

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
 Data File : BP026277.D
 Acq On : 10 Dec 2025 15:48
 Operator : RC/JU
 Sample : Q3814-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 10 16:14:33 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)

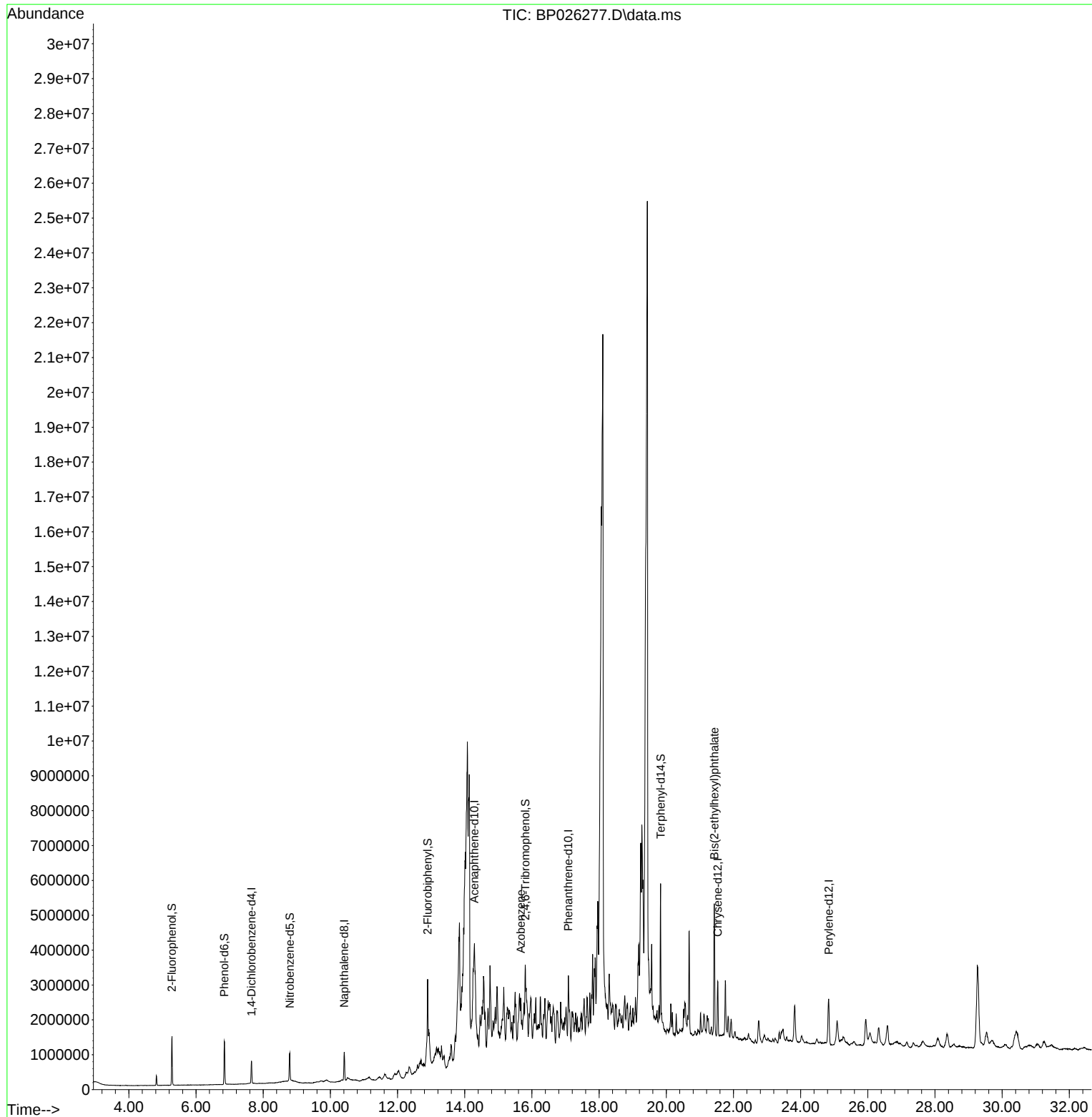
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	186279	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	722499	20.000	ng	0.00
39) Acenaphthene-d10	14.283	164	416786	20.000	ng	0.00
64) Phenanthrene-d10	17.083	188	884243	20.000	ng	-0.01
76) Chrysene-d12	21.530	240	1111191	20.000	ng	0.00
86) Perylene-d12	24.836	264	1365805	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	639748	55.214	ng	0.00
7) Phenol-d6	6.843	99	761877	52.092	ng	0.00
23) Nitrobenzene-d5	8.790	82	437980	34.505	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	351548	64.859	ng	0.00
45) 2-Fluorobiphenyl	12.895	172	981977	34.255	ng	0.00
79) Terphenyl-d14	19.830	244	1785628	32.845	ng	0.00
Target Compounds						
63) Azobenzene	15.666	77	64795	2.474	ng	Qvalue # 1
84) Bis(2-ethylhexyl)phtha...	21.430	149	775220	16.217	ng	# 56

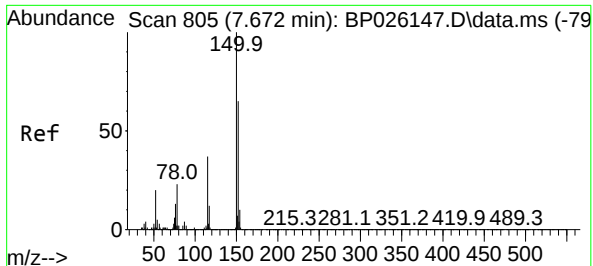
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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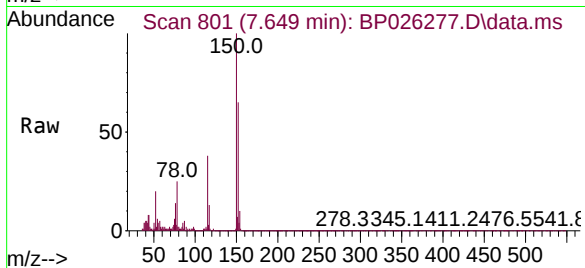
Quant Time: Dec 10 16:14:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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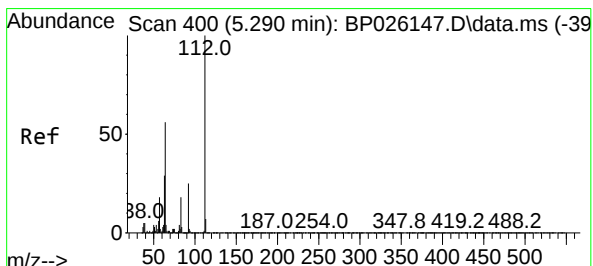
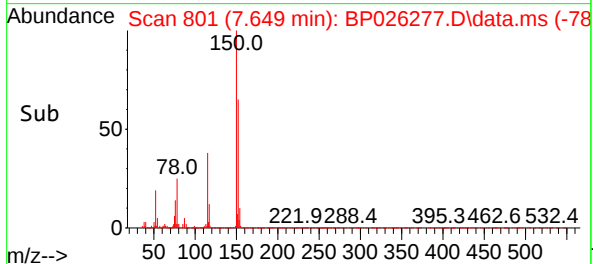
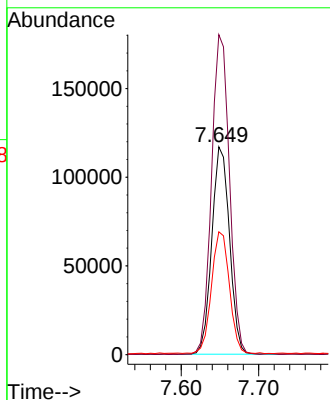


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP026277.D
Acq: 10 Dec 2025 15:48

Instrument :
BNA_P
ClientSampleId :

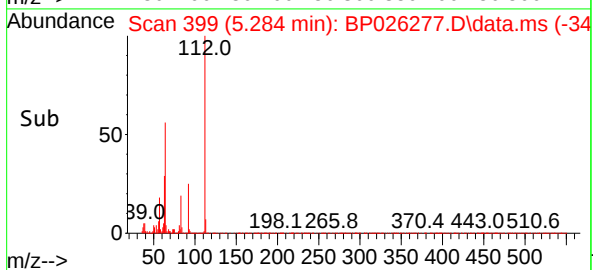
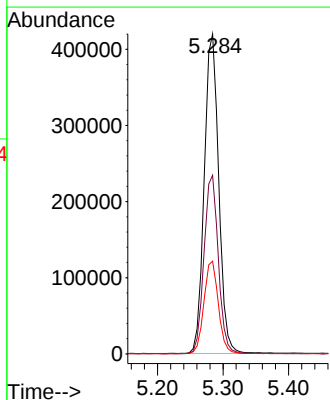
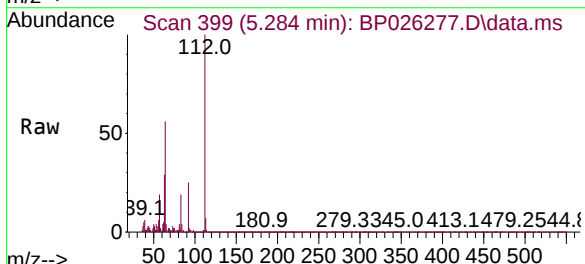


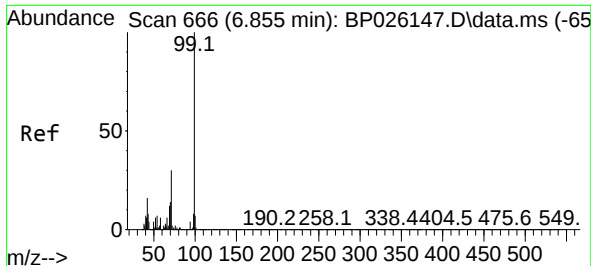
Tgt Ion:152 Resp: 186279
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.6
115 59.1 46.3 69.5



#5
2-Fluorophenol
Concen: 55.214 ng
RT: 5.284 min Scan# 399
Delta R.T. 0.006 min
Lab File: BP026277.D
Acq: 10 Dec 2025 15:48

Tgt Ion:112 Resp: 639748
Ion Ratio Lower Upper
112 100
64 55.8 45.8 68.6
63 29.0 23.5 35.3

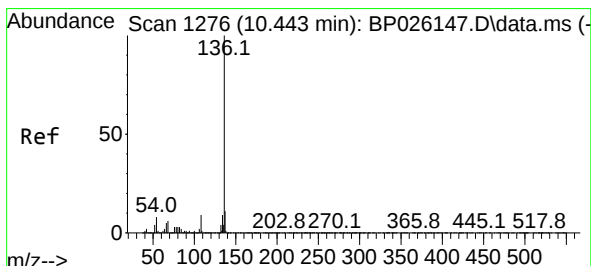
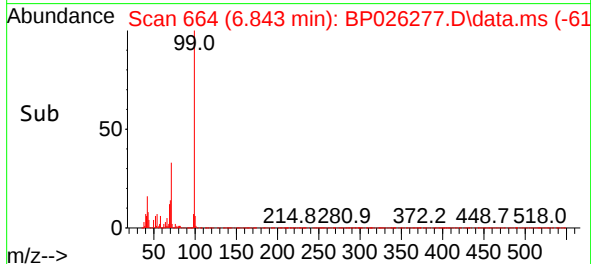
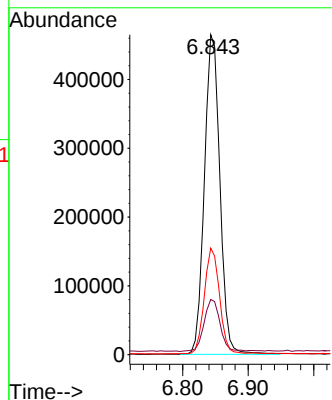
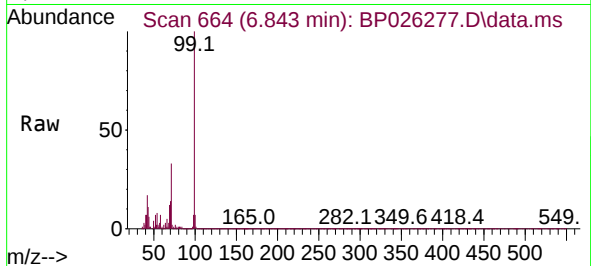




#7
Phenol-d6
Concen: 52.092 ng
RT: 6.843 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP026277.D
Acq: 10 Dec 2025 15:48

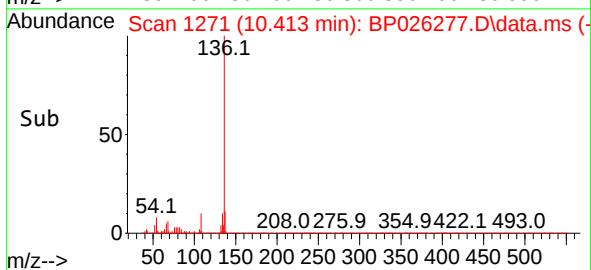
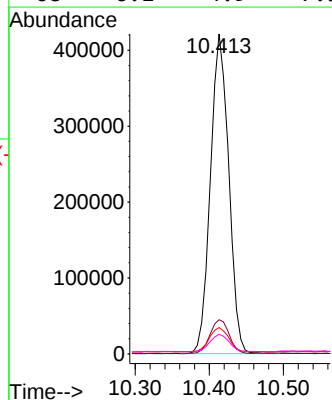
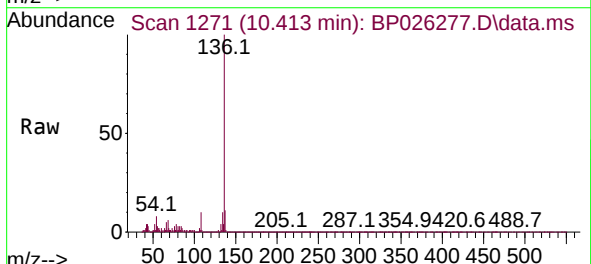
Instrument :
BNA_P
ClientSampleId :

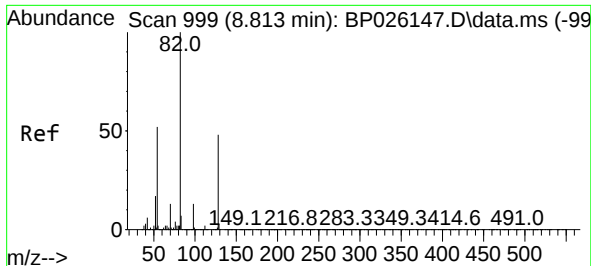
Tgt Ion: 99 Resp: 761877
Ion Ratio Lower Upper
99 100
42 17.2 12.9 19.3
71 33.3 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026277.D
Acq: 10 Dec 2025 15:48

Tgt Ion: 136 Resp: 722499
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.2 6.4 9.6
68 6.1 4.9 7.3

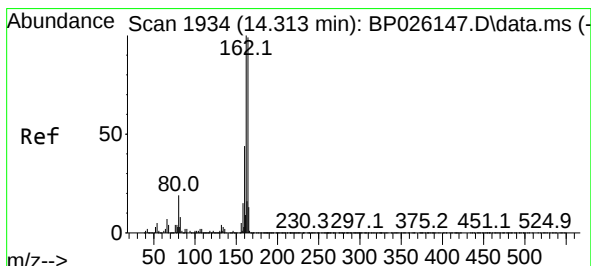
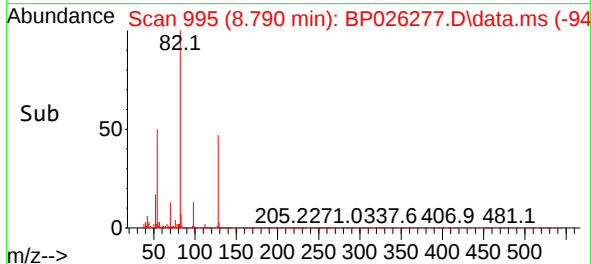
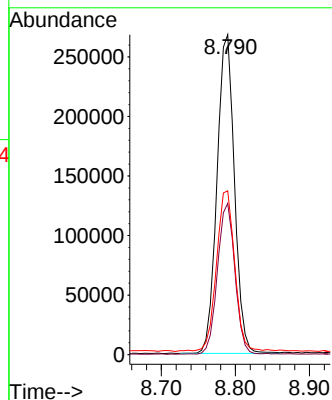
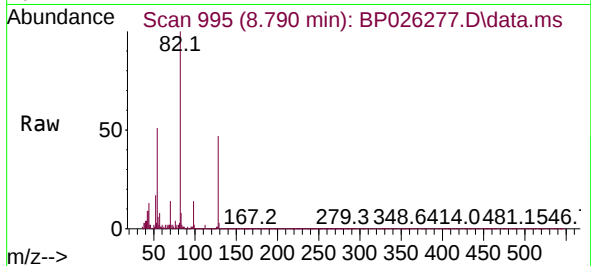




#23
Nitrobenzene-d5
Concen: 34.505 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026277.D
Acq: 10 Dec 2025 15:48

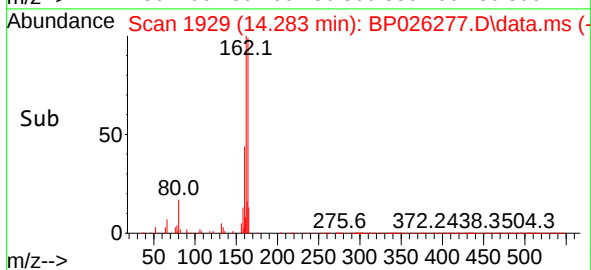
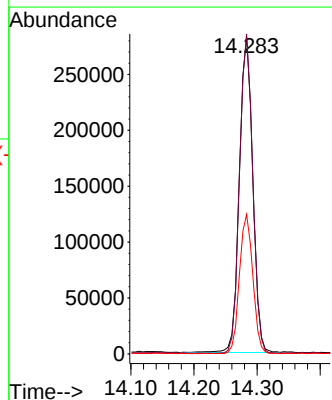
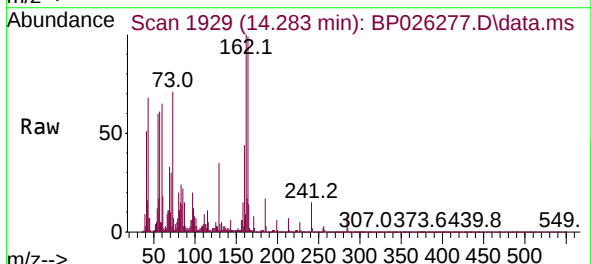
Instrument :
BNA_P
ClientSampleId :

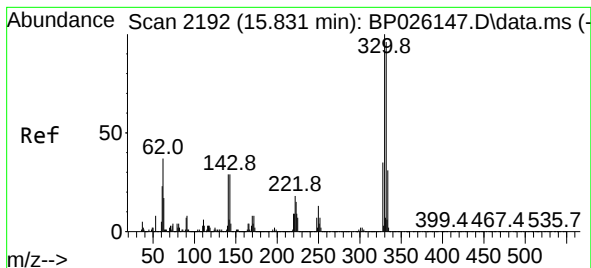
Tgt Ion: 82 Resp: 437980
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.0
54 51.2 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.283 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026277.D
Acq: 10 Dec 2025 15:48

Tgt Ion:164 Resp: 416786
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 64.859 ng

RT: 15.801 min Scan# 21

Delta R.T. -0.006 min

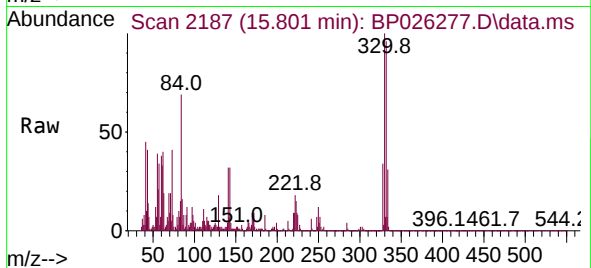
Lab File: BP026277.D

Acq: 10 Dec 2025 15:48

Instrument :

BNA_P

ClientSampleId :



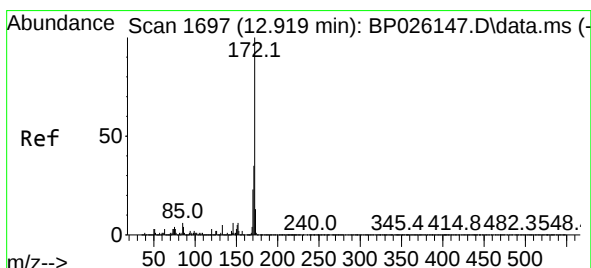
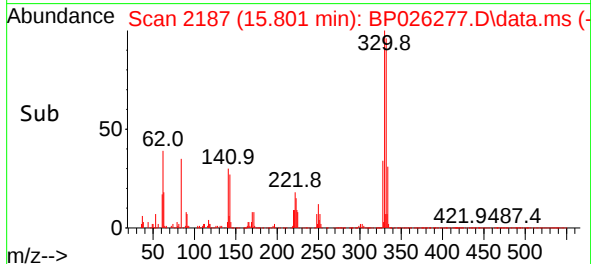
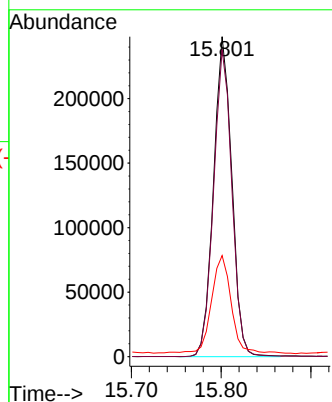
Tgt Ion:330 Resp: 351548

Ion Ratio Lower Upper

330 100

332 96.3 78.0 117.0

141 33.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 34.255 ng

RT: 12.895 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP026277.D

Acq: 10 Dec 2025 15:48

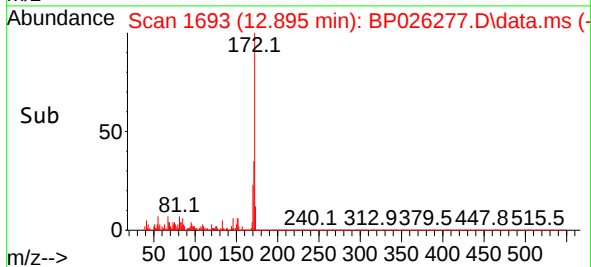
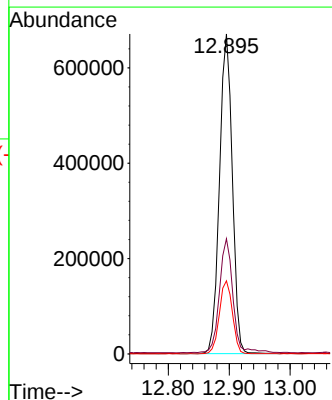
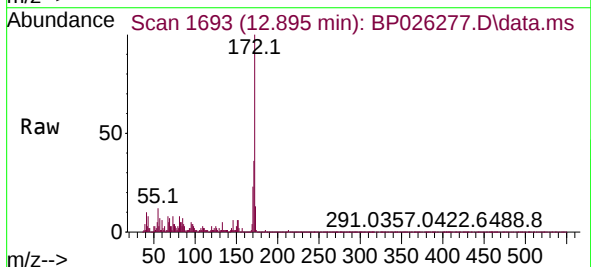
Tgt Ion:172 Resp: 981977

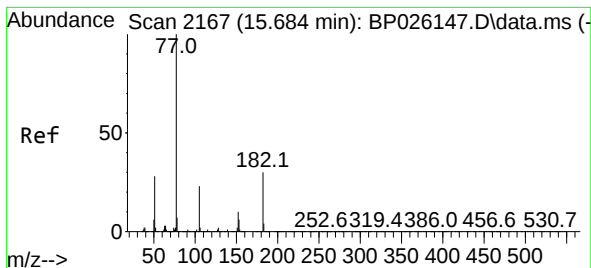
Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.4

170 22.9 18.7 28.1





#63

Azobenzene

Concen: 2.474 ng

RT: 15.666 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP026277.D

Acq: 10 Dec 2025 15:48

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 77 Resp: 64795

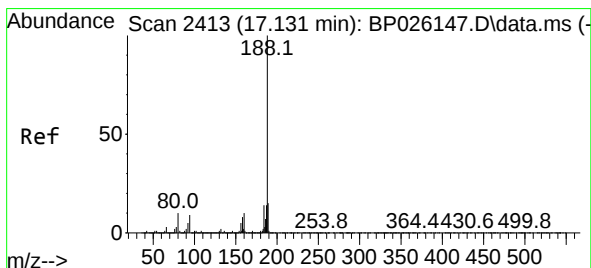
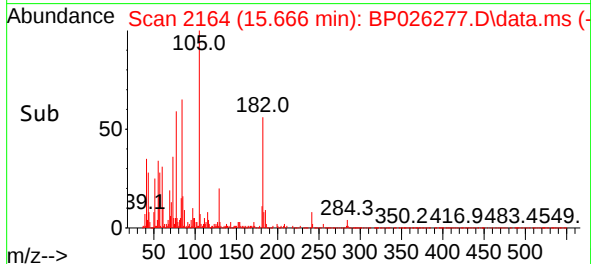
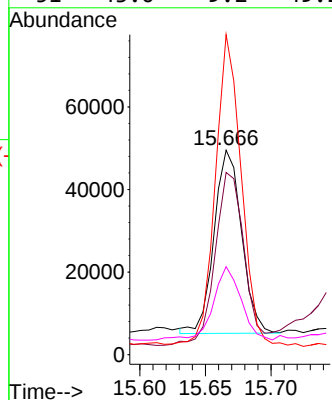
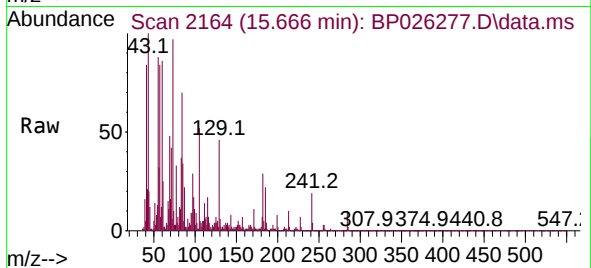
Ion Ratio Lower Upper

77 100

182 89.1 8.8 48.8#

105 156.6 2.6 42.6#

51 43.0 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: BP026277.D

Acq: 10 Dec 2025 15:48

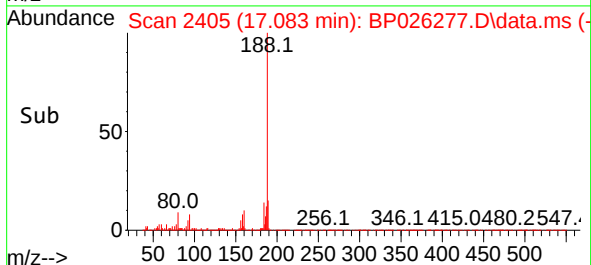
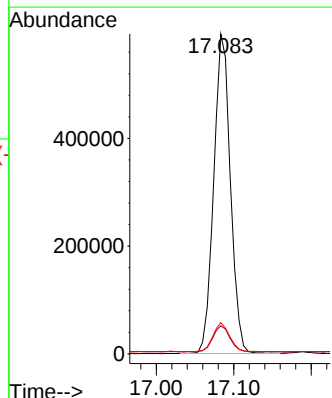
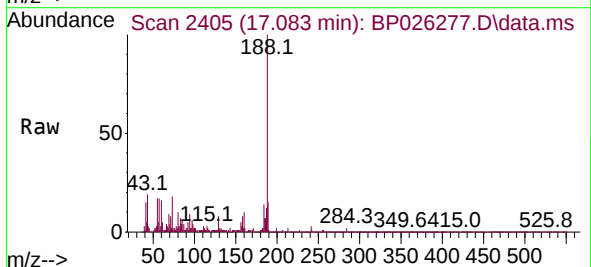
Tgt Ion:188 Resp: 884243

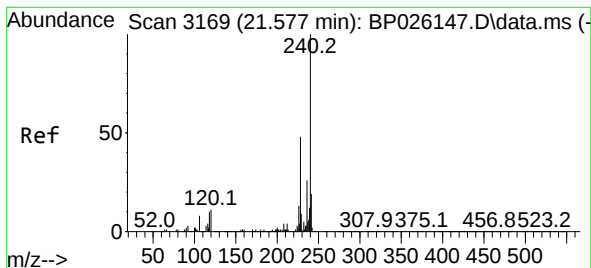
Ion Ratio Lower Upper

188 100

94 8.8 7.8 11.6

80 9.8 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: BP026277.D

Acq: 10 Dec 2025 15:48

Instrument :

BNA_P

ClientSampleId :

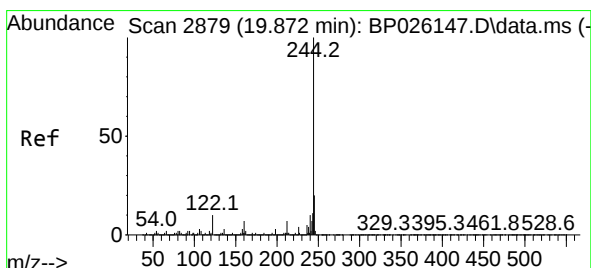
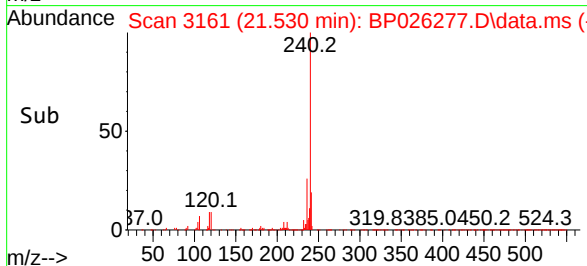
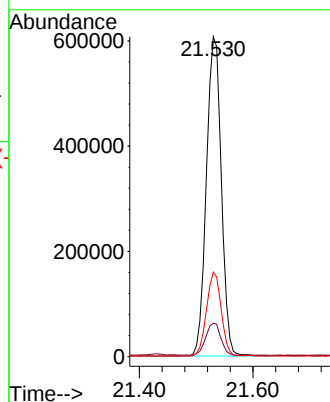
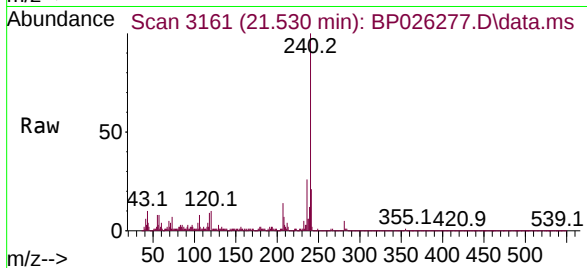
Tgt Ion:240 Resp: 1111191

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

236 26.4 20.4 30.6



#79

Terphenyl-d14

Concen: 32.845 ng

RT: 19.830 min Scan# 2872

Delta R.T. -0.006 min

Lab File: BP026277.D

Acq: 10 Dec 2025 15:48

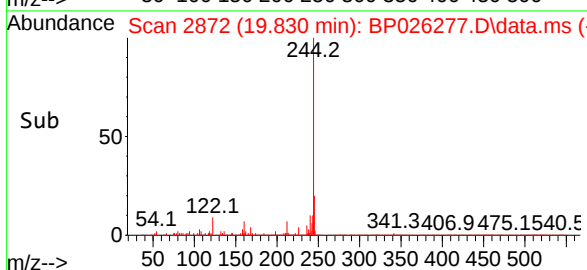
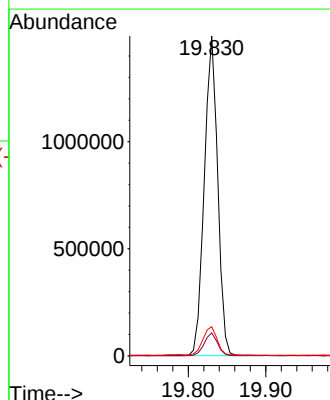
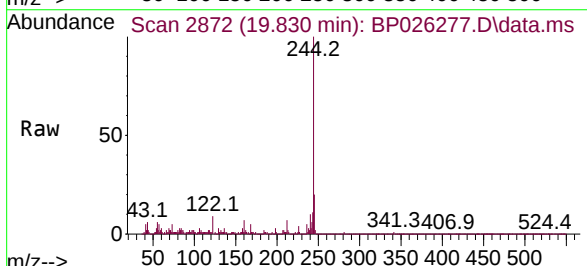
Tgt Ion:244 Resp: 1785628

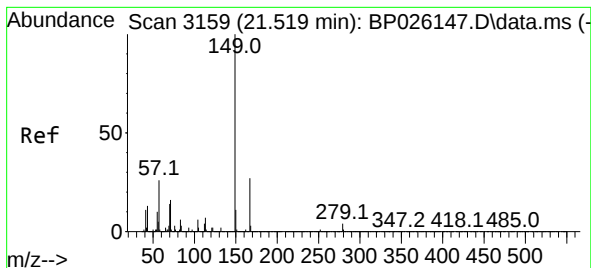
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.1 8.2 12.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.217 ng

RT: 21.430 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP026277.D

Acq: 10 Dec 2025 15:48

Instrument :

BNA_P

ClientSampleId :

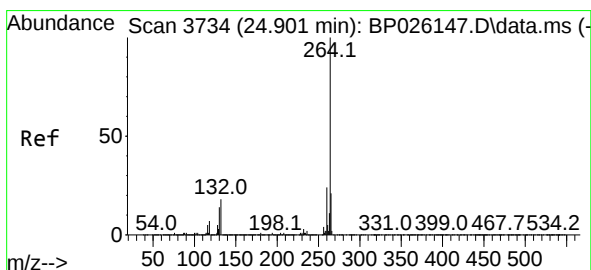
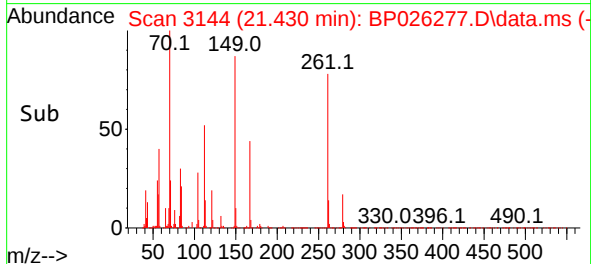
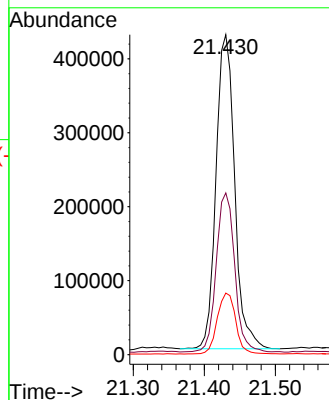
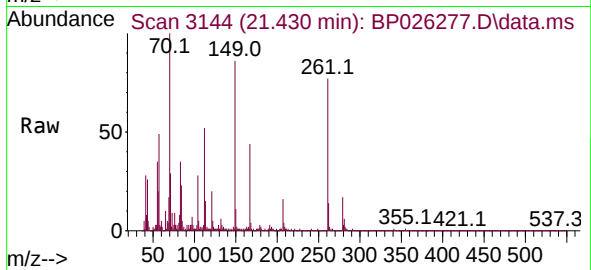
Tgt Ion:149 Resp: 775220

Ion Ratio Lower Upper

149 100

167 50.5 22.1 33.1#

279 19.2 3.3 4.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.836 min Scan# 3723

Delta R.T. 0.011 min

Lab File: BP026277.D

Acq: 10 Dec 2025 15:48

Tgt Ion:264 Resp: 1365805

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.4 17.5 26.3

