

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
 Data File : BP026278.D
 Acq On : 10 Dec 2025 16:30
 Operator : RC/JU
 Sample : Q3814-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 10 16:52:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

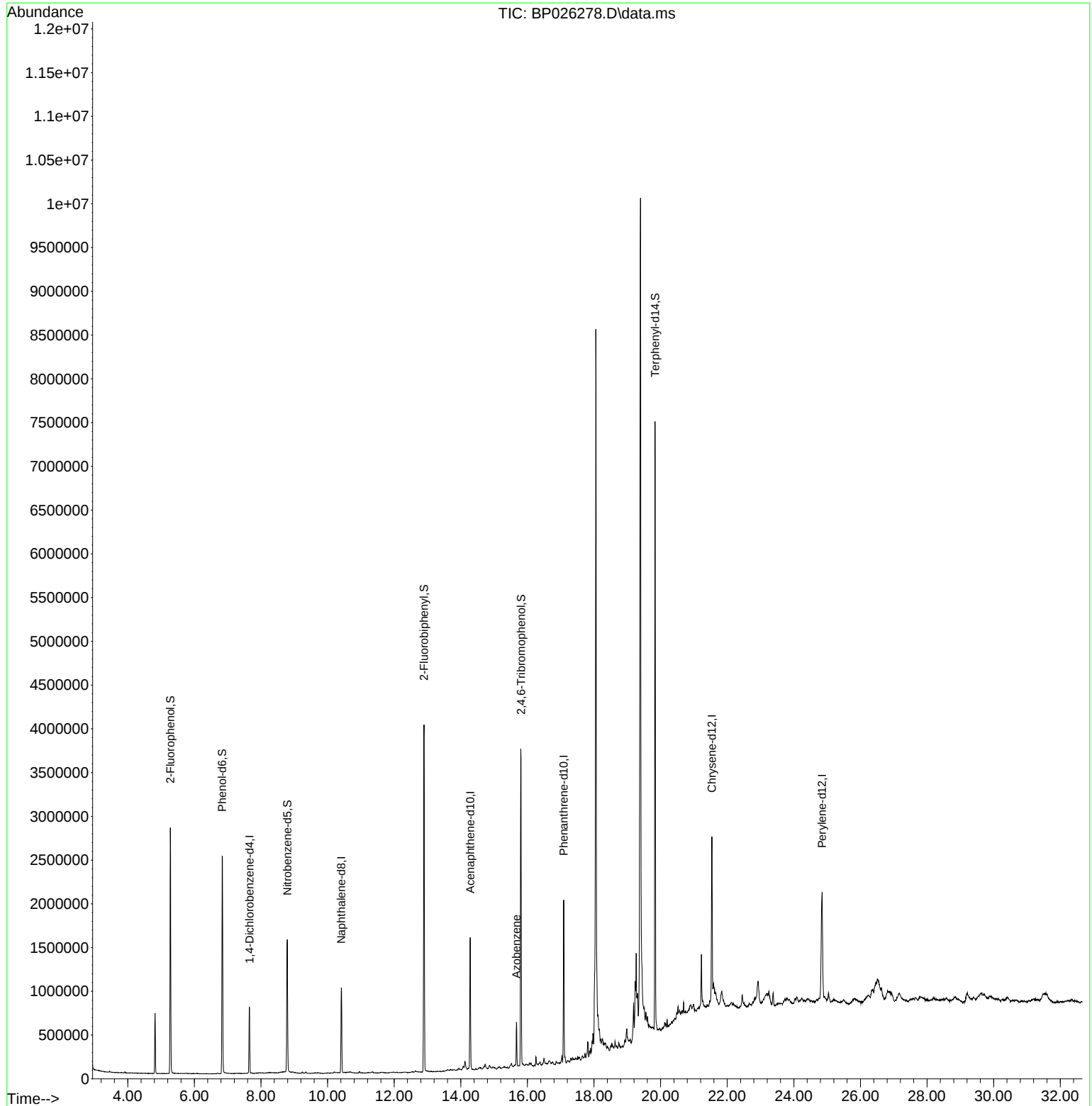
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	216228	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	851330	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	538586	20.000	ng	0.00
64) Phenanthrene-d10	17.090	188	1130210	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1218594	20.000	ng	0.00
86) Perylene-d12	24.848	264	1415918	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1273692	94.701	ng	0.00
7) Phenol-d6	6.837	99	1544257	90.961	ng	0.00
23) Nitrobenzene-d5	8.790	82	915246	61.194	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	787846	112.483	ng	0.00
45) 2-Fluorobiphenyl	12.896	172	2275079	61.414	ng	0.00
79) Terphenyl-d14	19.831	244	3630085	60.887	ng	0.00
Target Compounds						
63) Azobenzene	15.672	77	131408	3.883	ng	Qvalue # 1

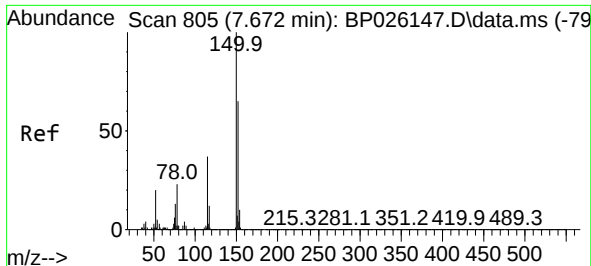
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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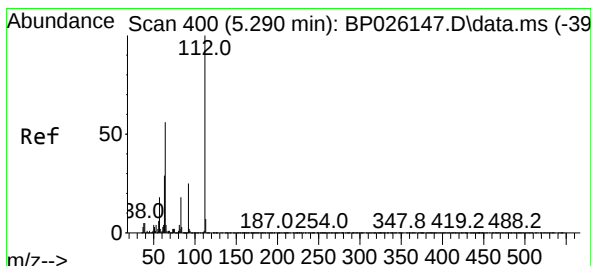
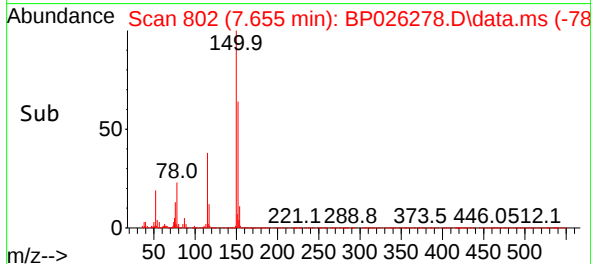
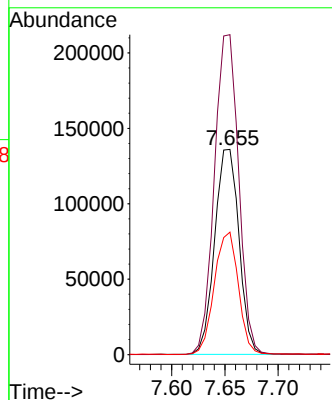
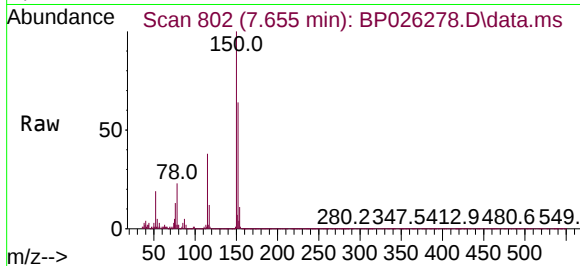




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

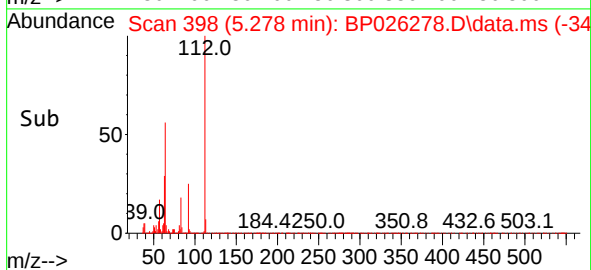
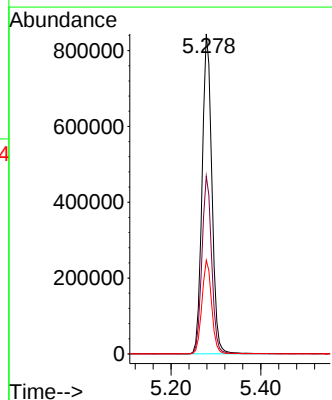
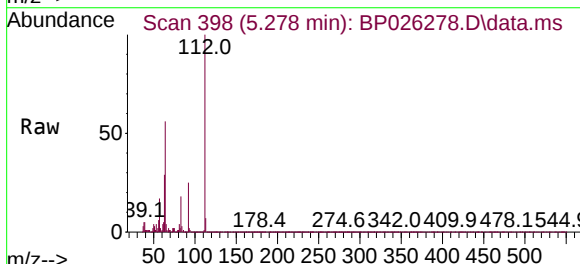
Instrument :
BNA_P
ClientSampleId :

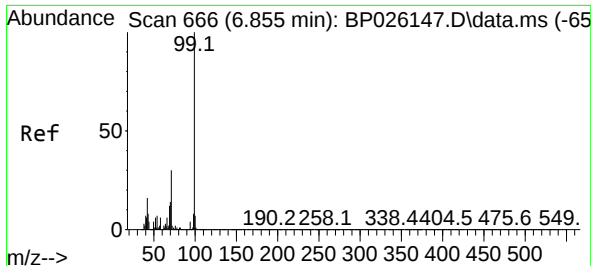
Tgt Ion:152 Resp: 216228
Ion Ratio Lower Upper
152 100
150 156.0 123.0 184.6
115 59.7 46.3 69.5



#5
2-Fluorophenol
Concen: 94.701 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

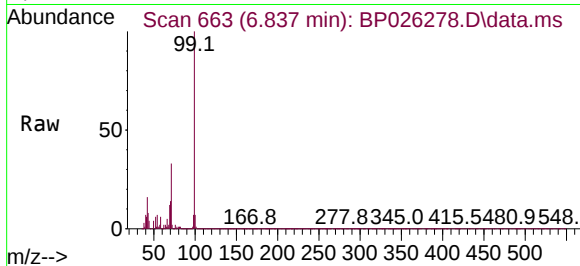
Tgt Ion:112 Resp: 1273692
Ion Ratio Lower Upper
112 100
64 55.5 45.8 68.6
63 29.3 23.5 35.3





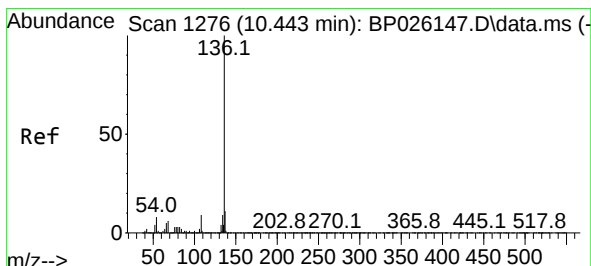
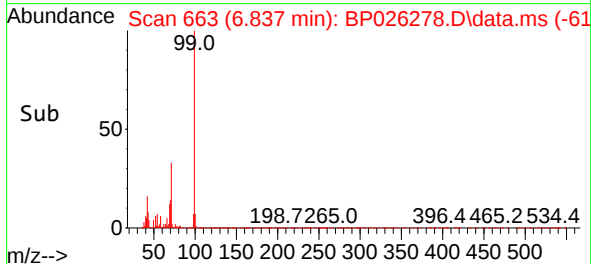
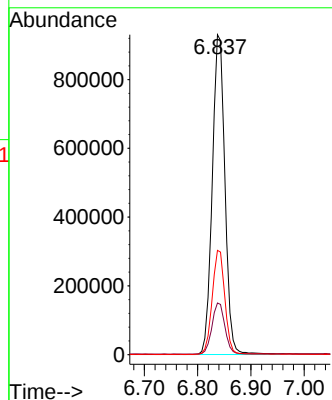
#7
Phenol-d6
Concen: 90.961 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 99 Resp: 1544257

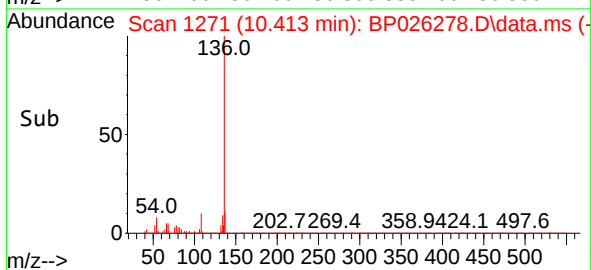
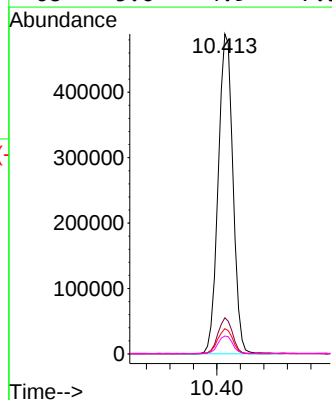
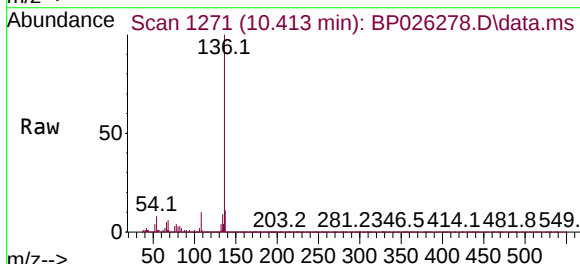
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.9	19.3
71	32.6	24.8	37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

Tgt Ion: 136 Resp: 851330

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.9	6.4	9.6
68	5.6	4.9	7.3

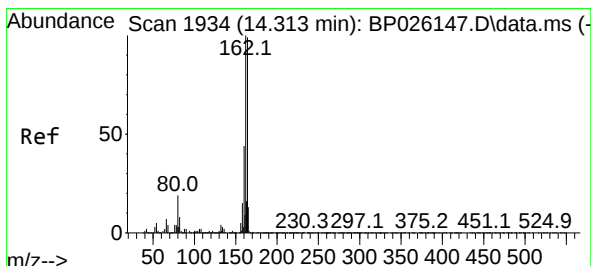
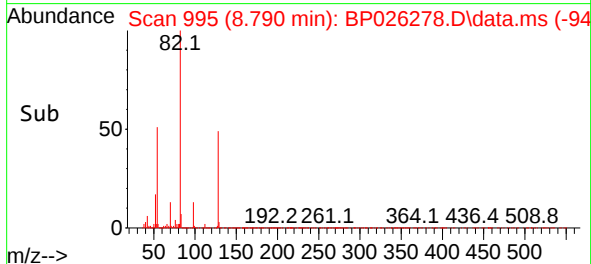
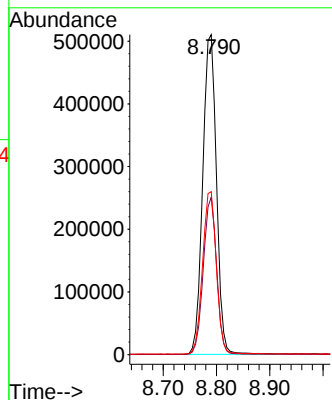
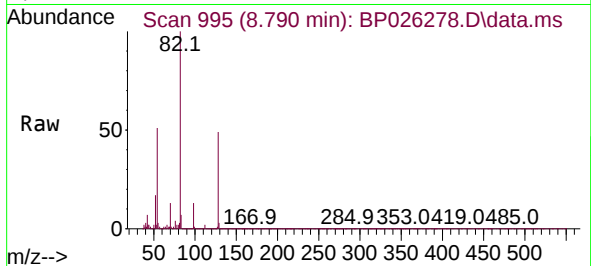




#23
Nitrobenzene-d5
Concen: 61.194 ng
RT: 8.790 min Scan# 999
Delta R.T. 0.000 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

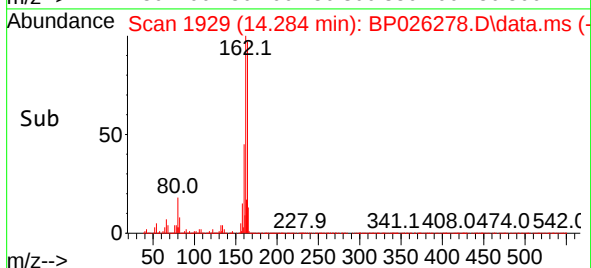
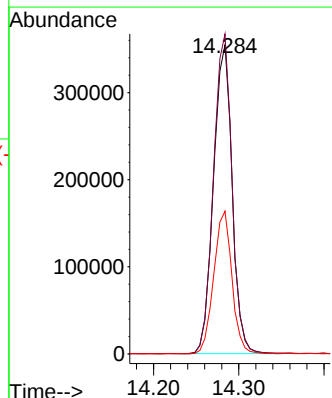
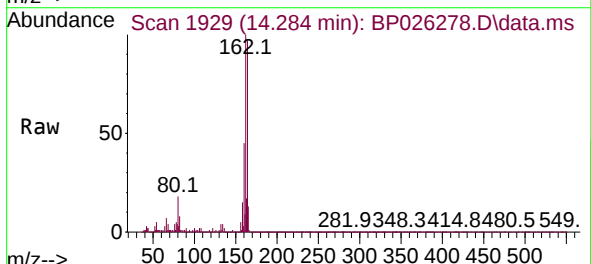
Instrument :
BNA_P
ClientSampleId :

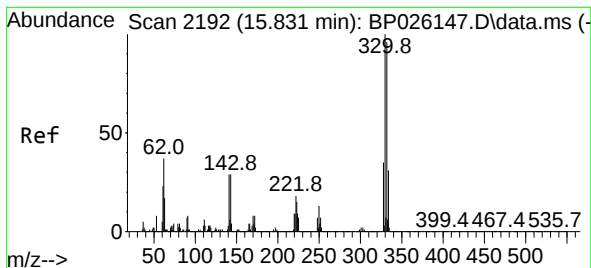
Tgt Ion: 82 Resp: 915246
Ion Ratio Lower Upper
82 100
128 49.2 37.4 56.0
54 50.9 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

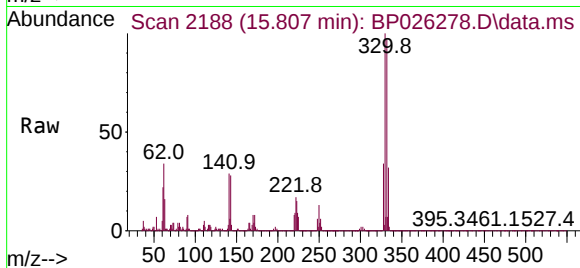
Tgt Ion:164 Resp: 538586
Ion Ratio Lower Upper
164 100
162 103.5 80.3 120.5
160 46.1 35.2 52.8



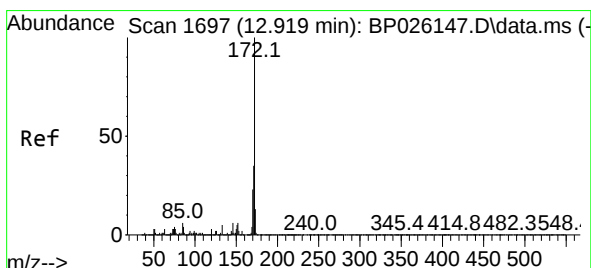
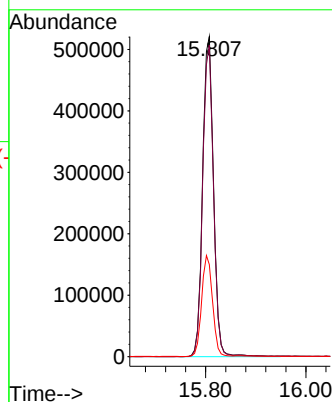
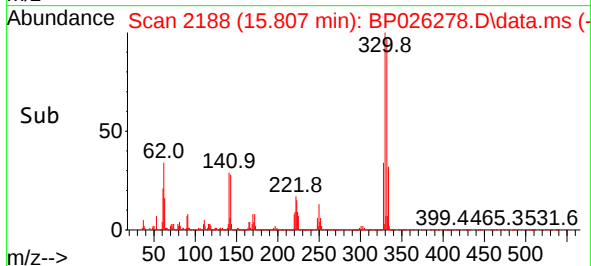


#42
2,4,6-Tribromophenol
Concen: 112.483 ng
RT: 15.807 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

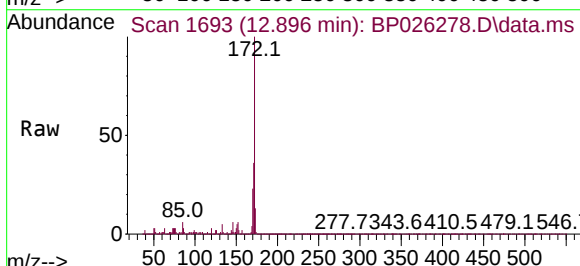
Instrument :
BNA_P
ClientSampleId :



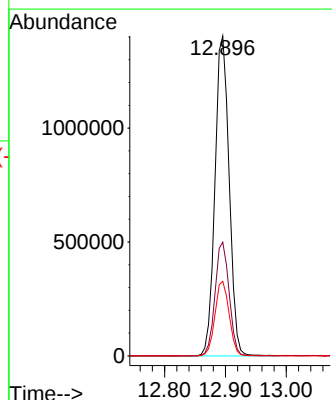
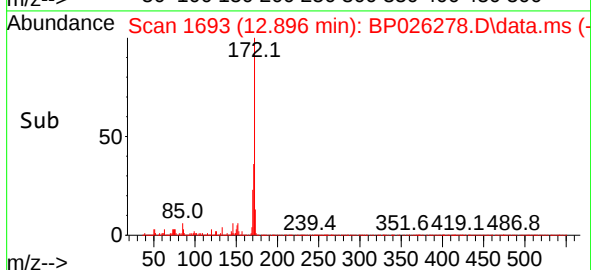
Tgt Ion:330 Resp: 787846
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 31.4 26.8 40.2

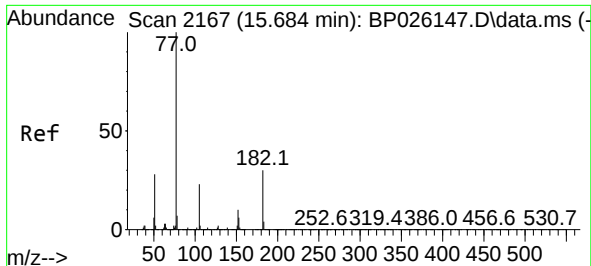


#45
2-Fluorobiphenyl
Concen: 61.414 ng
RT: 12.896 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30



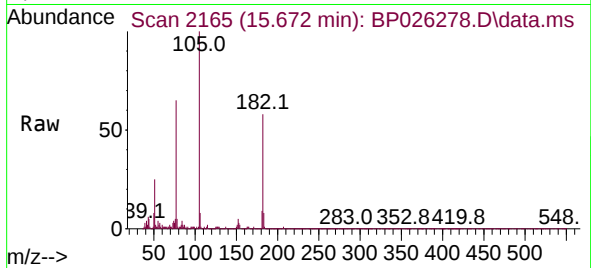
Tgt Ion:172 Resp: 2275079
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.3 18.7 28.1



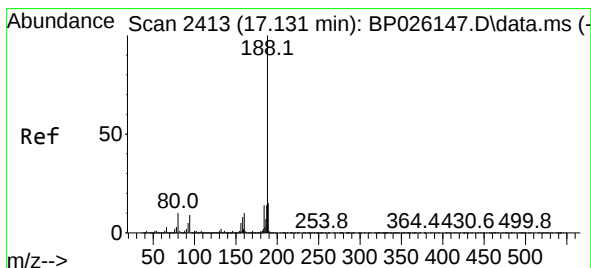
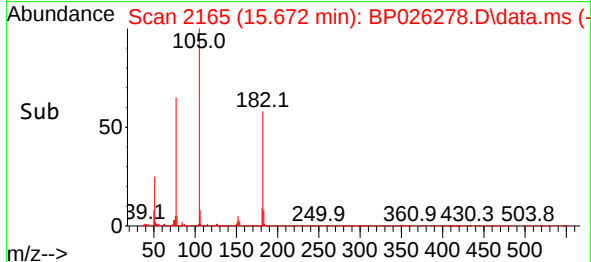
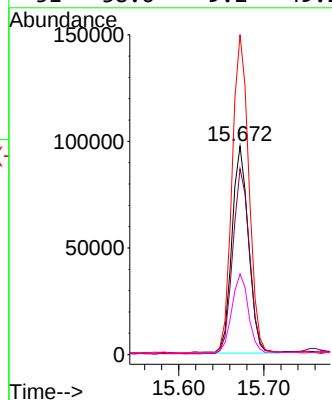


#63
Azobenzene
Concen: 3.883 ng
RT: 15.672 min Scan# 2167
Delta R.T. 0.018 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

Instrument :
BNA_P
ClientSampleId :

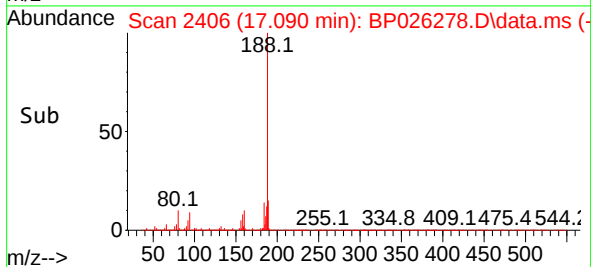
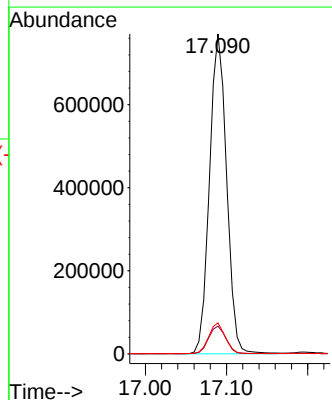
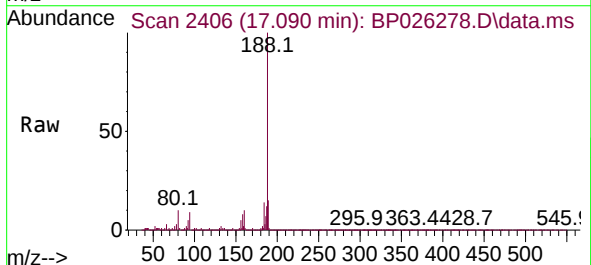


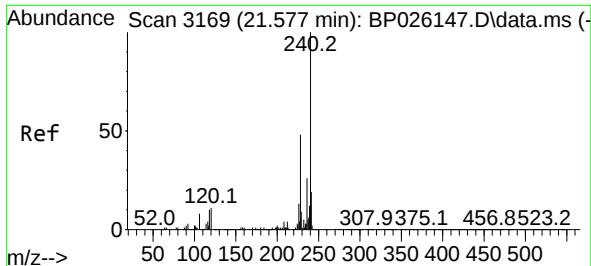
Tgt Ion: 77 Resp: 131408
Ion Ratio Lower Upper
77 100
182 89.2 8.8 48.8#
105 153.6 2.6 42.6#
51 38.6 9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.090 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

Tgt Ion:188 Resp: 1130210
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.7 8.2 12.2

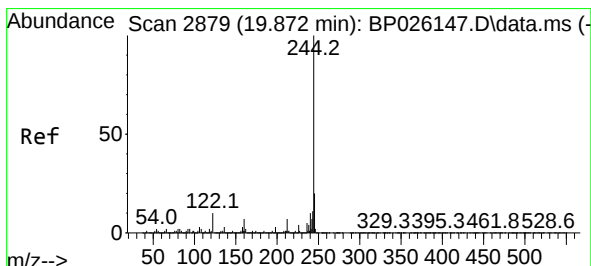
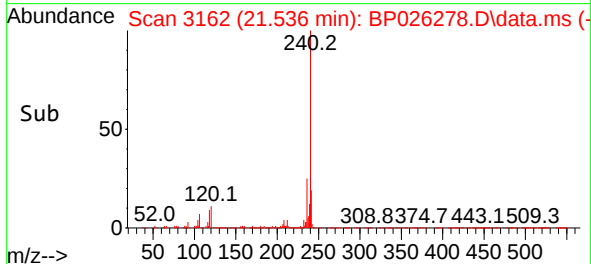
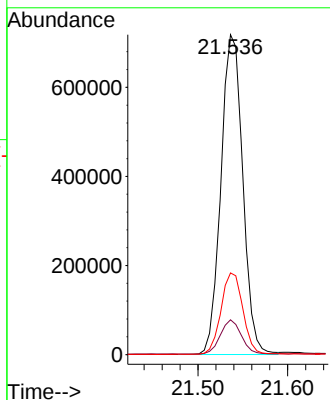
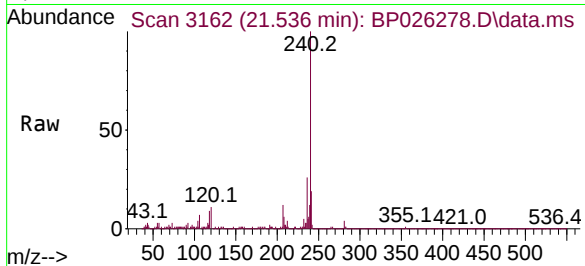




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

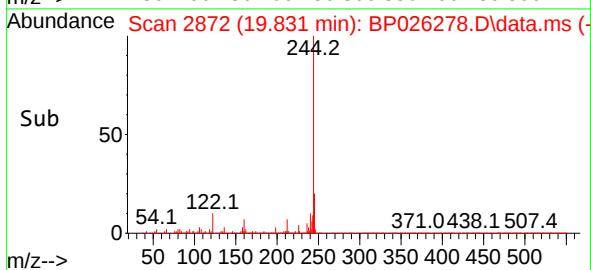
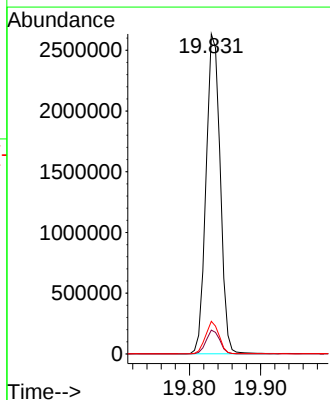
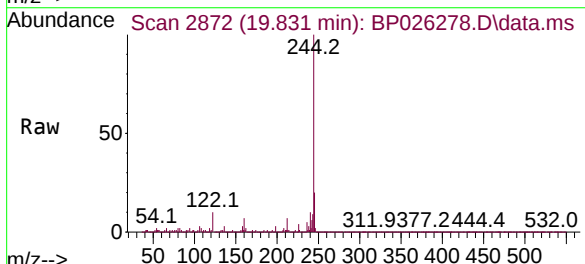
Instrument :
BNA_P
ClientSampleId :

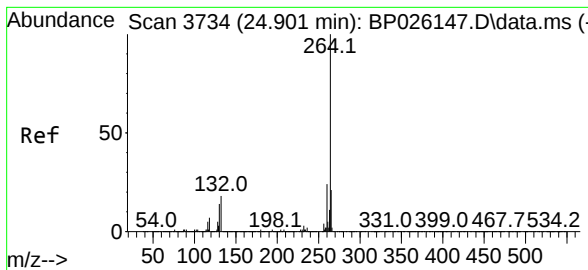
Tgt Ion:240 Resp: 1218594
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.5 20.4 30.6



#79
Terphenyl-d14
Concen: 60.887 ng
RT: 19.831 min Scan# 2872
Delta R.T. -0.006 min
Lab File: BP026278.D
Acq: 10 Dec 2025 16:30

Tgt Ion:244 Resp: 3630085
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.2 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.848 min Scan# 31
 Delta R.T. 0.024 min
 Lab File: BP026278.D
 Acq: 10 Dec 2025 16:30

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:264 Resp: 1415918
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.6 17.5 26.3

