

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026095.D
 Acq On : 11 Nov 2025 18:14
 Operator : RC/JU
 Sample : Q3569-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/12/2025
 Supervised By :Jagrut Upadhyay 11/12/2025

Quant Time: Nov 12 01:46:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	269143	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1072142	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	697904	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1534727	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1828450	20.000	ng	0.02
86) Perylene-d12	24.913	264	2040425	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1277275	78.309	ng	0.00
7) Phenol-d6	6.849	99	1097518	52.866	ng	0.00
23) Nitrobenzene-d5	8.813	82	1631315	94.853	ng	-0.01
42) 2,4,6-Tribromophenol	15.842	330	1375825	182.349	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	4004795	82.455	ng	0.00
79) Terphenyl-d14	19.872	244	7233493	80.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	207617	30.194	ng	98
84) Bis(2-ethylhexyl)phtha...	21.525	149	26364m	2.936	ng	

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

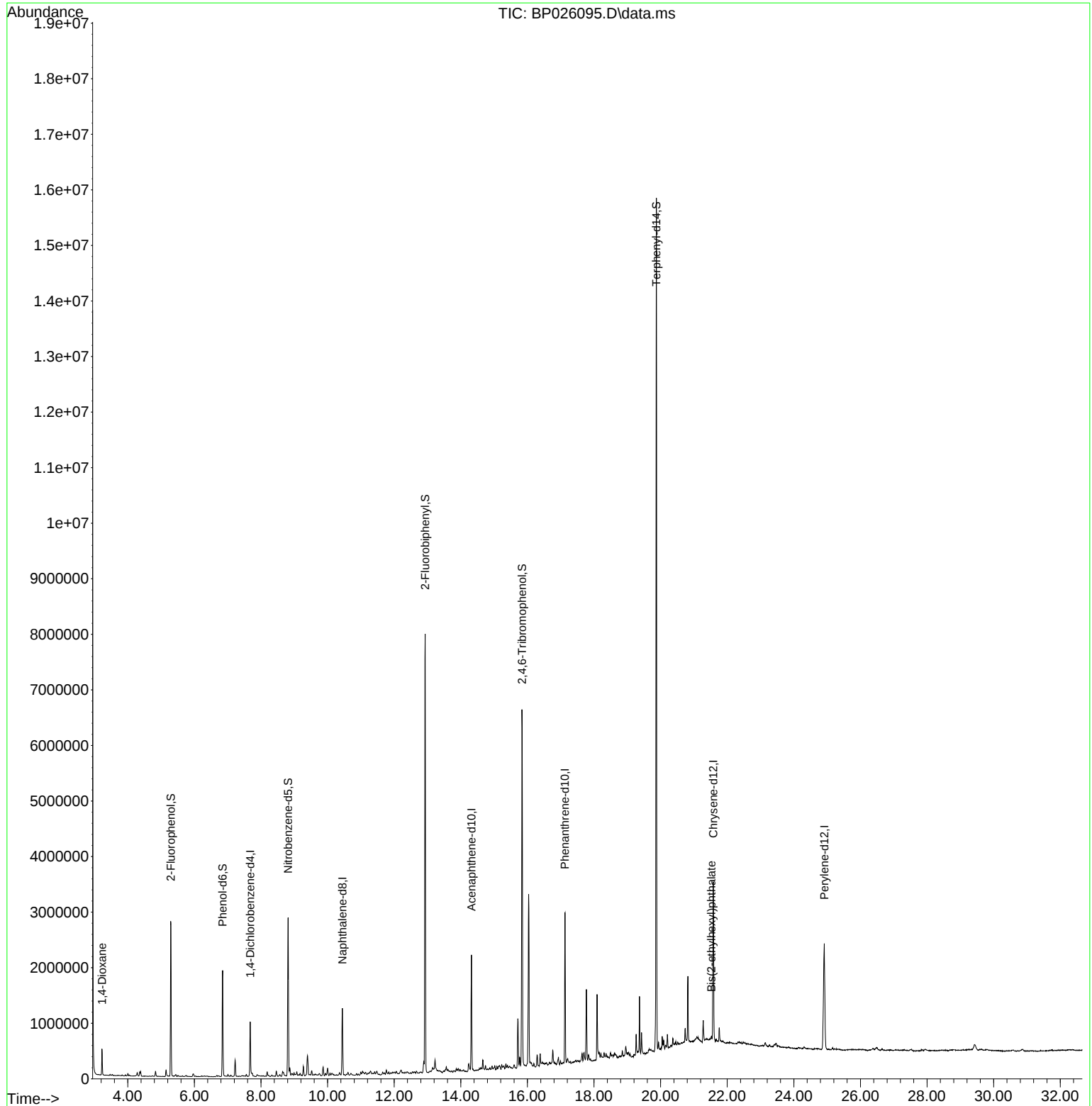
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026095.D
Acq On : 11 Nov 2025 18:14
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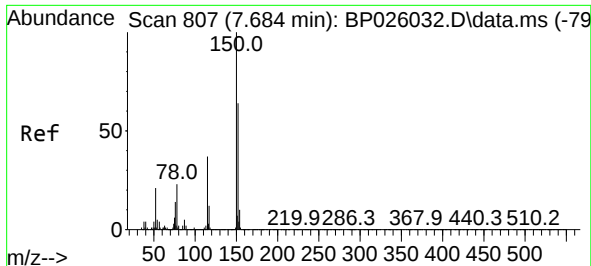
Instrument :
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Quant Time: Nov 12 01:46:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
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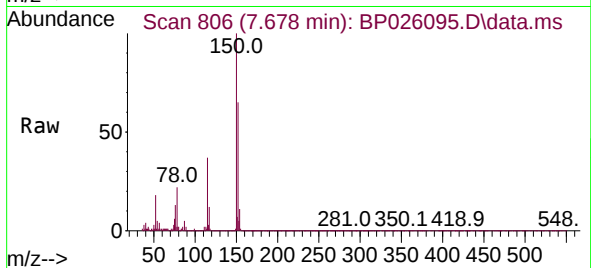
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026095.D
 Acq: 11 Nov 2025 18:14

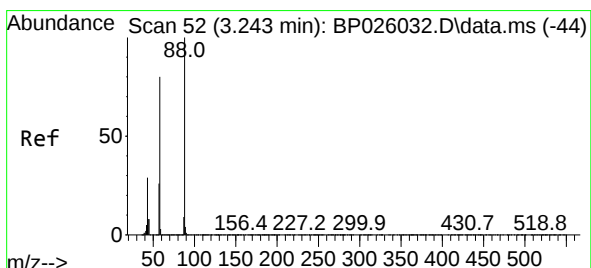
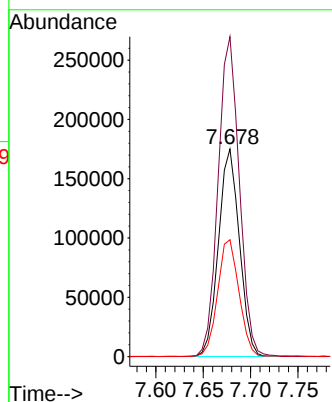
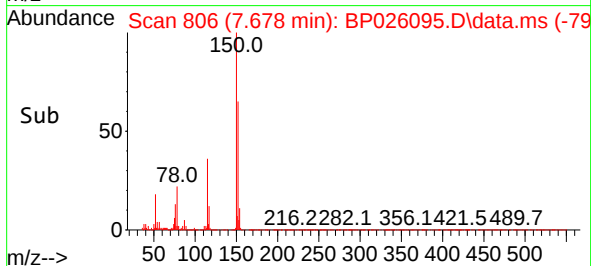
Instrument :
 BNA_P
 ClientSampleId :
 MW-2



Tgt Ion: 152 Resp: 269143
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.7 188.5
 115 56.4 46.4 69.6

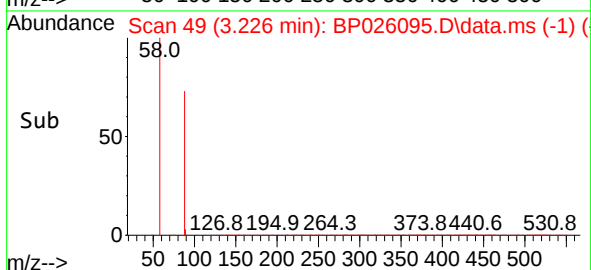
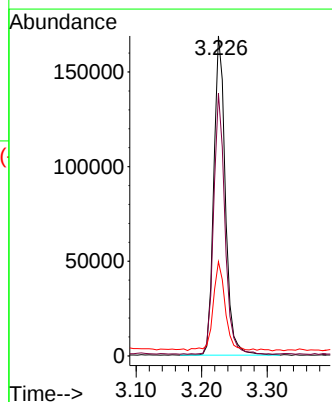
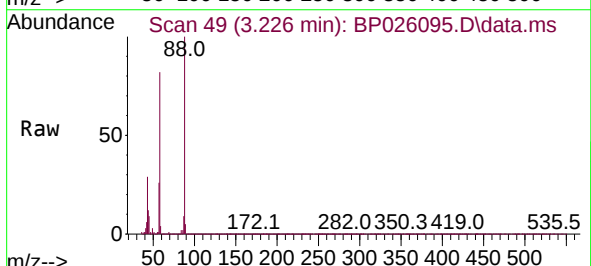
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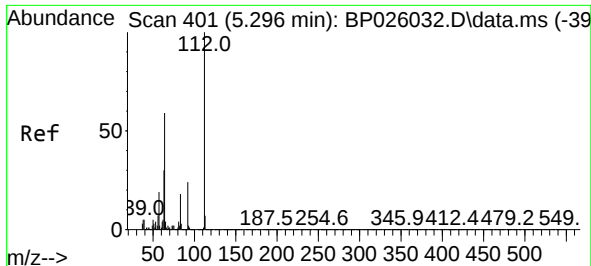
Reviewed By :Rahul Chavli 11/12/2025
 Supervised By :Jagrut Upadhyay 11/12/2025



#2
 1,4-Dioxane
 Concen: 30.194 ng
 RT: 3.226 min Scan# 49
 Delta R.T. -0.011 min
 Lab File: BP026095.D
 Acq: 11 Nov 2025 18:14

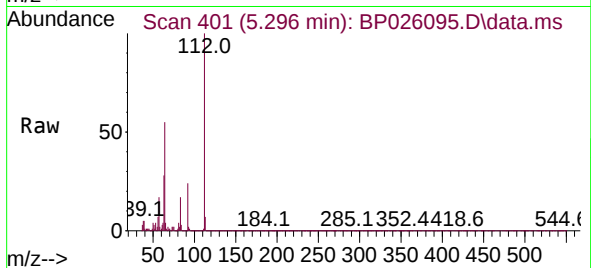
Tgt Ion: 88 Resp: 207617
 Ion Ratio Lower Upper
 88 100
 58 79.8 65.4 98.0
 43 28.6 23.1 34.7





#5
2-Fluorophenol
Concen: 78.309 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

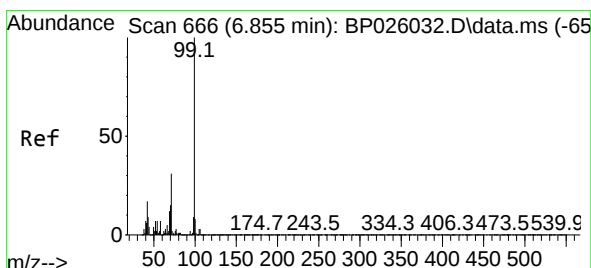
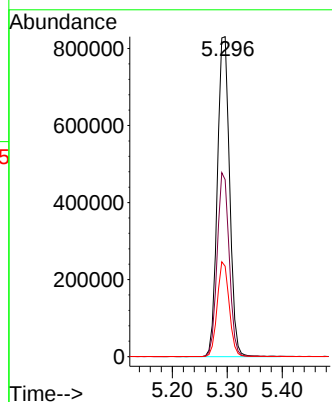
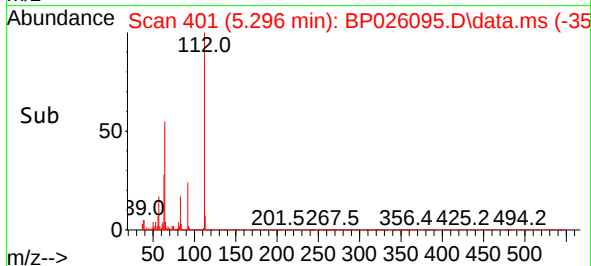
Instrument :
BNA_P
ClientSampleId :
MW-2



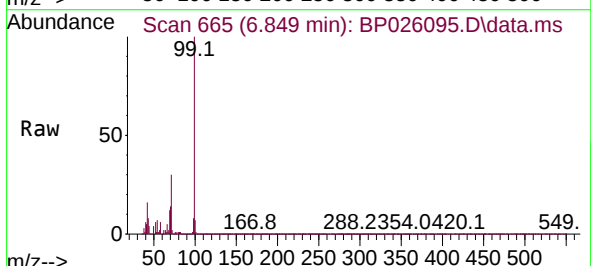
Tgt Ion: 112 Resp: 1277275
Ion Ratio Lower Upper
112 100
64 55.3 47.4 71.2
63 28.3 24.2 36.4

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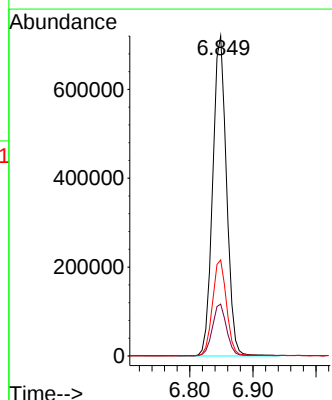
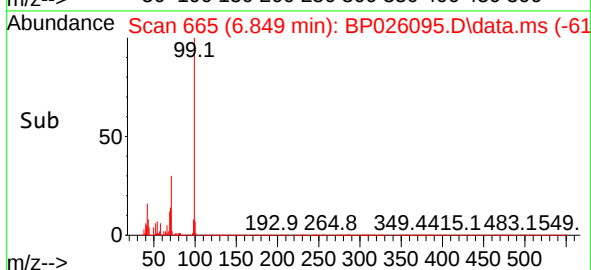
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

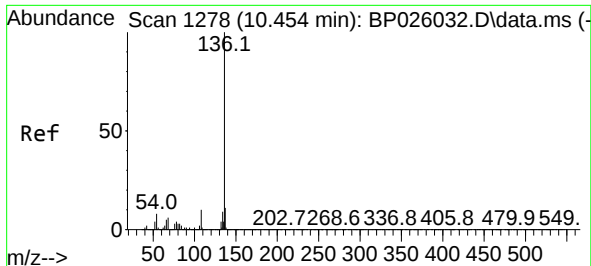


#7
Phenol-d6
Concen: 52.866 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14



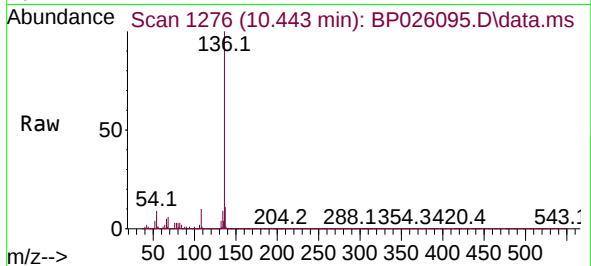
Tgt Ion: 99 Resp: 1097518
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 30.0 24.4 36.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1072
Delta R.T. -0.011 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

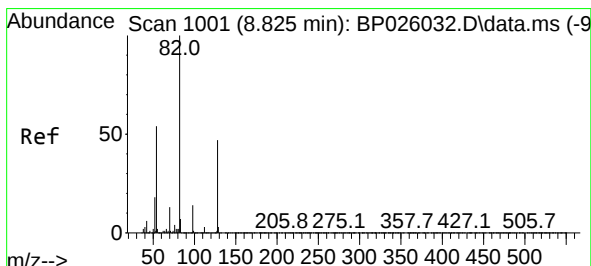
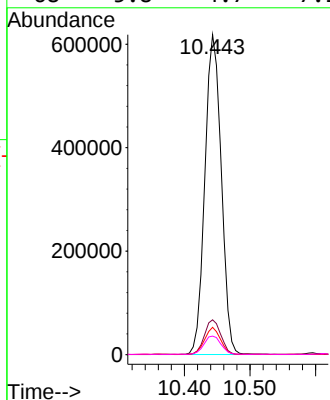
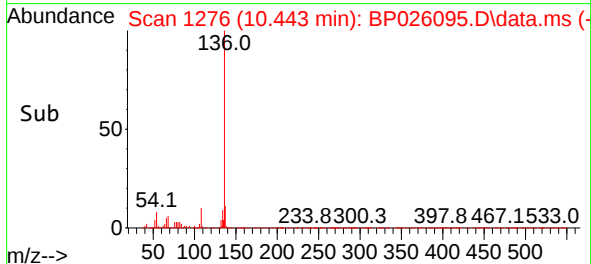
Instrument :
BNA_P
ClientSampleId :
MW-2



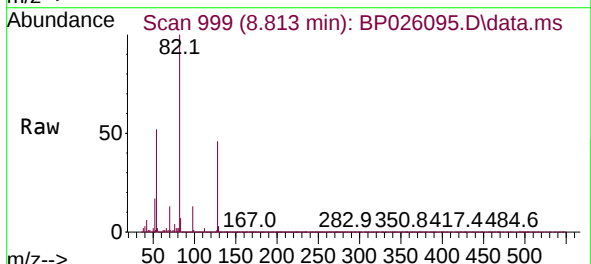
Tgt Ion: 136 Resp: 1072142
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 6.6 10.0
68 5.8 4.7 7.1

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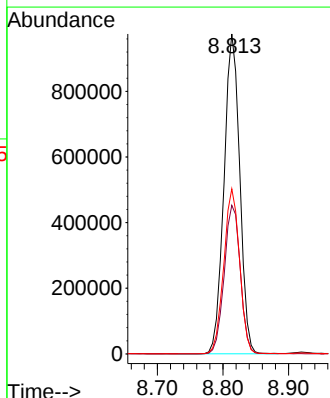
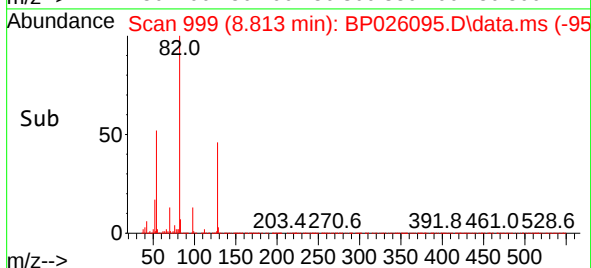
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

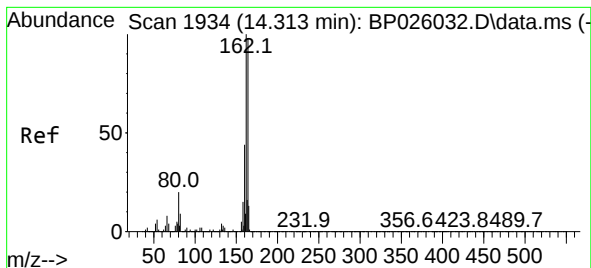


#23
Nitrobenzene-d5
Concen: 94.853 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.011 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14



Tgt Ion: 82 Resp: 1631315
Ion Ratio Lower Upper
82 100
128 46.4 37.4 56.0
54 51.6 42.7 64.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP026095.D

Acq: 11 Nov 2025 18:14

Instrument :

BNA_P

ClientSampleId :

MW-2

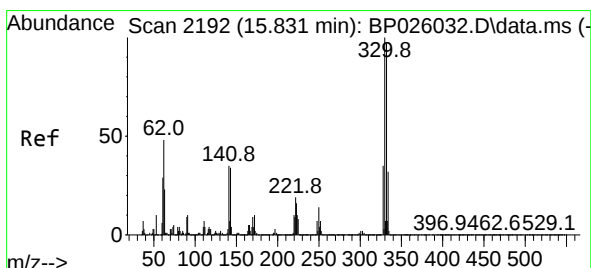
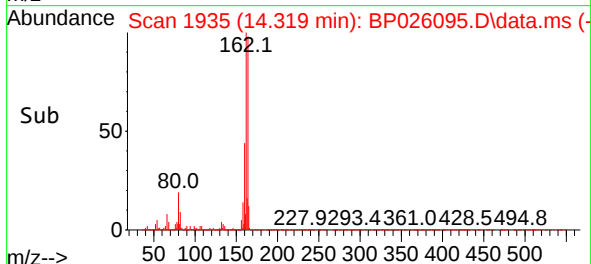
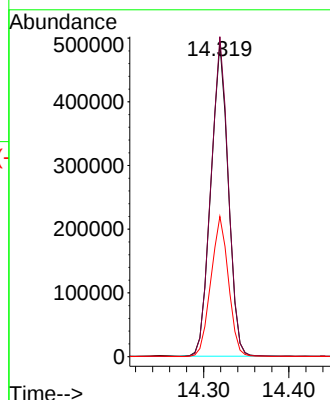
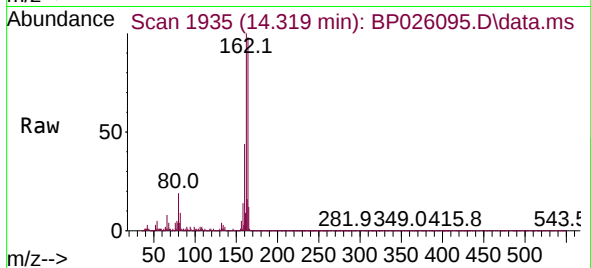
Tgt Ion:164	Resp: 697904
Ion Ratio	Lower Upper
164	100
162	102.1 81.5 122.3
160	44.7 36.2 54.4

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#42

2,4,6-Tribromophenol

Concen: 182.349 ng

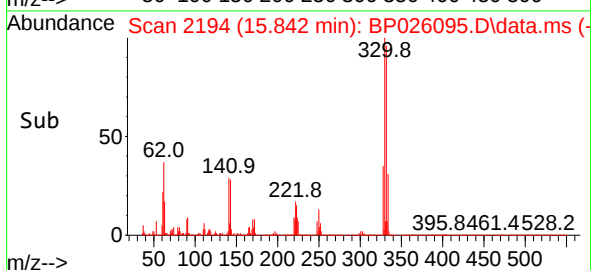
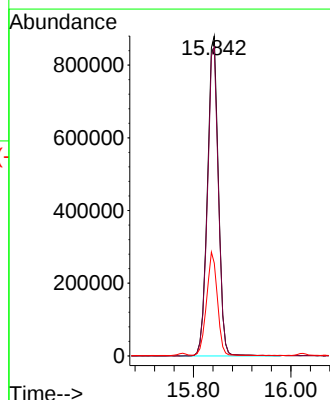
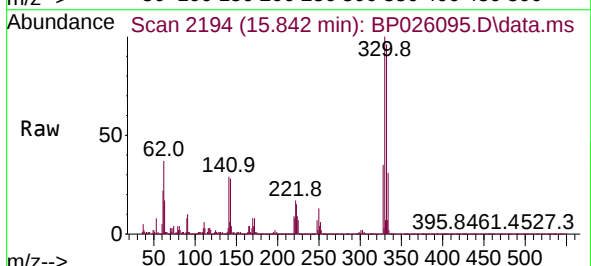
RT: 15.842 min Scan# 2194

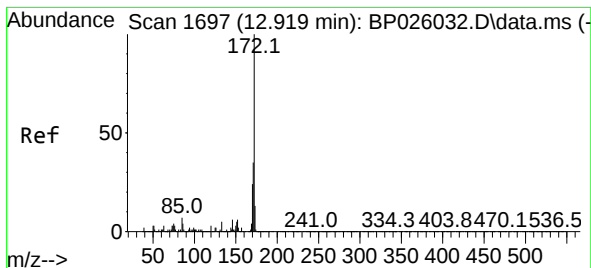
Delta R.T. 0.012 min

Lab File: BP026095.D

Acq: 11 Nov 2025 18:14

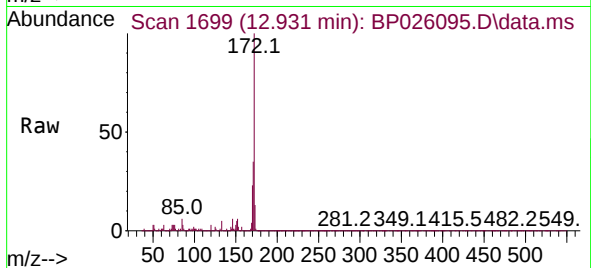
Tgt Ion:330	Resp: 1375825
Ion Ratio	Lower Upper
330	100
332	96.6 77.3 115.9
141	31.7 28.6 42.8





#45
2-Fluorobiphenyl
Concen: 82.455 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

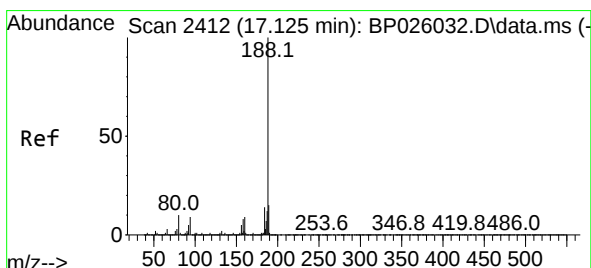
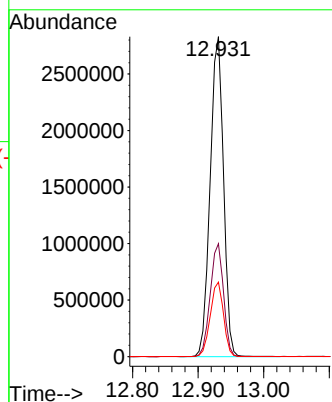
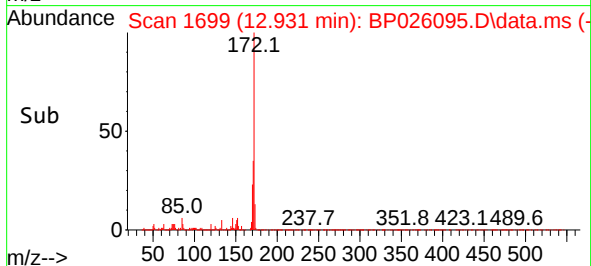
Instrument :
BNA_P
ClientSampleId :
MW-2



Tgt Ion:172 Resp: 4004795
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.3 19.0 28.4

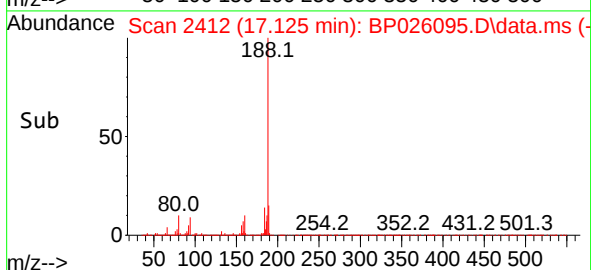
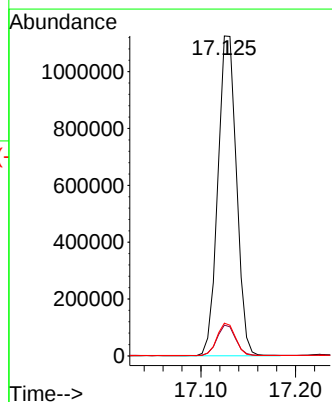
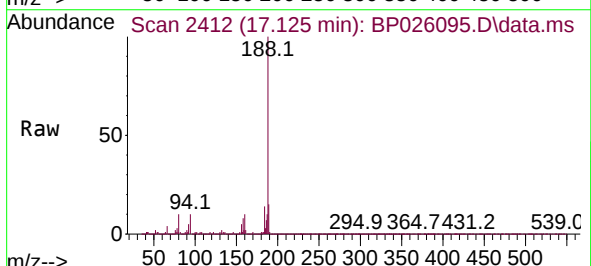
Manual Integrations
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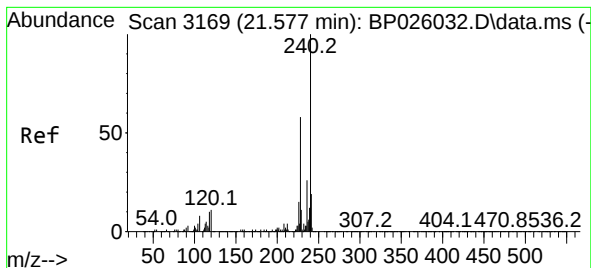
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:188 Resp: 1534727
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3169

Delta R.T. 0.018 min

Lab File: BP026095.D

Acq: 11 Nov 2025 18:14

Instrument :

BNA_P

ClientSampleId :

MW-2

Tgt Ion:240 Resp: 1828450

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

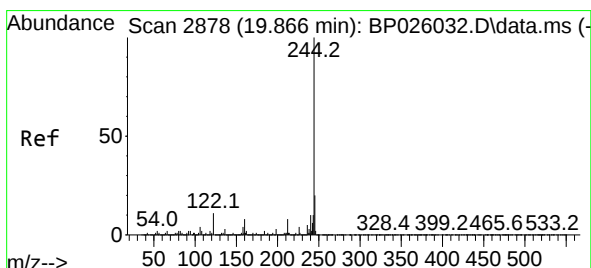
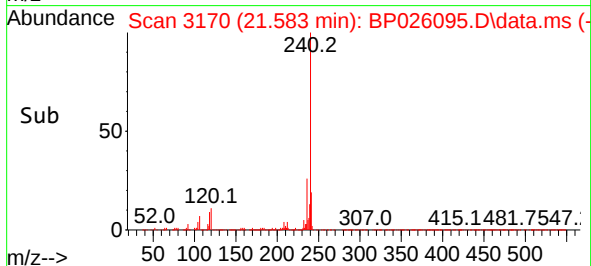
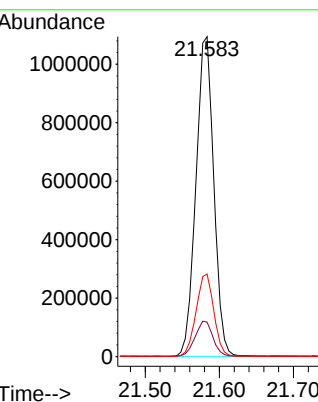
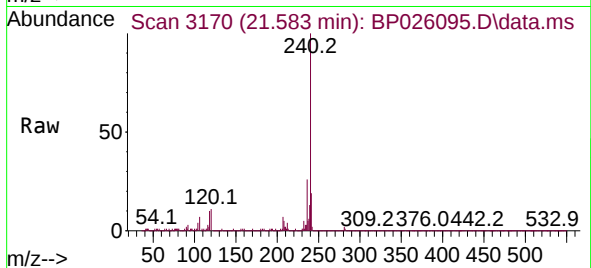
236 25.8 20.6 31.0

Manual Integrations

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#79

Terphenyl-d14

Concen: 80.375 ng

RT: 19.872 min Scan# 2879

Delta R.T. 0.006 min

Lab File: BP026095.D

Acq: 11 Nov 2025 18:14

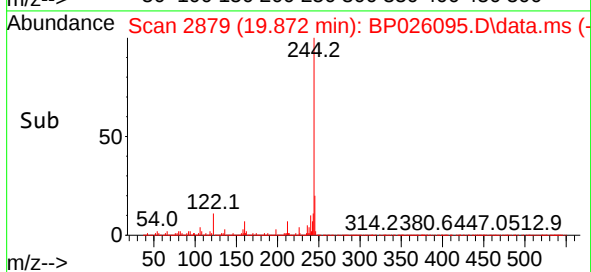
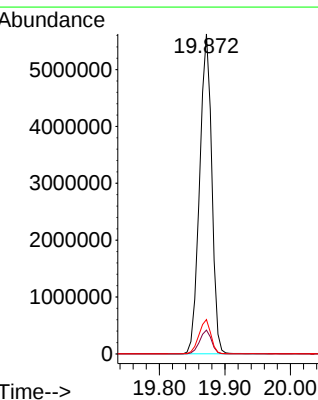
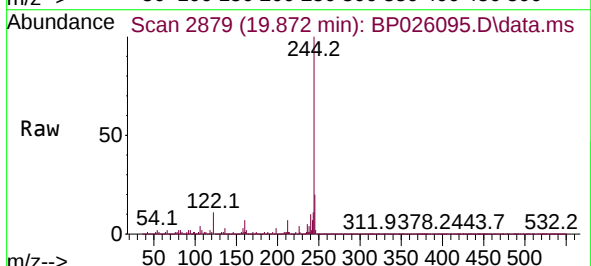
Tgt Ion:244 Resp: 7233493

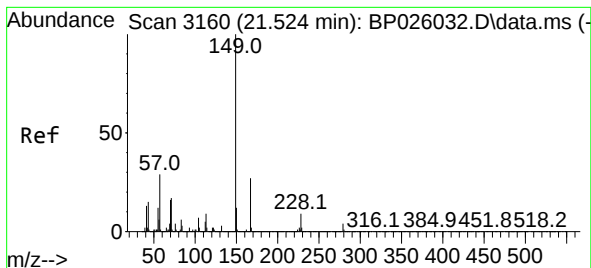
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

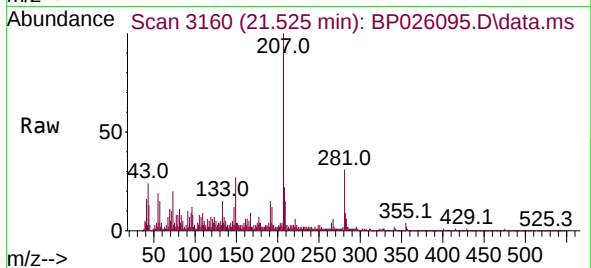
122 10.7 9.0 13.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.936 ng m
RT: 21.525 min Scan# 3160
Delta R.T. 0.007 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

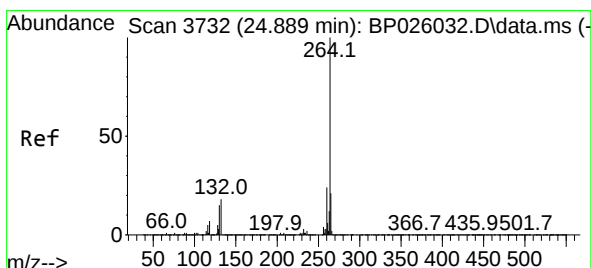
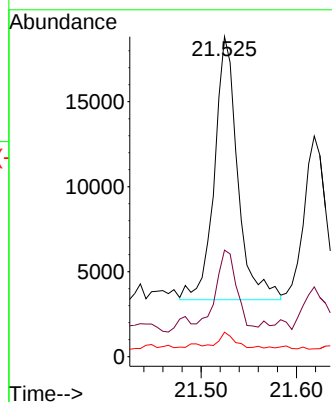
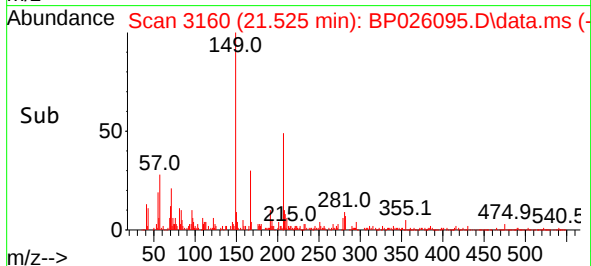
Instrument :
BNA_P
ClientSampleId :
MW-2



Tgt Ion:149 Resp: 26364
Ion Ratio Lower Upper
149 100
167 33.3 21.5 32.3
279 7.6 3.0 4.6

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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.913 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026095.D
Acq: 11 Nov 2025 18:14

Tgt Ion:264 Resp: 2040425
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.7 17.2 25.8

