

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026044.D
 Acq On : 30 Oct 2025 15:42
 Operator : RC/JU
 Sample : Q3447-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-TW1-251023-01

Quant Time: Oct 30 16:12:18 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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Jagrut Upadhyay 10/31/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	376742	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1432630	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	843948	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1620982	20.000	ng	0.01
76) Chrysene-d12	21.595	240	1730921	20.000	ng	0.03
86) Perylene-d12	24.907	264	1889761	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2791444	122.263	ng	0.00
7) Phenol-d6	6.855	99	3193658	109.899	ng	0.00
23) Nitrobenzene-d5	8.819	82	2079334	90.481	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	1272263	139.443	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	4967566	84.579	ng	0.00
79) Terphenyl-d14	19.878	244	8020127	94.137	ng	0.01
Target Compounds						
						Qvalue
10) Phenol	6.878	94	160948	4.989	ng	89
17) 2-Methylphenol	8.108	107	45985	2.177	ng	94
20) 3+4-Methylphenols	8.431	107	91930	3.128	ng	95
27) 2,4-Dimethylphenol	9.660	122	105373m	5.094	ng	
31) Naphthalene	10.502	128	436821	5.591	ng	99
37) 2-Methylnaphthalene	12.125	142	312887	5.722	ng	98
38) 1-Methylnaphthalene	12.337	142	211450m	3.981	ng	
84) Bis(2-ethylhexyl)phtha...	21.548	149	18245	2.845	ng	# 94

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

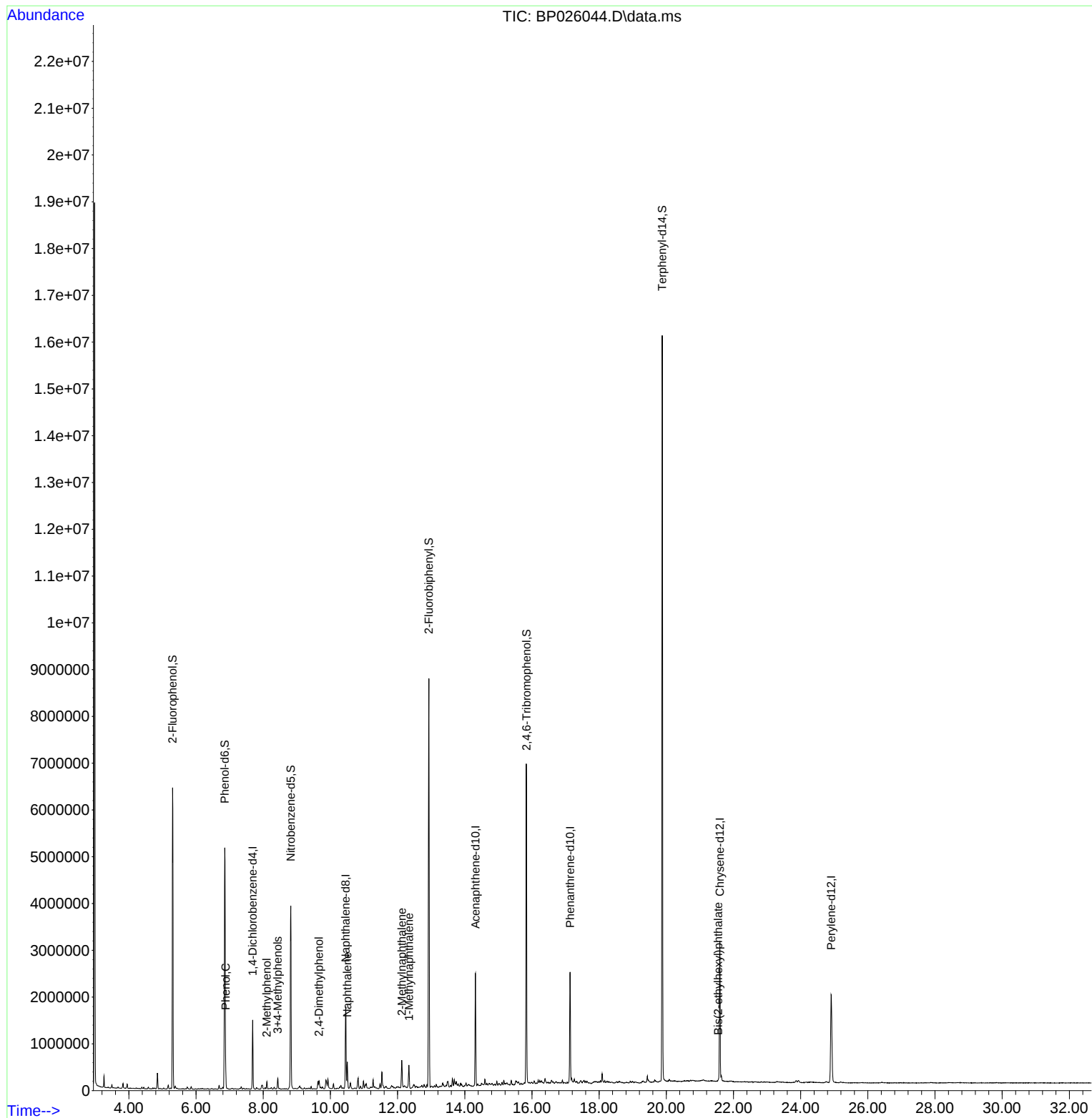
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026044.D
Acq On : 30 Oct 2025 15:42
Operator : RC/JU
Sample : Q3447-02
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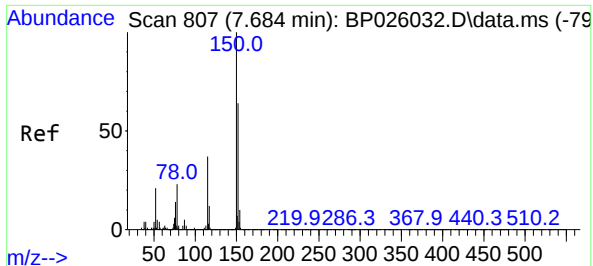
Instrument :
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ClientSampleId :
P001-TW1-251023-01

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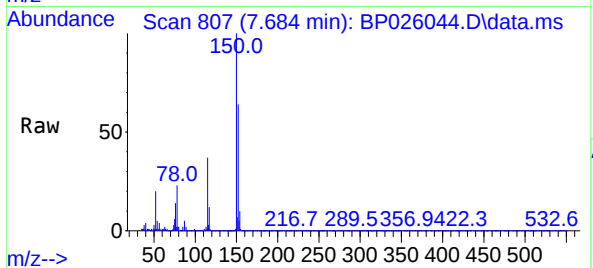
Quant Time: Oct 30 16:12:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

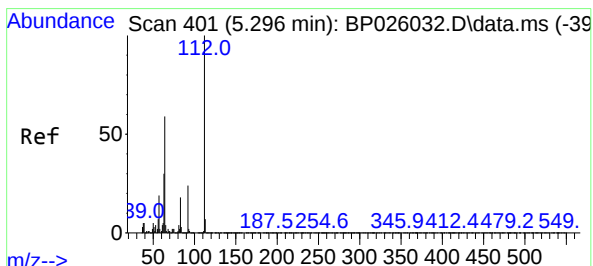
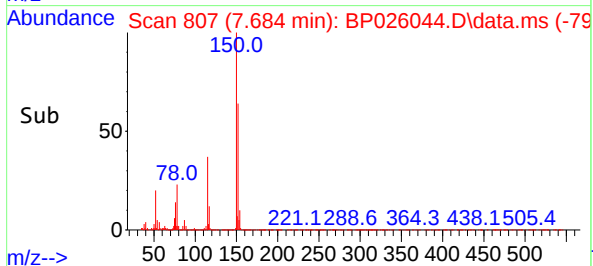
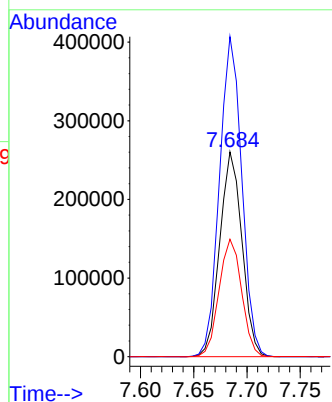
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01



Tgt Ion:152 Resp: 37674
Ion Ratio Lower Upper
152 100
150 156.3 125.7 188.5
115 57.4 46.4 69.6

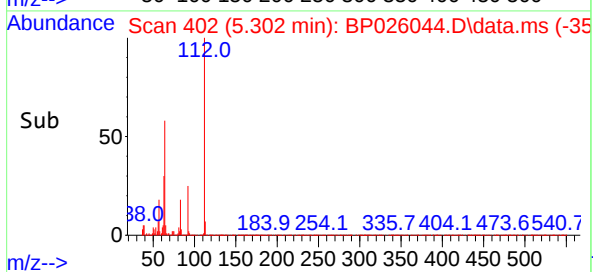
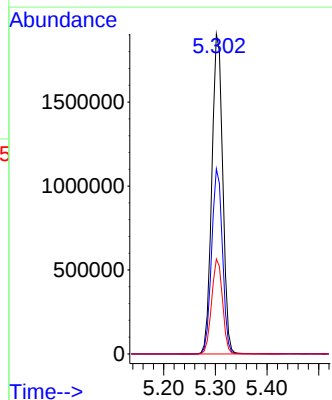
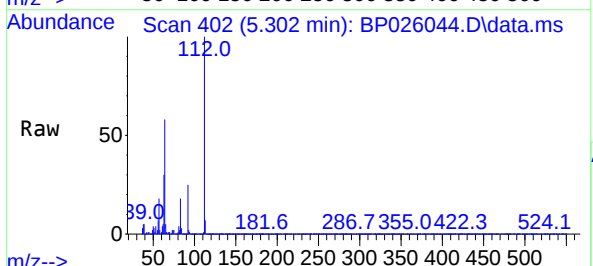
Manual Integrations
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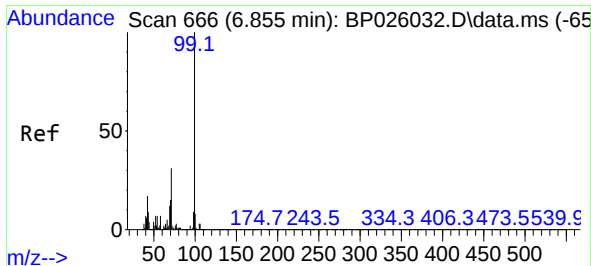
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#5
2-Fluorophenol
Concen: 122.263 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

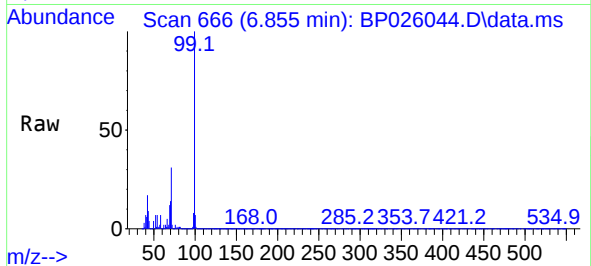
Tgt Ion:112 Resp: 2791444
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.2
63 29.7 24.2 36.4





#7
Phenol-d6
Concen: 109.899 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

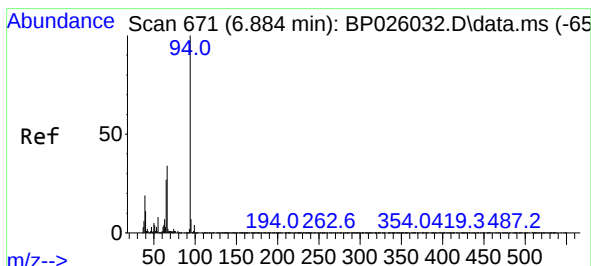
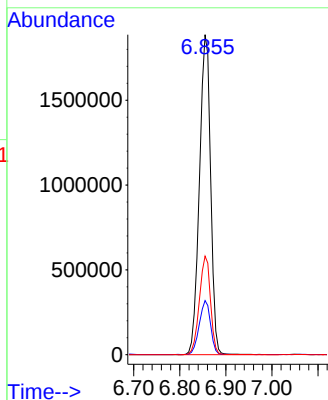
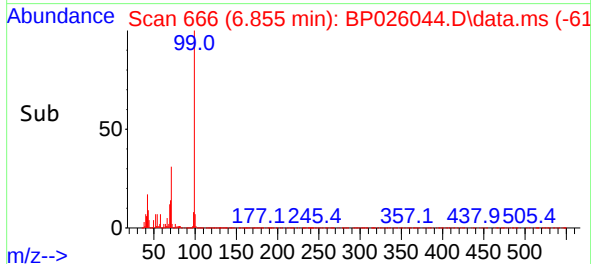
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01



Tgt Ion: 99 Resp: 3193658
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 30.8 24.4 36.6

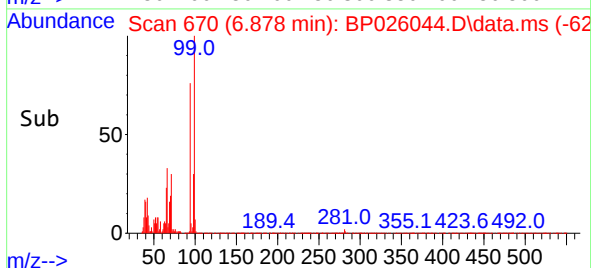
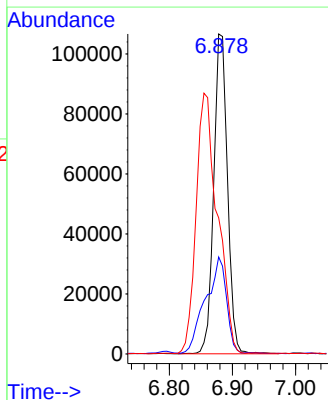
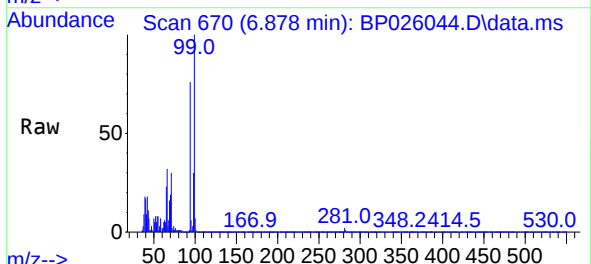
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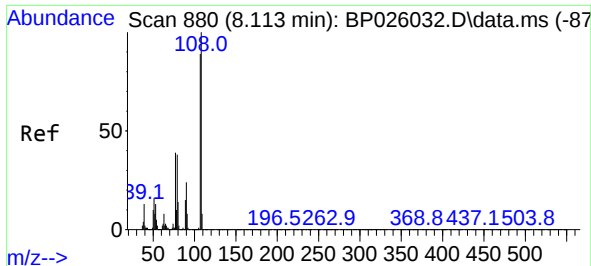
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#10
Phenol
Concen: 4.989 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

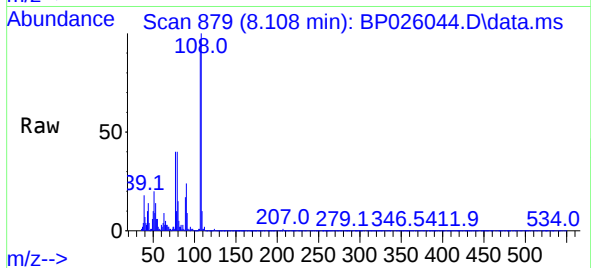
Tgt Ion: 94 Resp: 160948
Ion Ratio Lower Upper
94 100
65 30.3 7.1 47.1
66 42.5 14.4 54.4





#17
2-Methylphenol
Concen: 2.177 ng
RT: 8.108 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

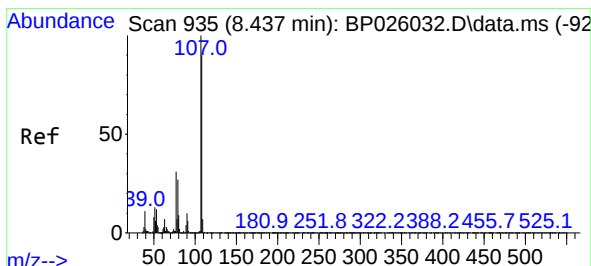
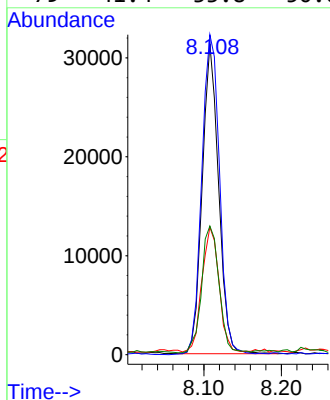
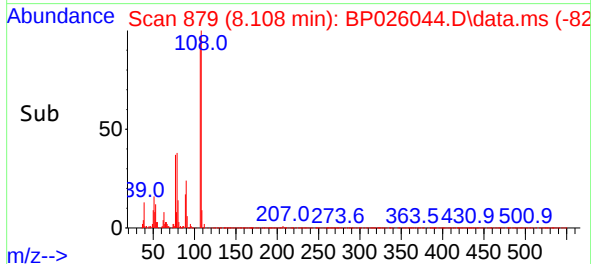
Instrument :
BNA_P
ClientSampleId :
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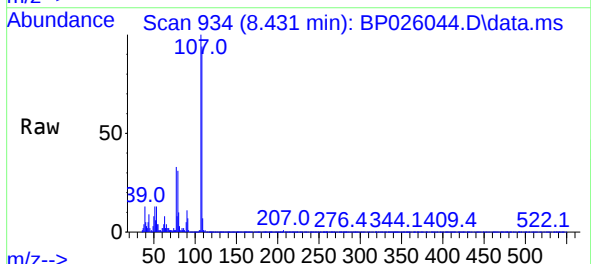
Tgt Ion:107 Resp: 4598
Ion Ratio Lower Upper
107 100
108 103.0 89.8 134.8
77 41.0 34.8 52.2
79 41.4 33.8 50.6

Manual Integrations
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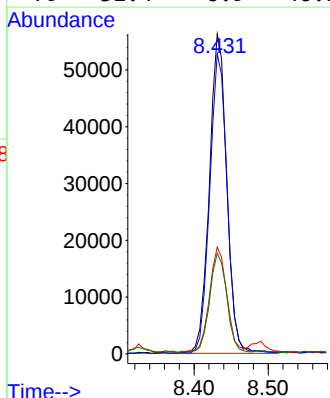
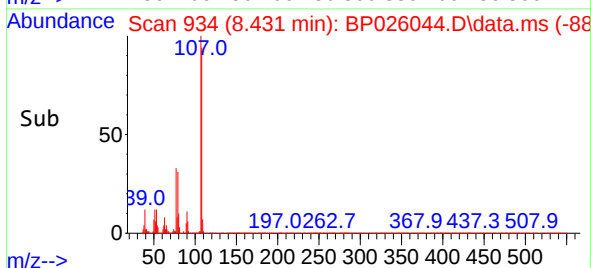
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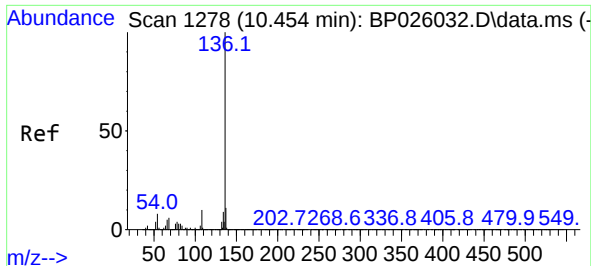


#20
3+4-Methylphenols
Concen: 3.128 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.011 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42



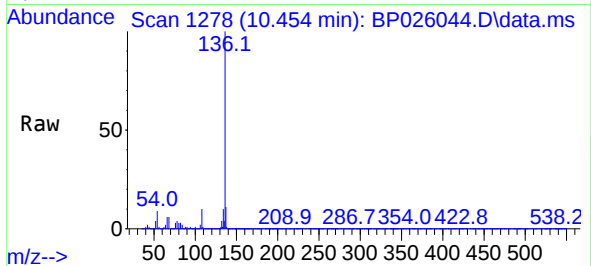
Tgt Ion:107 Resp: 91930
Ion Ratio Lower Upper
107 100
108 93.8 70.1 110.1
77 33.4 10.7 50.7
79 31.4 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

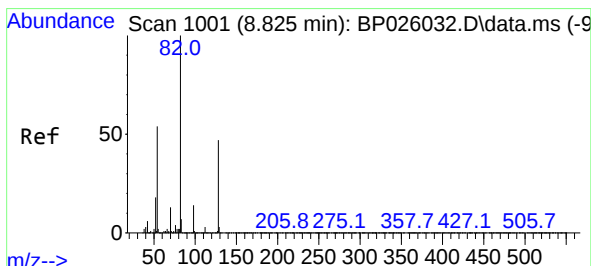
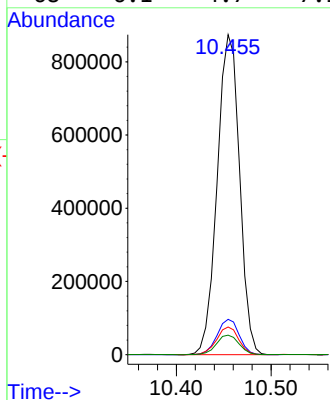
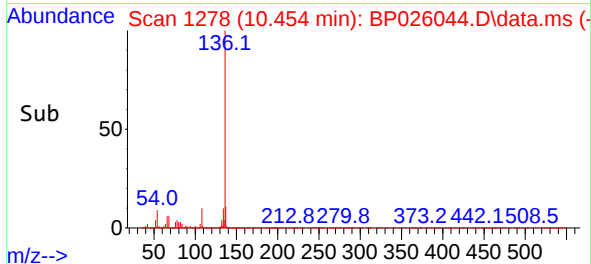
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01



Tgt Ion:136 Resp: 1432630
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 6.6 10.0
68 6.1 4.7 7.1

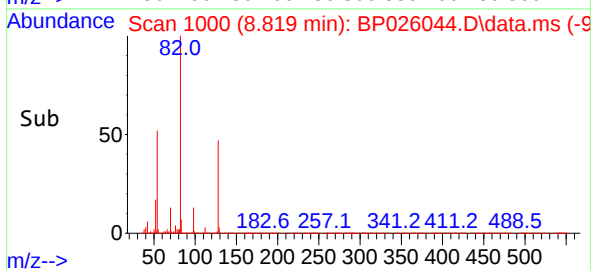
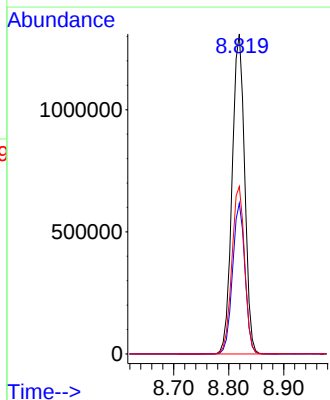
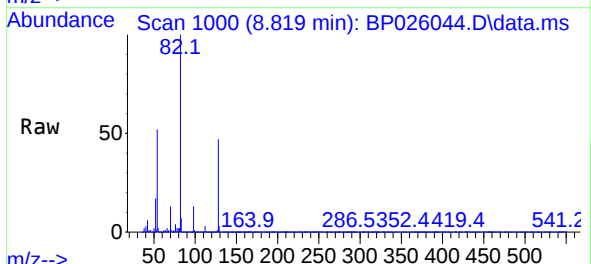
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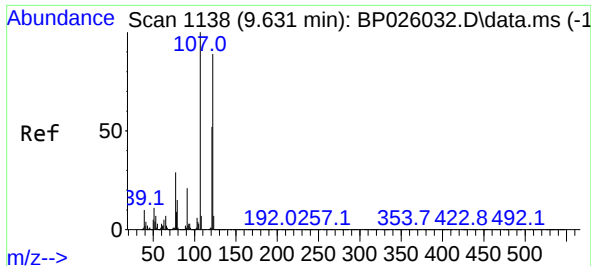
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#23
Nitrobenzene-d5
Concen: 90.481 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

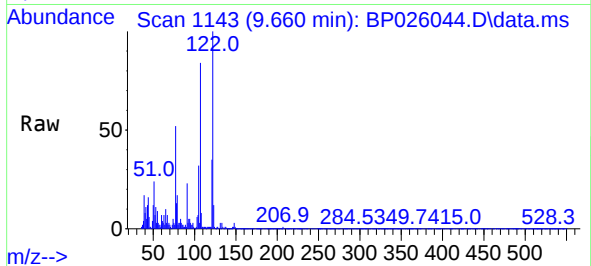
Tgt Ion: 82 Resp: 2079334
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.0
54 52.4 42.7 64.1





#27
2,4-Dimethylphenol
Concen: 5.094 ng m
RT: 9.660 min Scan# 1138
Delta R.T. 0.030 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

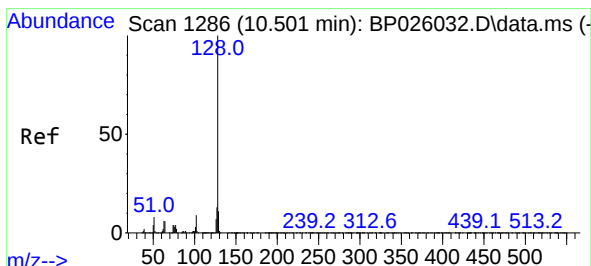
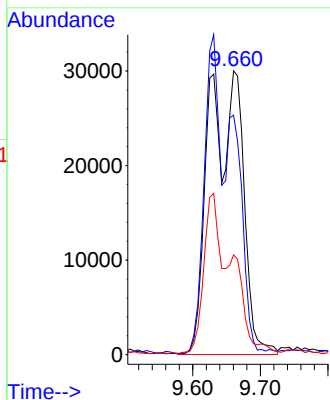
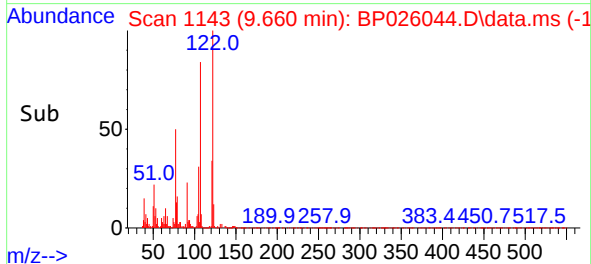
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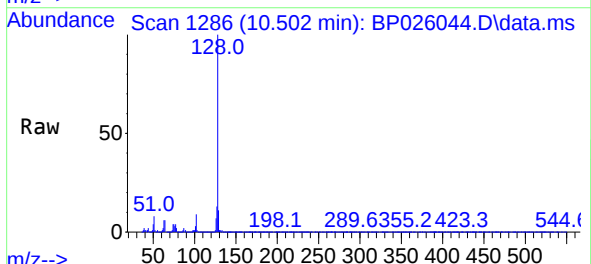
Tgt Ion:122 Resp: 10537
Ion Ratio Lower Upper
122 100
107 84.4 89.2 133.8
121 35.1 46.3 69.5

Manual Integrations
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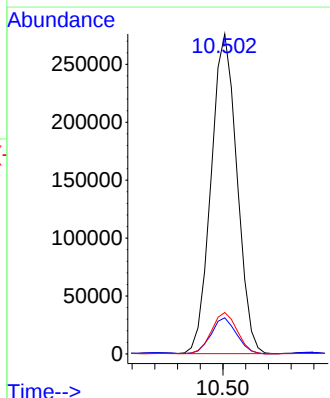
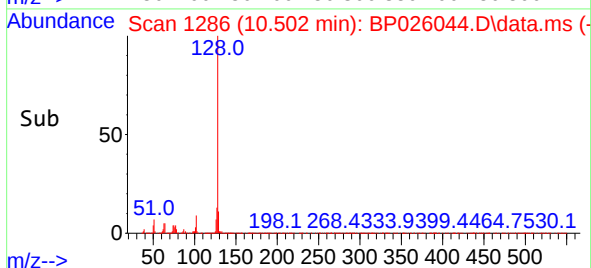
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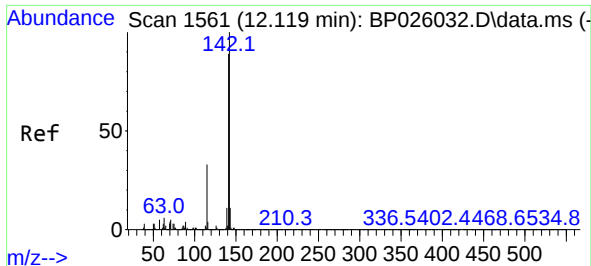


#31
Naphthalene
Concen: 5.591 ng
RT: 10.502 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42



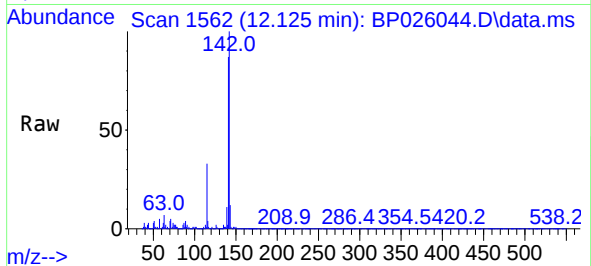
Tgt Ion:128 Resp: 436821
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.0 10.5 15.7





#37
2-Methylnaphthalene
Concen: 5.722 ng
RT: 12.125 min Scan# 1562
Delta R.T. 0.012 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

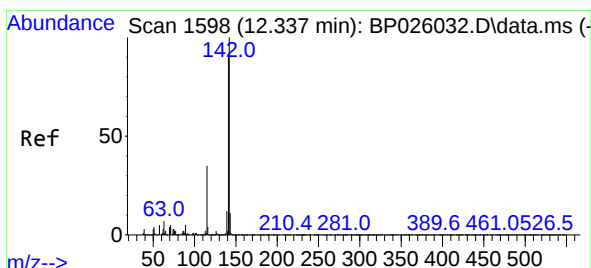
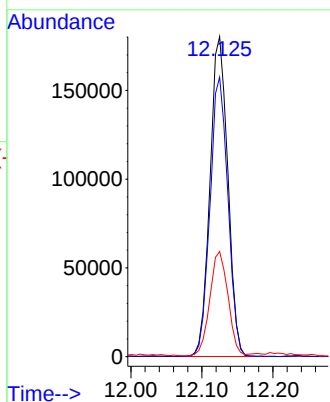
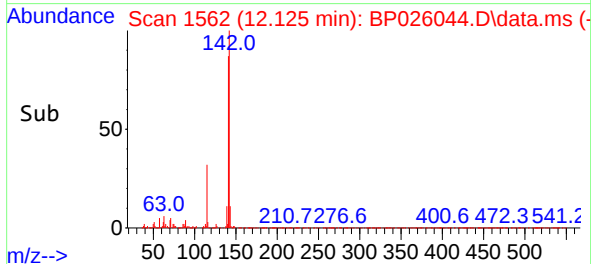
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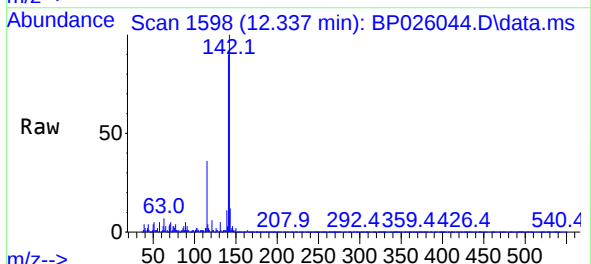
Tgt Ion:142 Resp: 31288
Ion Ratio Lower Upper
142 100
141 87.3 71.6 107.4
115 32.8 26.6 39.8

Manual Integrations
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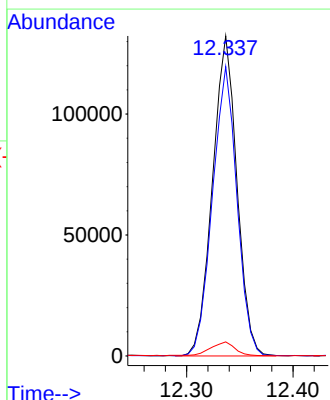
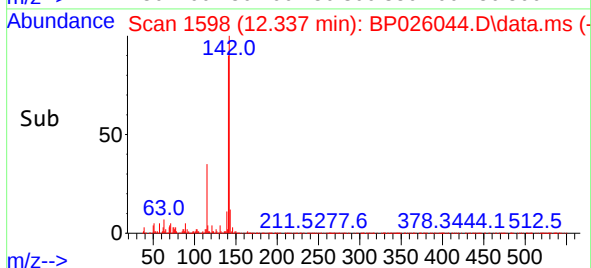
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

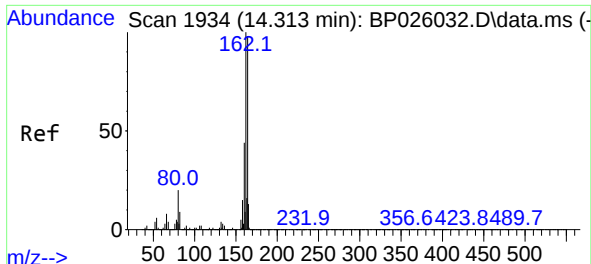


#38
1-Methylnaphthalene
Concen: 3.981 ng m
RT: 12.337 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42



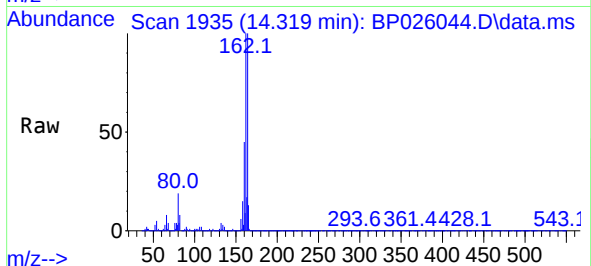
Tgt Ion:142 Resp: 211450
Ion Ratio Lower Upper
142 100
141 90.4 72.7 109.1
116 4.4 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

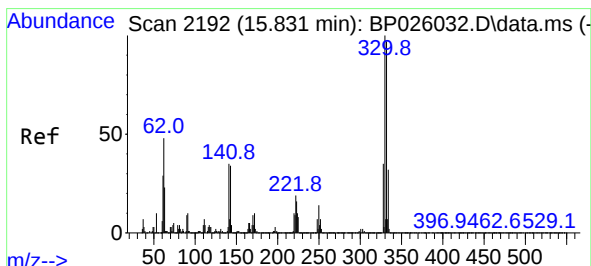
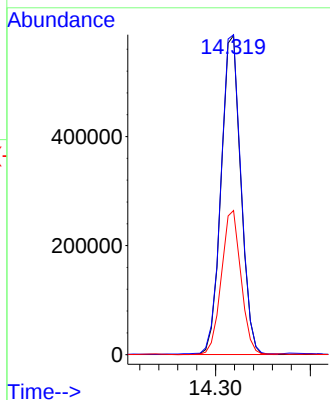
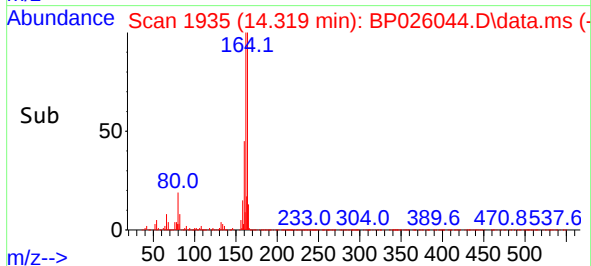
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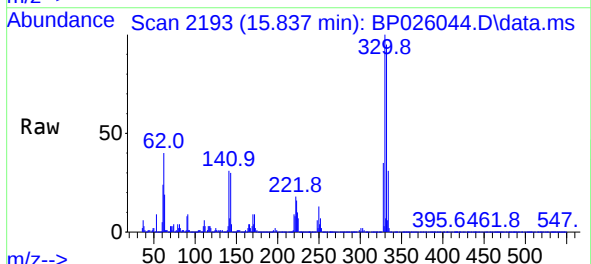
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162 100.2 81.5 122.3
160 45.2 36.2 54.4

Manual Integrations
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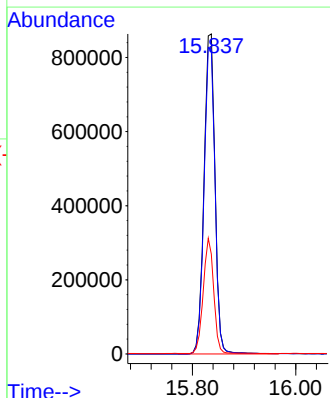
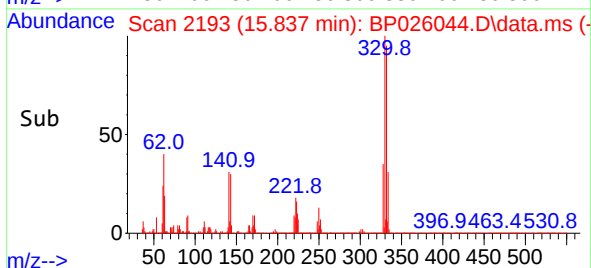
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

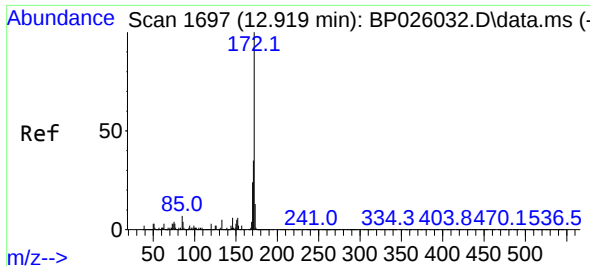


#42
2,4,6-Tribromophenol
Concen: 139.443 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42



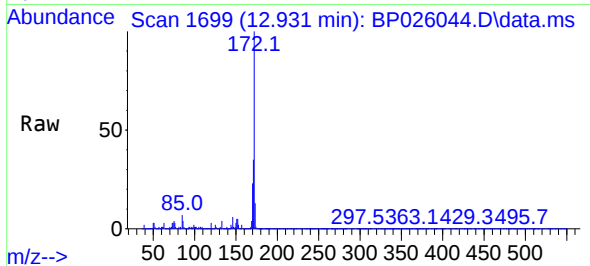
Tgt Ion:330 Resp: 1272263
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 34.2 28.6 42.8





#45
2-Fluorobiphenyl
Concen: 84.579 ng
RT: 12.931 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

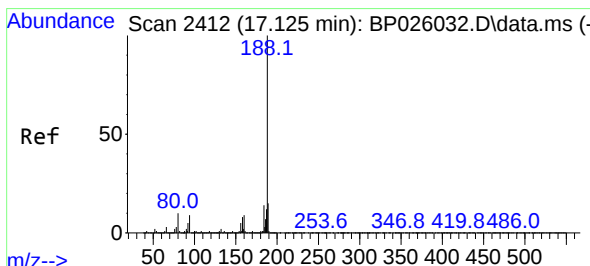
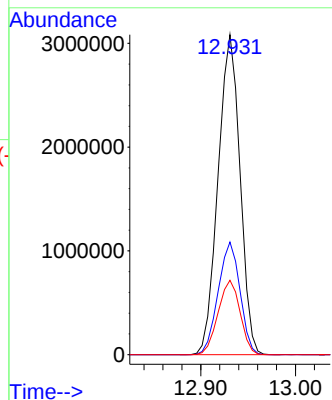
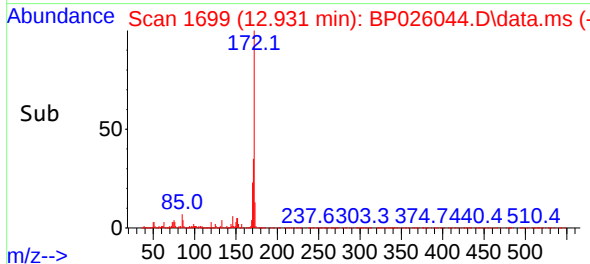
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01



Tgt Ion:172 Resp: 4967560
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.3 19.0 28.4

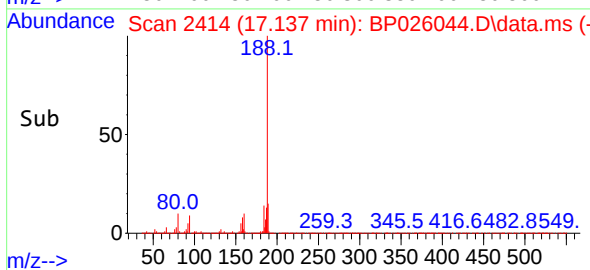
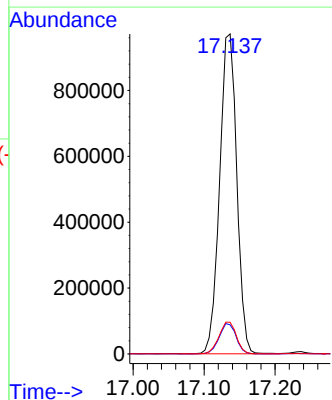
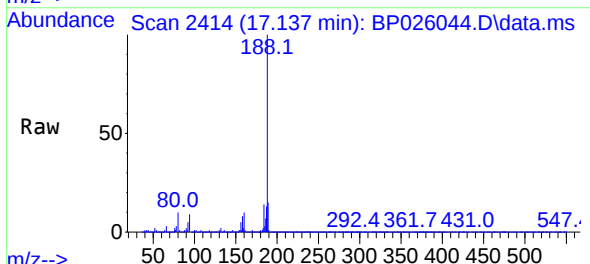
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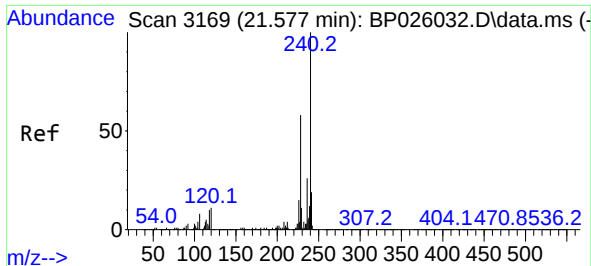
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 2414
Delta R.T. 0.012 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

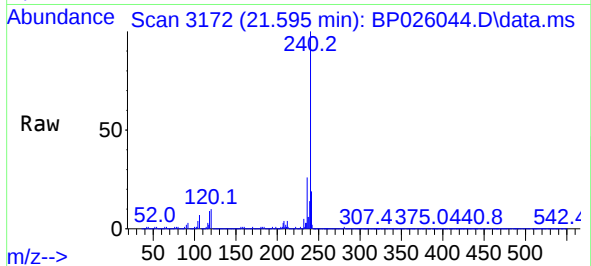
Tgt Ion:188 Resp: 1620982
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.9 7.9 11.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3169
Delta R.T. 0.030 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

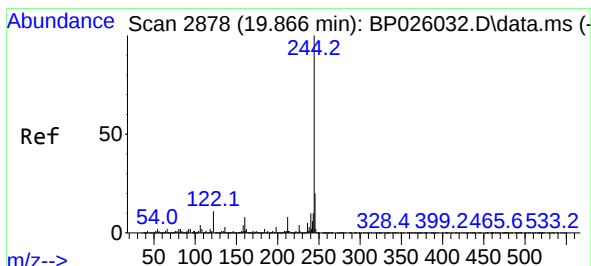
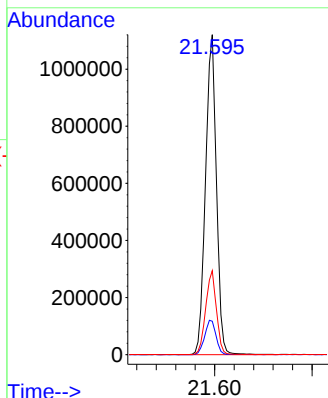
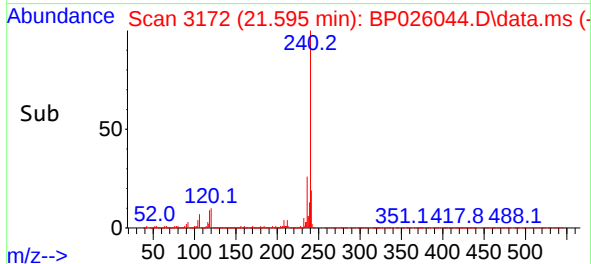
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01



Tgt Ion:240 Resp: 173092
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 26.2 20.6 31.0

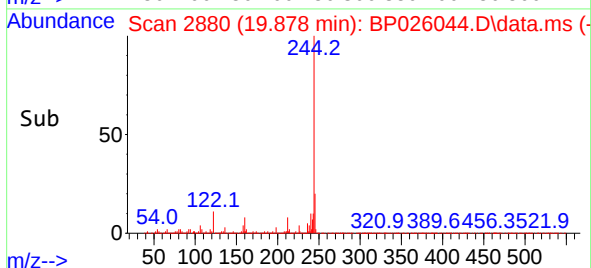
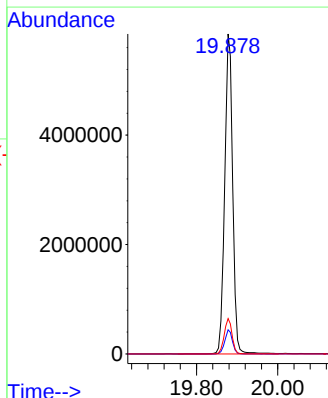
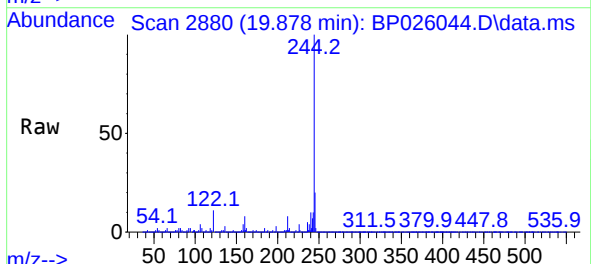
Manual Integrations
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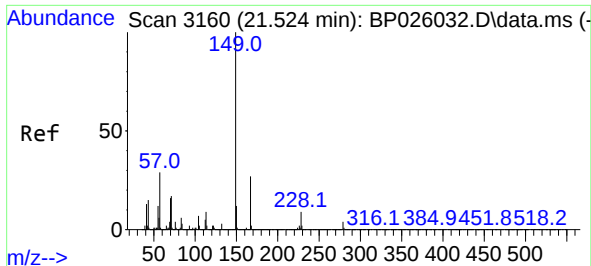
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#79
Terphenyl-d14
Concen: 94.137 ng
RT: 19.878 min Scan# 2880
Delta R.T. 0.012 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

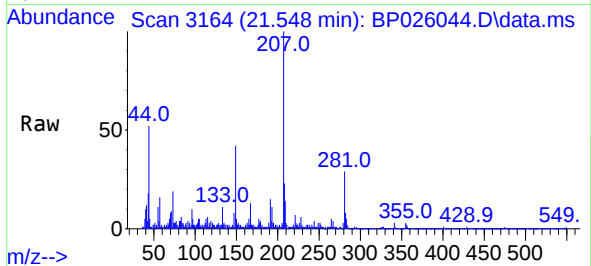
Tgt Ion:244 Resp: 8020127
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 11.1 9.0 13.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.845 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.030 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

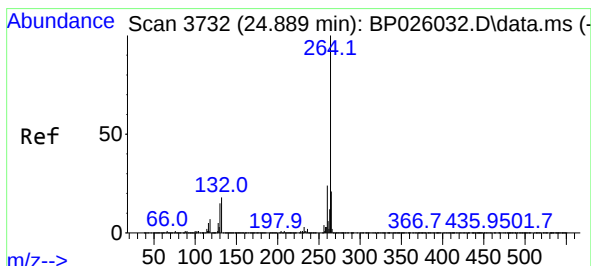
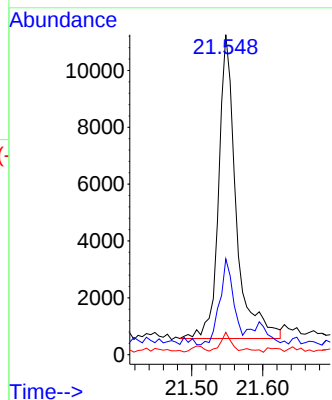
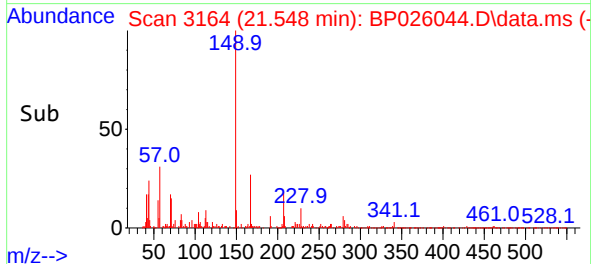
Instrument :
BNA_P
ClientSampleId :
P001-TW1-251023-01



Tgt Ion:149 Resp: 1824
Ion Ratio Lower Upper
149 100
167 30.0 21.5 32.3
279 7.0 3.0 4.6

Manual Integrations
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Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.024 min
Lab File: BP026044.D
Acq: 30 Oct 2025 15:42

Tgt Ion:264 Resp: 1889761
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.7 17.2 25.8

