

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
 Data File : BP026310.D
 Acq On : 12 Dec 2025 12:53
 Operator : RC/JU
 Sample : Q3839-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AM5

Quant Time: Dec 12 13:14:02 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)

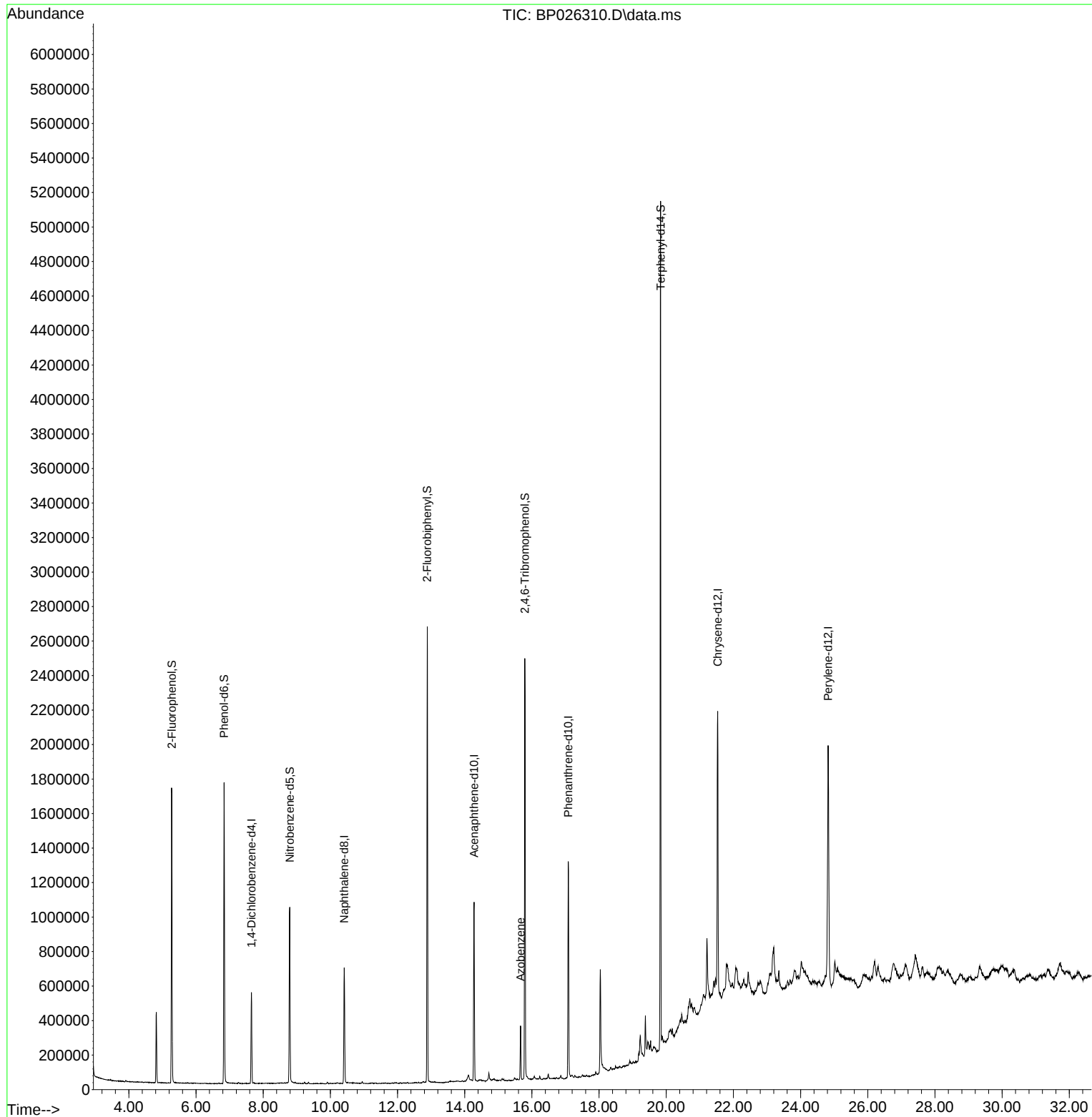
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	152582	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	607627	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	400837	20.000	ng	-0.01
64) Phenanthrene-d10	17.083	188	853435	20.000	ng	-0.01
76) Chrysene-d12	21.530	240	1080137	20.000	ng	0.00
86) Perylene-d12	24.818	264	1356846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	794113	83.672	ng	0.00
7) Phenol-d6	6.837	99	983914	82.130	ng	0.00
23) Nitrobenzene-d5	8.790	82	578702	54.211	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	499846	95.889	ng	-0.02
45) 2-Fluorobiphenyl	12.884	172	1392770	50.517	ng	-0.02
79) Terphenyl-d14	19.830	244	2529357	47.863	ng	0.00
Target Compounds						
63) Azobenzene	15.660	77	91013	3.613	ng	Qvalue # 1

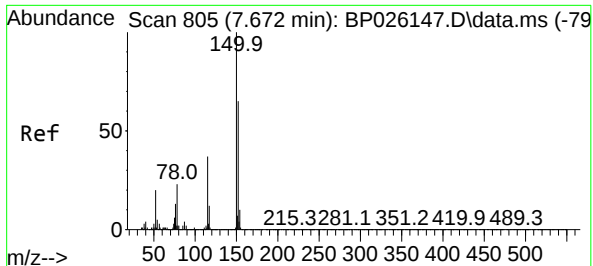
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026310.D
Acq On : 12 Dec 2025 12:53
Operator : RC/JU
Sample : Q3839-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AM5

Quant Time: Dec 12 13:14:02 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

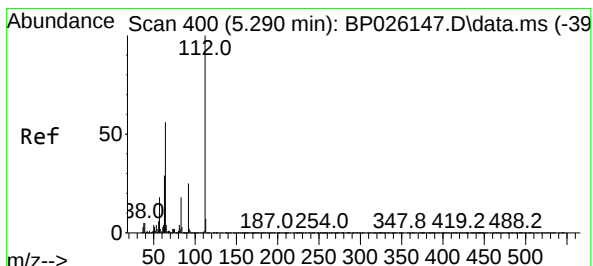
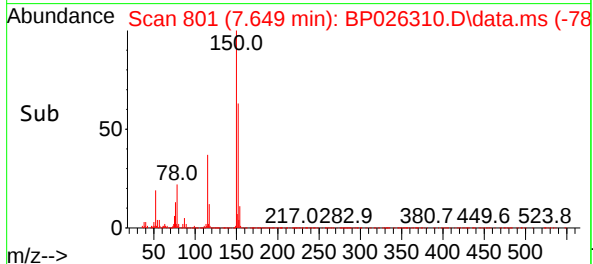
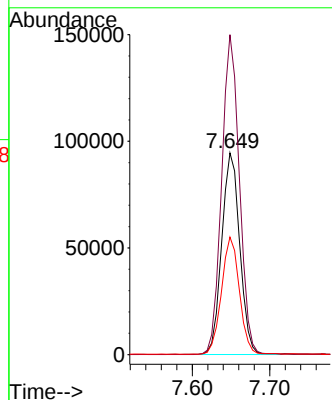
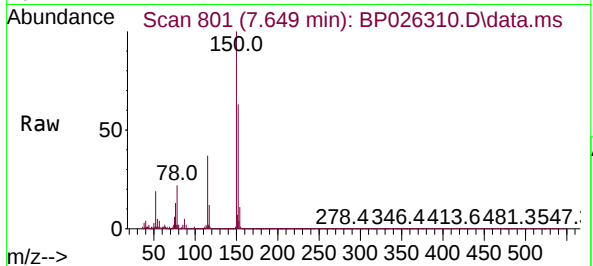




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

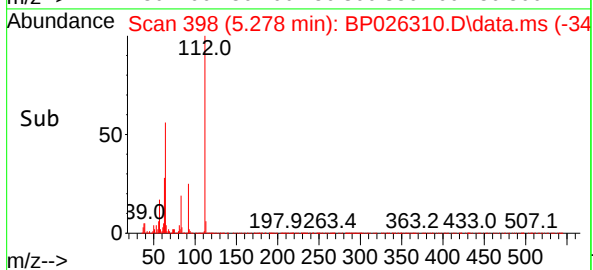
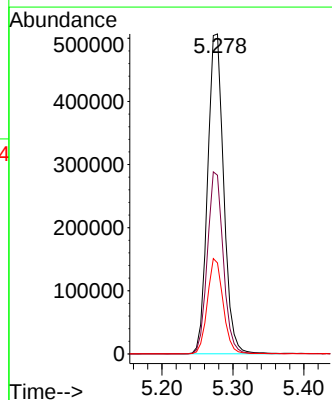
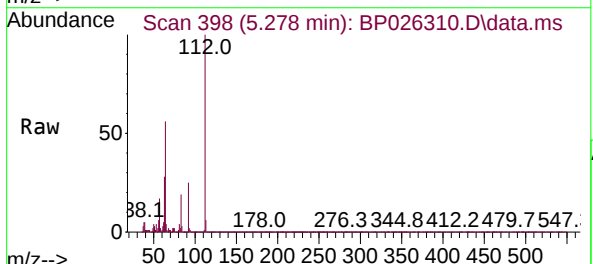
Instrument :
BNA_P
ClientSampleId :
C0AM5

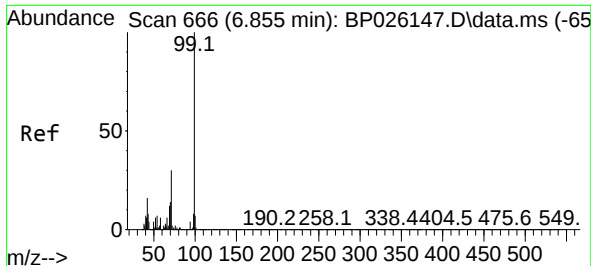
Tgt Ion:152 Resp: 152582
Ion Ratio Lower Upper
152 100
150 158.6 123.0 184.6
115 58.3 46.3 69.5



#5
2-Fluorophenol
Concen: 83.672 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion:112 Resp: 794113
Ion Ratio Lower Upper
112 100
64 55.8 45.8 68.6
63 28.4 23.5 35.3

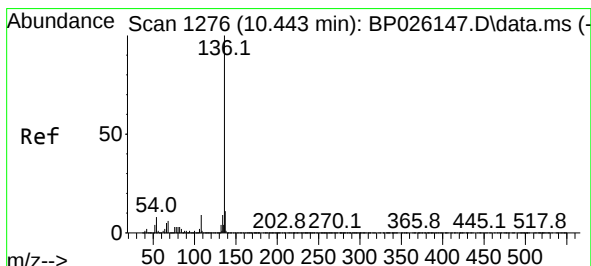
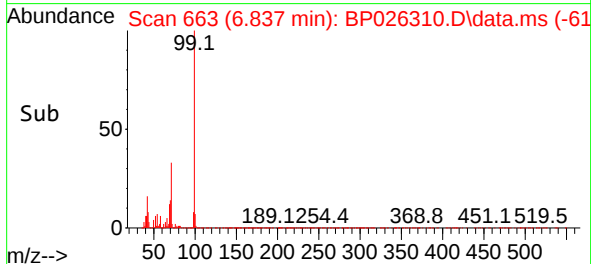
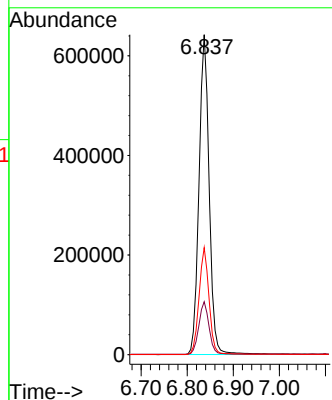
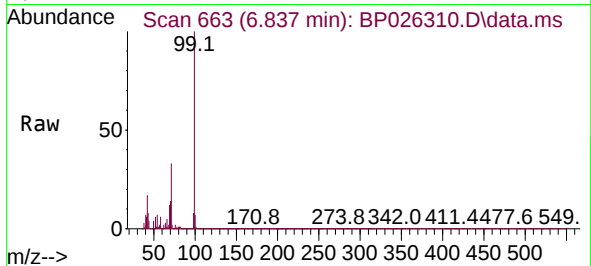




#7
Phenol-d6
Concen: 82.130 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

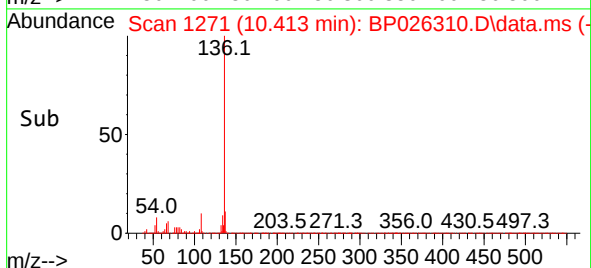
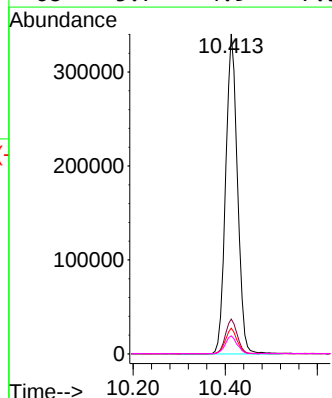
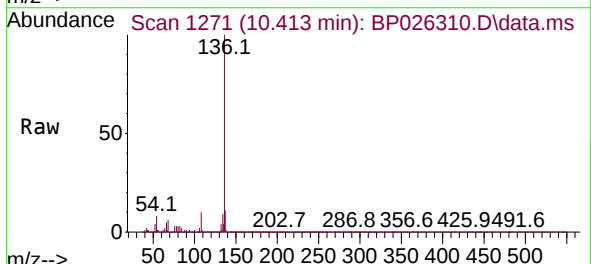
Instrument :
BNA_P
ClientSampleId :
COAM5

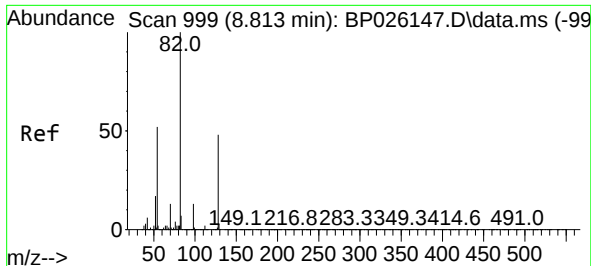
Tgt Ion: 99 Resp: 983914
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 33.5 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion: 136 Resp: 607627
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.0 6.4 9.6
68 5.7 4.9 7.3

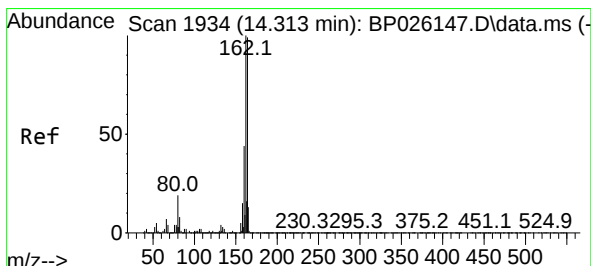
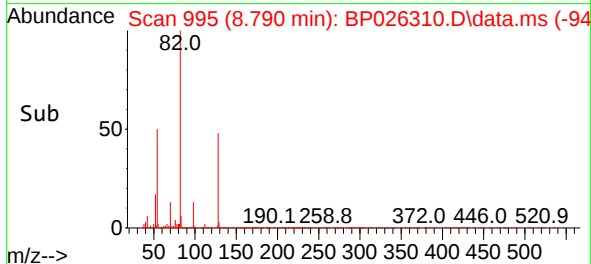
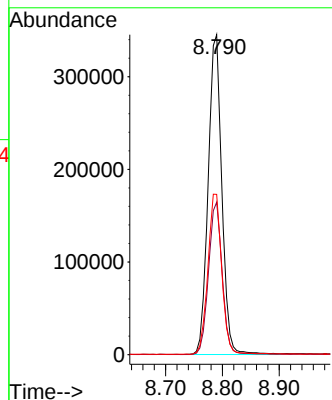
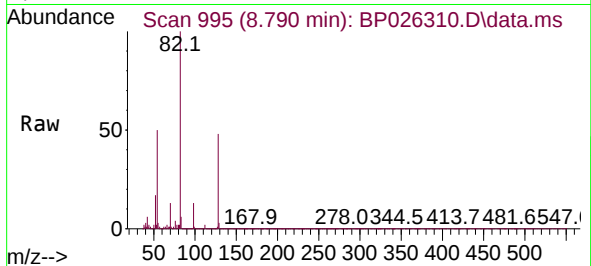




#23
Nitrobenzene-d5
Concen: 54.211 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

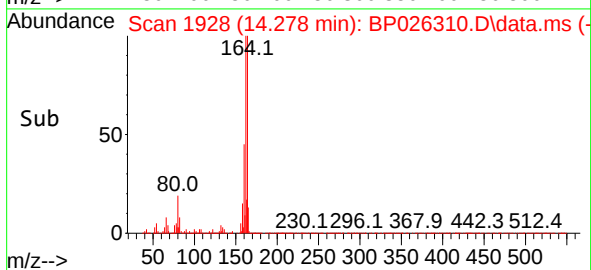
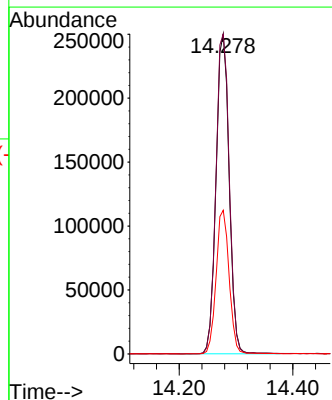
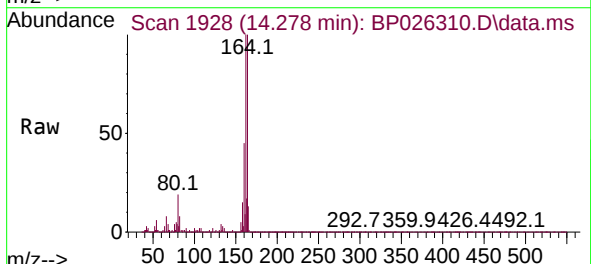
Instrument :
BNA_P
ClientSampleId :
COAM5

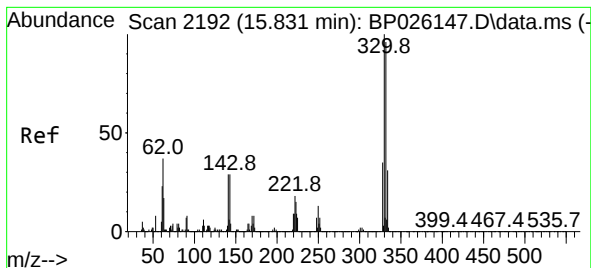
Tgt Ion: 82 Resp: 578702
Ion Ratio Lower Upper
82 100
128 47.6 37.4 56.0
54 50.1 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion:164 Resp: 400837
Ion Ratio Lower Upper
164 100
162 100.1 80.3 120.5
160 44.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 95.889 ng

RT: 15.789 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP026310.D

Acq: 12 Dec 2025 12:53

Instrument :

BNA_P

ClientSampleId :

COAM5

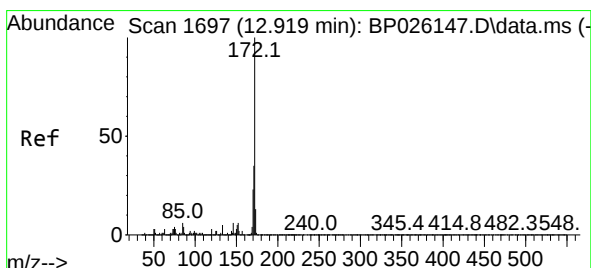
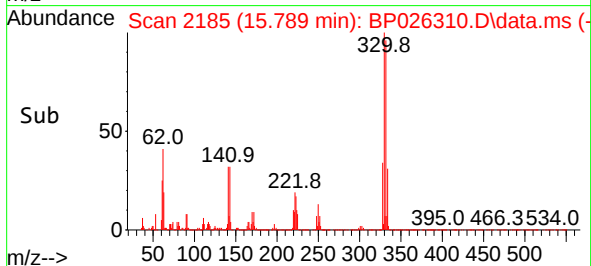
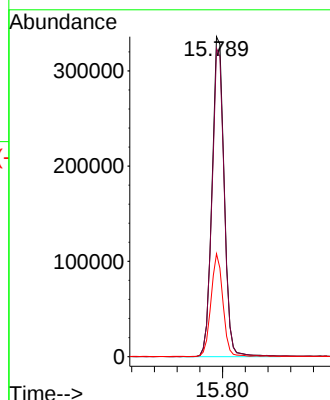
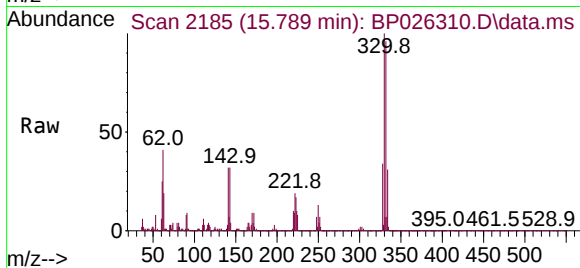
Tgt Ion:330 Resp: 499846

Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

141 31.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 50.517 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.018 min

Lab File: BP026310.D

Acq: 12 Dec 2025 12:53

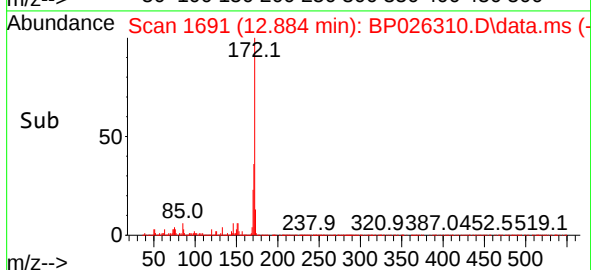
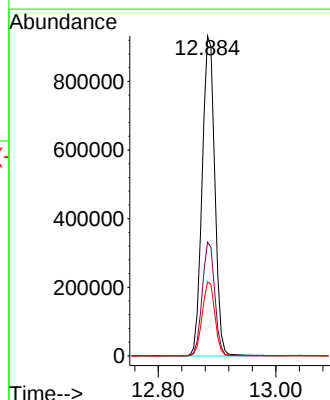
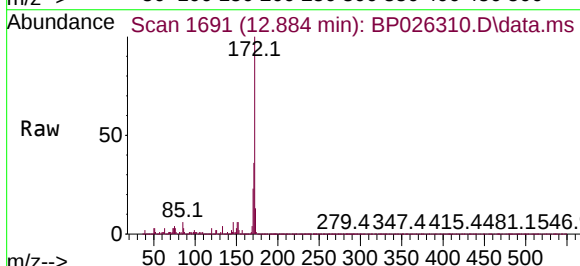
Tgt Ion:172 Resp: 1392770

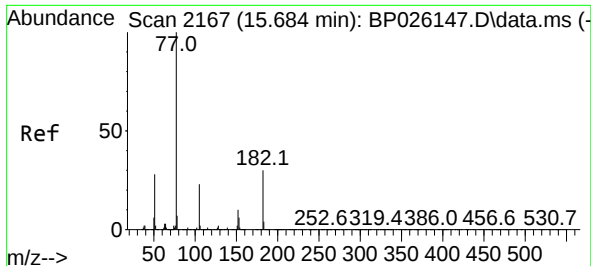
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.1 18.7 28.1

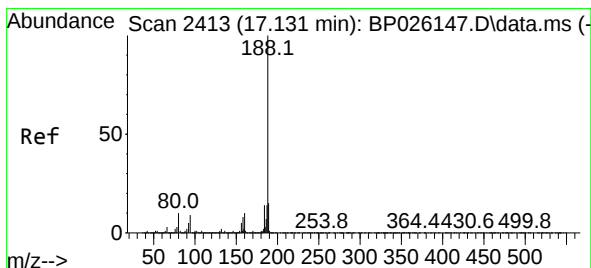
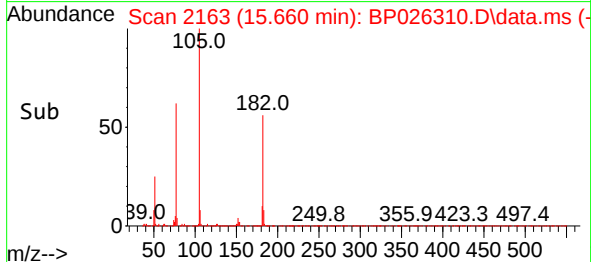
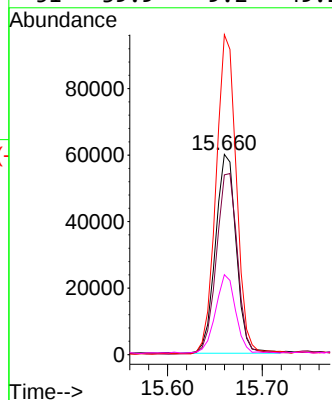
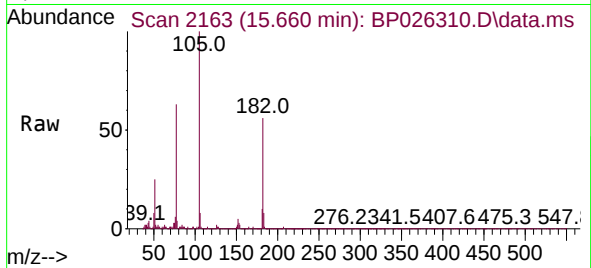




#63
Azobenzene
Concen: 3.613 ng
RT: 15.660 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

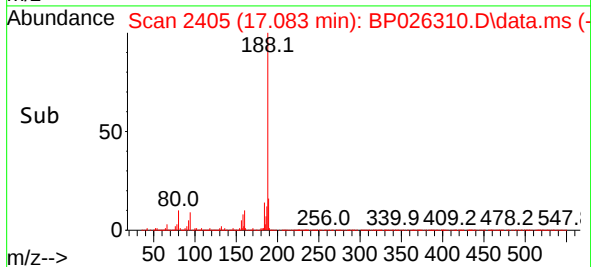
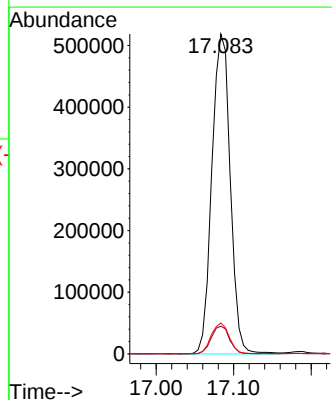
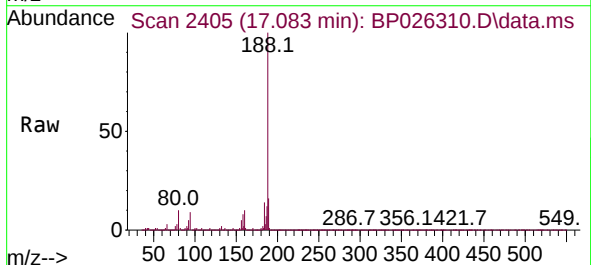
Instrument :
BNA_P
ClientSampleId :
C0AM5

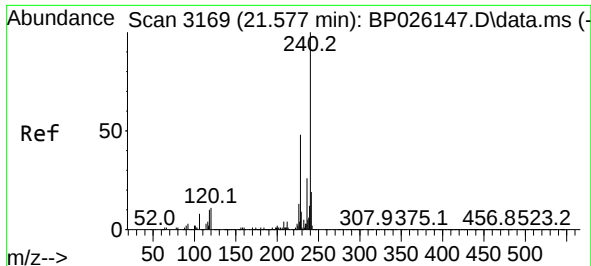
Tgt Ion: 77 Resp: 91013
Ion Ratio Lower Upper
77 100
182 89.8 8.8 48.8#
105 159.8 2.6 42.6#
51 39.9 9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.083 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion: 188 Resp: 853435
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.7 8.2 12.2

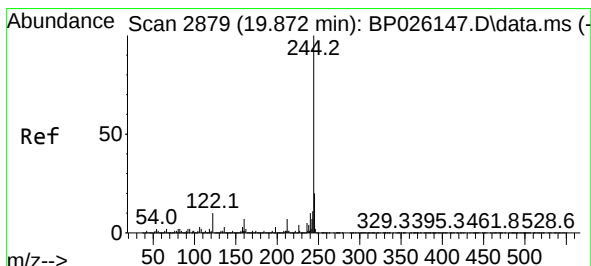
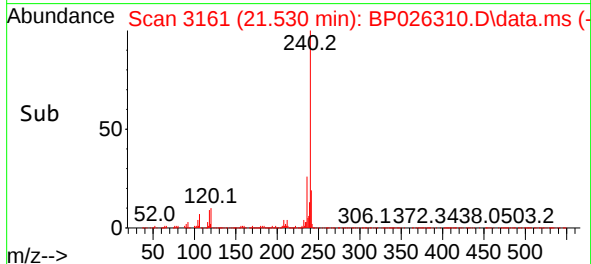
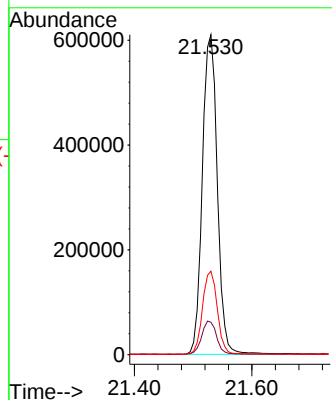
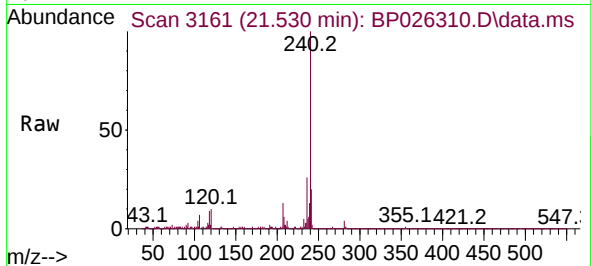




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

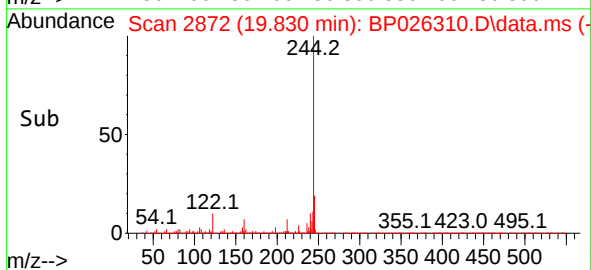
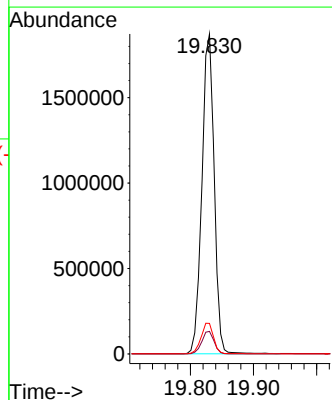
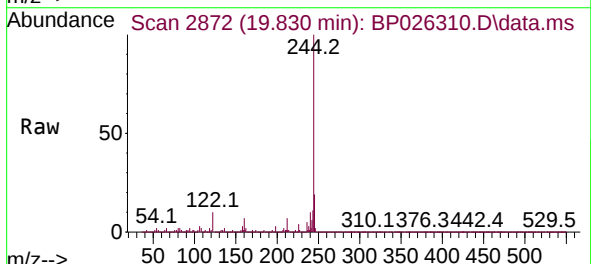
Instrument :
BNA_P
ClientSampleId :
C0AM5

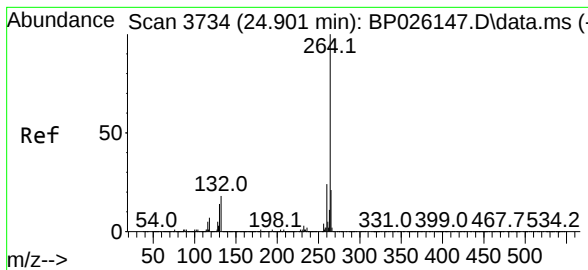
Tgt Ion:240 Resp: 1080137
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 26.1 20.4 30.6



#79
Terphenyl-d14
Concen: 47.863 ng
RT: 19.830 min Scan# 2872
Delta R.T. -0.006 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion:244 Resp: 2529357
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.5 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.818 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP026310.D
 Acq: 12 Dec 2025 12:53

Instrument :
 BNA_P
 ClientSampleId :
 C0AM5

Tgt Ion:264 Resp: 1356846
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 22.4 17.5 26.3

