

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026221.D
 Acq On : 03 Dec 2025 00:06
 Operator : RC/JU
 Sample : Q3742-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-13

Quant Time: Dec 03 01:01:05 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)

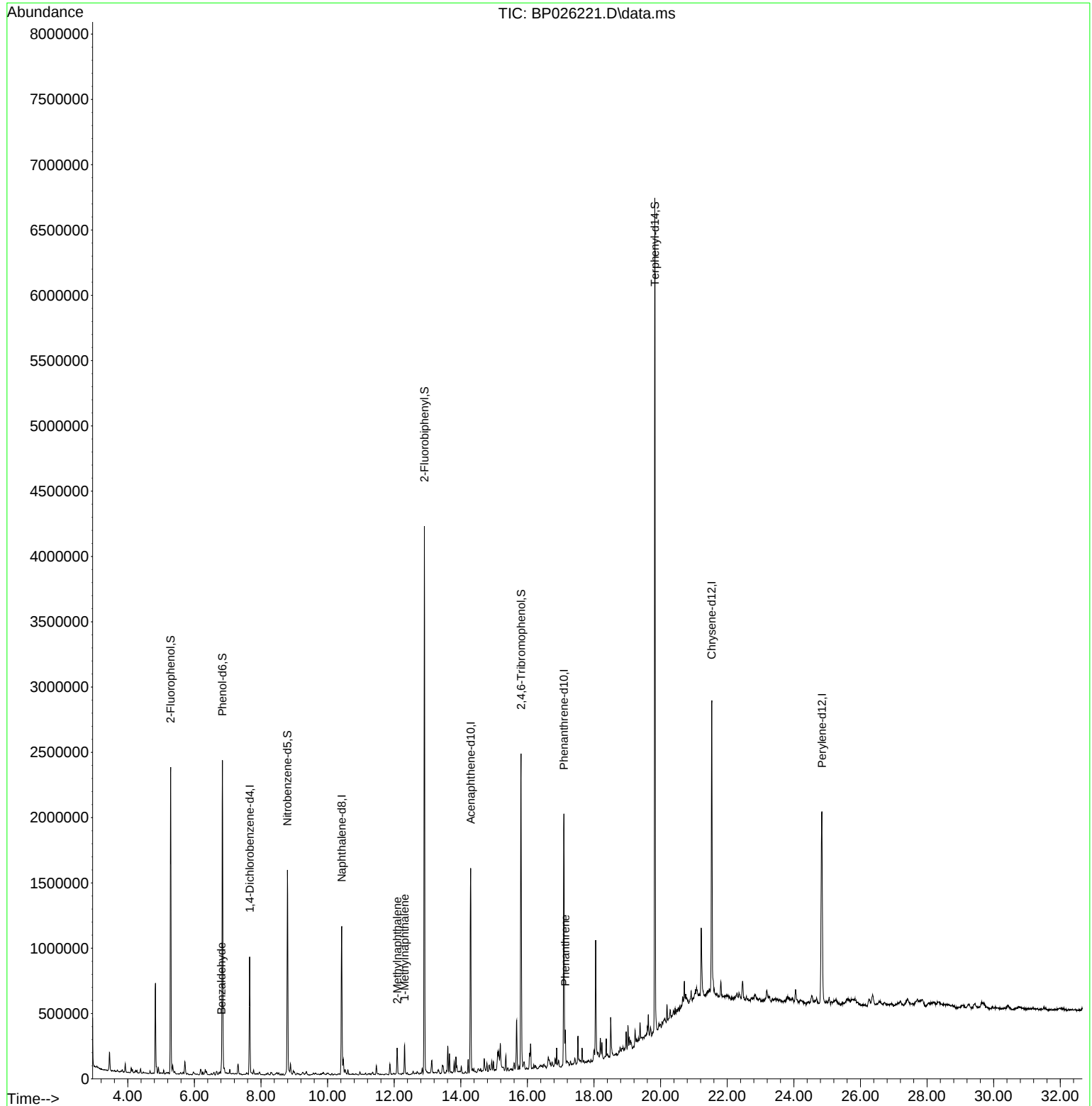
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	251684	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	962819	20.000	ng	-0.02
39) Acenaphthene-d10	14.295	164	615377	20.000	ng	-0.03
64) Phenanthrene-d10	17.095	188	1259001	20.000	ng	-0.04
76) Chrysene-d12	21.530	240	1396523	20.000	ng	-0.04
86) Perylene-d12	24.842	264	1595307	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1062780	67.778	ng	0.00
7) Phenol-d6	6.843	99	1378530	69.057	ng	-0.01
23) Nitrobenzene-d5	8.796	82	864690	51.013	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	501099	62.771	ng	-0.03
45) 2-Fluorobiphenyl	12.907	172	2138817	50.938	ng	-0.02
79) Terphenyl-d14	19.825	244	3440789	50.239	ng	-0.05
Target Compounds						
						Qvalue
9) Benzaldehyde	6.813	77	29108	2.782	ng	96
37) 2-Methylnaphthalene	12.090	142	103067	2.794	ng	99
38) 1-Methylnaphthalene	12.313	142	104237	2.891	ng	99
71) Phenanthrene	17.136	178	164520	2.320	ng	98

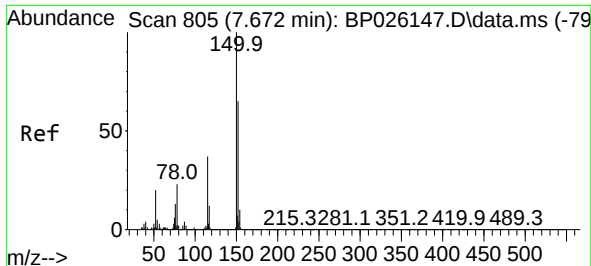
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_P
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SB-1125-13

Quant Time: Dec 03 01:01:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
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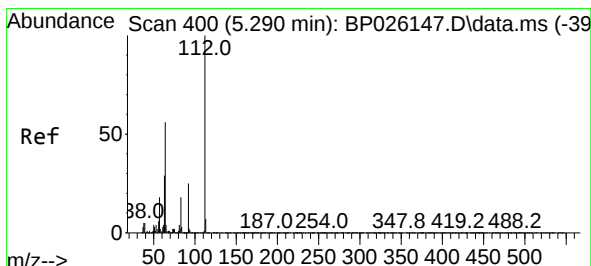
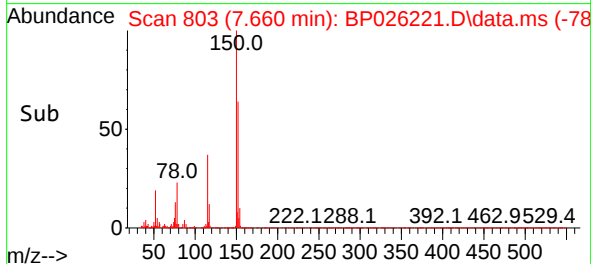
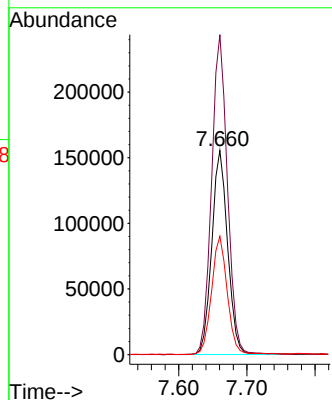
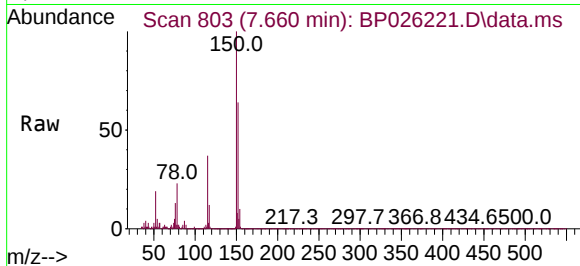




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

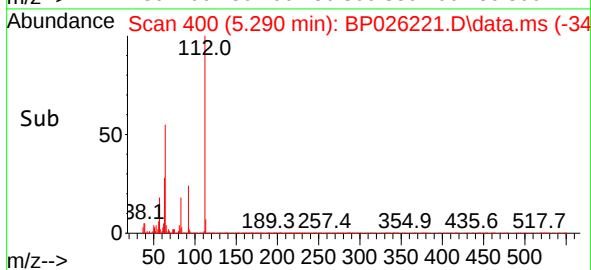
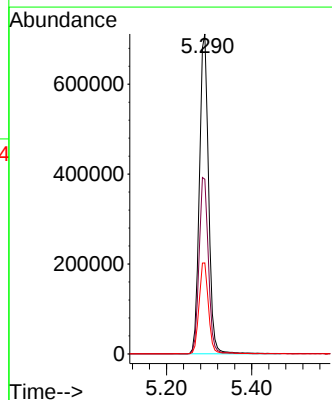
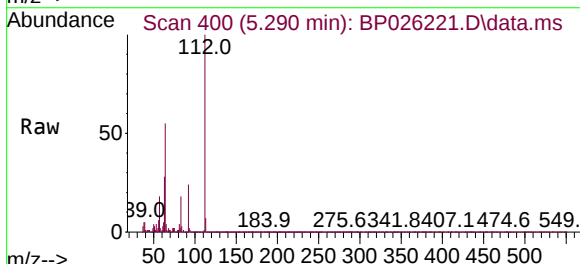
Instrument :
BNA_P
ClientSampleId :
SB-1125-13

Tgt Ion:152 Resp: 251684
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.6
115 58.0 46.3 69.5



#5
2-Fluorophenol
Concen: 67.778 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion:112 Resp: 1062780
Ion Ratio Lower Upper
112 100
64 54.6 45.8 68.6
63 28.4 23.5 35.3



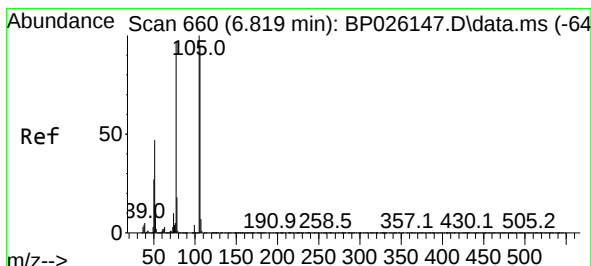
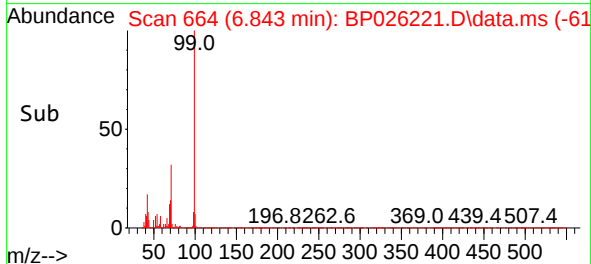
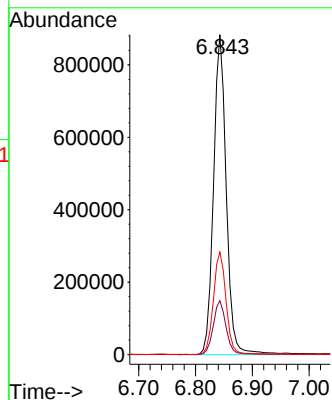
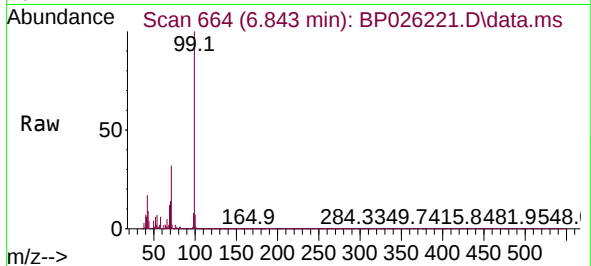


#7
Phenol-d6
Concen: 69.057 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

Tgt Ion: 99 Resp: 1378530

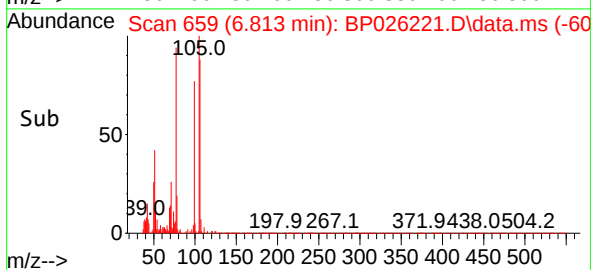
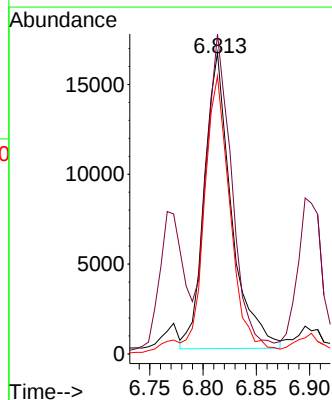
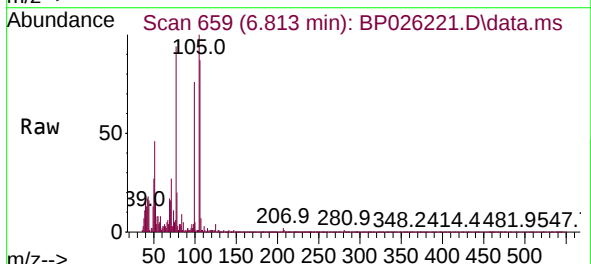
Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.9	19.3
71	32.0	24.8	37.2

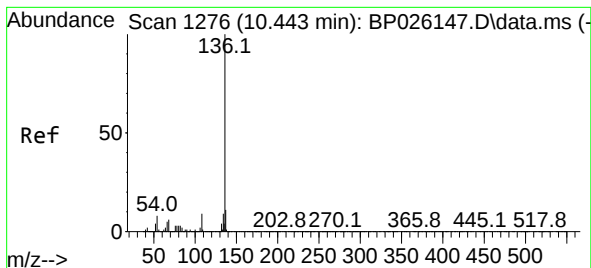


#9
Benzaldehyde
Concen: 2.782 ng
RT: 6.813 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion: 77 Resp: 29108

Ion	Ratio	Lower	Upper
77	100		
105	106.2	82.9	122.9
106	92.3	77.8	117.8



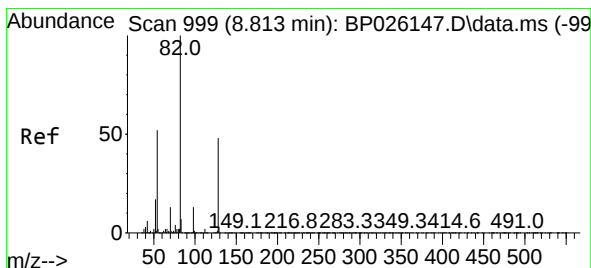
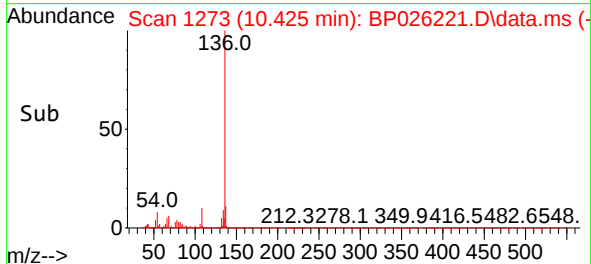
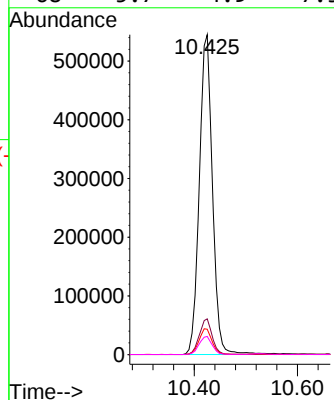
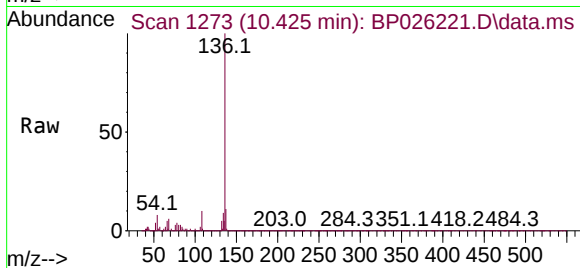


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Instrument :
BNA_P
ClientSampleId :
SB-1125-13

Tgt Ion:136 Resp: 962819

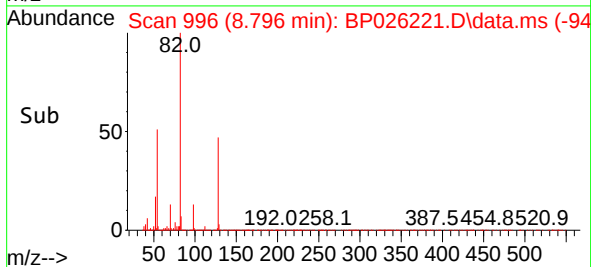
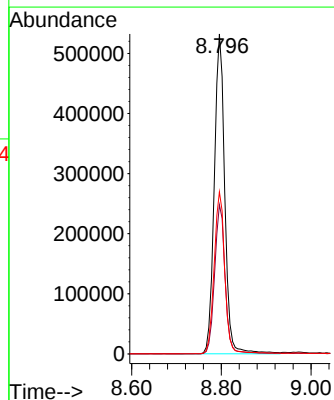
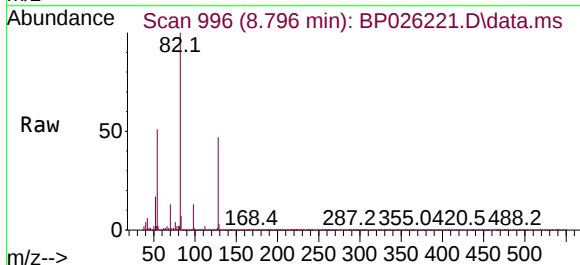
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.9	6.4	9.6
68	5.7	4.9	7.3

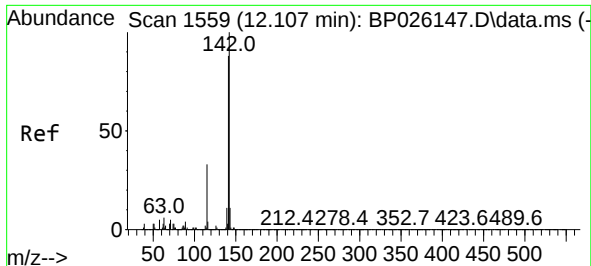


#23
Nitrobenzene-d5
Concen: 51.013 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.018 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion: 82 Resp: 864690

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	50.6	41.6	62.4

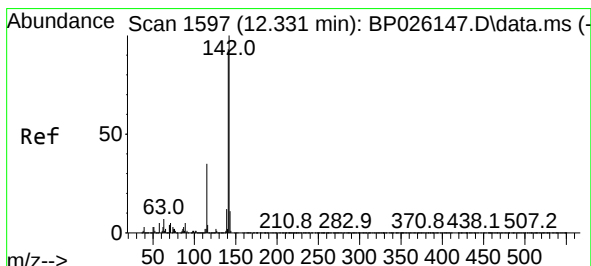
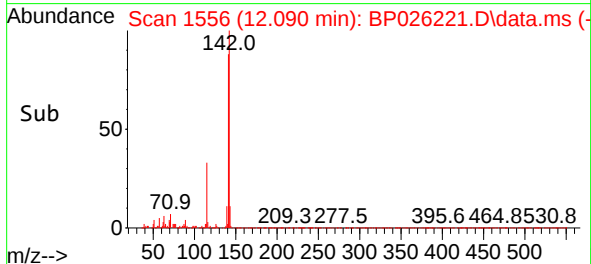
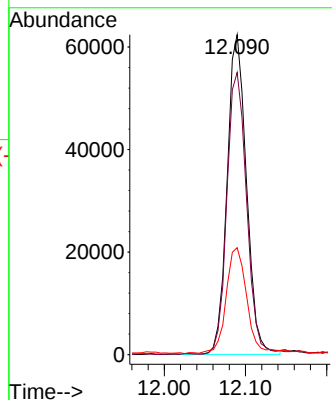
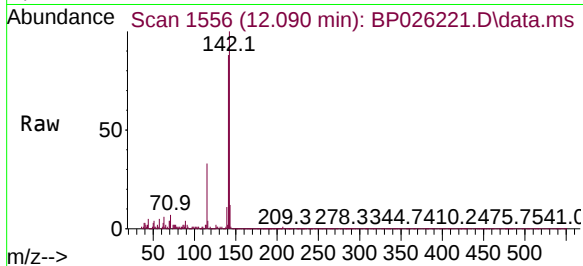




#37
2-Methylnaphthalene
Concen: 2.794 ng
RT: 12.090 min Scan# 1556
Delta R.T. -0.023 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

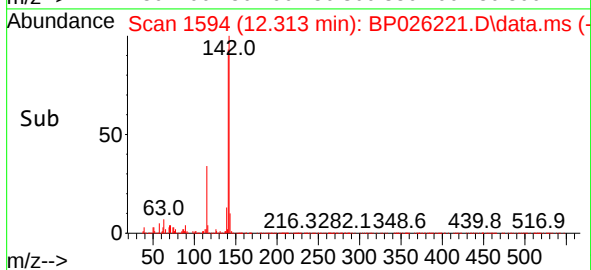
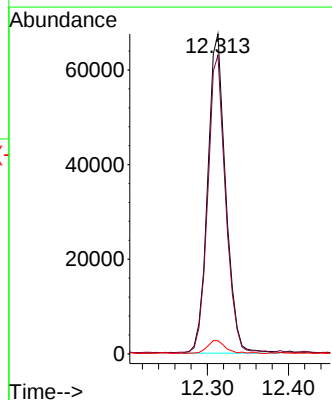
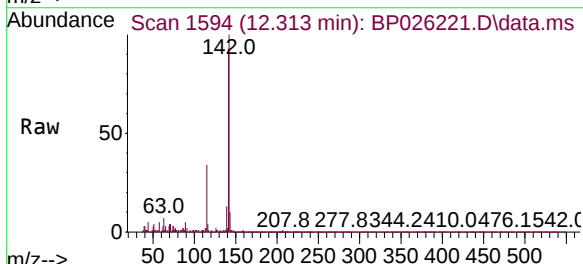
Instrument :
BNA_P
ClientSampleId :
SB-1125-13

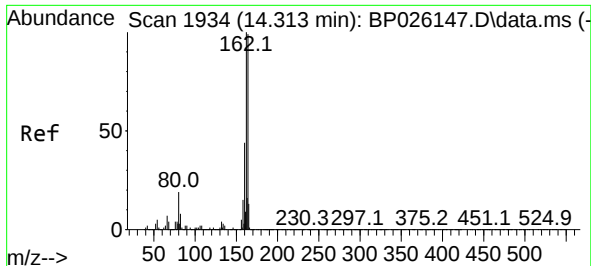
Tgt Ion:142 Resp: 103067
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 33.4 26.6 39.8



#38
1-Methylnaphthalene
Concen: 2.891 ng
RT: 12.313 min Scan# 1594
Delta R.T. -0.018 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion:142 Resp: 104237
Ion Ratio Lower Upper
142 100
141 93.3 73.5 110.3
116 4.1 3.0 4.4

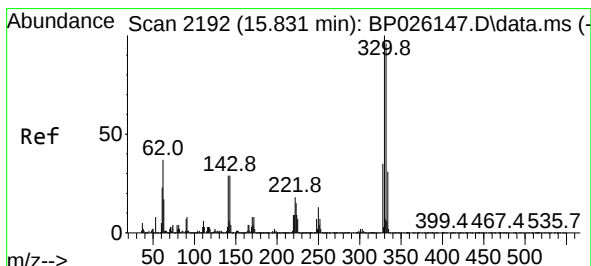
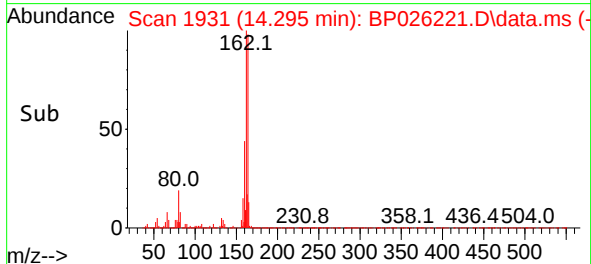
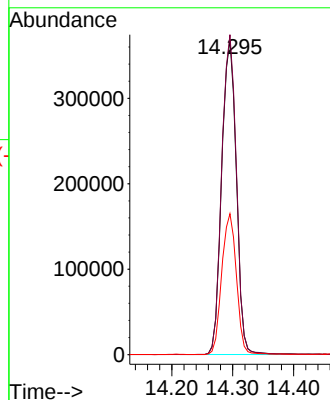
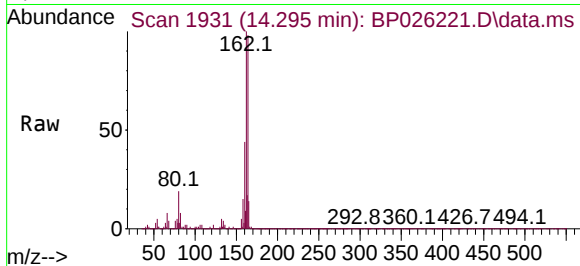




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.295 min Scan# 1934
Delta R.T. -0.029 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

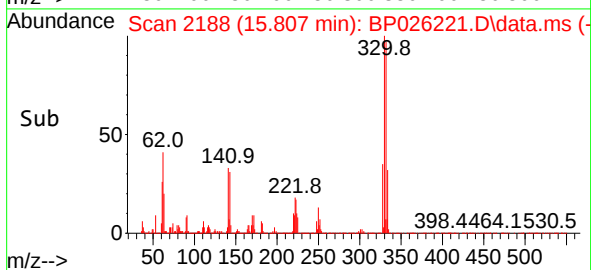
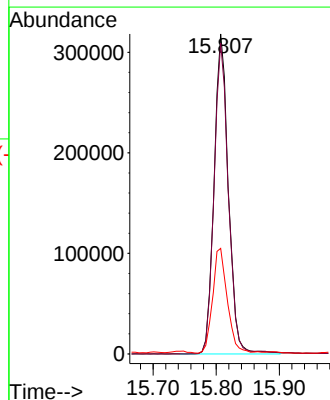
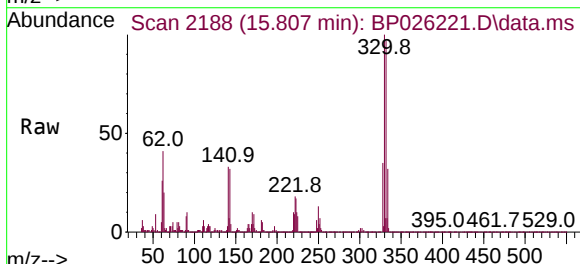
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BNA_P
ClientSampleId :
SB-1125-13

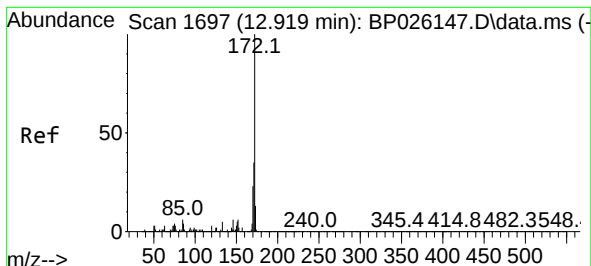
Tgt Ion:164 Resp: 615377
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 44.8 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 62.771 ng
RT: 15.807 min Scan# 2188
Delta R.T. -0.029 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion:330 Resp: 501099
Ion Ratio Lower Upper
330 100
332 97.7 78.0 117.0
141 33.5 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 50.938 ng

RT: 12.907 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP026221.D

Acq: 03 Dec 2025 00:06

Instrument :

BNA_P

ClientSampleId :

SB-1125-13

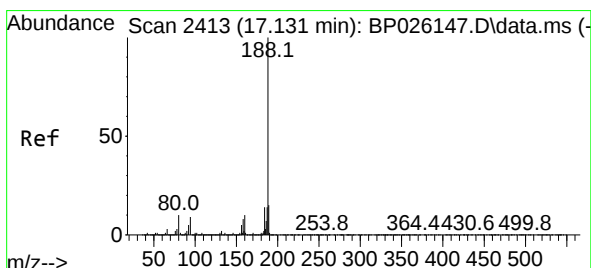
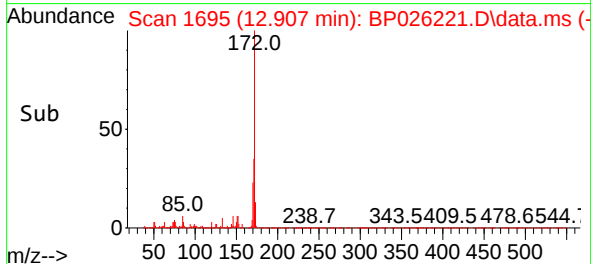
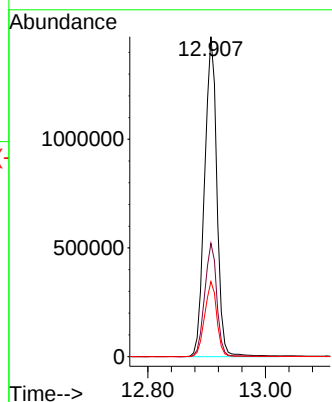
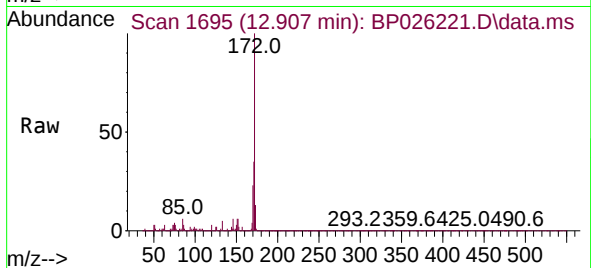
Tgt Ion:172 Resp: 2138817

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.4 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.095 min Scan# 2407

Delta R.T. -0.035 min

Lab File: BP026221.D

Acq: 03 Dec 2025 00:06

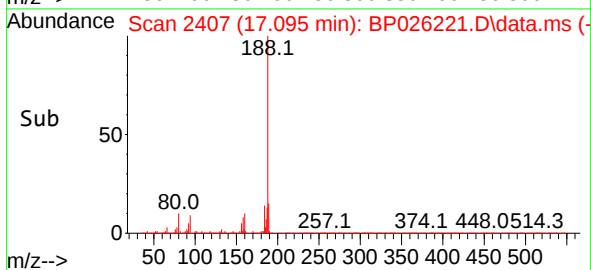
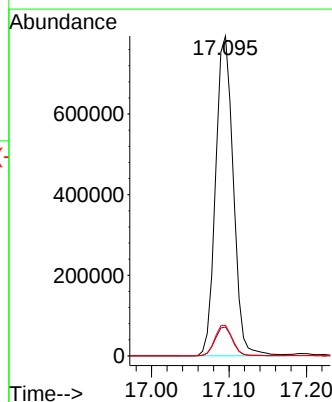
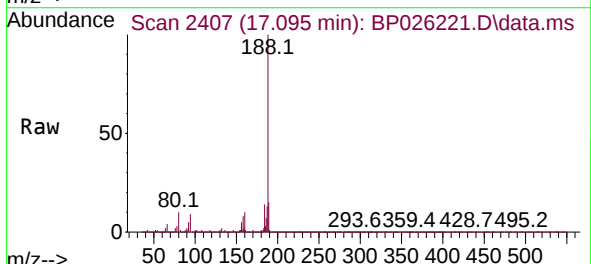
Tgt Ion:188 Resp: 1259001

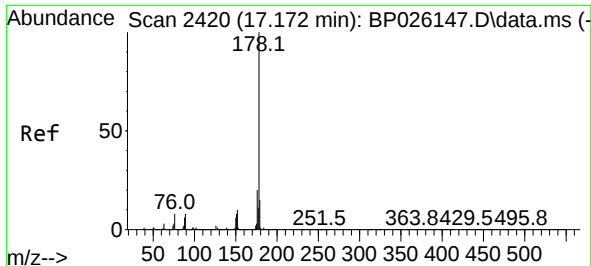
Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

80 9.6 8.2 12.2

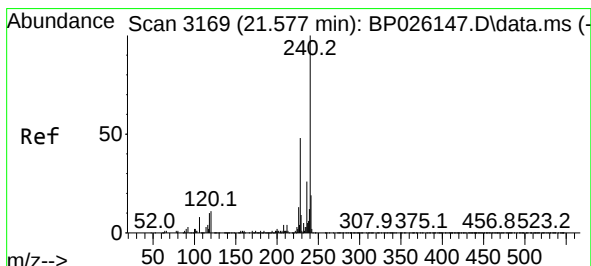
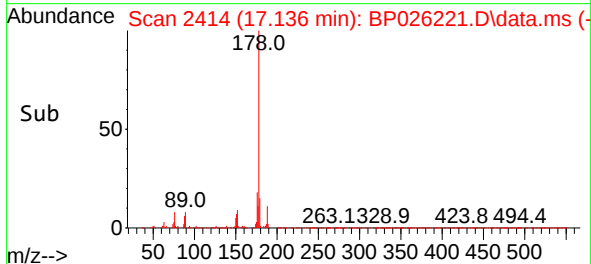
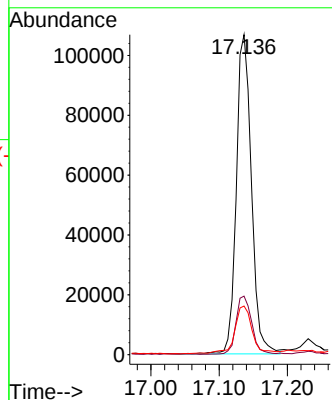
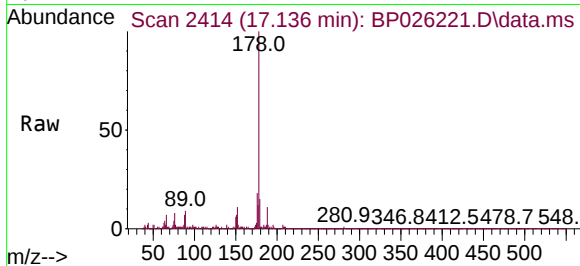




#71
Phenanthrene
Concen: 2.320 ng
RT: 17.136 min Scan# 2414
Delta R.T. -0.041 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

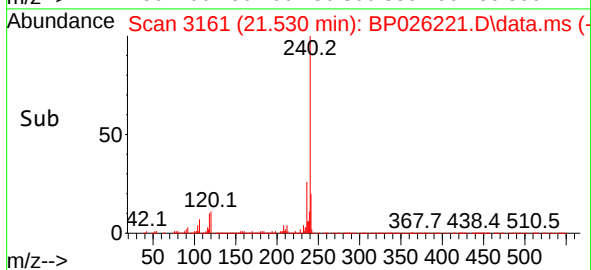
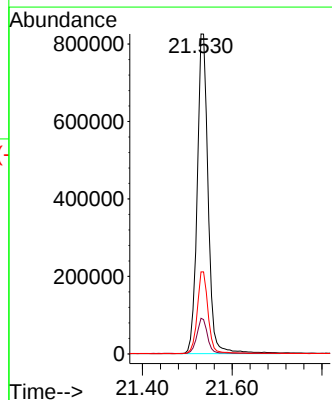
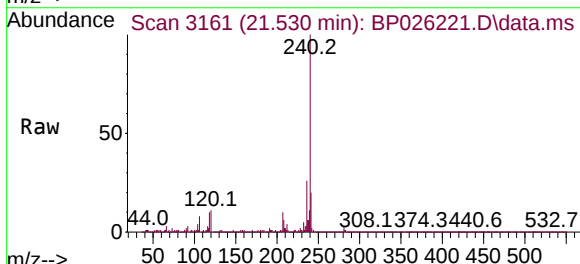
Instrument :
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SB-1125-13

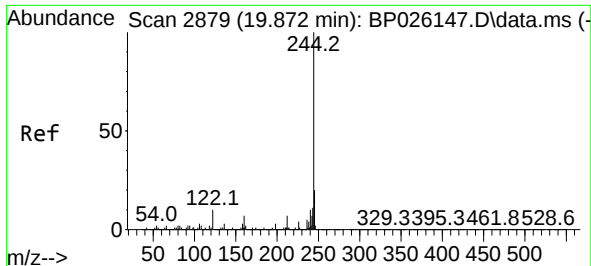
Tgt Ion:178 Resp: 164520
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.2 12.4 18.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.041 min
Lab File: BP026221.D
Acq: 03 Dec 2025 00:06

Tgt Ion:240 Resp: 1396523
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.6 20.4 30.6

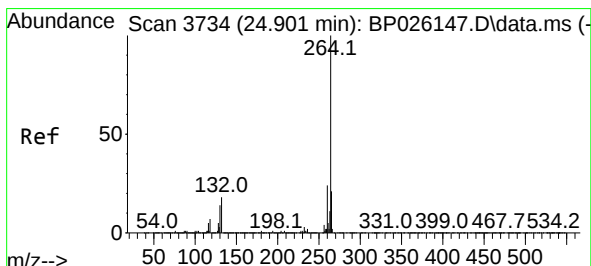
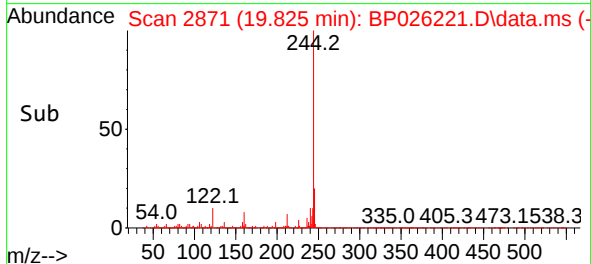
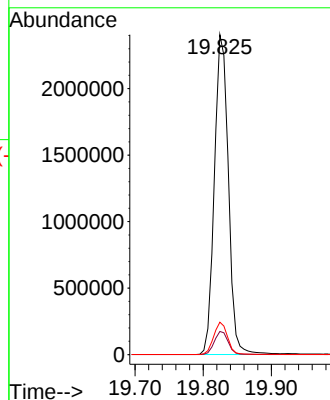
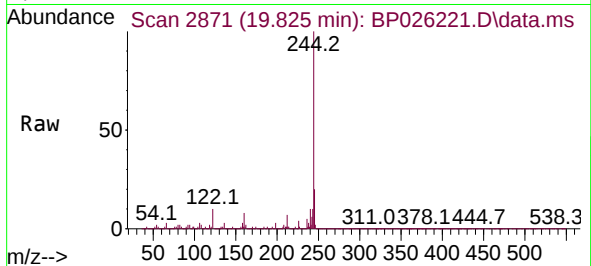




#79
 Terphenyl-d14
 Concen: 50.239 ng
 RT: 19.825 min Scan# 2879
 Delta R.T. -0.047 min
 Lab File: BP026221.D
 Acq: 03 Dec 2025 00:06

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-13

Tgt Ion:244 Resp: 3440789
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.842 min Scan# 3724
 Delta R.T. -0.065 min
 Lab File: BP026221.D
 Acq: 03 Dec 2025 00:06

Tgt Ion:264 Resp: 1595307
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.9 17.5 26.3

