

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026205.D
 Acq On : 01 Dec 2025 20:43
 Operator : RC/JU
 Sample : Q3716-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW3

Quant Time: Dec 02 00:31:11 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)

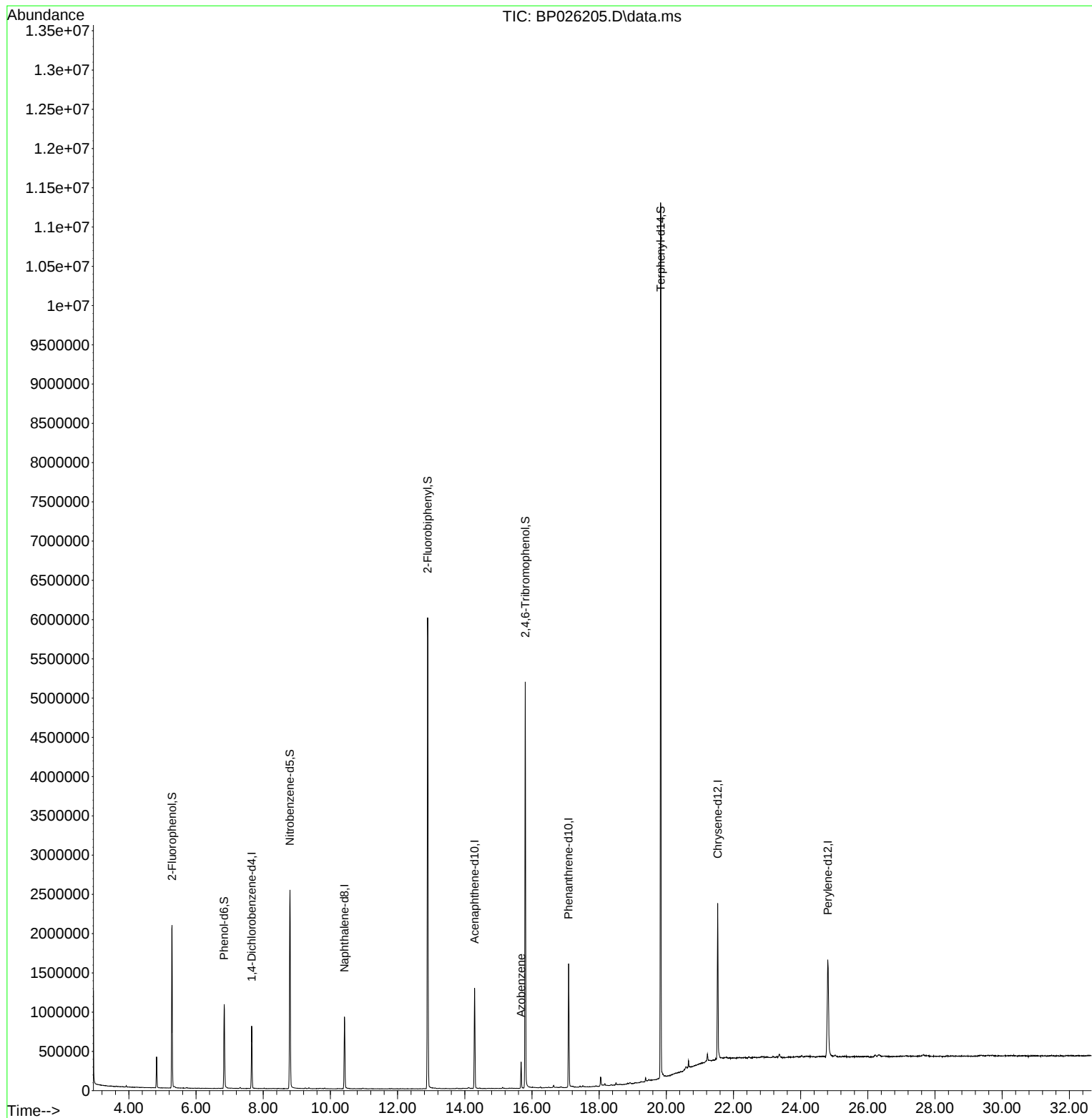
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	216317	20.000	ng	-0.02
21) Naphthalene-d8	10.419	136	815646	20.000	ng	-0.03
39) Acenaphthene-d10	14.290	164	502807	20.000	ng	-0.04
64) Phenanthrene-d10	17.089	188	1020122	20.000	ng	-0.04
76) Chrysene-d12	21.530	240	1197544	20.000	ng	-0.04
86) Perylene-d12	24.807	264	1381792	20.000	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	935440	69.410	ng	0.00
7) Phenol-d6	6.837	99	687116	40.048	ng	-0.02
23) Nitrobenzene-d5	8.796	82	1467182	102.176	ng	-0.02
42) 2,4,6-Tribromophenol	15.801	330	1036484	158.906	ng	-0.04
45) 2-Fluorobiphenyl	12.896	172	3624092	105.636	ng	-0.04
79) Terphenyl-d14	19.836	244	5872743	99.995	ng	-0.04
Target Compounds						
63) Azobenzene	15.678	77	97356	3.052	ng	Qvalue # 1

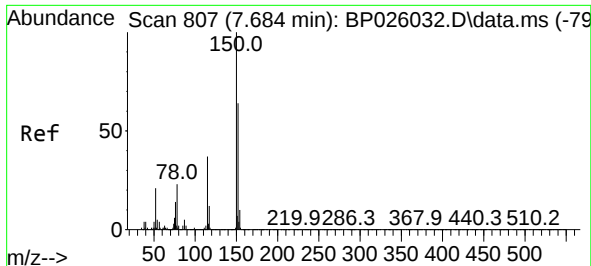
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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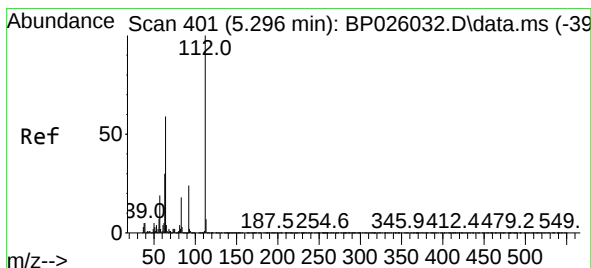
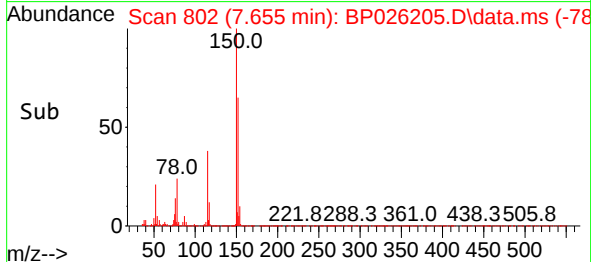
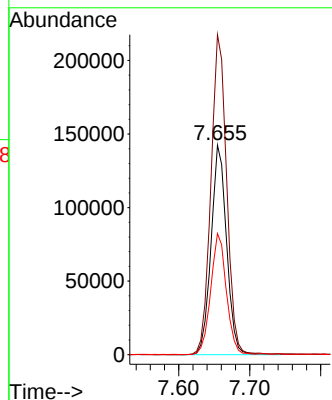
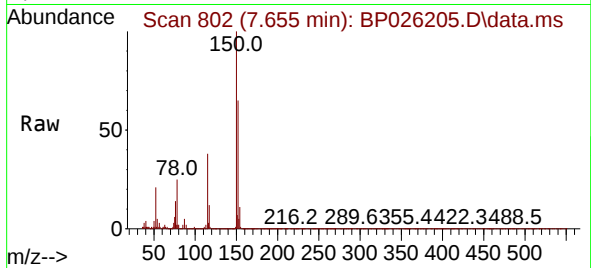




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

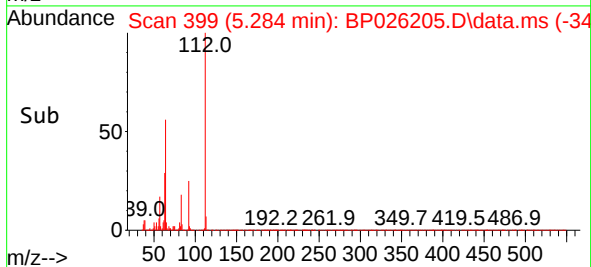
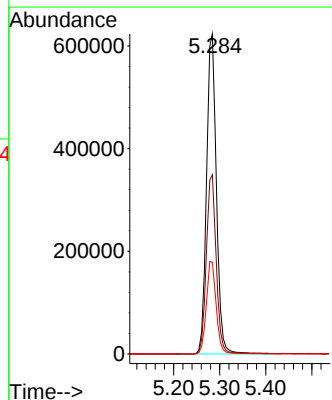
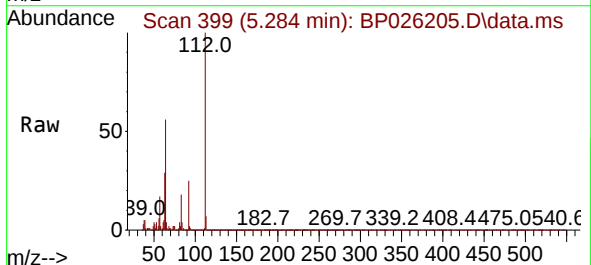
Instrument :
BNA_P
ClientSampleId :
MW3

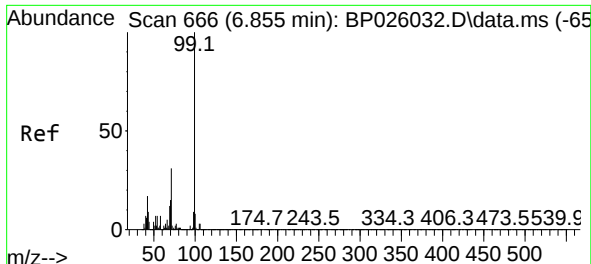
Tgt Ion:152 Resp: 216317
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.6
115 57.8 46.3 69.5



#5
2-Fluorophenol
Concen: 69.410 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

Tgt Ion:112 Resp: 935440
Ion Ratio Lower Upper
112 100
64 56.0 45.8 68.6
63 28.6 23.5 35.3

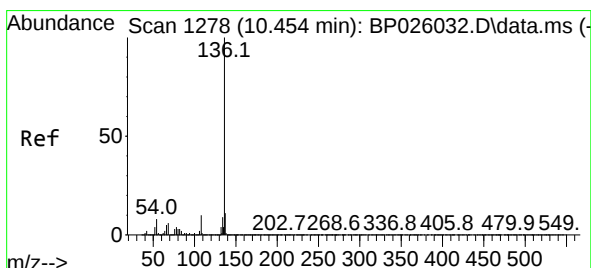
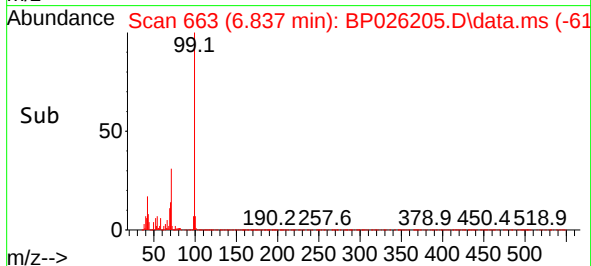
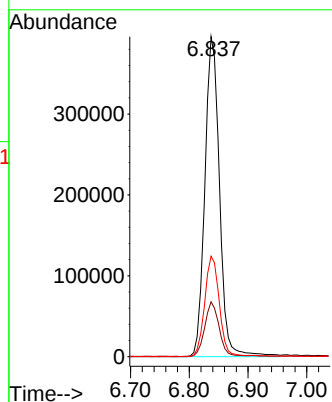
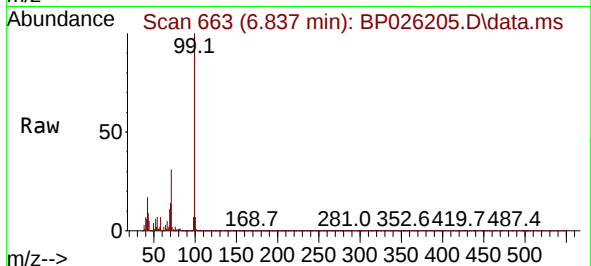




#7
Phenol-d6
Concen: 40.048 ng
RT: 6.837 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

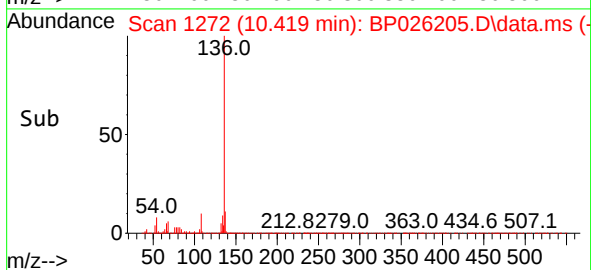
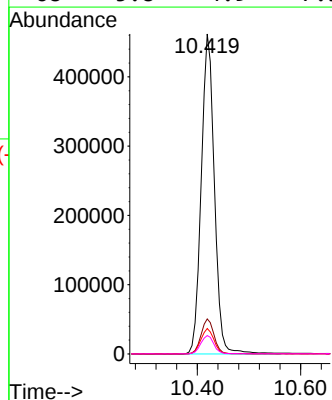
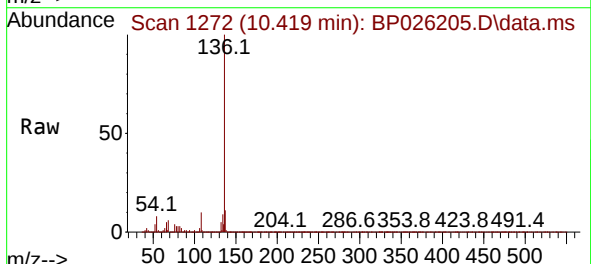
Instrument :
BNA_P
ClientSampleId :
MW3

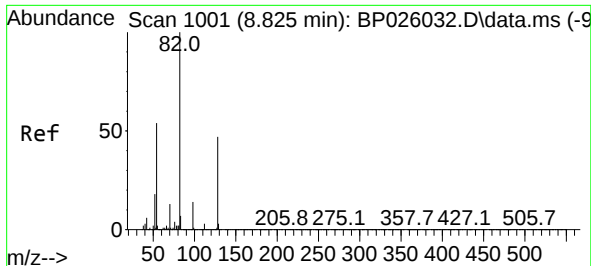
Tgt Ion: 99 Resp: 687116
Ion Ratio Lower Upper
99 100
42 17.1 12.9 19.3
71 31.4 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.029 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

Tgt Ion:136 Resp: 815646
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 6.4 9.6
68 5.8 4.9 7.3

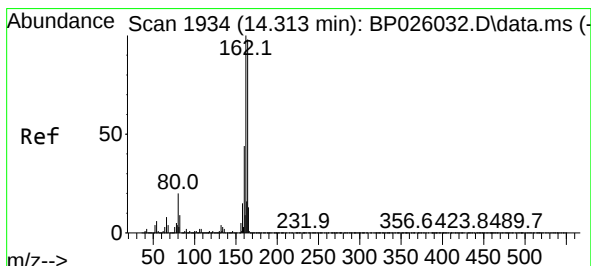
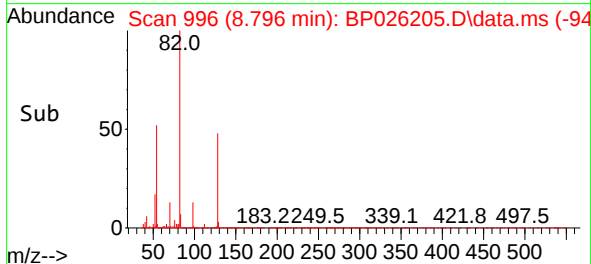
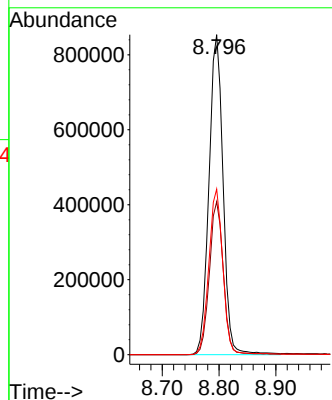
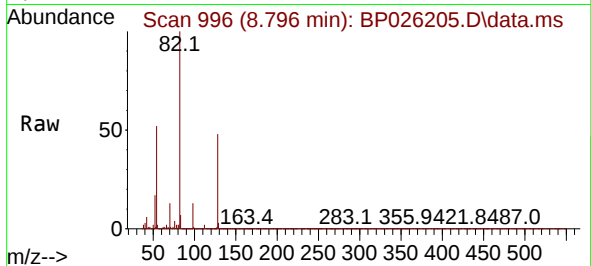




#23
Nitrobenzene-d5
Concen: 102.176 ng
RT: 8.796 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

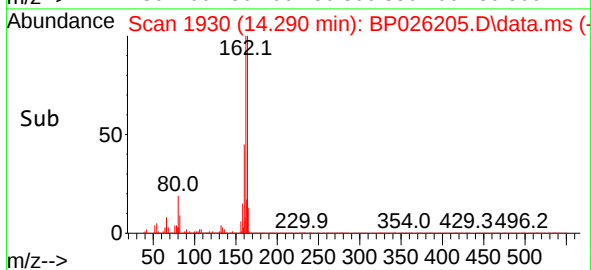
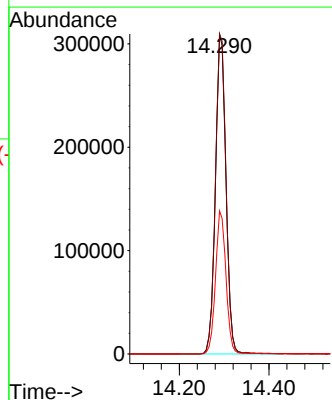
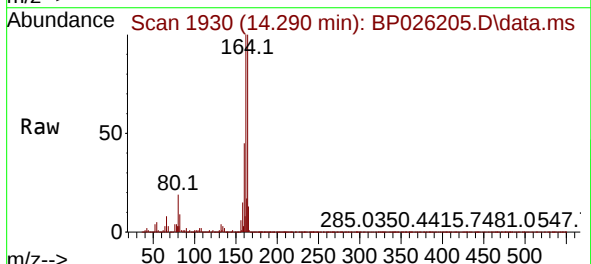
Instrument :
BNA_P
ClientSampleId :
MW3

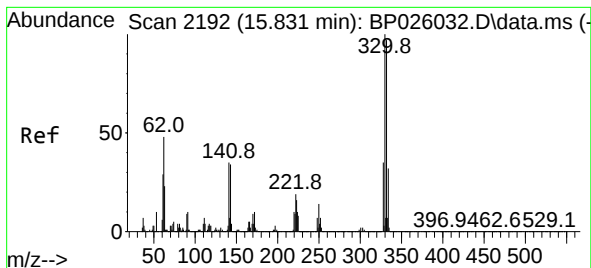
Tgt Ion: 82 Resp: 1467182
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.0
54 51.7 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.035 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

Tgt Ion:164 Resp: 502807
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 44.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 158.906 ng

RT: 15.801 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP026205.D

Acq: 01 Dec 2025 20:43

Instrument :

BNA_P

ClientSampleId :

MW3

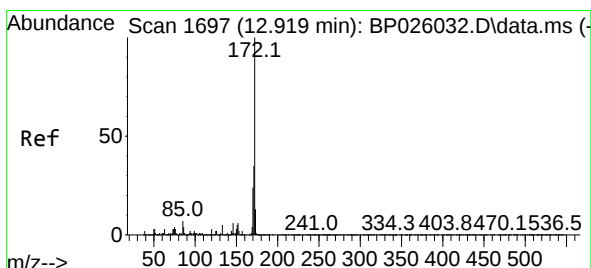
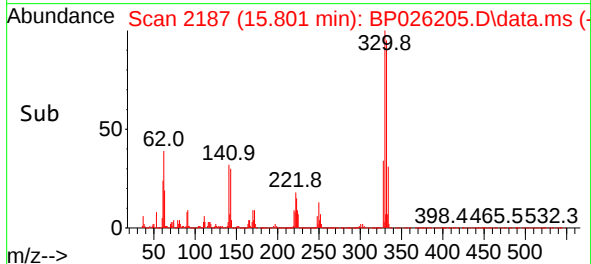
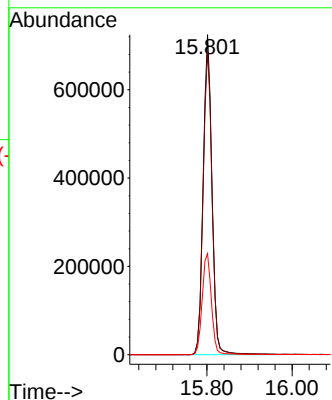
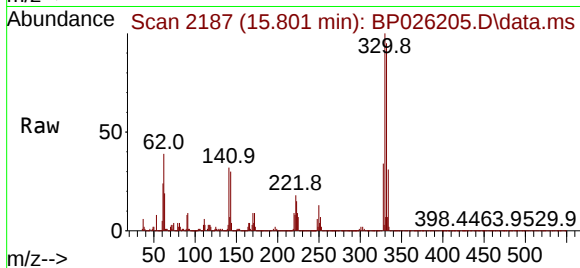
Tgt Ion:330 Resp: 1036484

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 33.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 105.636 ng

RT: 12.896 min Scan# 1693

Delta R.T. -0.035 min

Lab File: BP026205.D

Acq: 01 Dec 2025 20:43

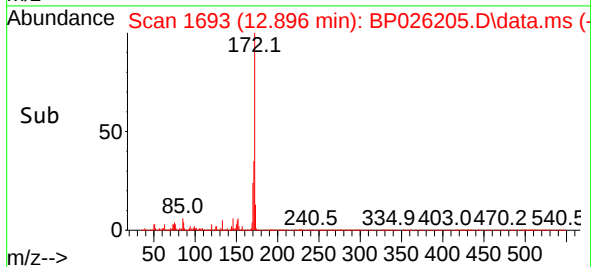
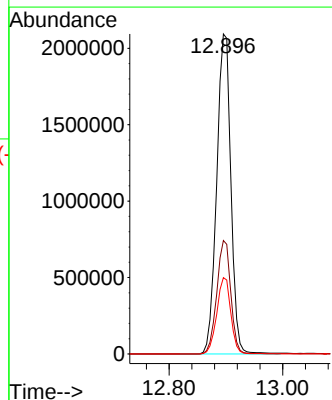
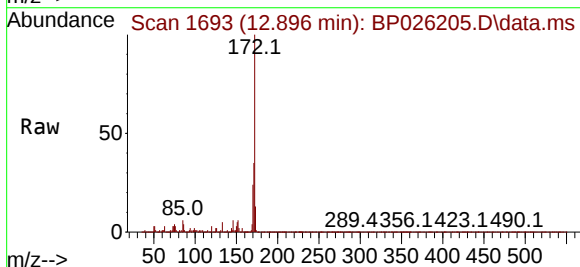
Tgt Ion:172 Resp: 3624092

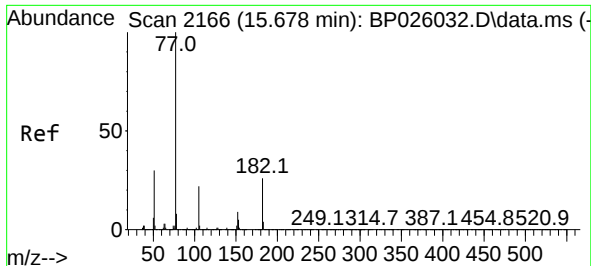
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.9 18.7 28.1

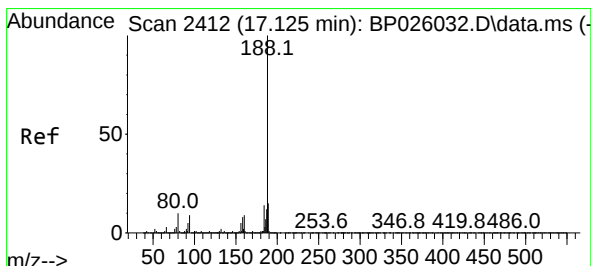
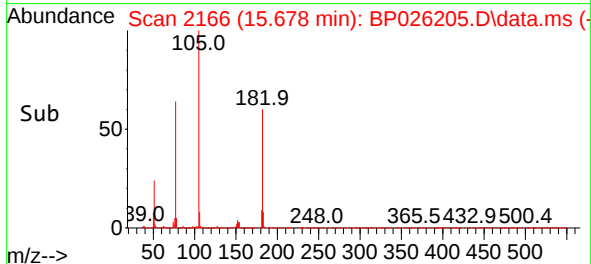
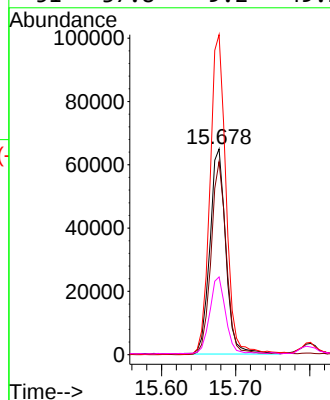
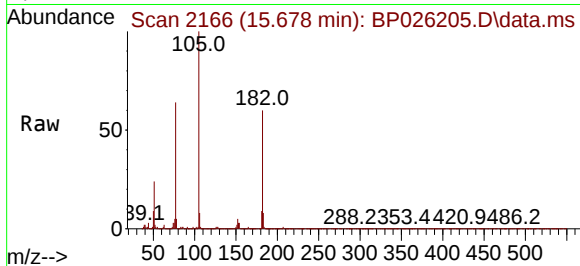




#63
Azobenzene
Concen: 3.052 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

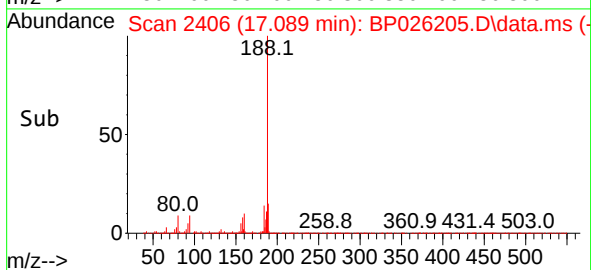
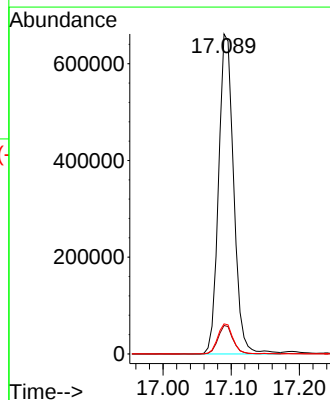
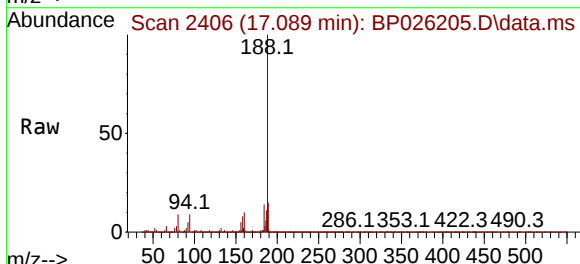
Instrument :
BNA_P
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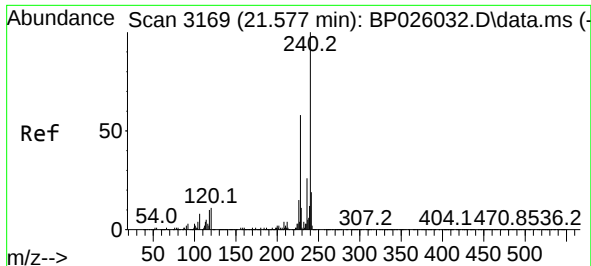
Tgt Ion: 77	Resp: 97356
Ion Ratio	Lower Upper
77 100	
182 93.9	8.8 48.8#
105 155.5	2.6 42.6#
51 37.8	9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2406
Delta R.T. -0.041 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

Tgt Ion:188	Resp: 1020122		
Ion Ratio	Lower	Upper	
188 100			
94 8.9	7.8	11.6	
80 9.4	8.2	12.2	

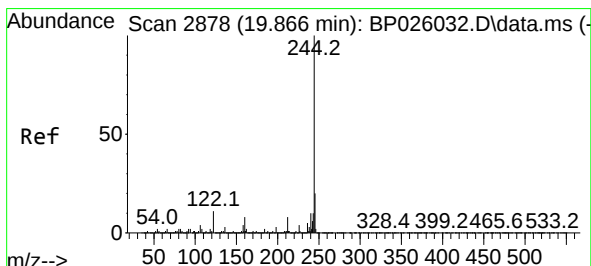
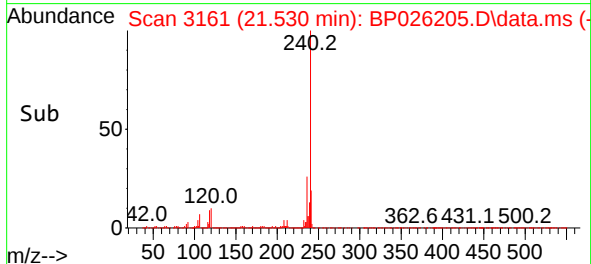
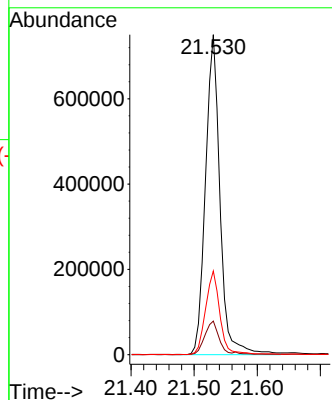
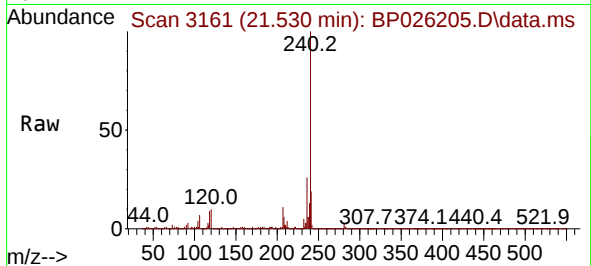




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3169
Delta R.T. -0.041 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

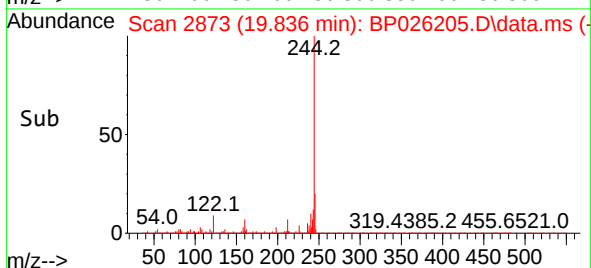
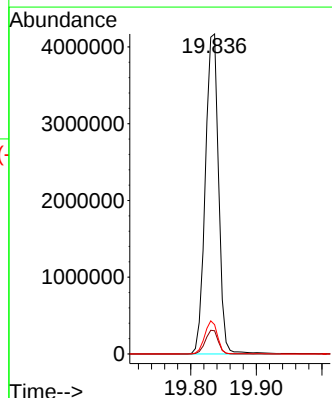
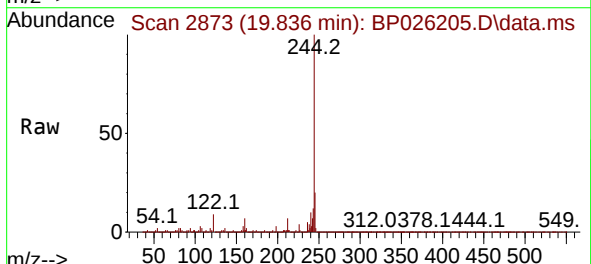
Instrument :
BNA_P
ClientSampleId :
MW3

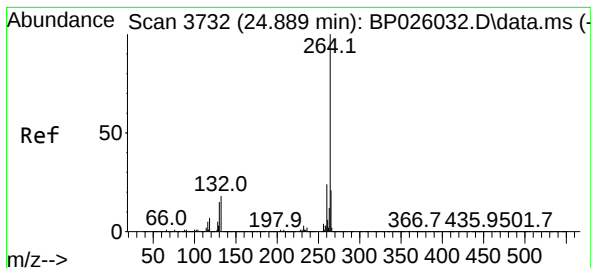
Tgt Ion:240 Resp: 1197544
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.1 20.4 30.6



#79
Terphenyl-d14
Concen: 99.995 ng
RT: 19.836 min Scan# 2873
Delta R.T. -0.035 min
Lab File: BP026205.D
Acq: 01 Dec 2025 20:43

Tgt Ion:244 Resp: 5872743
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.1 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.807 min Scan# 31

Delta R.T. -0.100 min

Lab File: BP026205.D

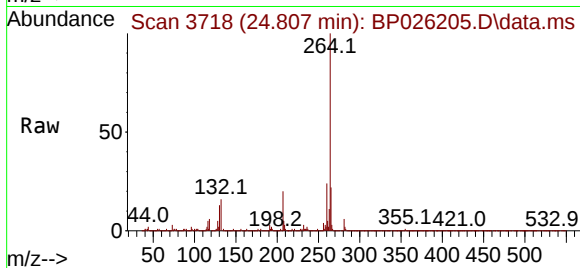
Acq: 01 Dec 2025 20:43

Instrument :

BNA_P

ClientSampleId :

MW3



Tgt Ion:264 Resp: 1381792

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.4 17.5 26.3

