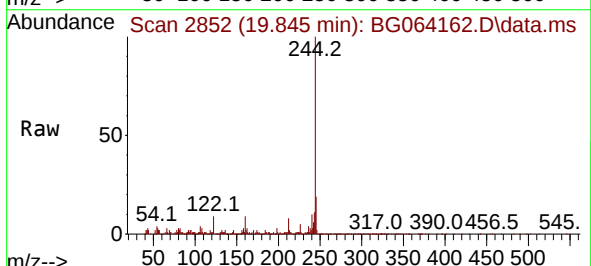
RT: 19.845 min Scan# 2852

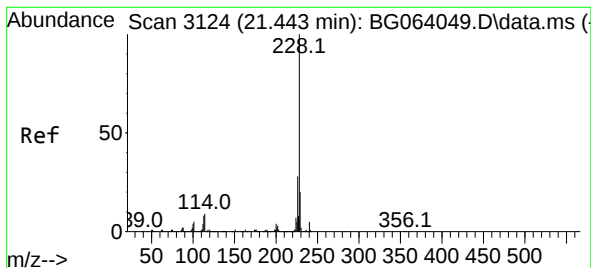
Delta R.T. -0.005 min

Lab File: BG064162.D

Acq: 2 Apr 2025 21:04

Tgt Ion:	244	Resp:	168067
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.4
122	9.0	8.0	12.0





#81

Benzo(a)anthracene

Concen: 2.085 ng m

RT: 21.438 min Scan# 3124

Delta R.T. -0.005 min

Lab File: BG064162.D

Acq: 2 Apr 2025 21:04

Instrument :

BNA_G

ClientSampleId :

NB-08-04012025

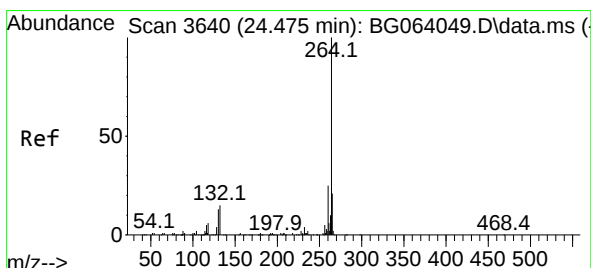
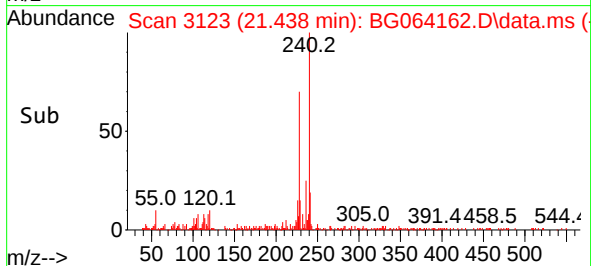
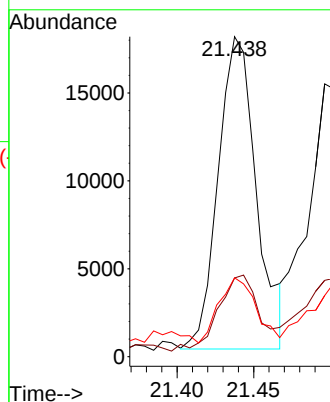
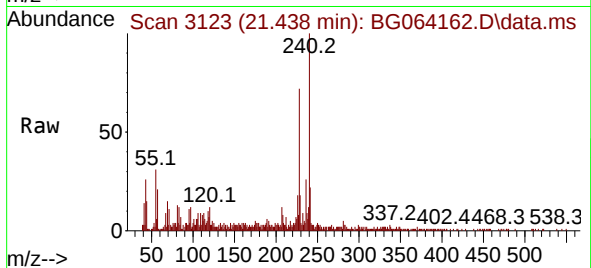
Tgt Ion:	228	Resp:	30870
Ion Ratio	Lower	Upper	
228	100		
226	24.6	22.2	33.2
229	24.6	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#86

Perylene-d12

Concen: 20.000 ng

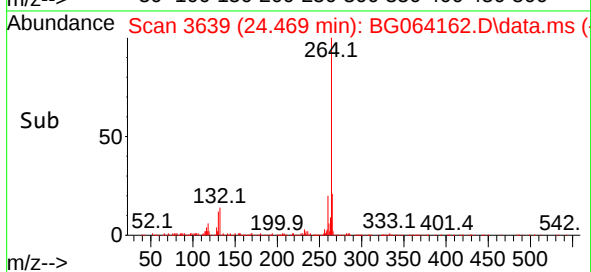
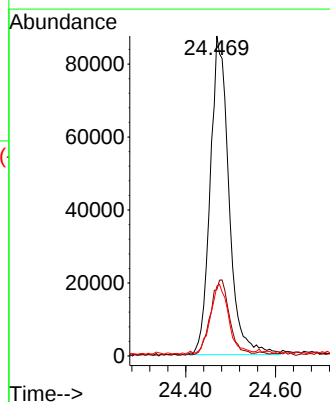
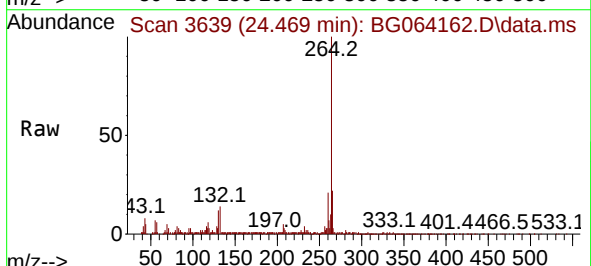
RT: 24.469 min Scan# 3639

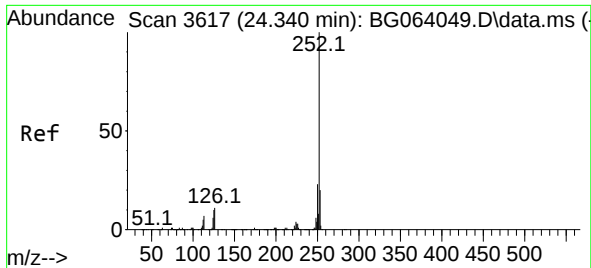
Delta R.T. -0.005 min

Lab File: BG064162.D

Acq: 2 Apr 2025 21:04

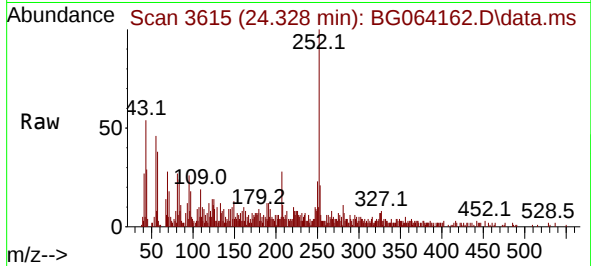
Tgt Ion:	264	Resp:	253226
Ion Ratio	Lower	Upper	
264	100		
260	20.7	19.6	29.4
265	21.9	16.6	25.0





#90
 Benzo(a)pyrene
 Concen: 2.152 ng
 RT: 24.328 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG064162.D
 Acq: 2 Apr 2025 21:04

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-04012025



Tgt Ion:	252	Resp:	2934
Ion Ratio	Lower	Upper	
252	100		
253	21.5	16.2	24.2
125	14.4	7.8	11.6

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

