

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
 Data File : BP026275.D
 Acq On : 10 Dec 2025 14:23
 Operator : RC/JU
 Sample : PB170885BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170885BL

Quant Time: Dec 10 14:45:25 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	197138	20.000	ng	0.00
21) Naphthalene-d8	10.425	136	743504	20.000	ng	0.00
39) Acenaphthene-d10	14.290	164	462945	20.000	ng	0.00
64) Phenanthrene-d10	17.107	188	937108	20.000	ng	0.01
76) Chrysene-d12	21.548	240	1077485	20.000	ng	0.01
86) Perylene-d12	24.854	264	1253152	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1531851	124.924	ng	0.00
7) Phenol-d6	6.843	99	1794143	115.913	ng	0.00
23) Nitrobenzene-d5	8.790	82	1078523	82.568	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	821359	136.428	ng	0.00
45) 2-Fluorobiphenyl	12.896	172	2689389	84.461	ng	0.00
79) Terphenyl-d14	19.842	244	4654767	88.298	ng	0.00

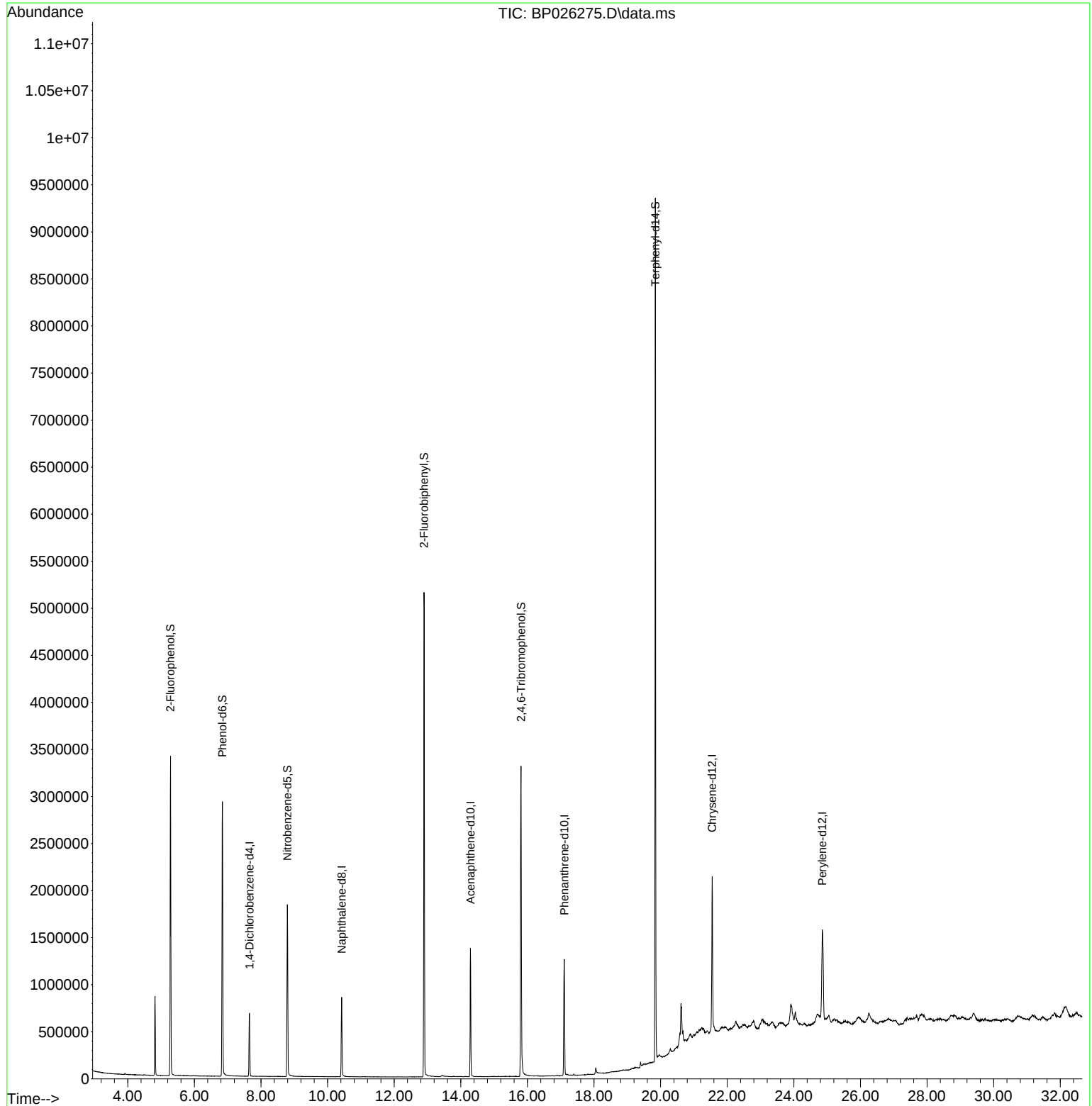
Target Compounds	Qvalue

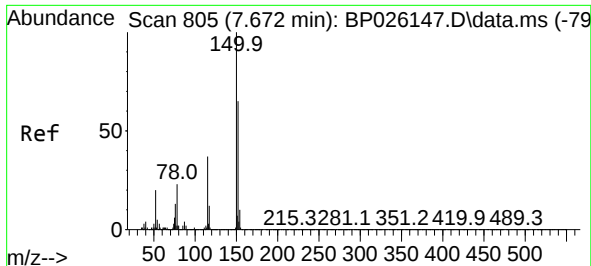
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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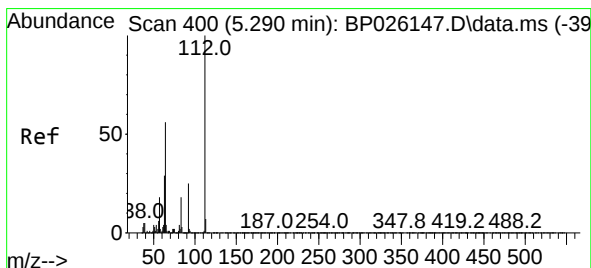
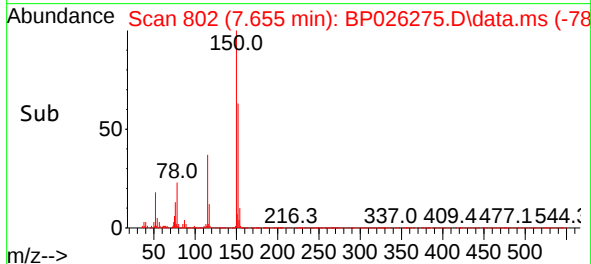
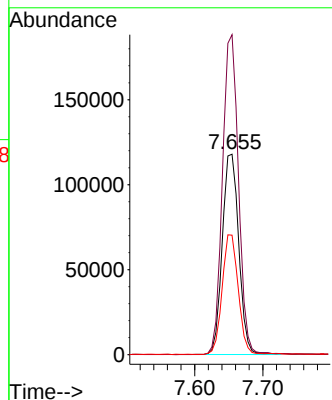
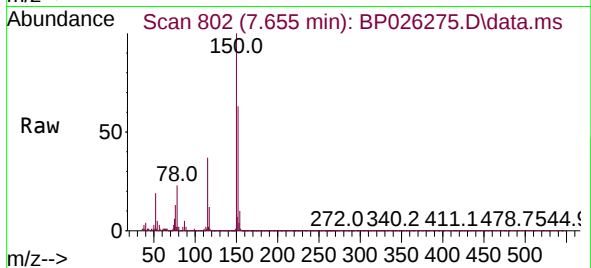




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026275.D
Acq: 10 Dec 2025 14:23

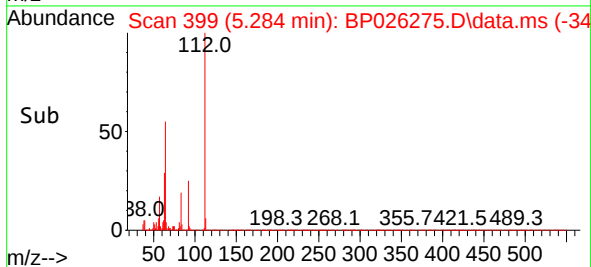
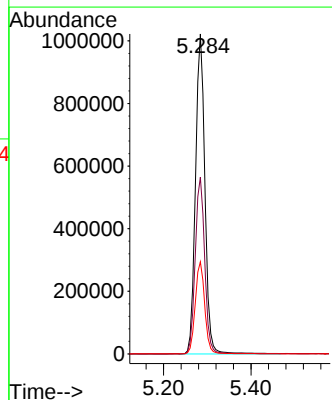
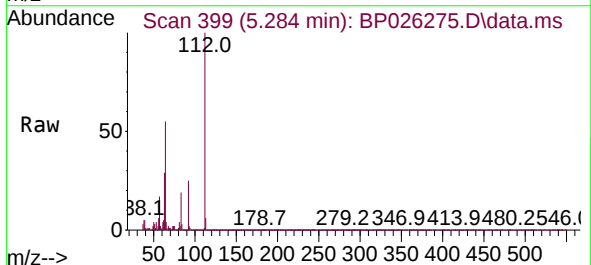
Instrument :
BNA_P
ClientSampleId :
PB170885BL

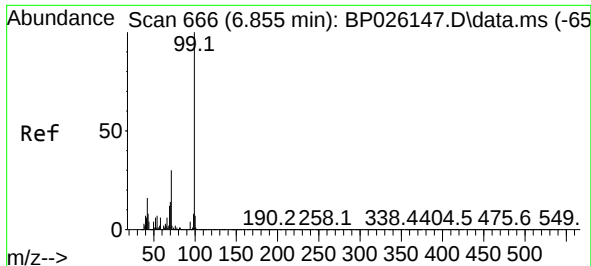
Tgt Ion:152 Resp: 197138
Ion Ratio Lower Upper
152 100
150 159.7 123.0 184.6
115 59.6 46.3 69.5



#5
2-Fluorophenol
Concen: 124.924 ng
RT: 5.284 min Scan# 399
Delta R.T. 0.006 min
Lab File: BP026275.D
Acq: 10 Dec 2025 14:23

Tgt Ion:112 Resp: 1531851
Ion Ratio Lower Upper
112 100
64 55.2 45.8 68.6
63 28.8 23.5 35.3

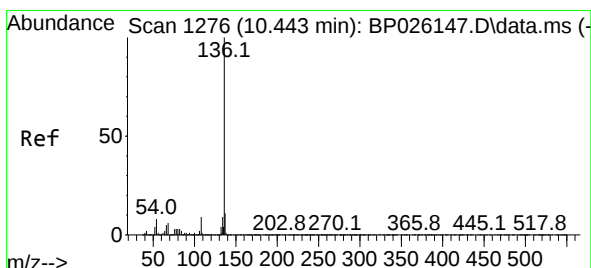
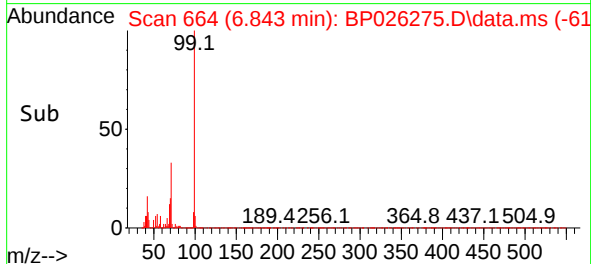
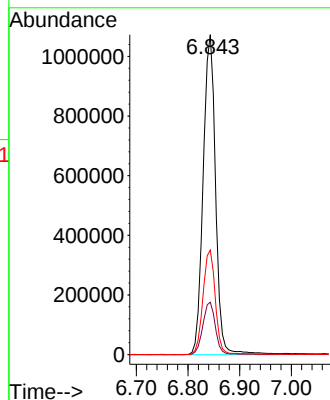
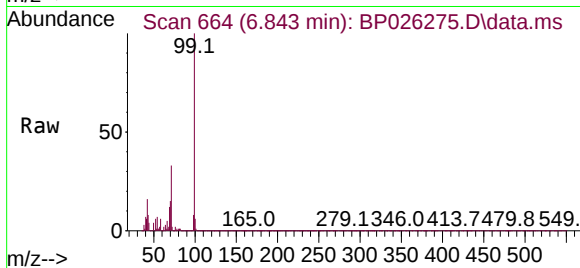




#7
Phenol-d6
Concen: 115.913 ng
RT: 6.843 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP026275.D
Acq: 10 Dec 2025 14:23

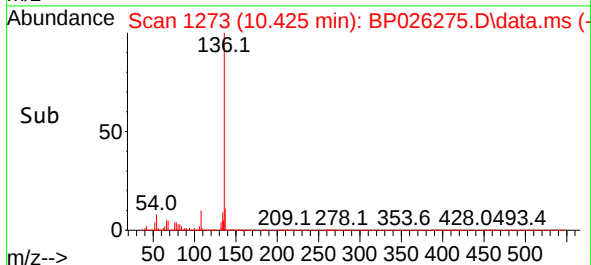
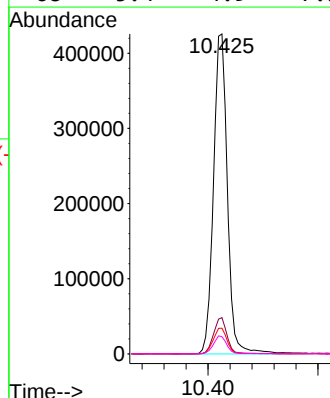
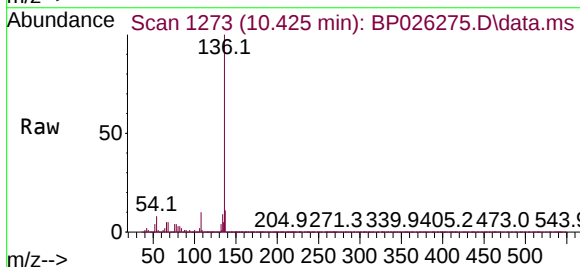
Instrument :
BNA_P
ClientSampleId :
PB170885BL

Tgt Ion: 99 Resp: 1794143
Ion Ratio Lower Upper
99 100
42 16.4 12.9 19.3
71 32.7 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BP026275.D
Acq: 10 Dec 2025 14:23

Tgt Ion: 136 Resp: 743504
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.0 6.4 9.6
68 5.4 4.9 7.3

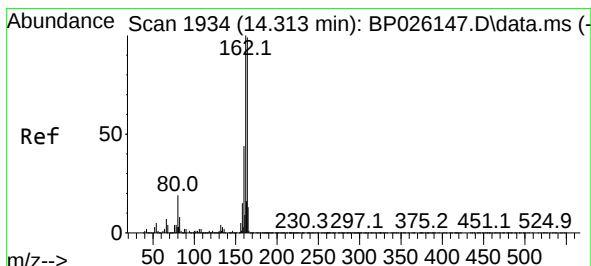
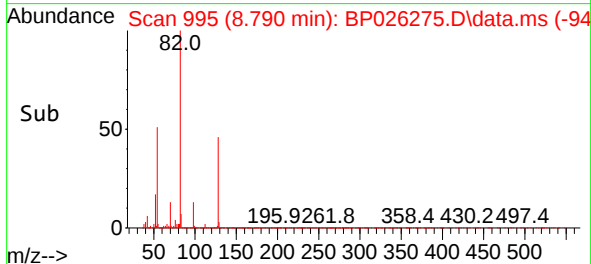
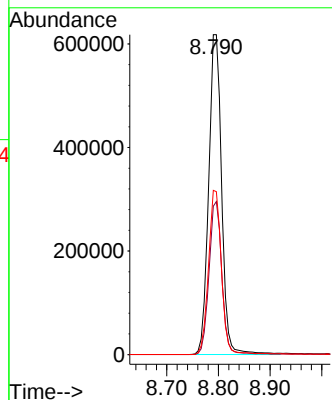
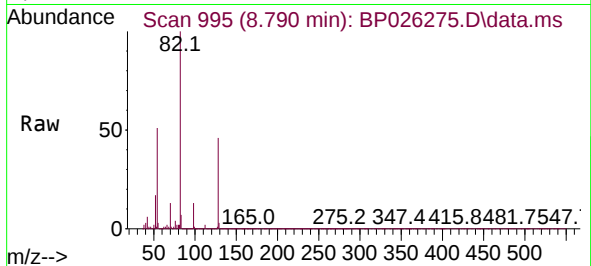




#23
Nitrobenzene-d5
Concen: 82.568 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026275.D
Acq: 10 Dec 2025 14:23

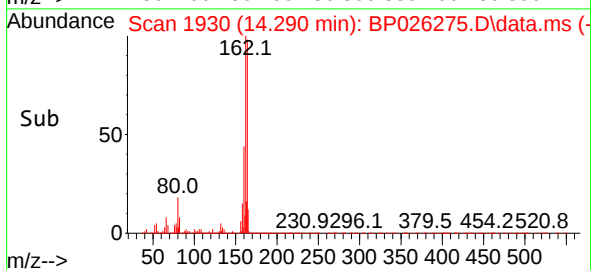
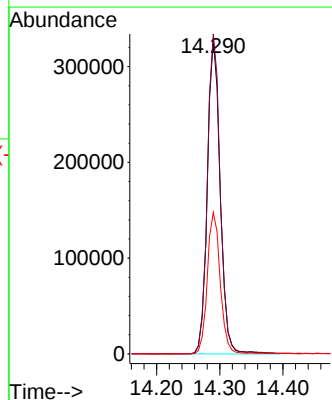
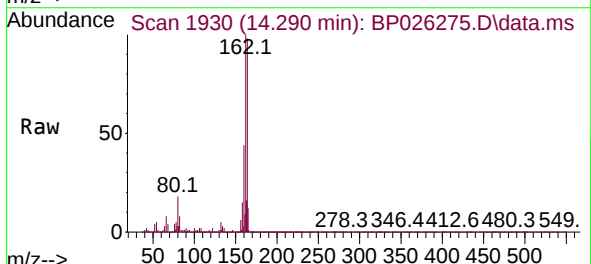
Instrument :
BNA_P
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PB170885BL

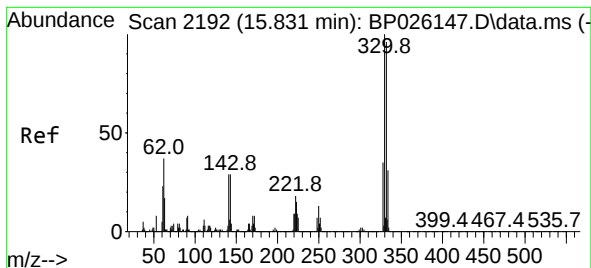
Tgt Ion: 82 Resp: 1078523
Ion Ratio Lower Upper
82 100
128 46.4 37.4 56.0
54 51.3 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.290 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP026275.D
Acq: 10 Dec 2025 14:23

Tgt Ion: 164 Resp: 462945
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 44.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 136.428 ng

RT: 15.807 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP026275.D

Acq: 10 Dec 2025 14:23

Instrument :

BNA_P

ClientSampleId :

PB170885BL

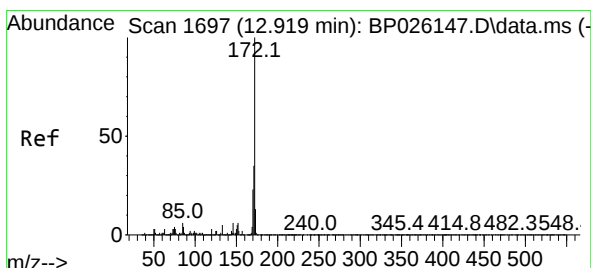
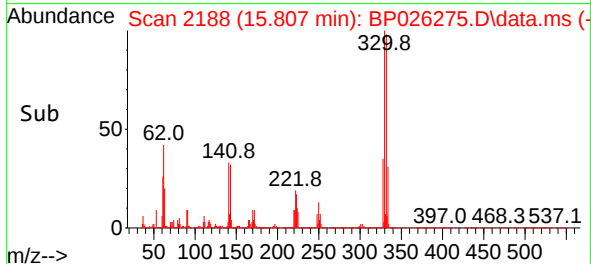
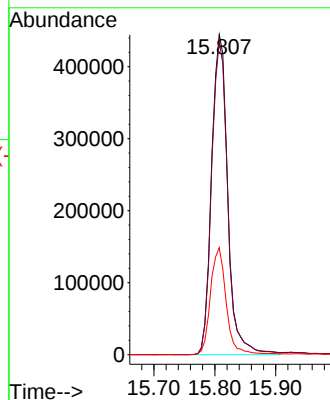
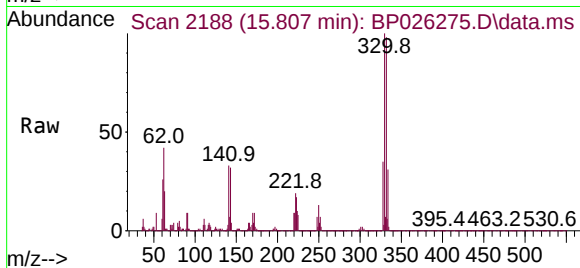
Tgt Ion:330 Resp: 821359

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 32.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 84.461 ng

RT: 12.896 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP026275.D

Acq: 10 Dec 2025 14:23

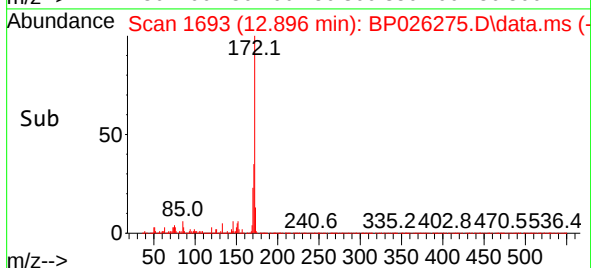
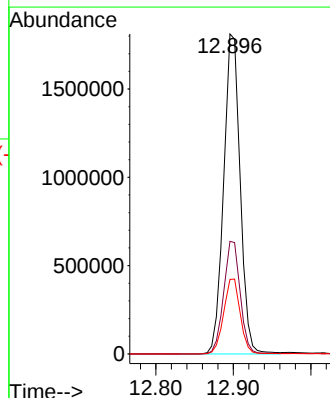
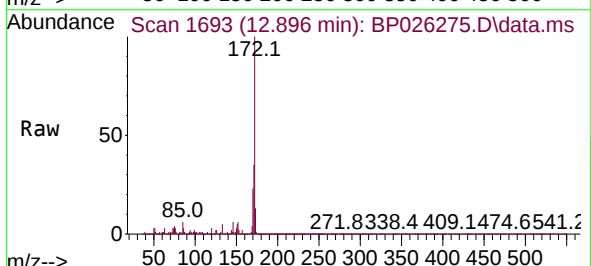
Tgt Ion:172 Resp: 2689389

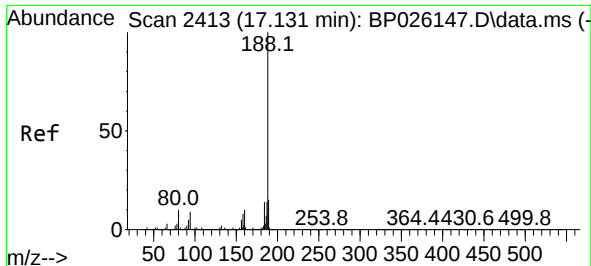
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.3 18.7 28.1

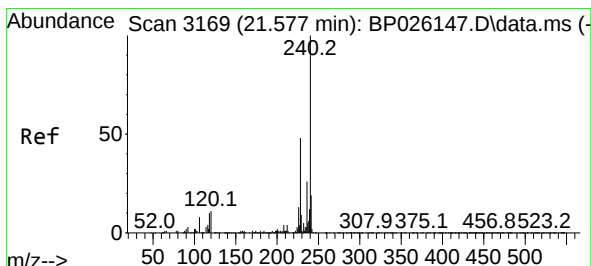
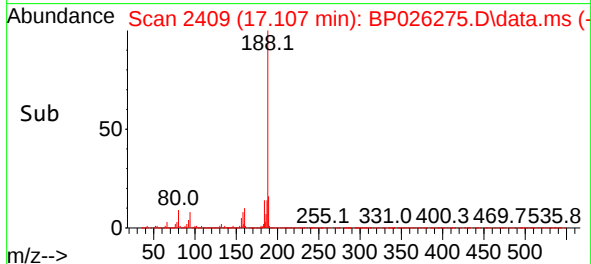
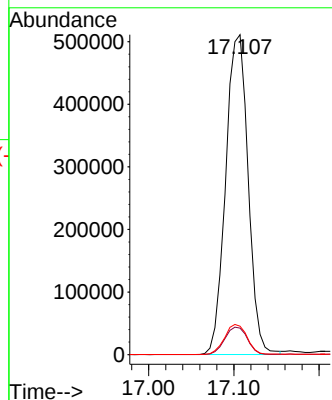
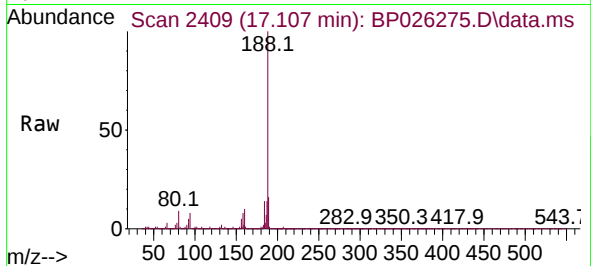




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.107 min Scan# 2413
Delta R.T. 0.012 min
Lab File: BP026275.D
Acq: 10 Dec 2025 14:23

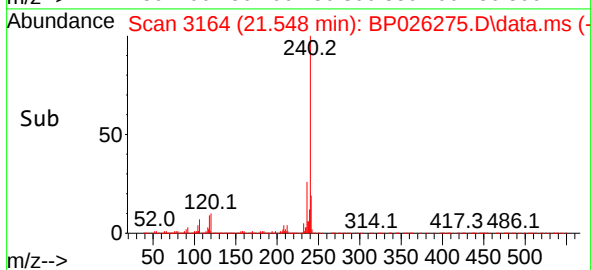
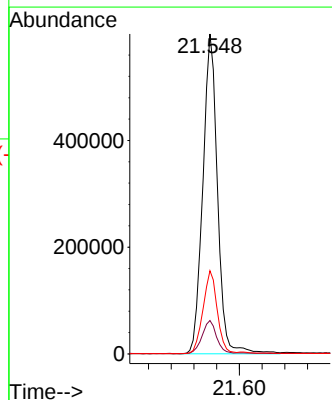
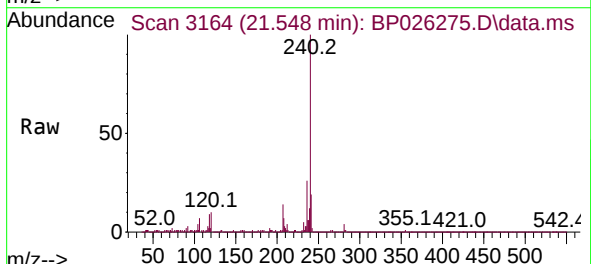
Instrument :
BNA_P
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PB170885BL

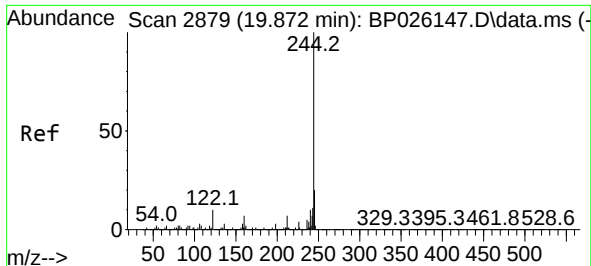
Tgt Ion:188 Resp: 937108
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 8.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.012 min
Lab File: BP026275.D
Acq: 10 Dec 2025 14:23

Tgt Ion:240 Resp: 1077485
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.0 20.4 30.6

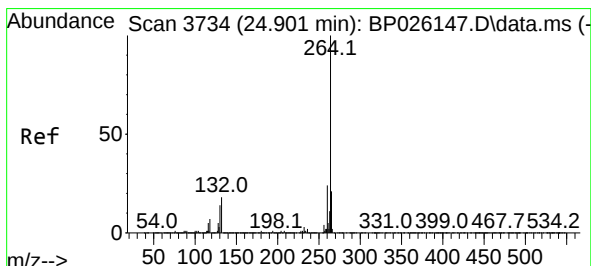
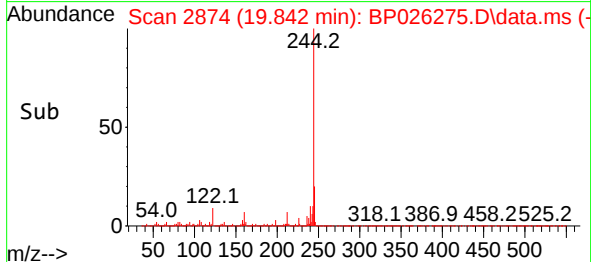
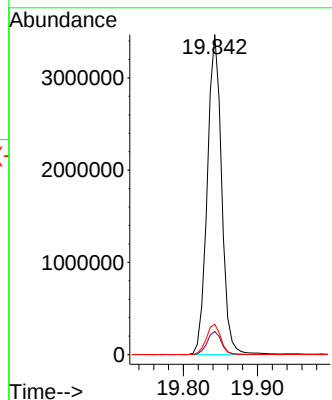
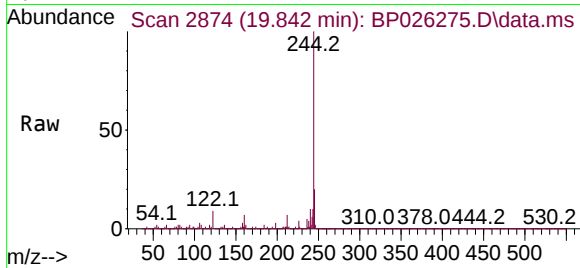




#79
 Terphenyl-d14
 Concen: 88.298 ng
 RT: 19.842 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP026275.D
 Acq: 10 Dec 2025 14:23

Instrument :
 BNA_P
 ClientSampleId :
 PB170885BL

Tgt Ion:244 Resp: 4654767
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.854 min Scan# 3726
 Delta R.T. 0.029 min
 Lab File: BP026275.D
 Acq: 10 Dec 2025 14:23

Tgt Ion:264 Resp: 1253152
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 22.0 17.5 26.3

