

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026218.D
 Acq On : 02 Dec 2025 22:02
 Operator : RC/JU
 Sample : Q3742-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

Quant Time: Dec 03 00:24:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	224192	20.000	ng	-0.02
21) Naphthalene-d8	10.419	136	1037378	20.000	ng	-0.03
39) Acenaphthene-d10	14.284	164	805416	20.000	ng	-0.04
64) Phenanthrene-d10	17.078	188	1835998	20.000	ng	-0.05
76) Chrysene-d12	21.542	240	1837075	20.000	ng	-0.03
86) Perylene-d12	24.836	264	1727619	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	956606	68.487	ng	0.00
7) Phenol-d6	6.837	99	1267464	71.279	ng	-0.02
23) Nitrobenzene-d5	8.796	82	745888	40.842	ng	-0.02
42) 2,4,6-Tribromophenol	15.795	330	791171	75.723	ng	-0.04
45) 2-Fluorobiphenyl	12.895	172	2266771	41.248	ng	-0.04
79) Terphenyl-d14	19.830	244	4534879	50.335	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.813	77	34375	3.689	ng	98
31) Naphthalene	10.472	128	245688	4.382	ng	99
32) Benzoic acid	9.660	122	29321m	2.066	ng	
37) 2-Methylnaphthalene	12.084	142	282961	7.119	ng	99
38) 1-Methylnaphthalene	12.301	142	255307	6.572	ng	98
55) Dibenzofuran	14.684	168	150041	2.101	ng	# 96
71) Phenanthrene	17.125	178	442271	4.276	ng	99
74) Di-n-butylphthalate	18.107	149	5349787	45.039	ng	99

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

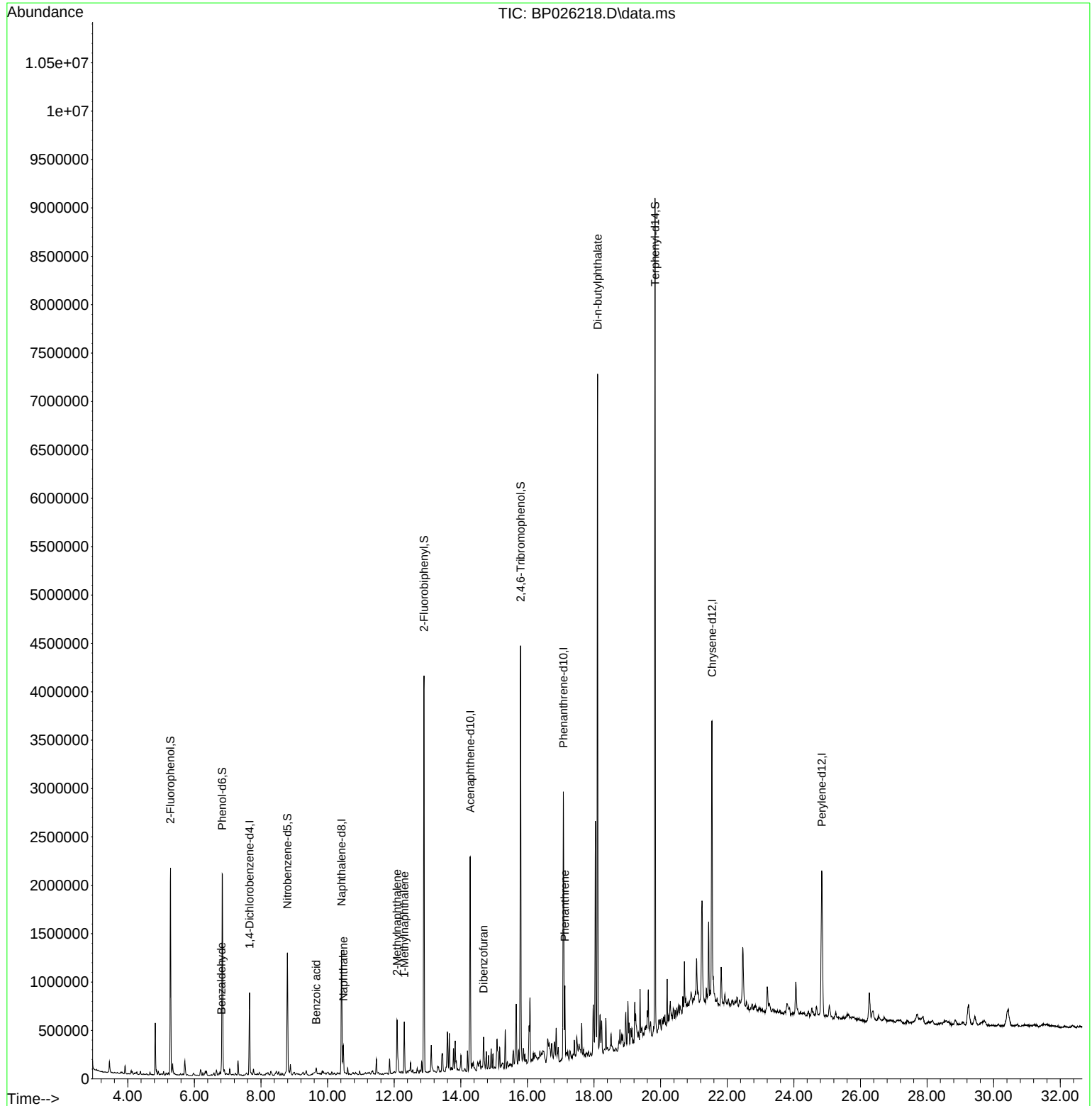
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026218.D
Acq On : 02 Dec 2025 22:02
Operator : RC/JU
Sample : Q3742-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

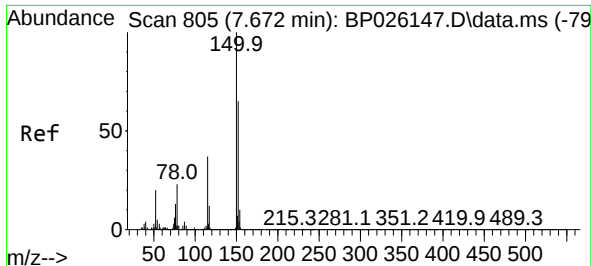
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ClientSampleId :
SB-1125-9

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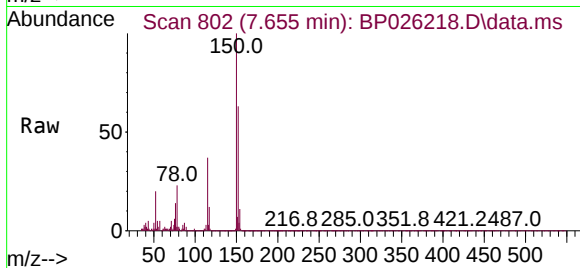
Quant Time: Dec 03 00:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

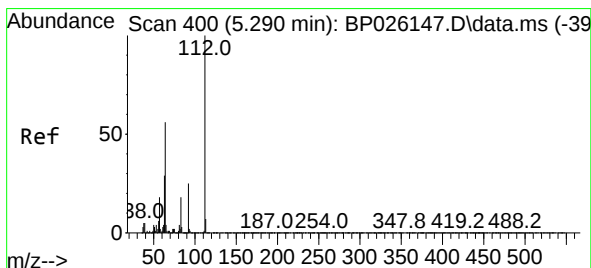
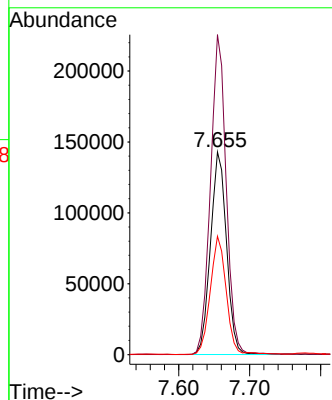
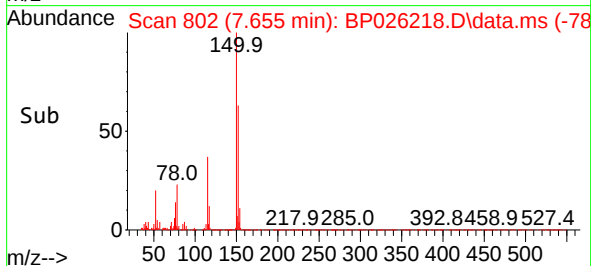
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



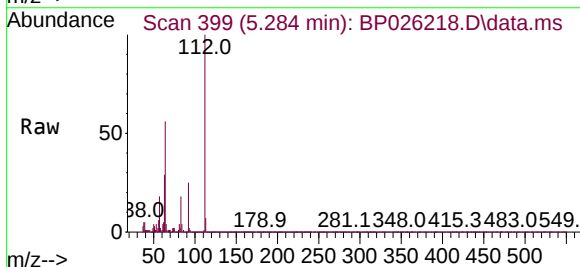
Tgt Ion:152 Resp: 224192
Ion Ratio Lower Upper
152 100
150 157.9 123.0 184.6
115 58.4 46.3 69.5

Manual Integrations
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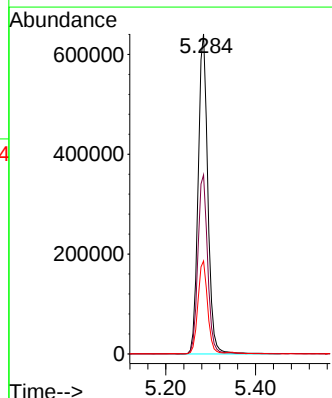
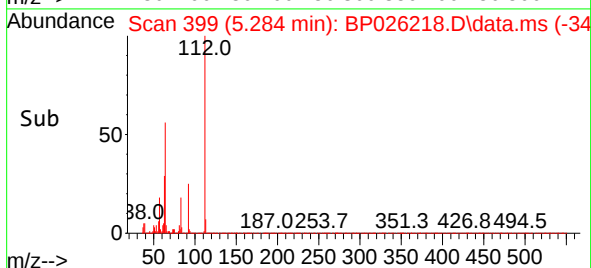
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

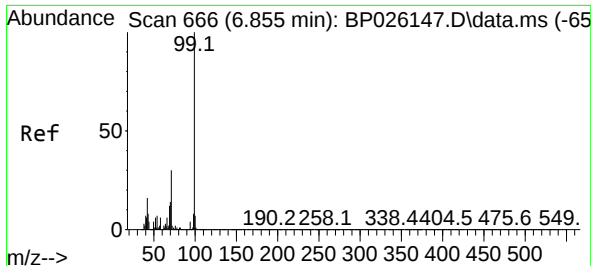


#5
2-Fluorophenol
Concen: 68.487 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02



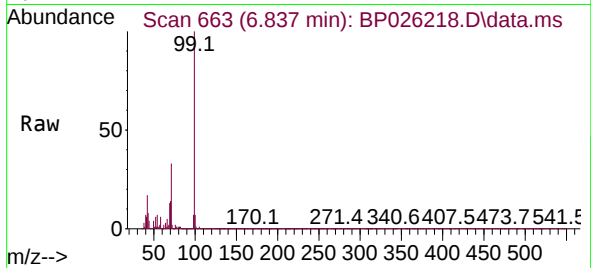
Tgt Ion:112 Resp: 956606
Ion Ratio Lower Upper
112 100
64 55.9 45.8 68.6
63 29.0 23.5 35.3





#7
Phenol-d6
Concen: 71.279 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

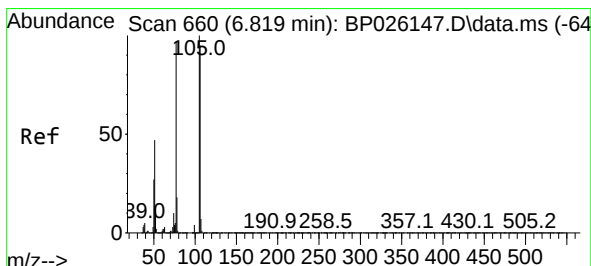
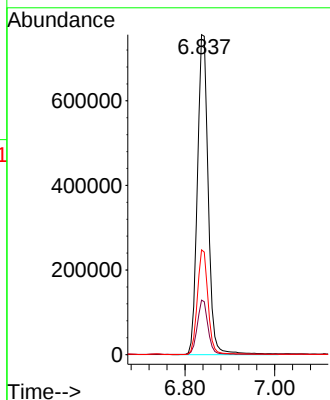
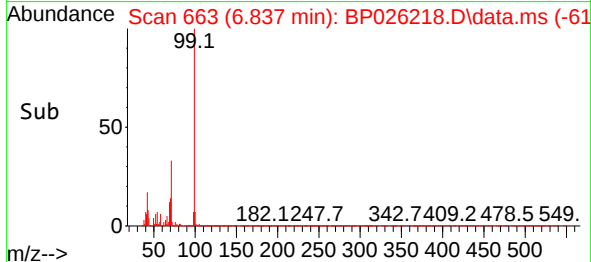
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion: 99 Resp: 1267464
Ion Ratio Lower Upper
99 100
42 17.0 12.9 19.3
71 32.7 24.8 37.2

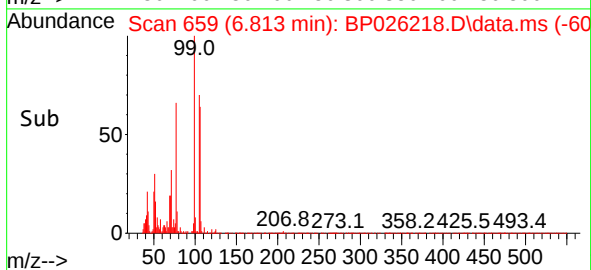
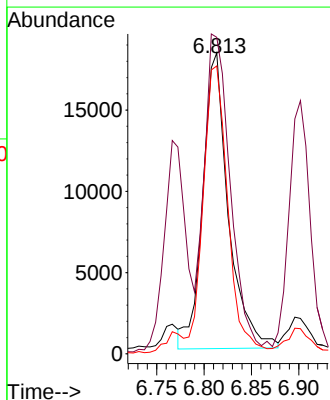
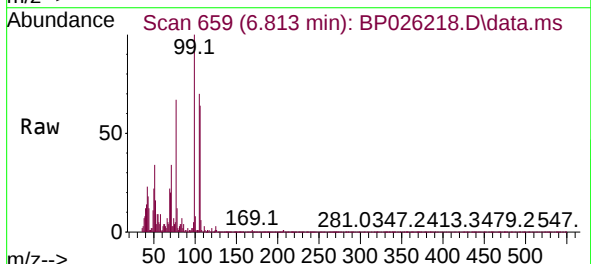
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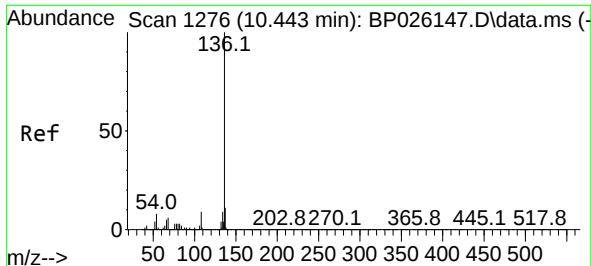
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#9
Benzaldehyde
Concen: 3.689 ng
RT: 6.813 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

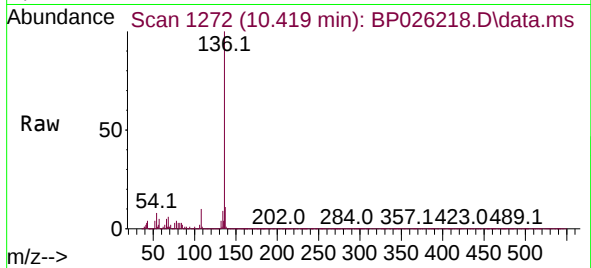
Tgt Ion: 77 Resp: 34375
Ion Ratio Lower Upper
77 100
105 105.1 82.9 122.9
106 95.6 77.8 117.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1276
Delta R.T. -0.029 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

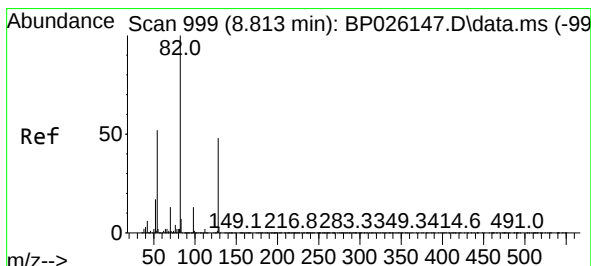
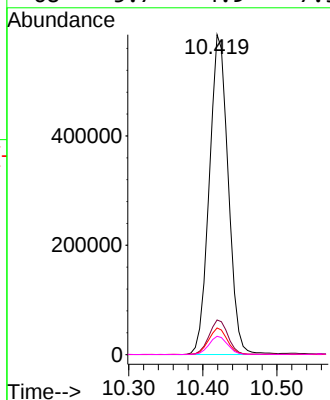
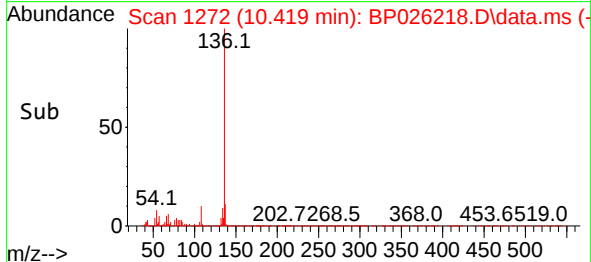
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion: 136 Resp: 1037378
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.3 6.4 9.6
68 5.7 4.9 7.3

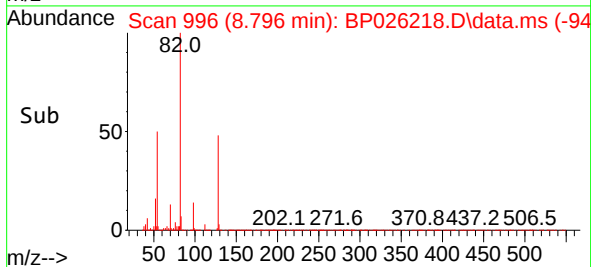
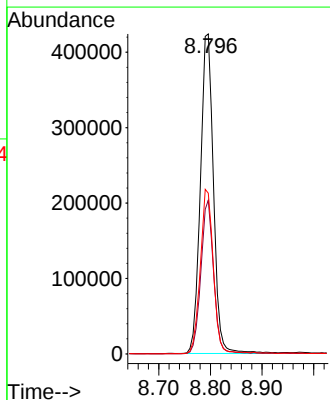
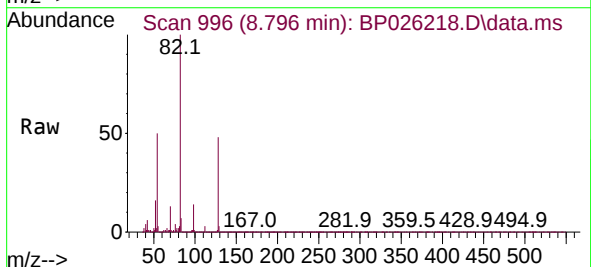
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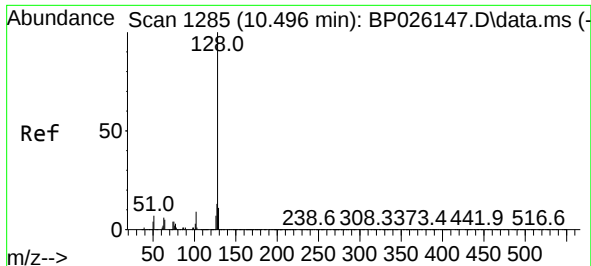
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#23
Nitrobenzene-d5
Concen: 40.842 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.018 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

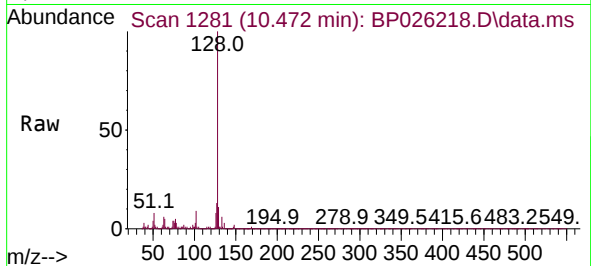
Tgt Ion: 82 Resp: 745888
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.0
54 50.2 41.6 62.4





#31
Naphthalene
Concen: 4.382 ng
RT: 10.472 min Scan# 1143
Delta R.T. -0.023 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

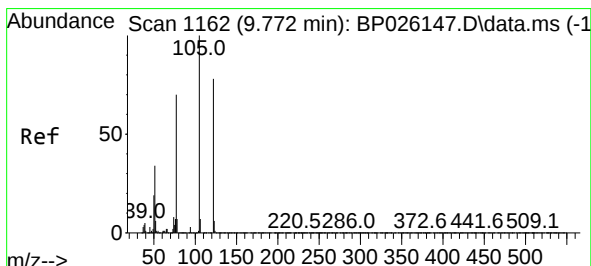
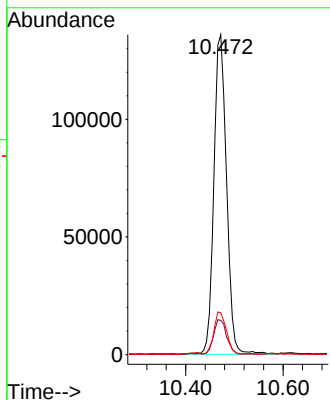
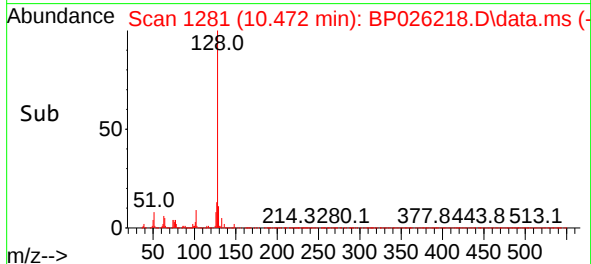
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion:128 Resp: 245688
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.1 10.2 15.4

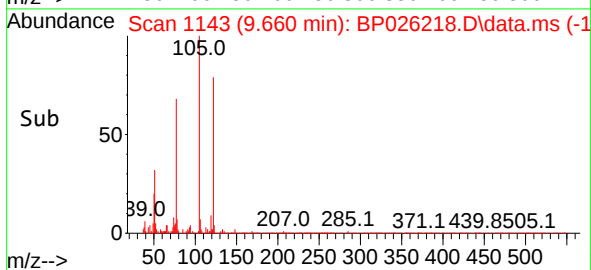
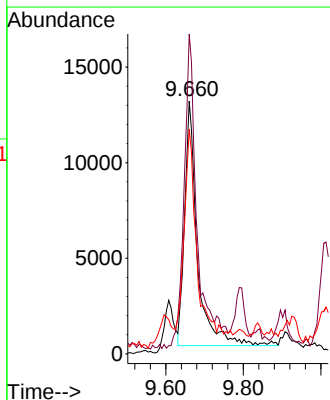
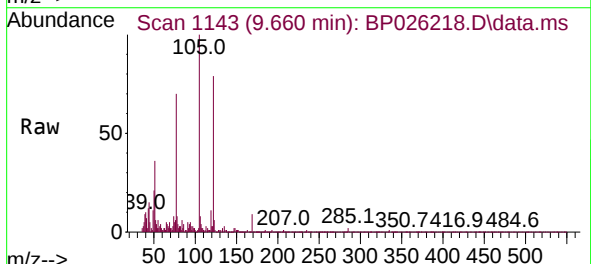
Manual Integrations
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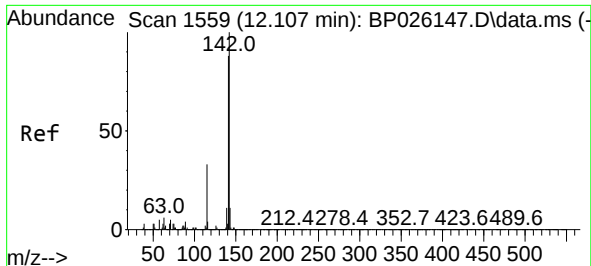
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#32
Benzoic acid
Concen: 2.066 ng m
RT: 9.660 min Scan# 1143
Delta R.T. -0.106 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

Tgt Ion:122 Resp: 29321
Ion Ratio Lower Upper
122 100
105 126.5 100.1 140.1
77 88.9 66.7 106.7





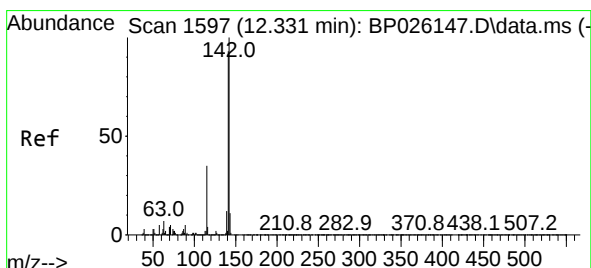
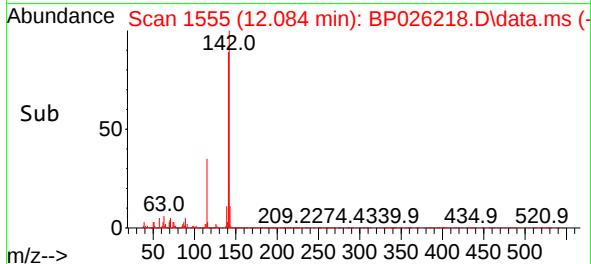
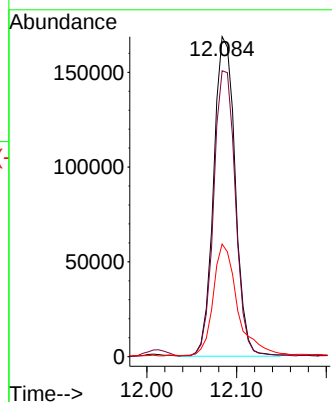
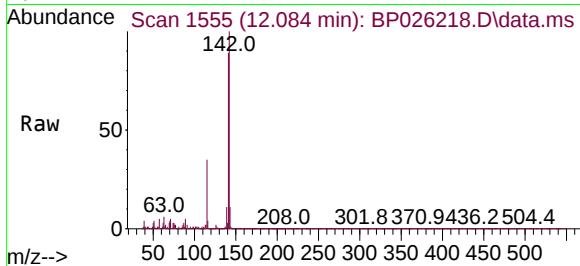
#37
2-Methylnaphthalene
Concen: 7.119 ng
RT: 12.084 min Scan# 1555
Delta R.T. -0.029 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

Instrument :
BNA_P
ClientSampleId :
SB-1125-9

Tgt Ion:142 Resp: 282961
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 35.2 26.6 39.8

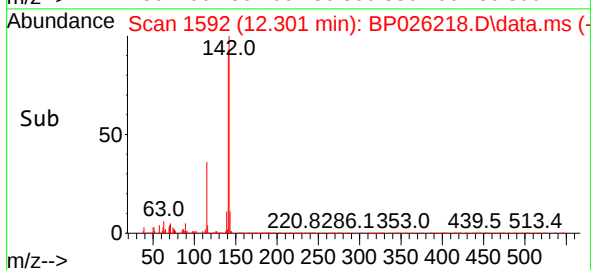
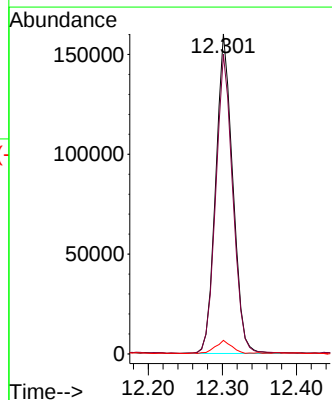
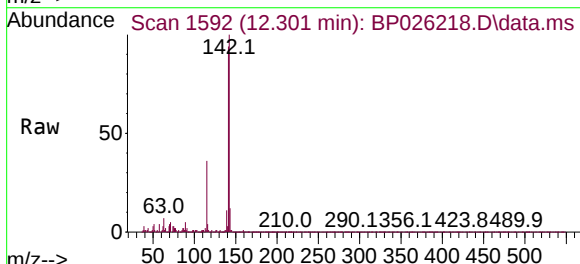
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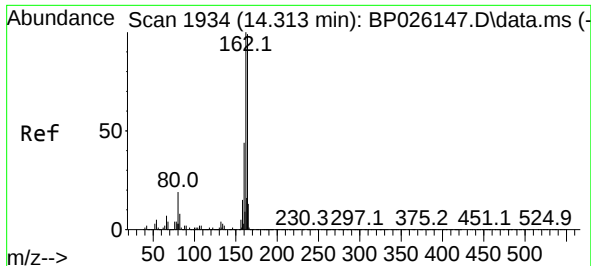
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#38
1-Methylnaphthalene
Concen: 6.572 ng
RT: 12.301 min Scan# 1592
Delta R.T. -0.029 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

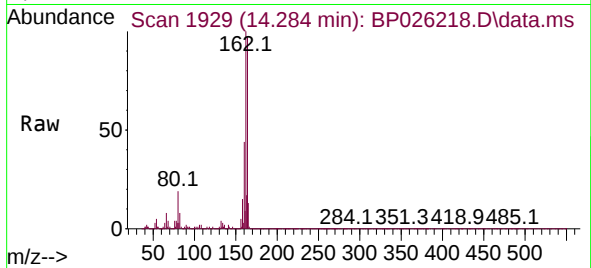
Tgt Ion:142 Resp: 255307
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3
116 4.2 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1934
Delta R.T. -0.041 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

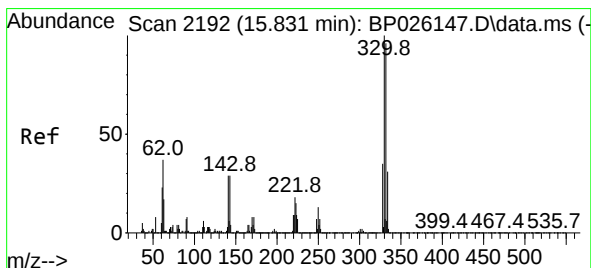
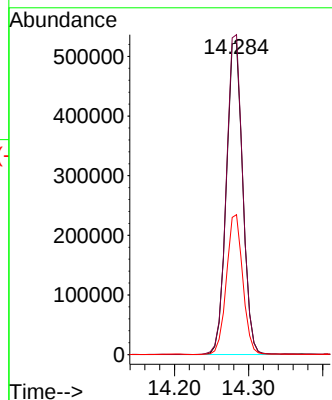
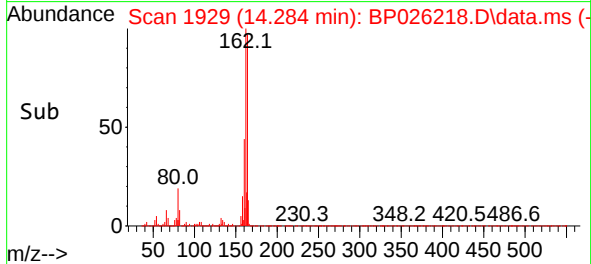
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion:164 Resp: 805416
Ion Ratio Lower Upper
164 100
162 102.8 80.3 120.5
160 44.9 35.2 52.8

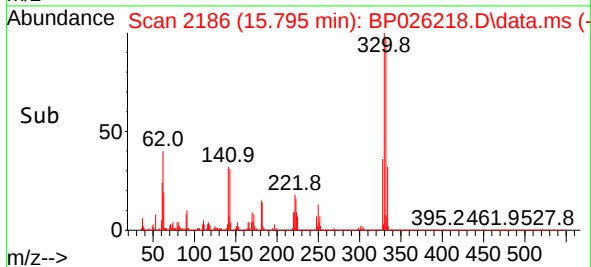
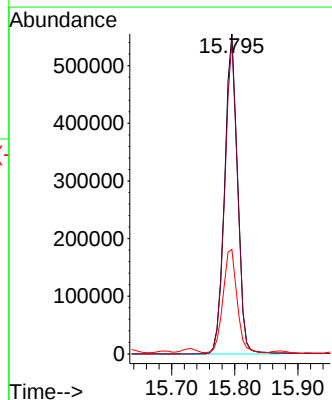
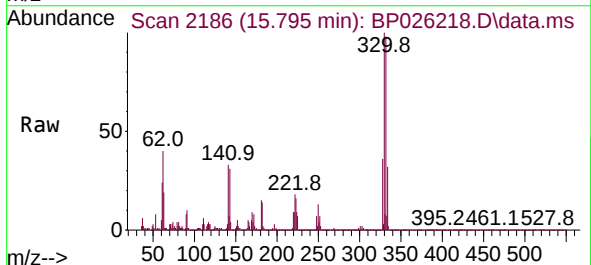
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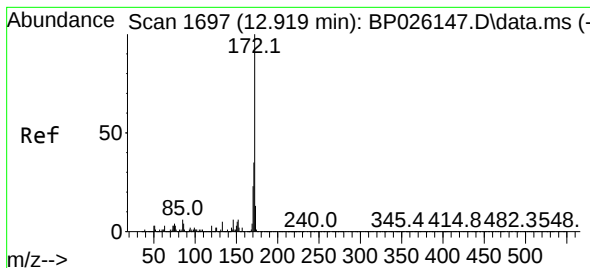
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#42
2,4,6-Tribromophenol
Concen: 75.723 ng
RT: 15.795 min Scan# 2186
Delta R.T. -0.041 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

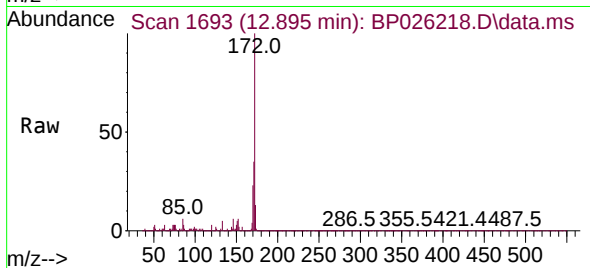
Tgt Ion:330 Resp: 791171
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 35.0 26.8 40.2





#45
2-Fluorobiphenyl
Concen: 41.248 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.035 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

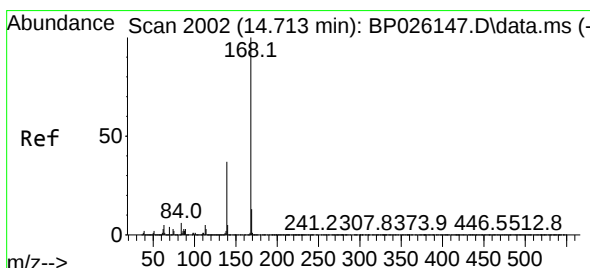
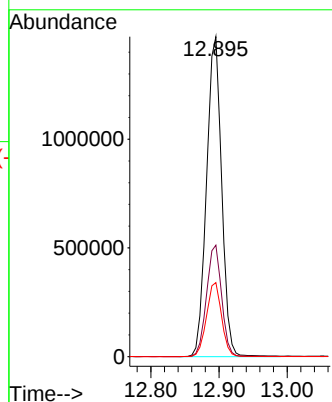
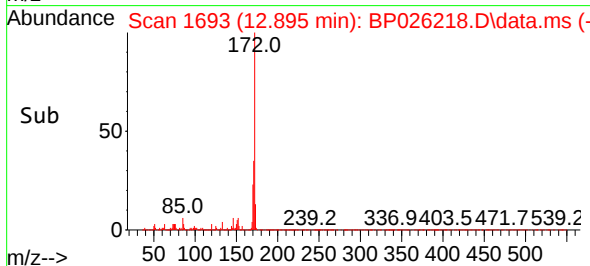
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



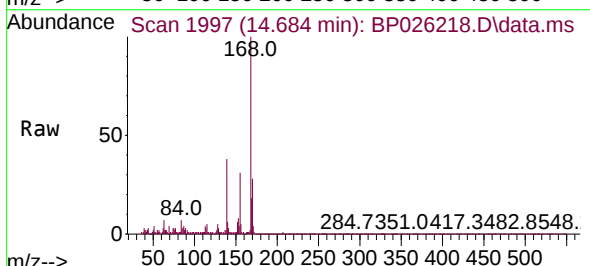
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Ion Ratio Lower Upper
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171 34.8 28.2 42.4
170 23.1 18.7 28.1

Manual Integrations
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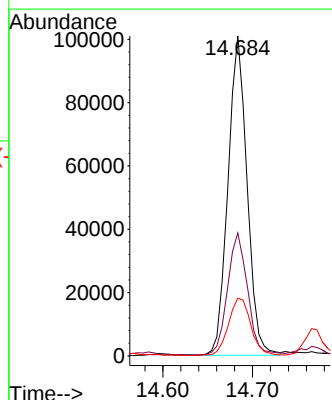
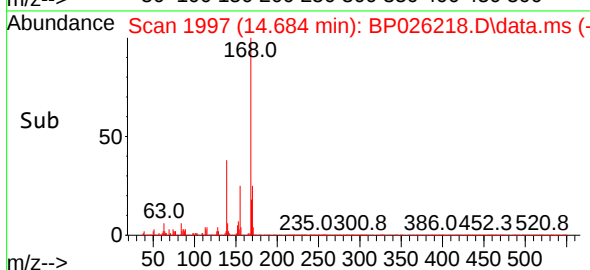
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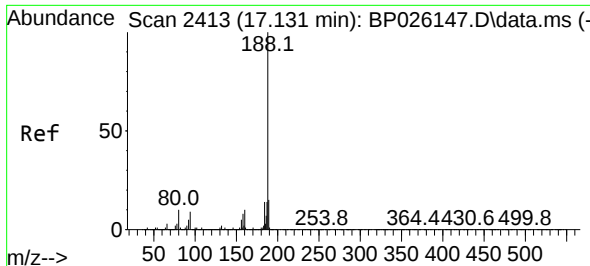


#55
Dibenzofuran
Concen: 2.101 ng
RT: 14.684 min Scan# 1997
Delta R.T. -0.041 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02



Tgt Ion:168 Resp: 150041
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 18.0 10.9 16.3





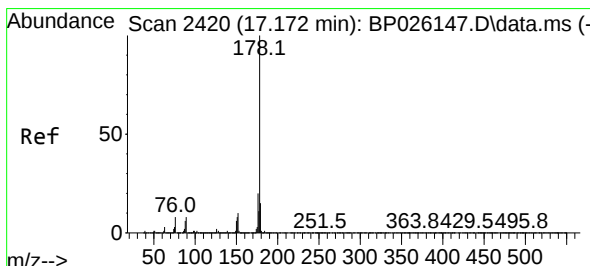
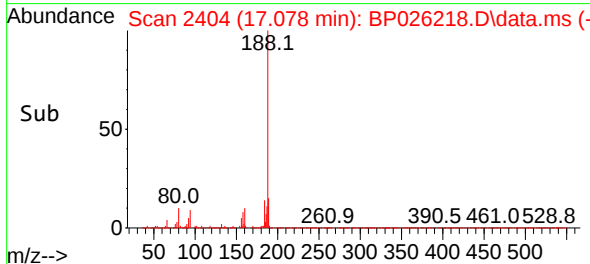
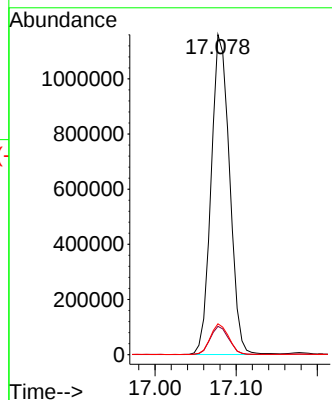
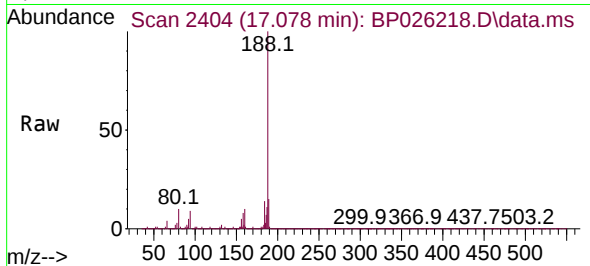
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.078 min Scan# 2412
Delta R.T. -0.053 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

Instrument :
BNA_P
ClientSampleId :
SB-1125-9

Tgt Ion:188 Resp: 1835998
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.6 8.2 12.2

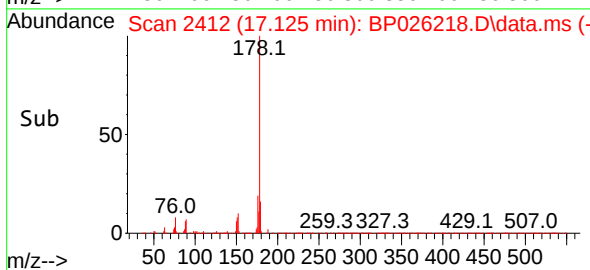
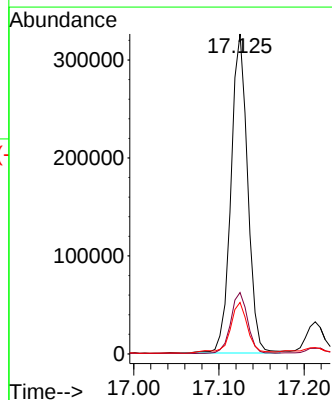
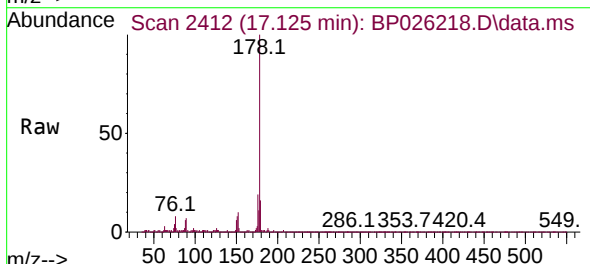
Manual Integrations
APPROVED

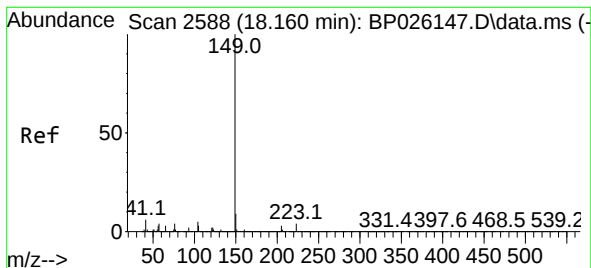
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#71
Phenanthrene
Concen: 4.276 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.053 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

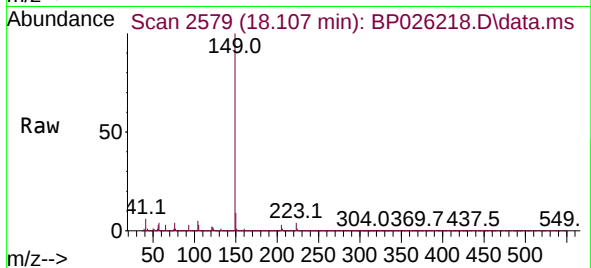
Tgt Ion:178 Resp: 442271
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.1 12.4 18.6





#74
Di-n-butylphthalate
Concen: 45.039 ng
RT: 18.107 min Scan# 21
Delta R.T. -0.053 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

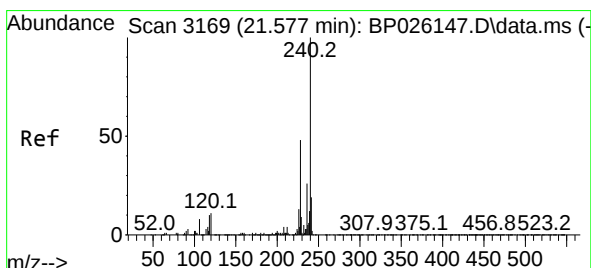
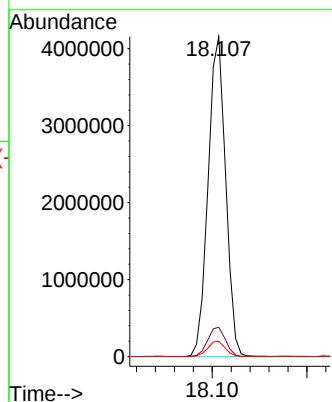
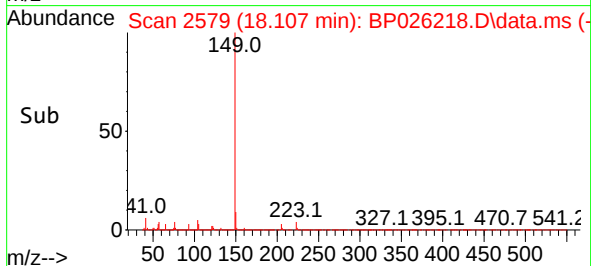
Instrument :
BNA_P
ClientSampleId :
SB-1125-9



Tgt Ion:149 Resp: 534978
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.8 3.6 5.4

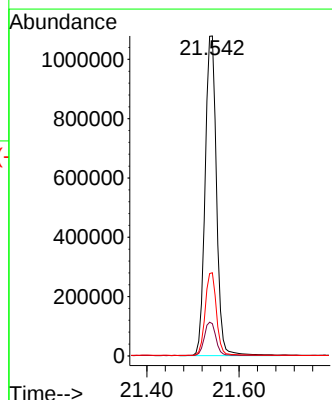
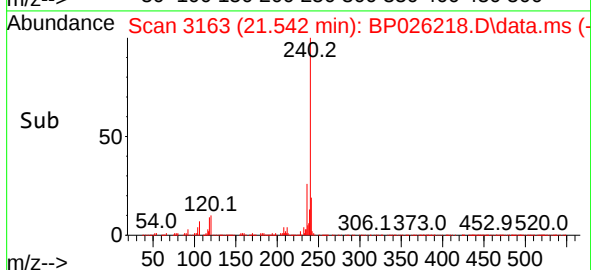
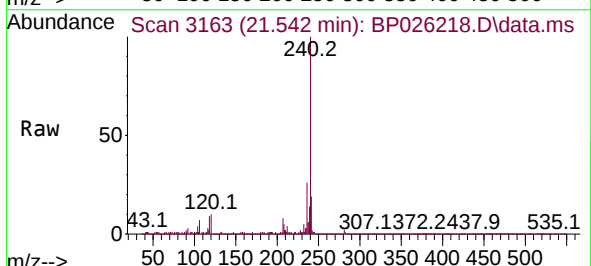
Manual Integrations
APPROVED

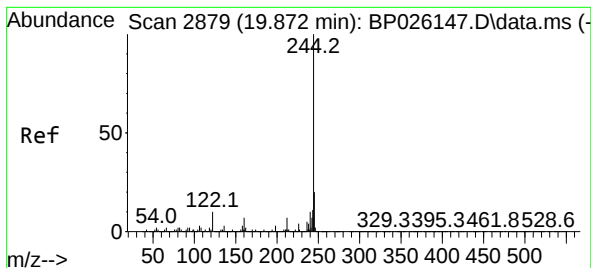
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.029 min
Lab File: BP026218.D
Acq: 02 Dec 2025 22:02

Tgt Ion:240 Resp: 1837075
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 50.335 ng

RT: 19.830 min Scan# 2879

Delta R.T. -0.041 min

Lab File: BP026218.D

Acq: 02 Dec 2025 22:02

Instrument :

BNA_P

ClientSampleId :

SB-1125-9

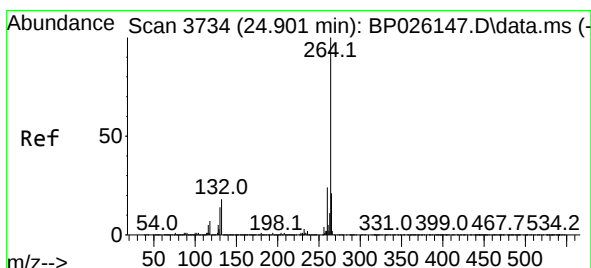
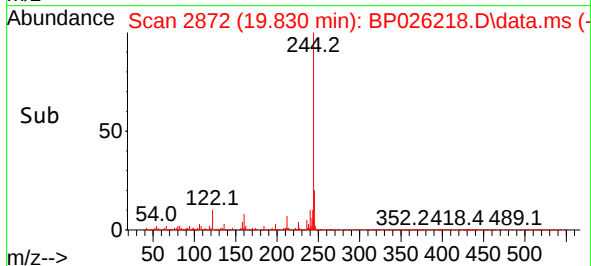
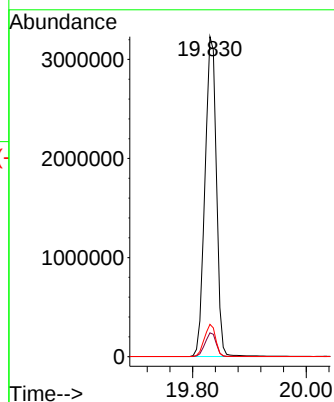
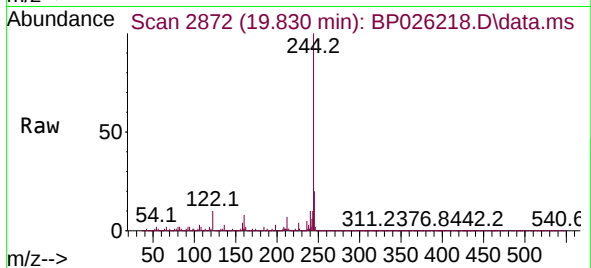
Tgt Ion:244 Resp: 4534879

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.1	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.070 min

Lab File: BP026218.D

Acq: 02 Dec 2025 22:02

Tgt Ion:264 Resp: 1727619

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.1	17.5	26.3

