

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026213.D
 Acq On : 02 Dec 2025 18:37
 Operator : RC/JU
 Sample : Q3743-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-1125-1

Quant Time: Dec 03 00:21:22 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)

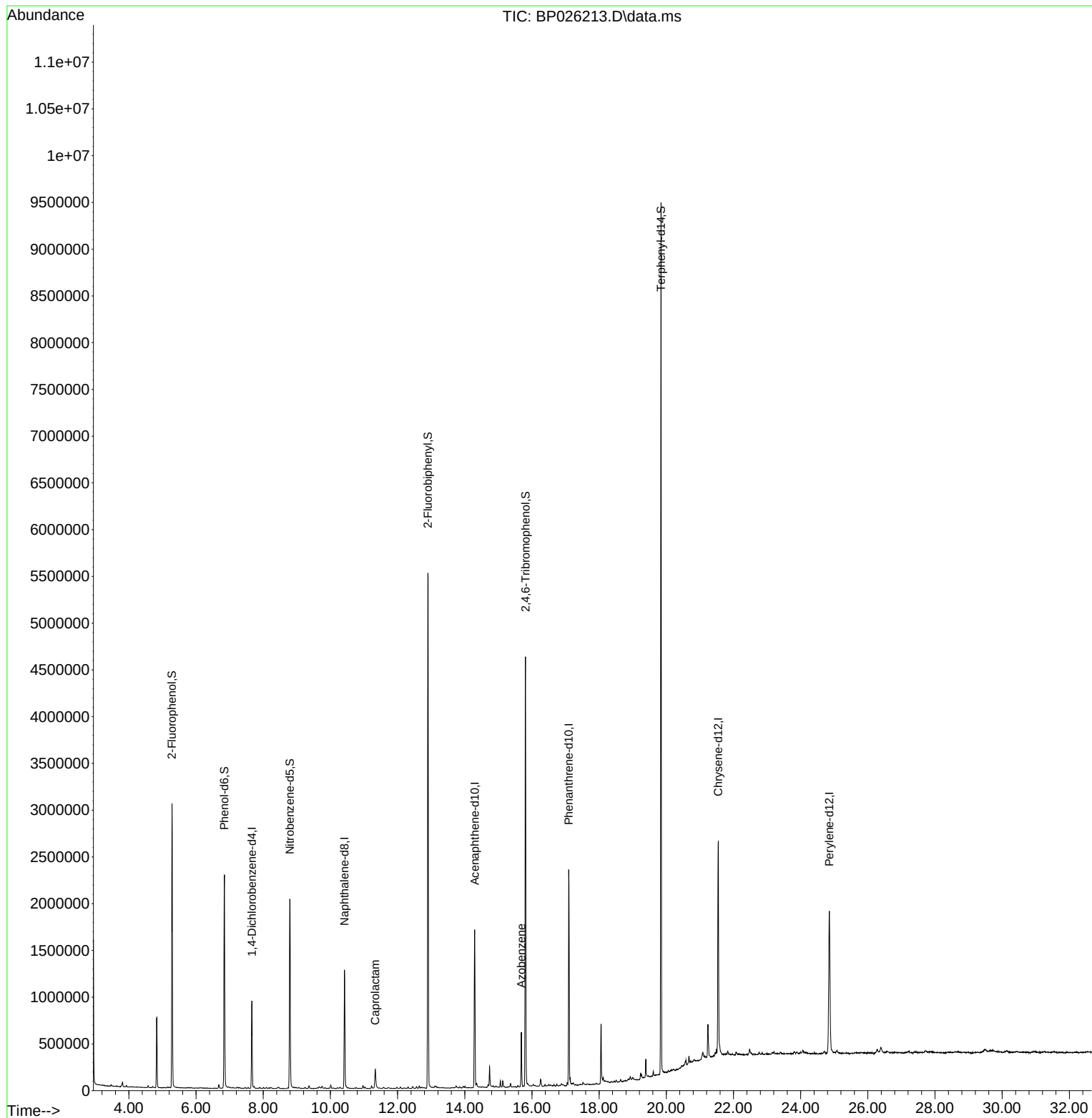
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	264989	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	1060256	20.000	ng	-0.03
39) Acenaphthene-d10	14.295	164	674397	20.000	ng	-0.03
64) Phenanthrene-d10	17.095	188	1382093	20.000	ng	-0.04
76) Chrysene-d12	21.548	240	1464575	20.000	ng	-0.02
86) Perylene-d12	24.854	264	1588322	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1325472	80.286	ng	0.00
7) Phenol-d6	6.843	99	1354062	64.425	ng	-0.01
23) Nitrobenzene-d5	8.790	82	1176607	63.036	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	873051	99.794	ng	-0.03
45) 2-Fluorobiphenyl	12.901	172	3008859	65.388	ng	-0.03
79) Terphenyl-d14	19.842	244	4438299	61.792	ng	-0.03
Target Compounds						
35) Caprolactam	11.337	113	51808	8.403	ng	95
63) Azobenzene	15.684	77	162346	3.795	ng	# 1

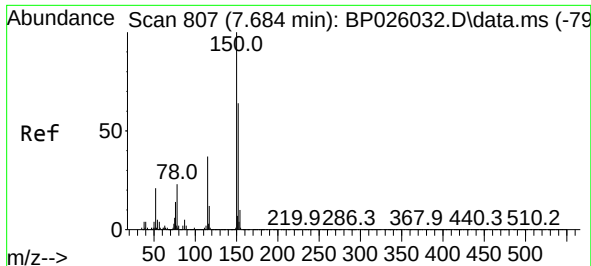
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026213.D
Acq On : 02 Dec 2025 18:37
Operator : RC/JU
Sample : Q3743-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-1125-1

Quant Time: Dec 03 00:21:22 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

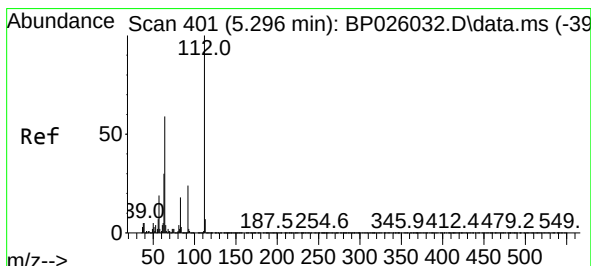
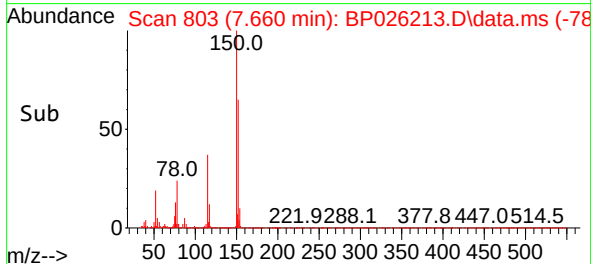
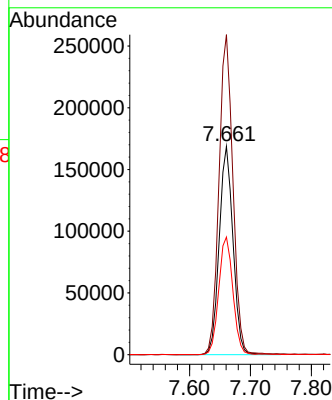
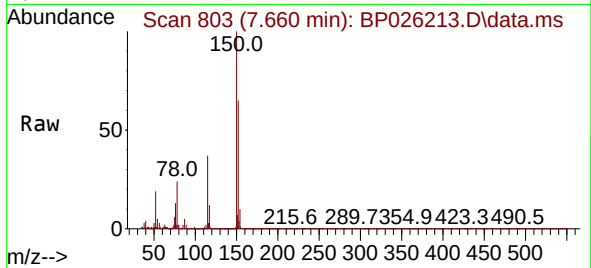




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026213.D
Acq: 02 Dec 2025 18:37

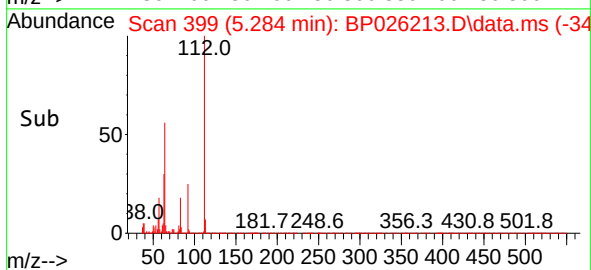
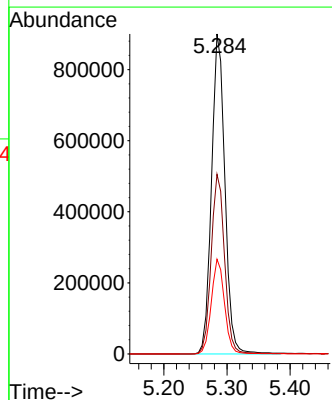
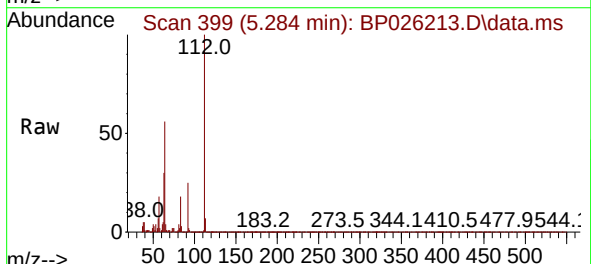
Instrument :
BNA_P
ClientSampleId :
TW-1125-1

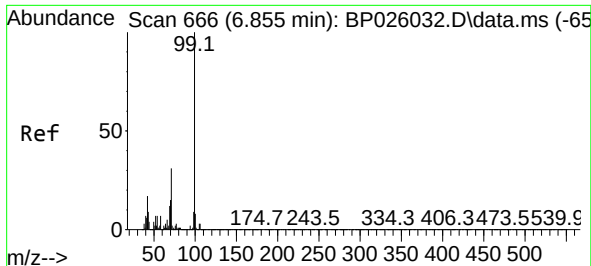
Tgt Ion:152 Resp: 264989
Ion Ratio Lower Upper
152 100
150 153.6 123.0 184.6
115 56.5 46.3 69.5



#5
2-Fluorophenol
Concen: 80.286 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026213.D
Acq: 02 Dec 2025 18:37

Tgt Ion:112 Resp: 1325472
Ion Ratio Lower Upper
112 100
64 56.2 45.8 68.6
63 29.6 23.5 35.3





#7

Phenol-d6

Concen: 64.425 ng

RT: 6.843 min Scan# 61

Delta R.T. -0.012 min

Lab File: BP026213.D

Acq: 02 Dec 2025 18:37

Instrument :

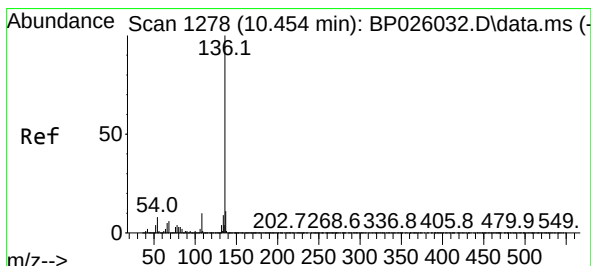
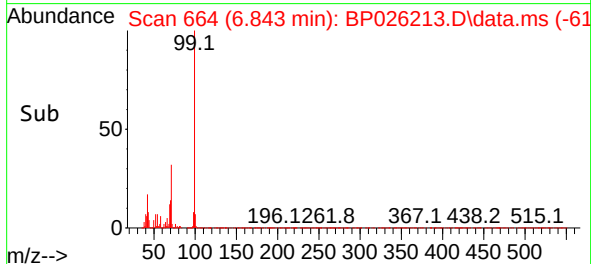
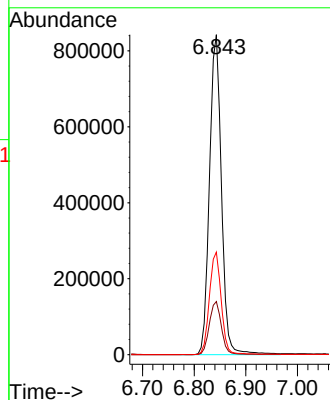
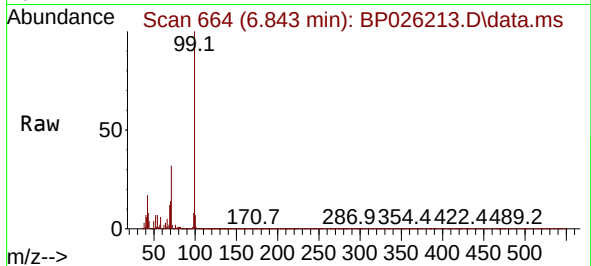
BNA_P

ClientSampleId :

TW-1125-1

Tgt Ion: 99 Resp: 1354062

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.9	19.3
71	32.0	24.8	37.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.419 min Scan# 1272

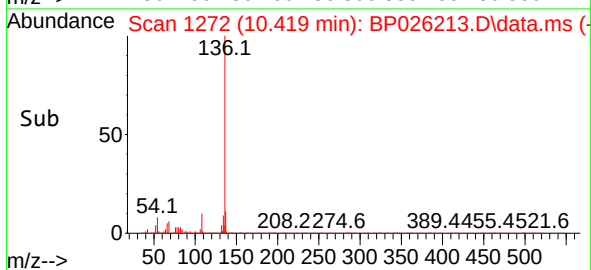
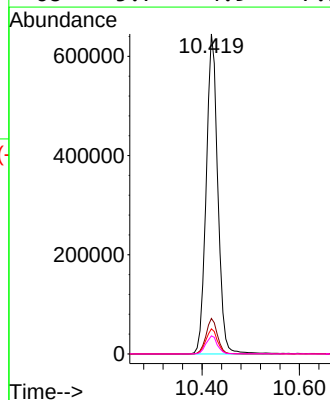
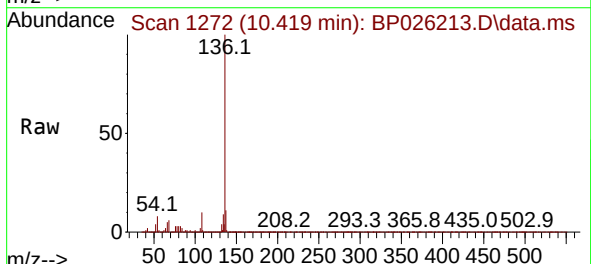
Delta R.T. -0.029 min

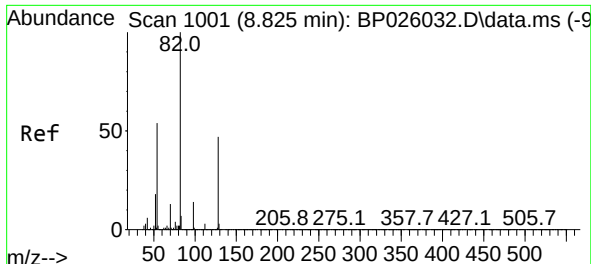
Lab File: BP026213.D

Acq: 02 Dec 2025 18:37

Tgt Ion:136 Resp: 1060256

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	6.4	9.6
68	5.7	4.9	7.3

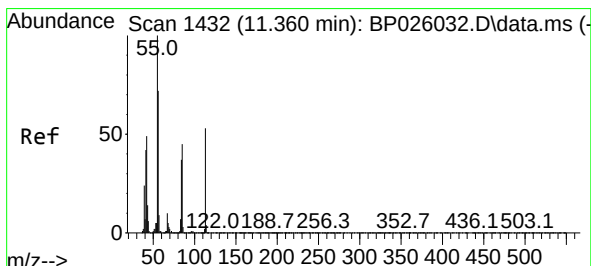
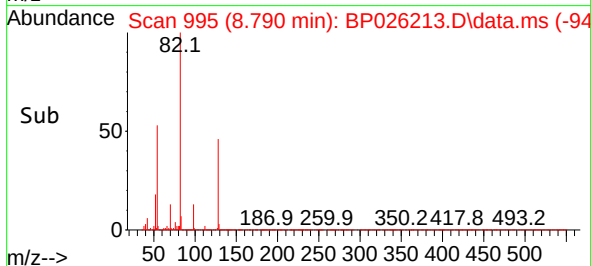
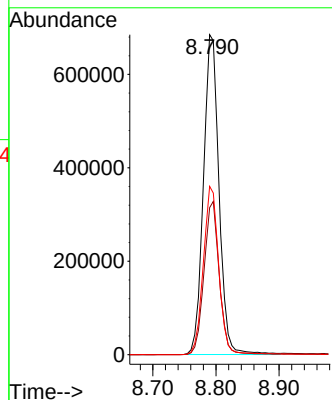
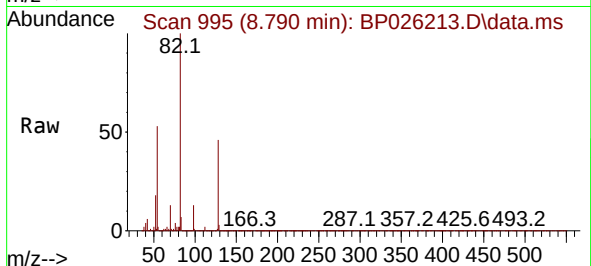




#23
Nitrobenzene-d5
Concen: 63.036 ng
RT: 8.790 min Scan# 94
Delta R.T. -0.023 min
Lab File: BP026213.D
Acq: 02 Dec 2025 18:37

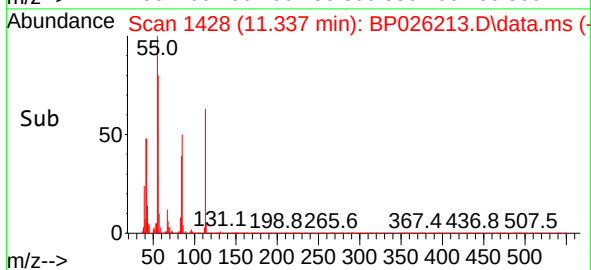
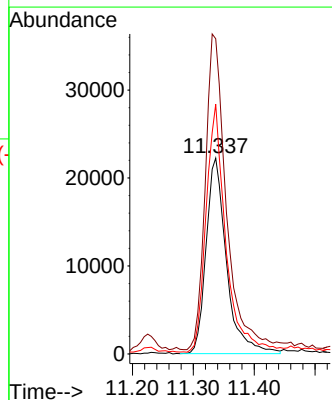
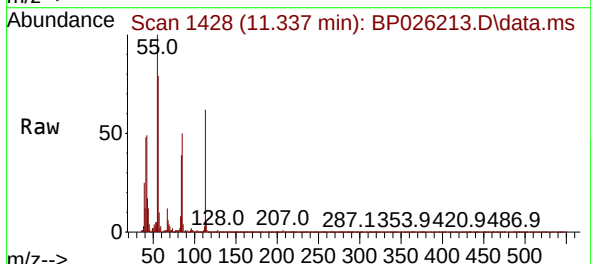
Instrument :
BNA_P
ClientSampleId :
TW-1125-1

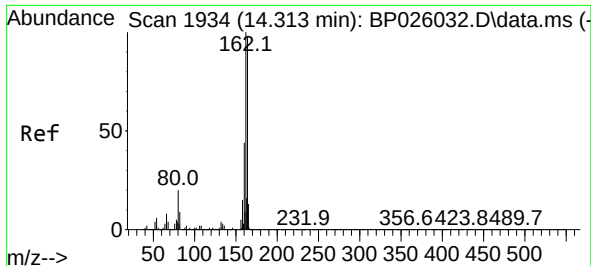
Tgt Ion: 82 Resp: 1176607
Ion Ratio Lower Upper
82 100
128 46.0 37.4 56.0
54 52.6 41.6 62.4



#35
Caprolactam
Concen: 8.403 ng
RT: 11.337 min Scan# 1428
Delta R.T. -0.041 min
Lab File: BP026213.D
Acq: 02 Dec 2025 18:37

Tgt Ion: 113 Resp: 51808
Ion Ratio Lower Upper
113 100
55 160.8 153.0 193.0
56 127.4 106.4 146.4

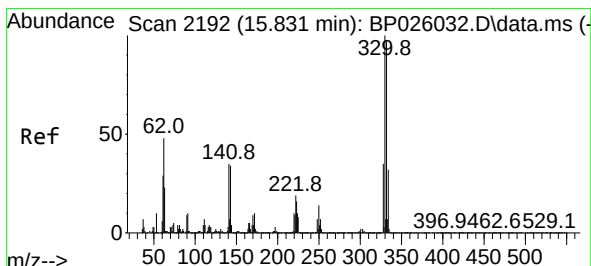
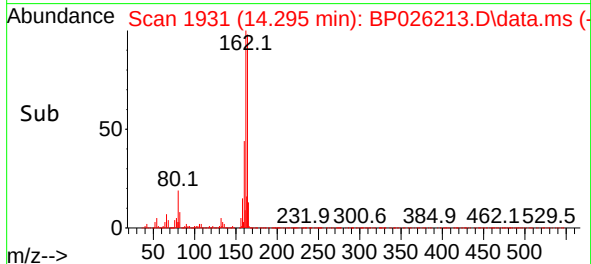
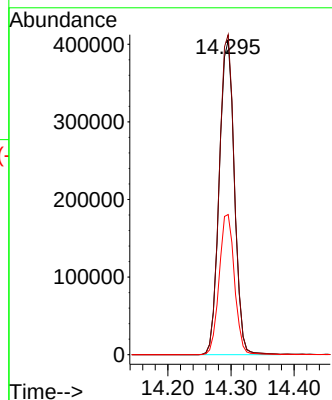
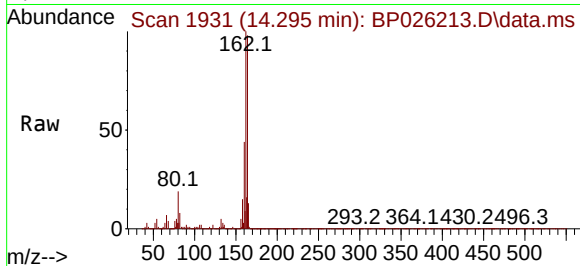




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.029 min
Lab File: BP026213.D
Acq: 02 Dec 2025 18:37

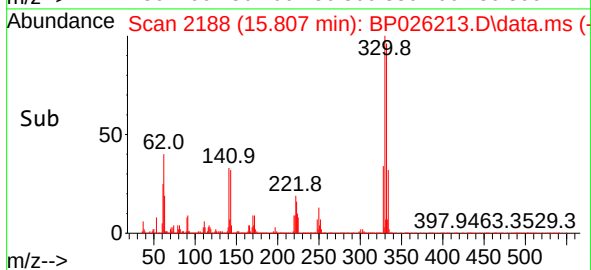
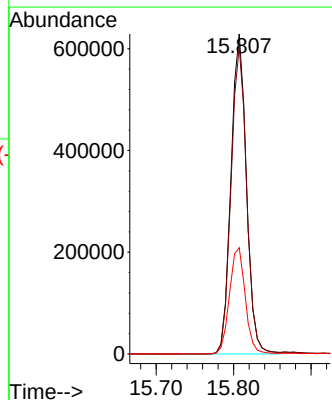
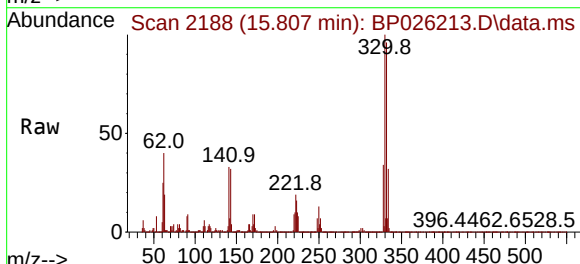
Instrument :
BNA_P
ClientSampleId :
TW-1125-1

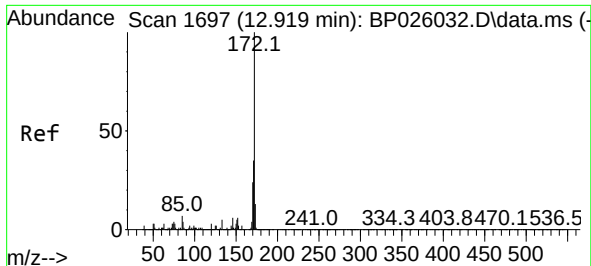
Tgt Ion:164 Resp: 674397
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 44.6 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 99.794 ng
RT: 15.807 min Scan# 2188
Delta R.T. -0.029 min
Lab File: BP026213.D
Acq: 02 Dec 2025 18:37

Tgt Ion:330 Resp: 873051
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 34.0 26.8 40.2

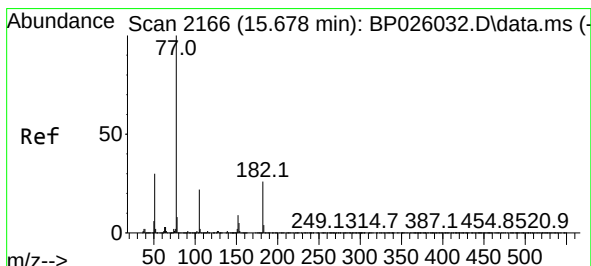
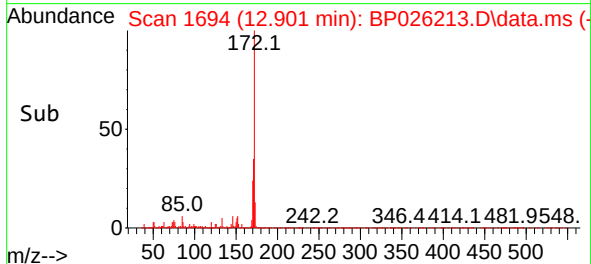
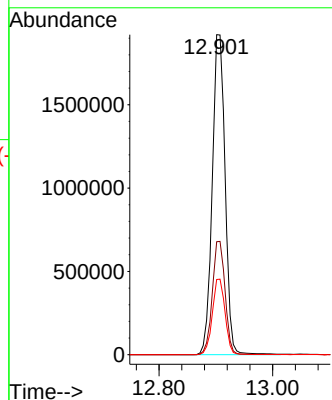
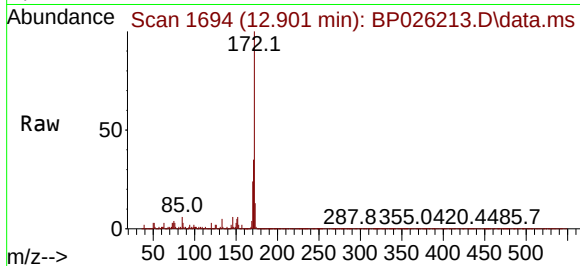




#45
2-Fluorobiphenyl
Concen: 65.388 ng
RT: 12.901 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026213.D
Acq: 02 Dec 2025 18:37

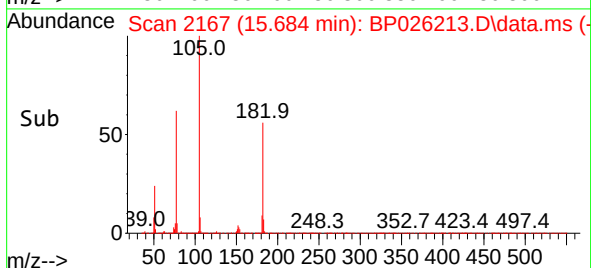
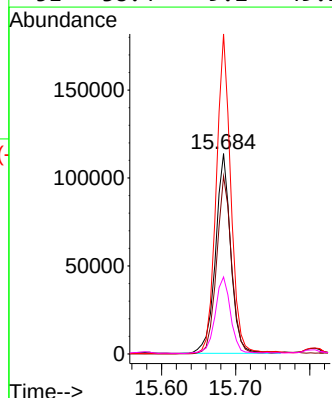
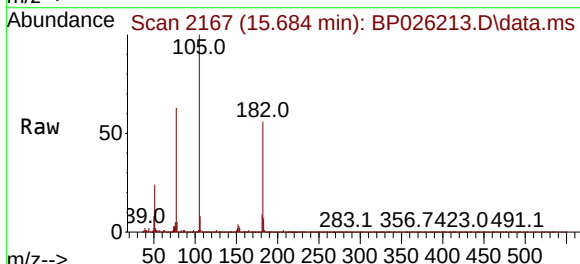
Instrument :
BNA_P
ClientSampleId :
TW-1125-1

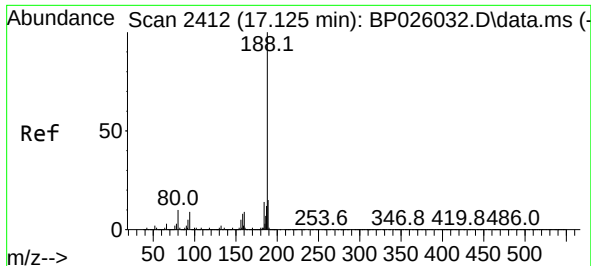
Tgt Ion:172 Resp: 3008859
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.5 18.7 28.1



#63
Azobenzene
Concen: 3.795 ng
RT: 15.684 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP026213.D
Acq: 02 Dec 2025 18:37

Tgt Ion: 77 Resp: 162346
Ion Ratio Lower Upper
77 100
182 88.7 8.8 48.8#
105 159.7 2.6 42.6#
51 38.4 9.2 49.2

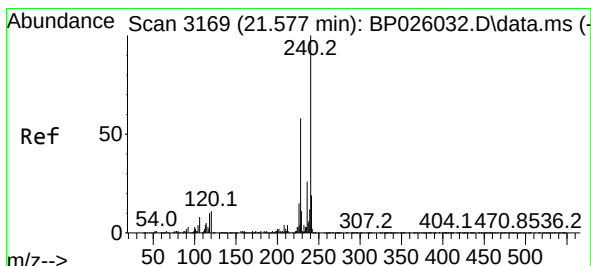
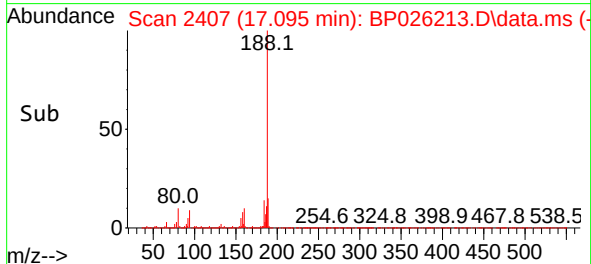
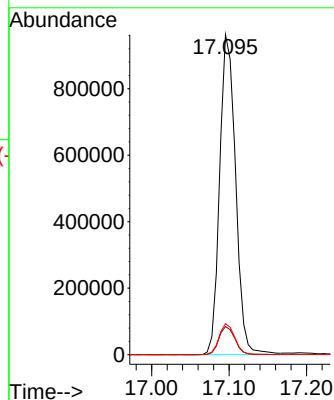
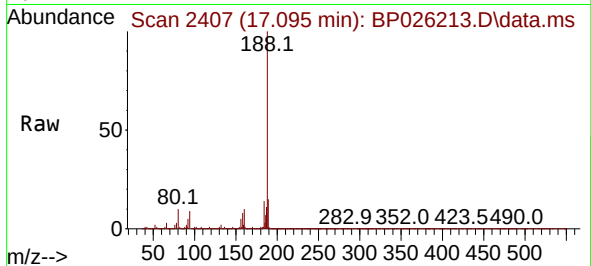




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2412
Delta R.T. -0.035 min
Lab File: BP026213.D
Acq: 02 Dec 2025 18:37

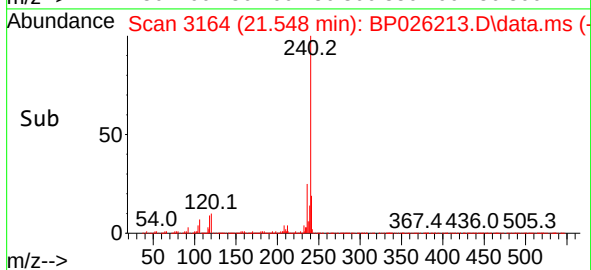
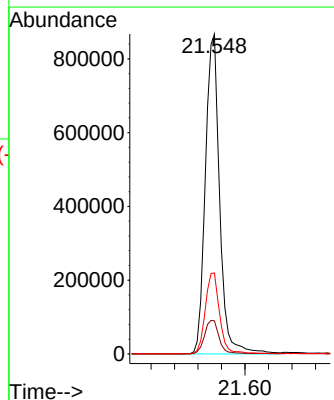
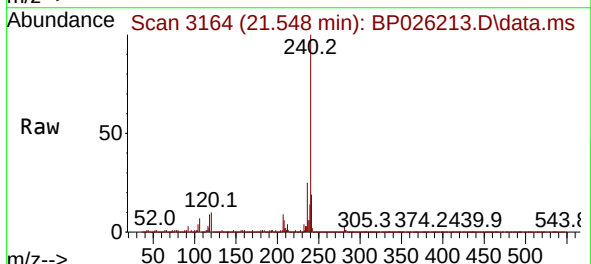
Instrument :
BNA_P
ClientSampleId :
TW-1125-1

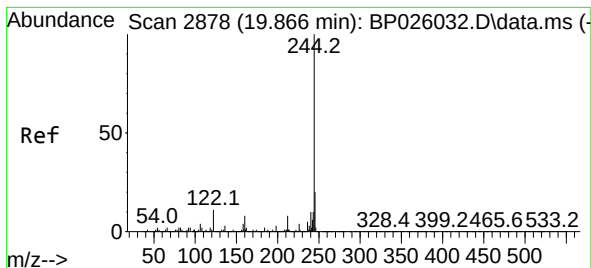
Tgt Ion:188 Resp: 1382093
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.023 min
Lab File: BP026213.D
Acq: 02 Dec 2025 18:37

Tgt Ion:240 Resp: 1464575
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 61.792 ng

RT: 19.842 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP026213.D

Acq: 02 Dec 2025 18:37

Instrument :

BNA_P

ClientSampleId :

TW-1125-1

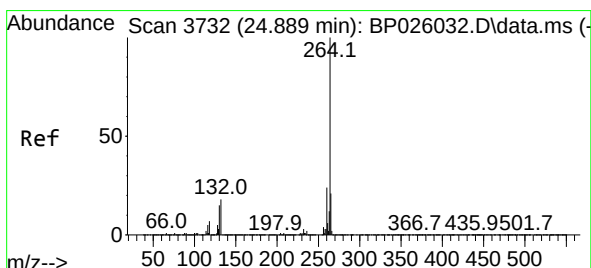
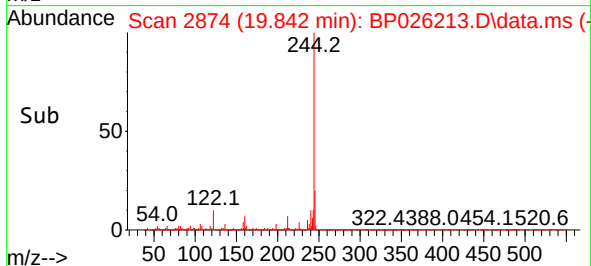
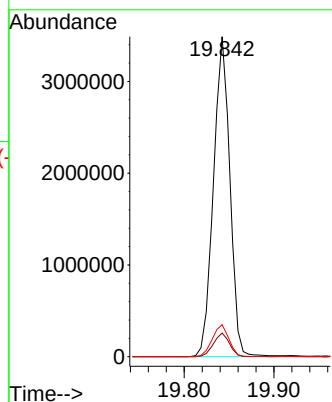
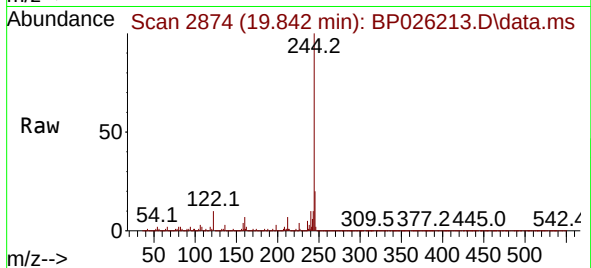
Tgt Ion:244 Resp: 4438299

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.0 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.854 min Scan# 3726

Delta R.T. -0.053 min

Lab File: BP026213.D

Acq: 02 Dec 2025 18:37

Tgt Ion:264 Resp: 1588322

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.1 17.5 26.3

