

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
 Data File : BP026282.D
 Acq On : 10 Dec 2025 19:15
 Operator : RC/JU
 Sample : Q3821-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 11 03:07:33 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)

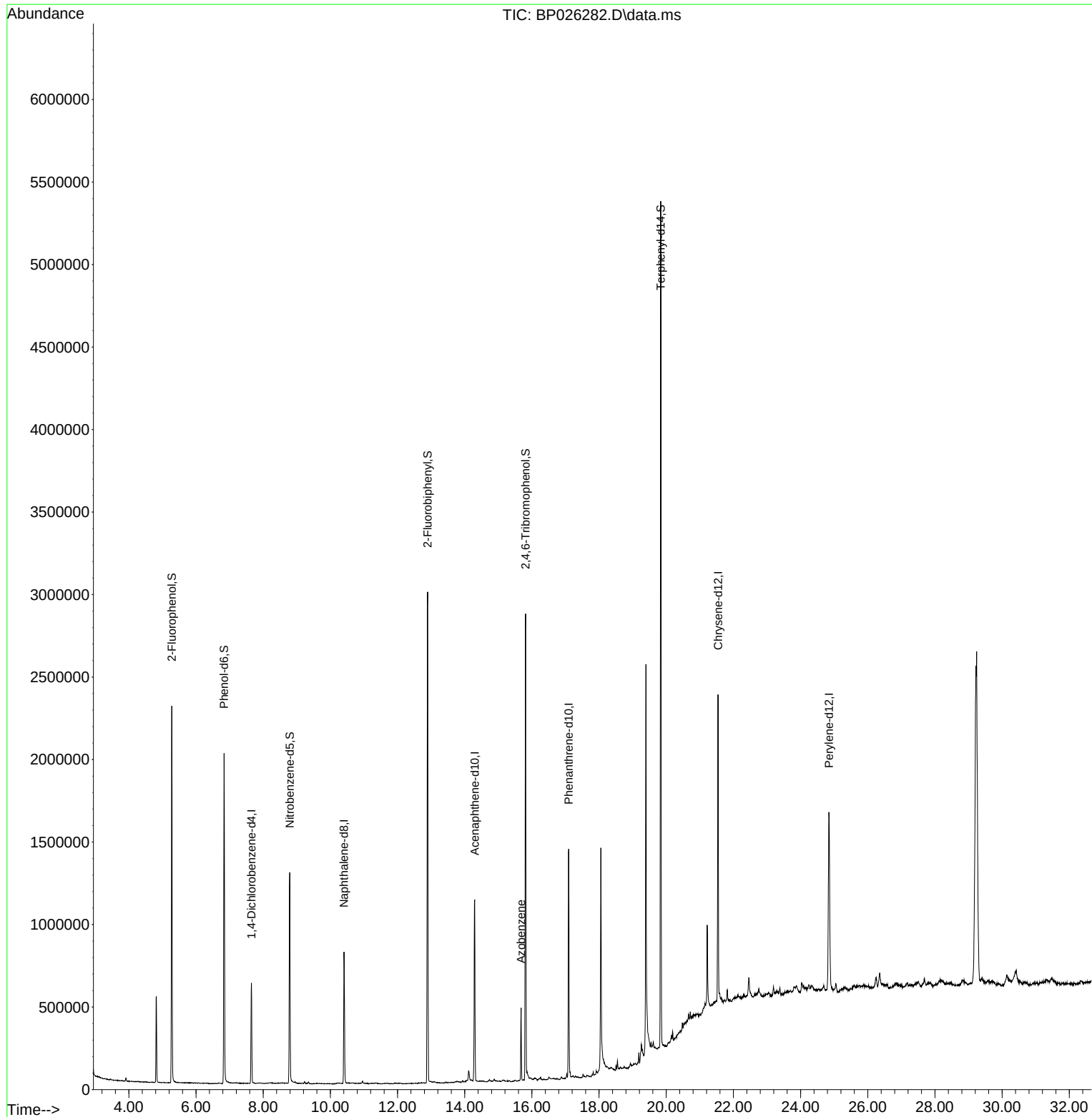
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	176837	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	699920	20.000	ng	-0.01
39) Acenaphthene-d10	14.295	164	446361	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	895403	20.000	ng	0.00
76) Chrysene-d12	21.542	240	994963	20.000	ng	0.00
86) Perylene-d12	24.842	264	1190280	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1007739	91.617	ng	0.00
7) Phenol-d6	6.837	99	1219845	87.857	ng	0.00
23) Nitrobenzene-d5	8.790	82	720734	58.613	ng	0.00
42) 2,4,6-Tribromophenol	15.813	330	568450	97.928	ng	0.00
45) 2-Fluorobiphenyl	12.896	172	1808360	58.902	ng	0.00
79) Terphenyl-d14	19.836	244	2890187	59.372	ng	0.00
Target Compounds						
63) Azobenzene	15.678	77	114182	4.071	ng	Qvalue # 1

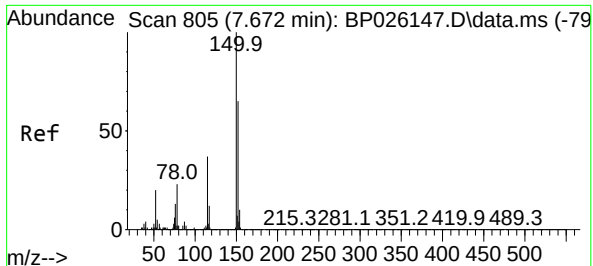
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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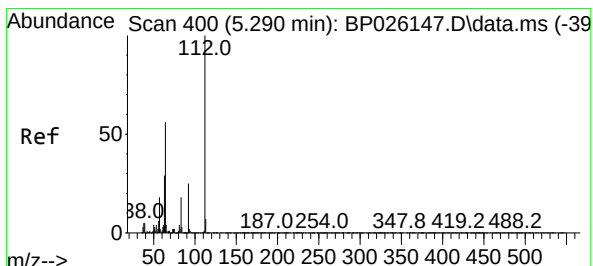
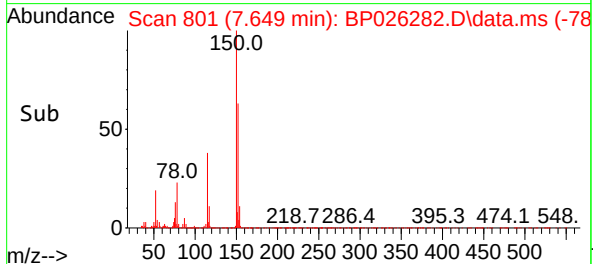
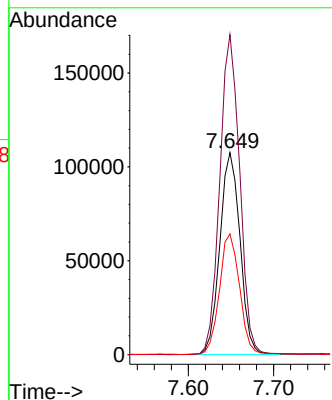
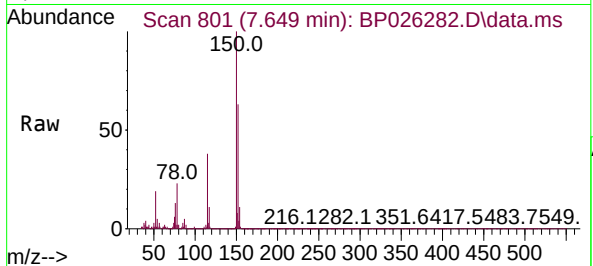




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026282.D
Acq: 10 Dec 2025 19:15

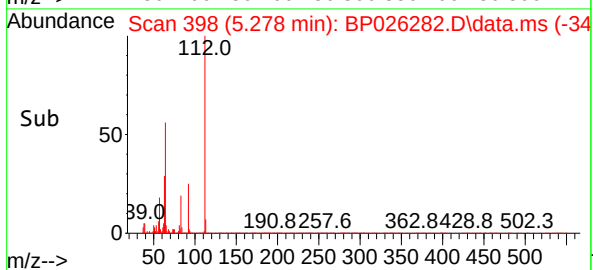
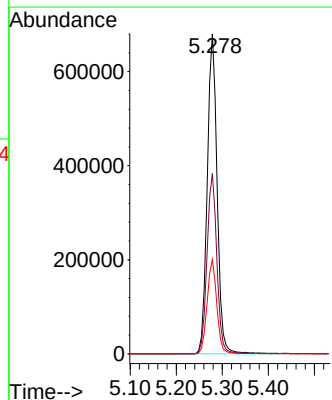
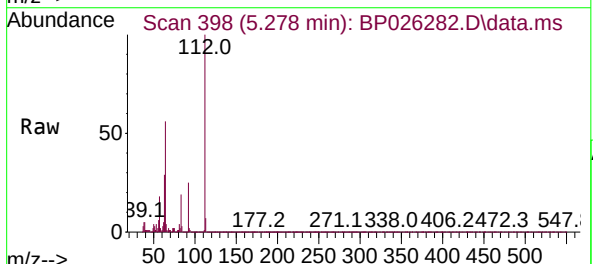
Instrument :
BNA_P
ClientSampleId :

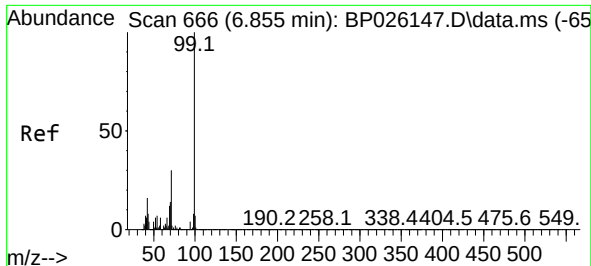
Tgt Ion:152 Resp: 176837
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.6
115 59.7 46.3 69.5



#5
2-Fluorophenol
Concen: 91.617 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026282.D
Acq: 10 Dec 2025 19:15

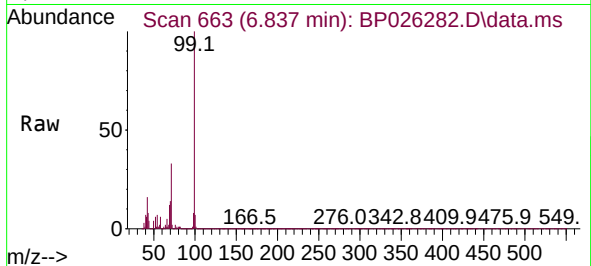
Tgt Ion:112 Resp: 1007739
Ion Ratio Lower Upper
112 100
64 56.4 45.8 68.6
63 29.4 23.5 35.3



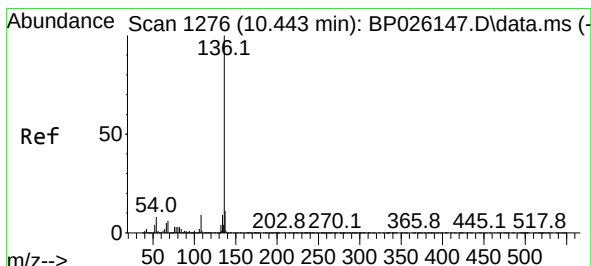
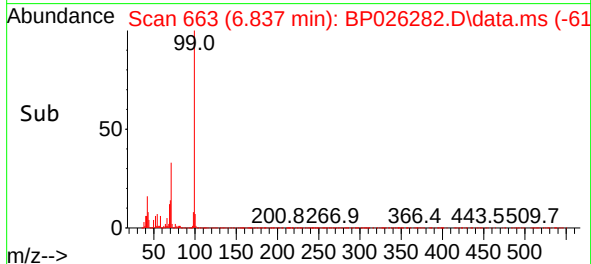
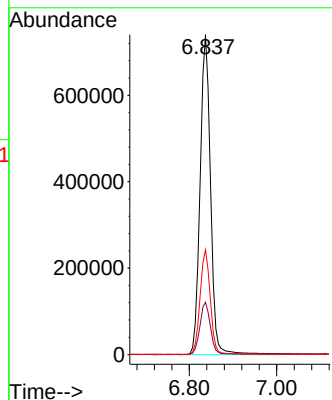


#7
Phenol-d6
Concen: 87.857 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026282.D
Acq: 10 Dec 2025 19:15

Instrument :
BNA_P
ClientSampleId :

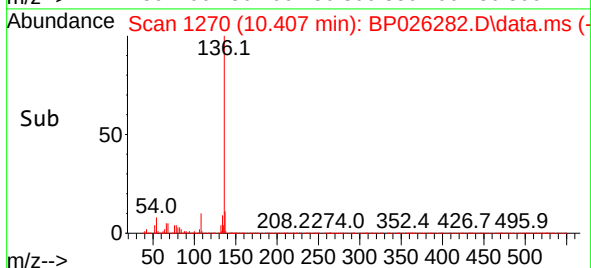
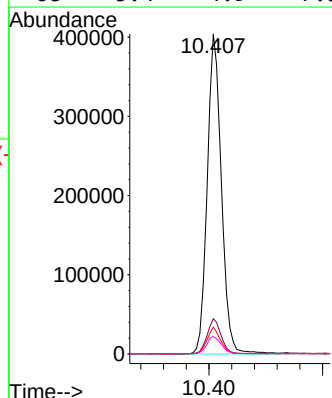
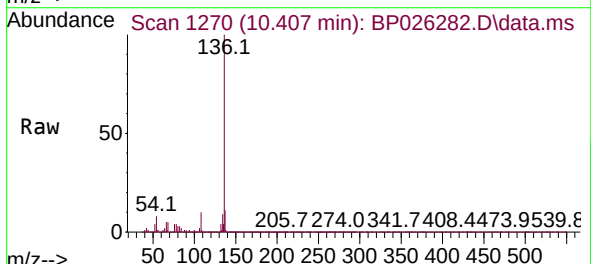


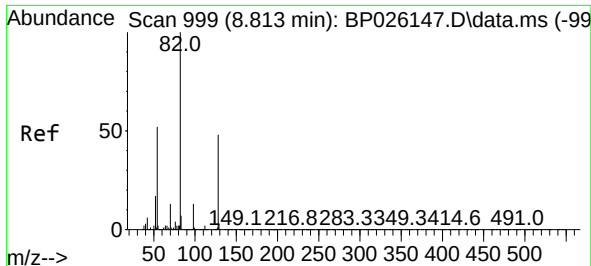
Tgt Ion: 99 Resp: 1219845
Ion Ratio Lower Upper
99 100
42 16.4 12.9 19.3
71 32.8 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026282.D
Acq: 10 Dec 2025 19:15

Tgt Ion: 136 Resp: 699920
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.4 6.4 9.6
68 5.4 4.9 7.3

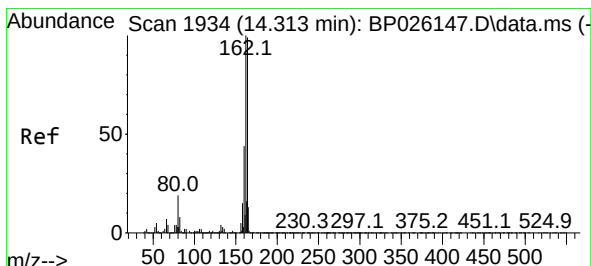
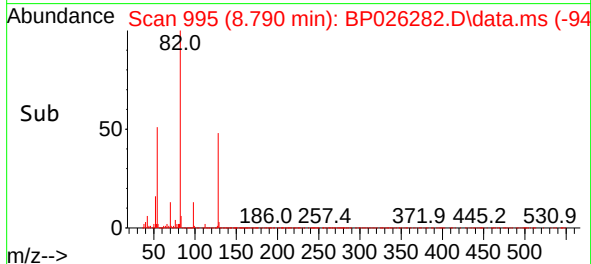
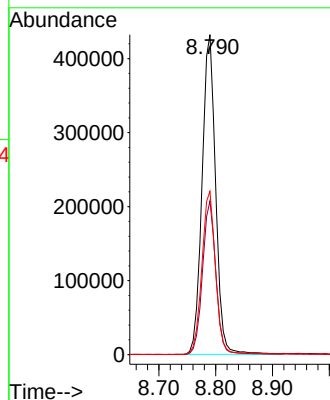
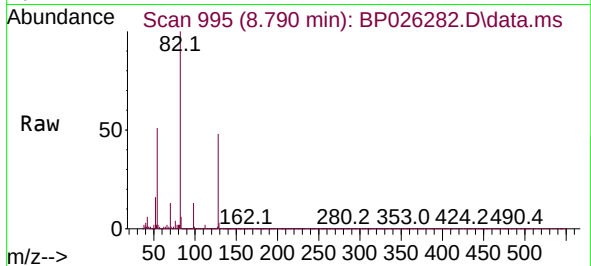




#23
Nitrobenzene-d5
Concen: 58.613 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026282.D
Acq: 10 Dec 2025 19:15

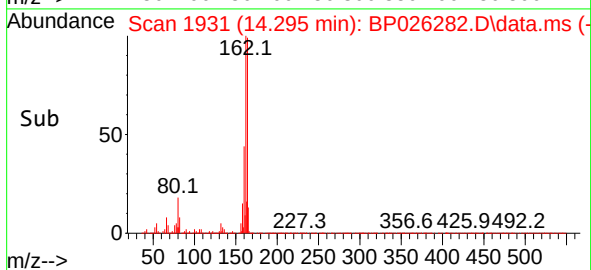
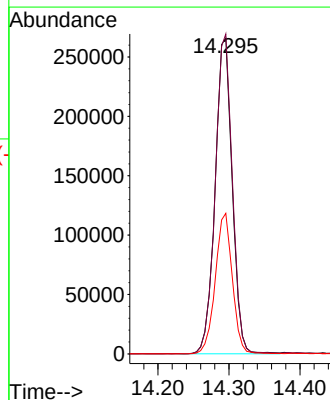
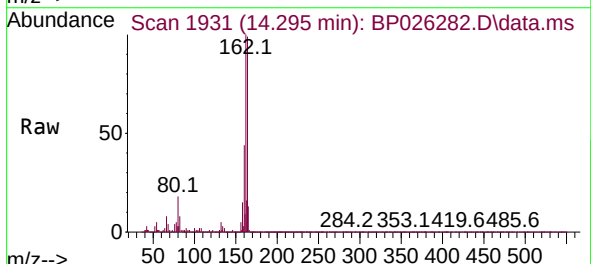
Instrument :
BNA_P
ClientSampleId :

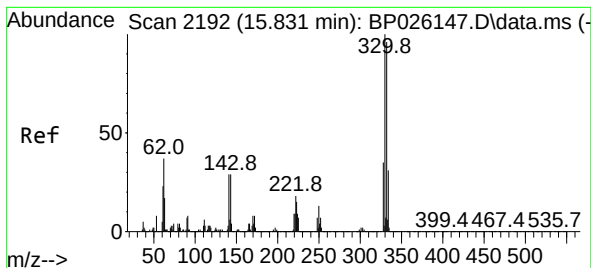
Tgt Ion: 82 Resp: 720734
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.0
54 51.0 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.295 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BP026282.D
Acq: 10 Dec 2025 19:15

Tgt Ion:164 Resp: 446361
Ion Ratio Lower Upper
164 100
162 101.3 80.3 120.5
160 44.5 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 97.928 ng

RT: 15.813 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026282.D

Acq: 10 Dec 2025 19:15

Instrument :

BNA_P

ClientSampleId :

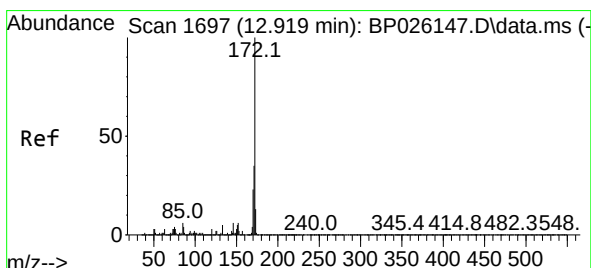
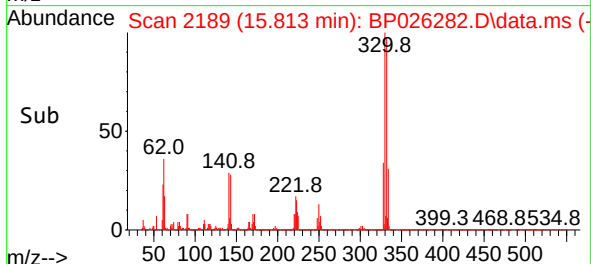
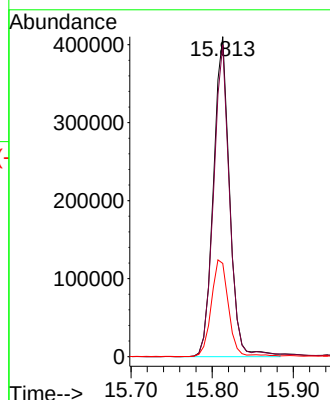
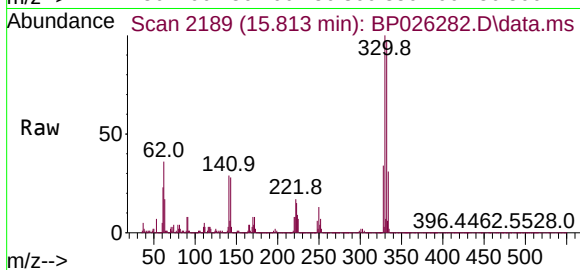
Tgt Ion:330 Resp: 568450

Ion Ratio Lower Upper

330 100

332 97.4 78.0 117.0

141 31.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 58.902 ng

RT: 12.896 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP026282.D

Acq: 10 Dec 2025 19:15

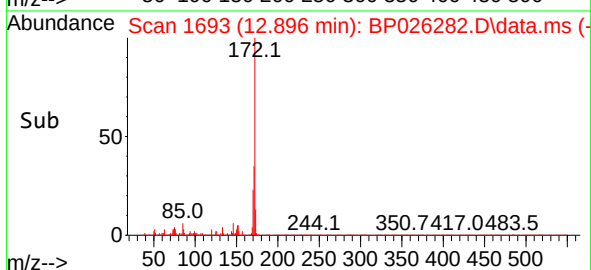
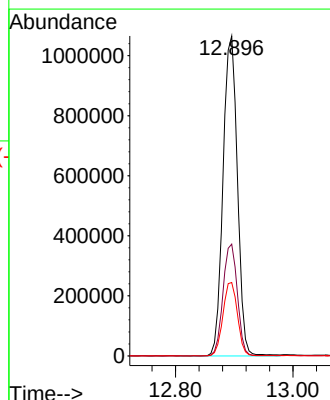
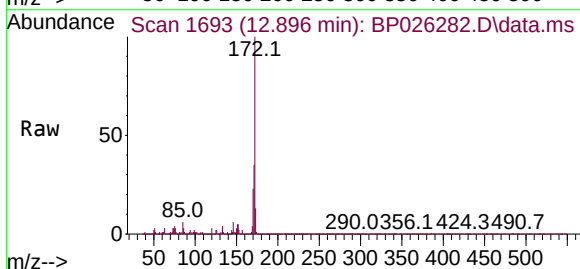
Tgt Ion:172 Resp: 1808360

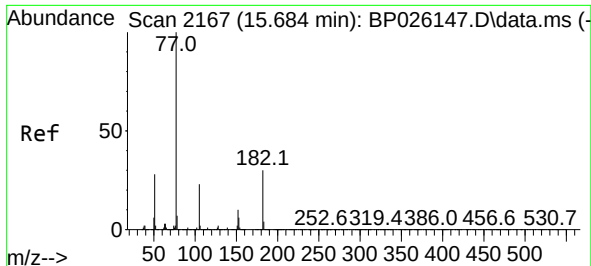
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 22.9 18.7 28.1

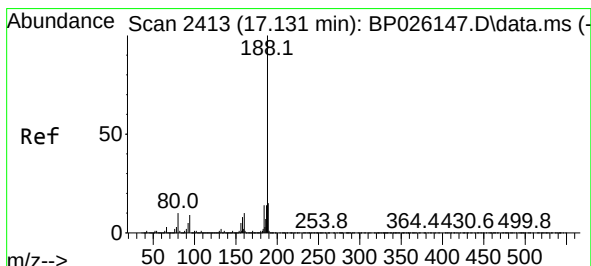
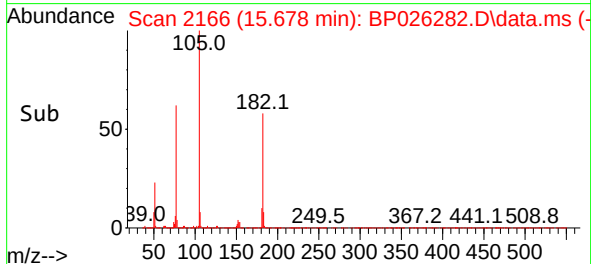
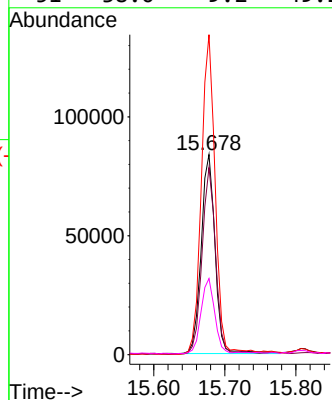
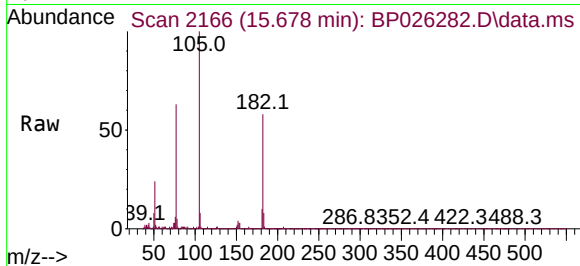




#63
Azobenzene
Concen: 4.071 ng
RT: 15.678 min Scan# 2167
Delta R.T. 0.023 min
Lab File: BP026282.D
Acq: 10 Dec 2025 19:15

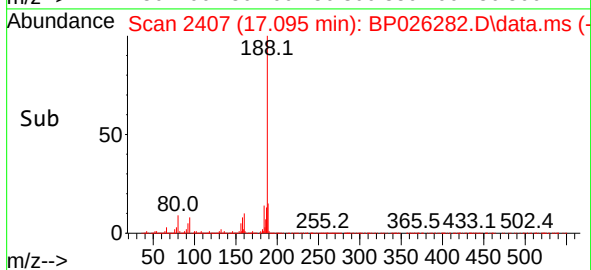
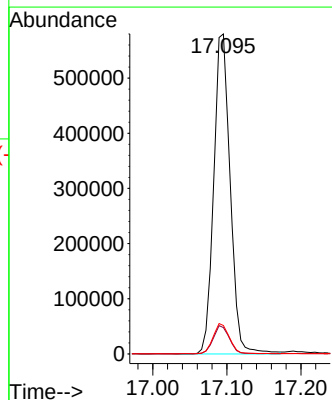
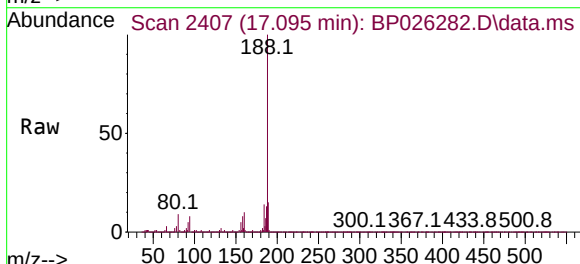
Instrument :
BNA_P
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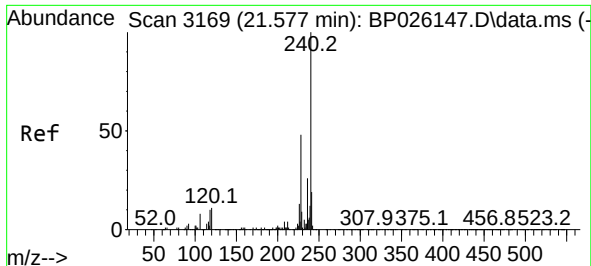
Tgt Ion: 77	Resp: 114182
Ion Ratio	Lower Upper
77 100	
182 93.6	8.8 48.8#
105 160.0	2.6 42.6#
51 38.0	9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP026282.D
Acq: 10 Dec 2025 19:15

Tgt Ion: 188	Resp: 895403
Ion Ratio	Lower Upper
188 100	
94 8.2	7.8 11.6
80 8.9	8.2 12.2

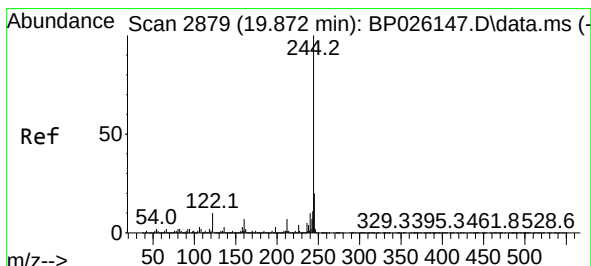
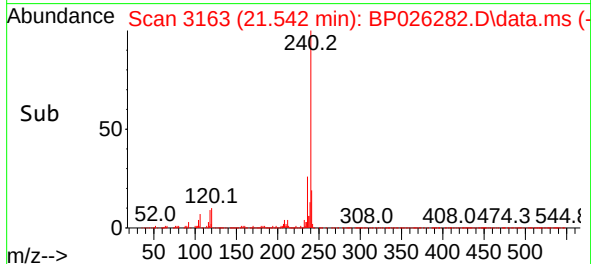
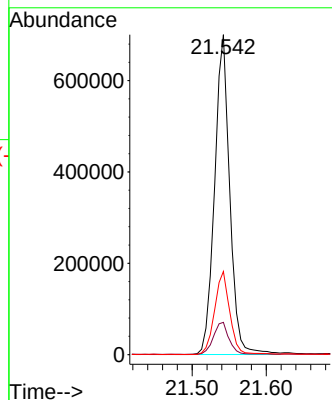
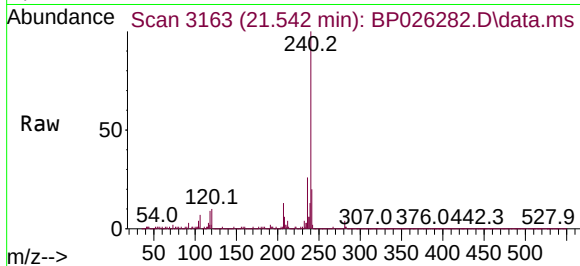




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.006 min
Lab File: BP026282.D
Acq: 10 Dec 2025 19:15

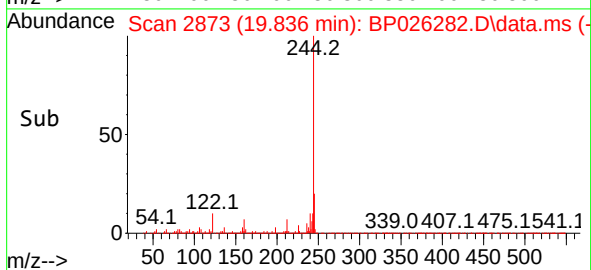
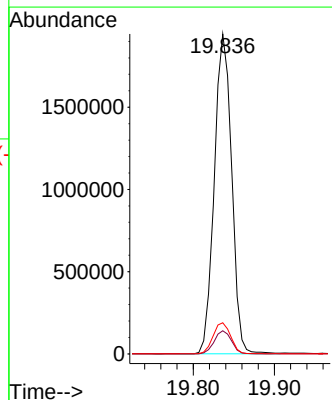
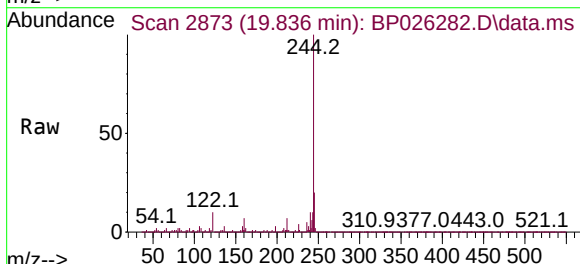
Instrument :
BNA_P
ClientSampleId :

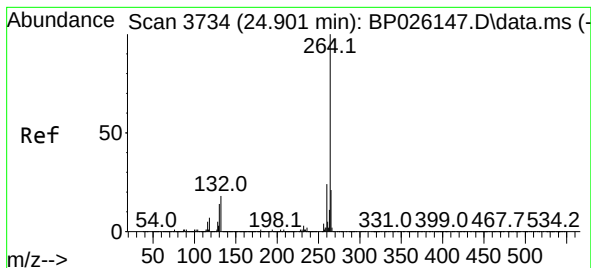
Tgt Ion:240 Resp: 994963
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 26.0 20.4 30.6



#79
Terphenyl-d14
Concen: 59.372 ng
RT: 19.836 min Scan# 2873
Delta R.T. -0.000 min
Lab File: BP026282.D
Acq: 10 Dec 2025 19:15

Tgt Ion:244 Resp: 2890187
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.7 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.842 min Scan# 31

Delta R.T. 0.018 min

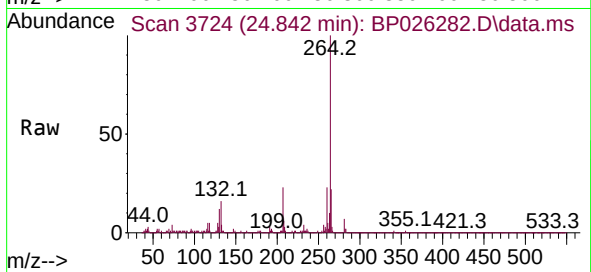
Lab File: BP026282.D

Acq: 10 Dec 2025 19:15

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:264 Resp: 1190280

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 22.0 17.5 26.3

