

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
 Data File : BP026316.D
 Acq On : 12 Dec 2025 19:07
 Operator : RC/JU
 Sample : Q3839-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AN5

Quant Time: Dec 15 02:19:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 15 01:38:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

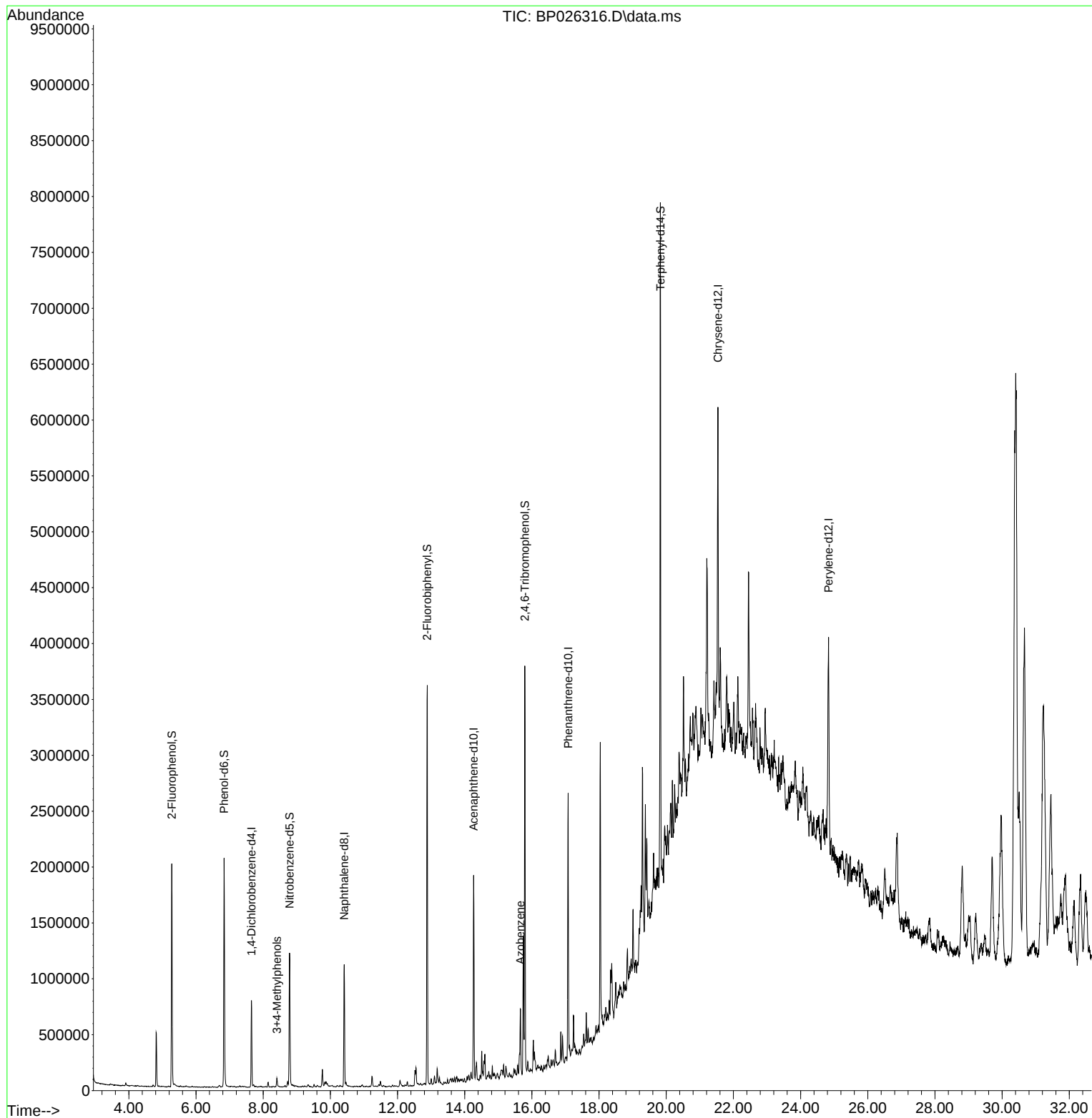
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	218390	20.000	ng	-0.02
21) Naphthalene-d8	10.413	136	934074	20.000	ng	-0.03
39) Acenaphthene-d10	14.266	164	637315	20.000	ng	-0.05
64) Phenanthrene-d10	17.078	188	1426387	20.000	ng	-0.05
76) Chrysene-d12	21.536	240	1714188	20.000	ng	-0.04
86) Perylene-d12	24.830	264	1886943	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	973904	71.694	ng	-0.01
7) Phenol-d6	6.837	99	1215770	70.903	ng	-0.02
23) Nitrobenzene-d5	8.784	82	733538	44.700	ng	-0.03
42) 2,4,6-Tribromophenol	15.790	330	709812	85.643	ng	-0.04
45) 2-Fluorobiphenyl	12.884	172	1932325	44.081	ng	-0.04
79) Terphenyl-d14	19.825	244	3144226	37.490	ng	-0.05
Target Compounds						
20) 3+4-Methylphenols	8.408	107	44246	2.560	ng	Qvalue 93
63) Azobenzene	15.654	77	157229	3.926	ng	# 1

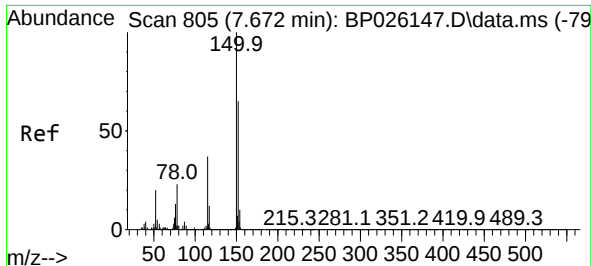
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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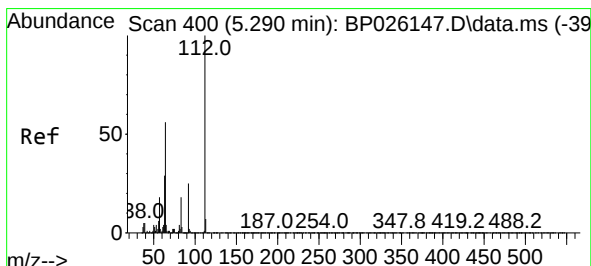
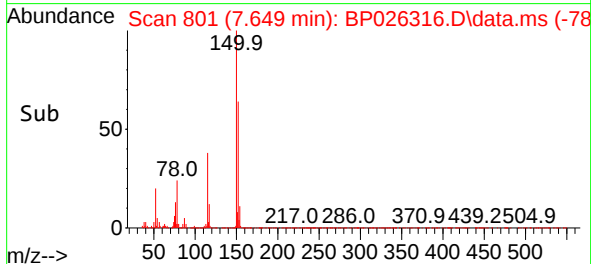
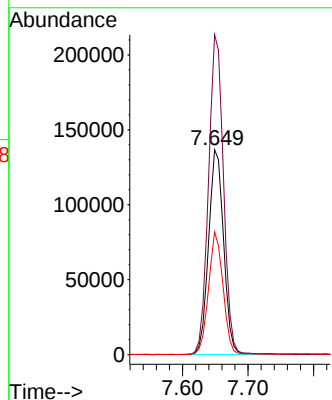
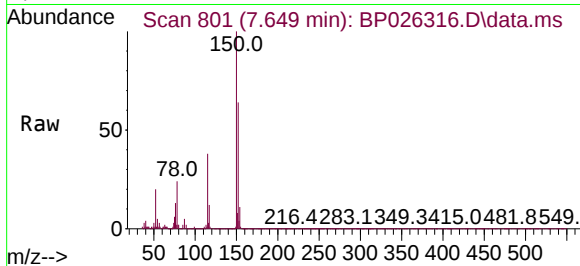




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.023 min
Lab File: BP026316.D
Acq: 12 Dec 2025 19:07

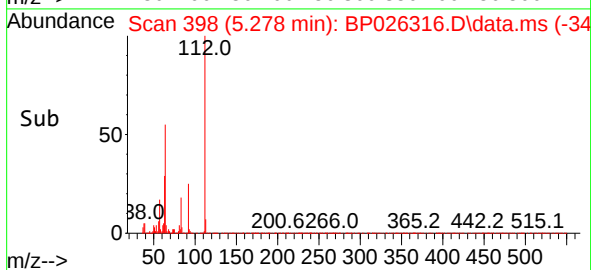
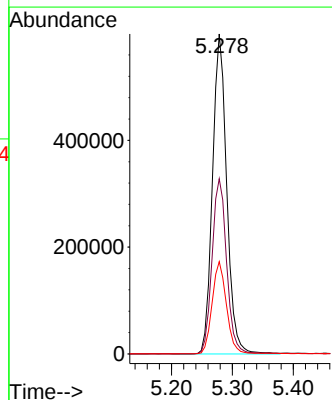
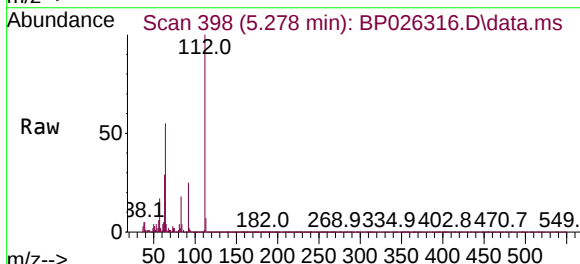
Instrument :
BNA_P
ClientSampleId :
COAN5

Tgt Ion:152 Resp: 218390
Ion Ratio Lower Upper
152 100
150 156.2 123.0 184.6
115 59.9 46.3 69.5



#5
2-Fluorophenol
Concen: 71.694 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.012 min
Lab File: BP026316.D
Acq: 12 Dec 2025 19:07

Tgt Ion:112 Resp: 973904
Ion Ratio Lower Upper
112 100
64 54.7 45.8 68.6
63 28.8 23.5 35.3

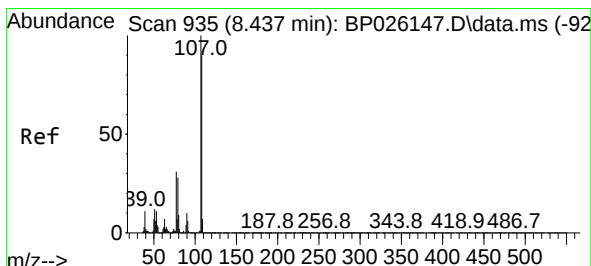
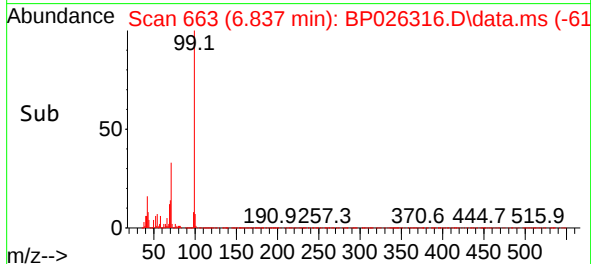
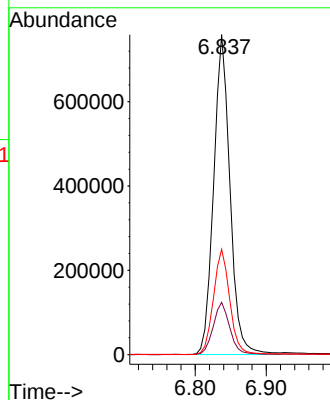
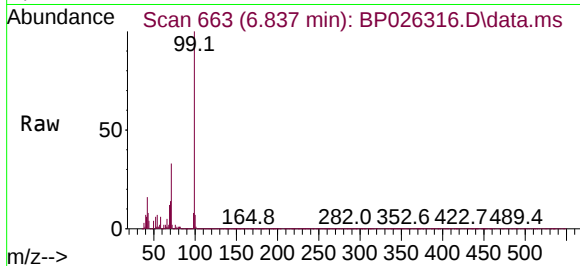




#7
Phenol-d6
Concen: 70.903 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP026316.D
Acq: 12 Dec 2025 19:07

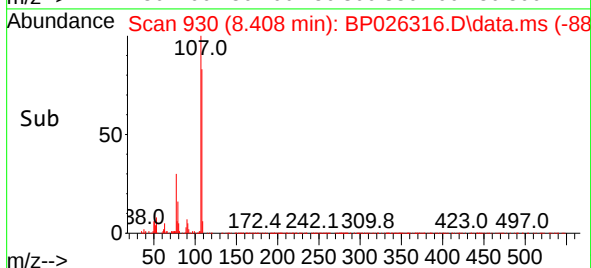
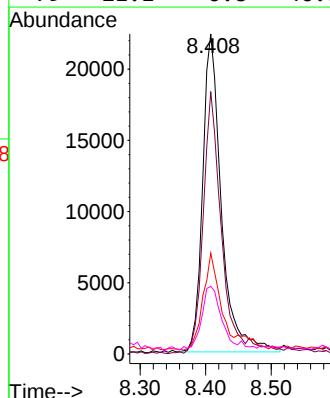
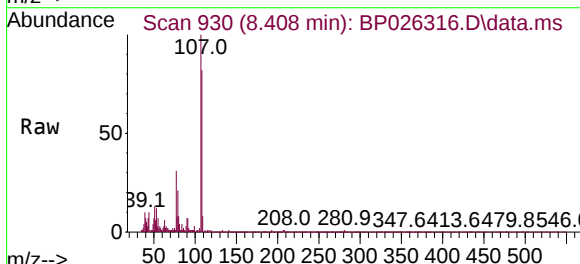
Instrument :
BNA_P
ClientSampleId :
COAN5

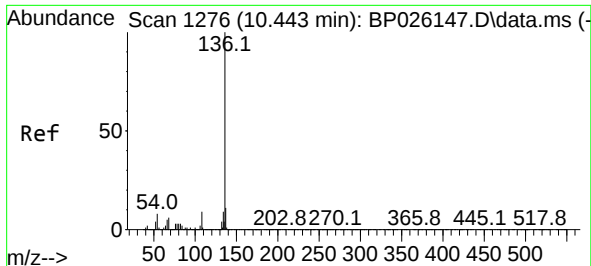
Tgt Ion: 99 Resp: 1215770
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 32.9 24.8 37.2



#20
3+4-Methylphenols
Concen: 2.560 ng
RT: 8.408 min Scan# 930
Delta R.T. -0.029 min
Lab File: BP026316.D
Acq: 12 Dec 2025 19:07

Tgt Ion:107 Resp: 44246
Ion Ratio Lower Upper
107 100
108 82.0 68.9 108.9
77 31.5 10.4 50.4
79 21.1 6.8 46.8



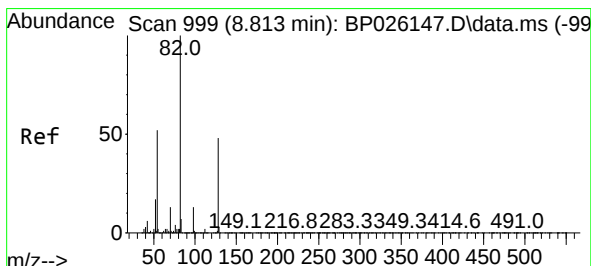
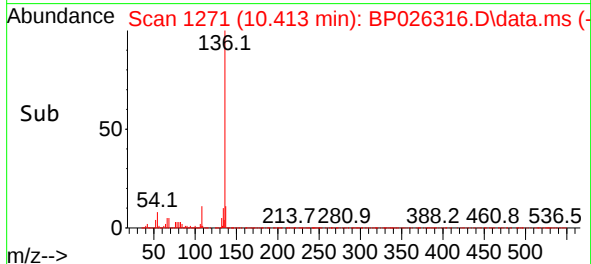
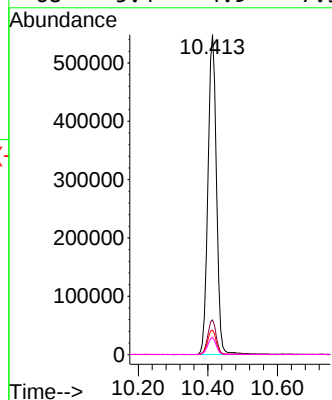
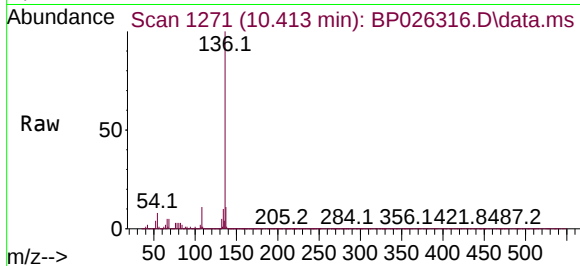


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026316.D
Acq: 12 Dec 2025 19:07

Instrument :
BNA_P
ClientSampleId :
COAN5

Tgt Ion:136 Resp: 934074

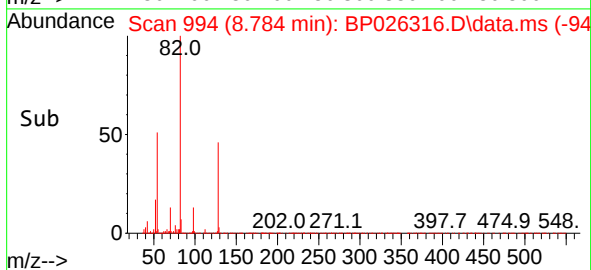
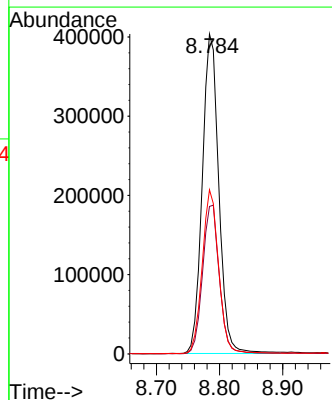
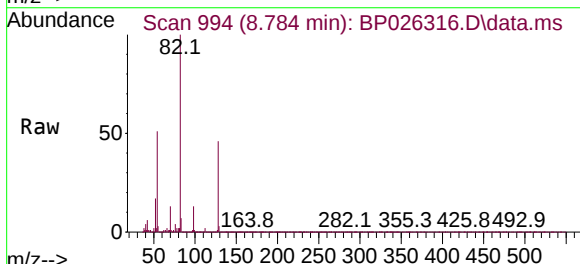
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	6.4	9.6
68	5.4	4.9	7.3

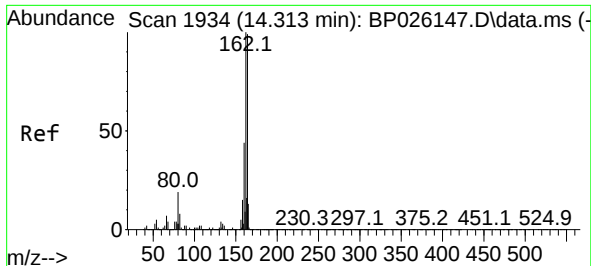


#23
Nitrobenzene-d5
Concen: 44.700 ng
RT: 8.784 min Scan# 994
Delta R.T. -0.029 min
Lab File: BP026316.D
Acq: 12 Dec 2025 19:07

Tgt Ion: 82 Resp: 733538

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.4	56.0
54	51.3	41.6	62.4

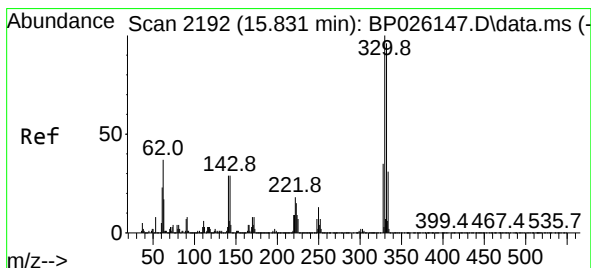
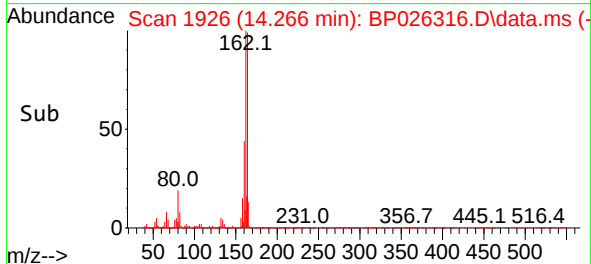
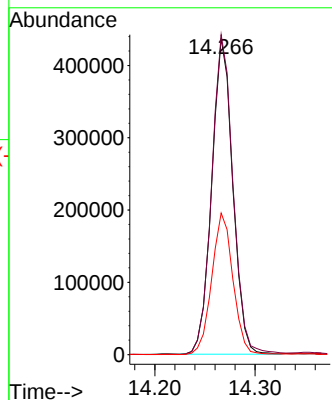
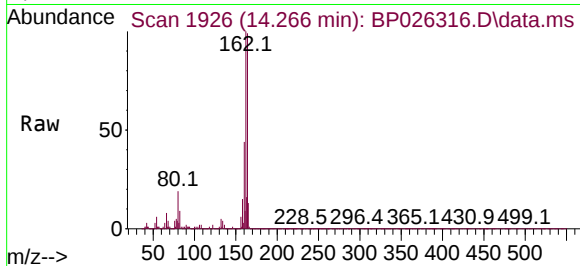




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.266 min Scan# 1934
Delta R.T. -0.047 min
Lab File: BP026316.D
Acq: 12 Dec 2025 19:07

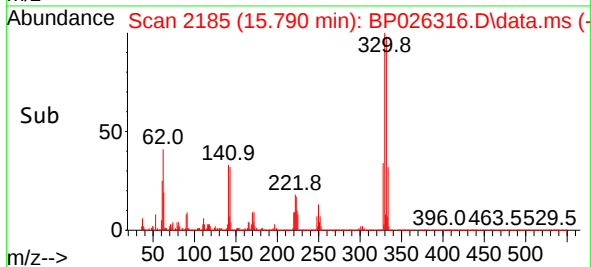
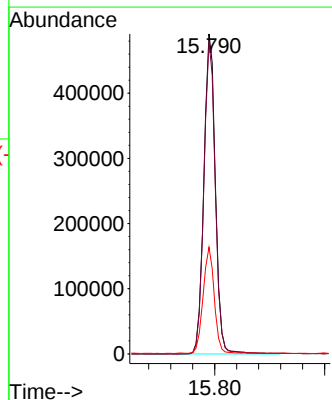
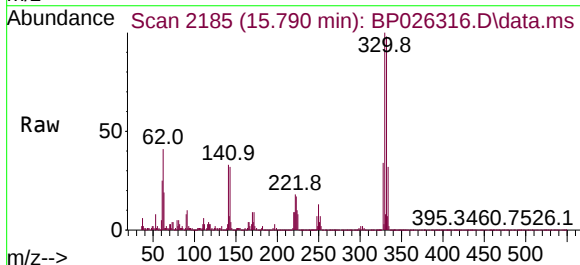
Instrument :
BNA_P
ClientSampleId :
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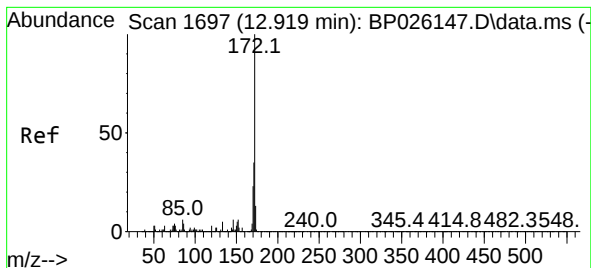
Tgt Ion:164 Resp: 637315
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 44.7 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 85.643 ng
RT: 15.790 min Scan# 2185
Delta R.T. -0.041 min
Lab File: BP026316.D
Acq: 12 Dec 2025 19:07

Tgt Ion:330 Resp: 709812
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 31.9 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 44.081 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.035 min

Lab File: BP026316.D

Acq: 12 Dec 2025 19:07

Instrument :

BNA_P

ClientSampleId :

COAN5

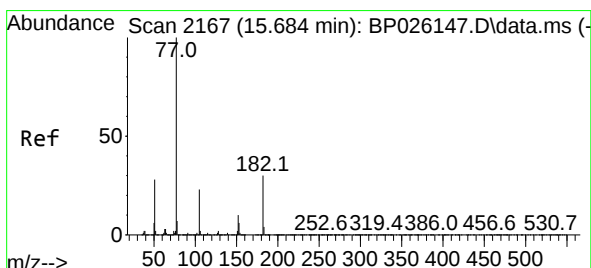
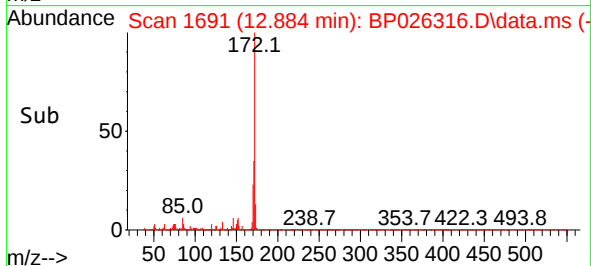
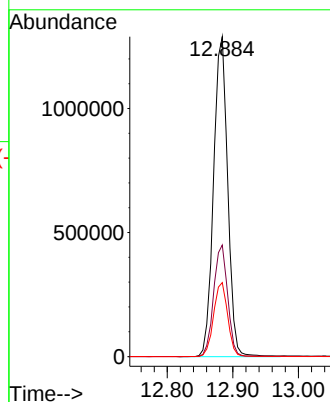
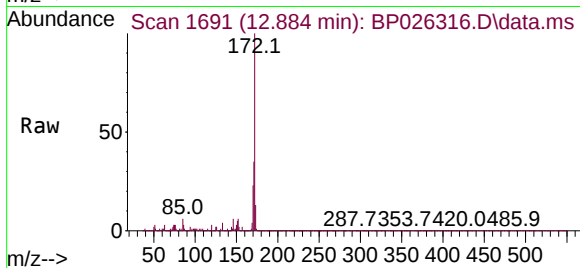
Tgt Ion:172 Resp: 1932325

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.1 18.7 28.1



#63

Azobenzene

Concen: 3.926 ng

RT: 15.654 min Scan# 2162

Delta R.T. -0.029 min

Lab File: BP026316.D

Acq: 12 Dec 2025 19:07

Tgt Ion: 77 Resp: 157229

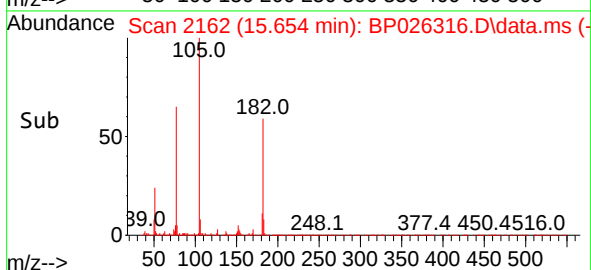
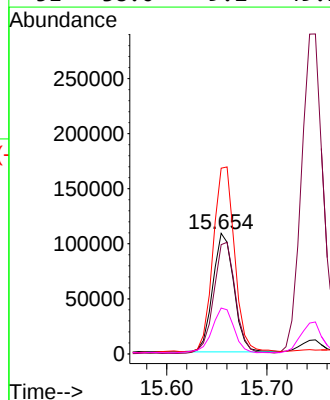
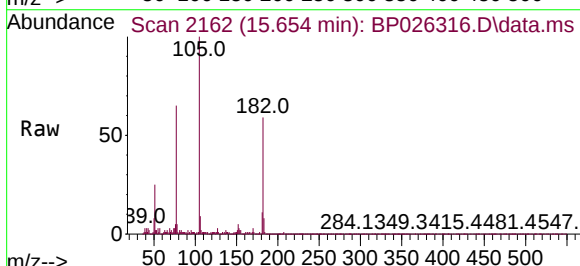
Ion Ratio Lower Upper

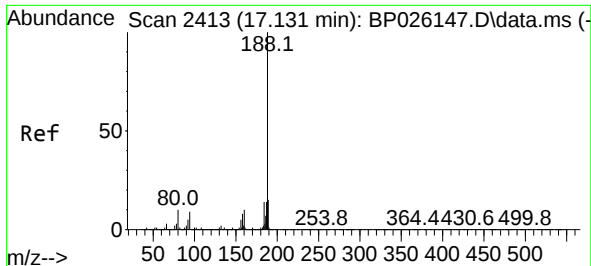
77 100

182 90.6 8.8 48.8#

105 154.1 2.6 42.6#

51 38.0 9.2 49.2

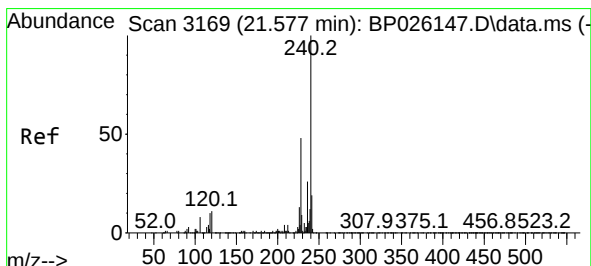
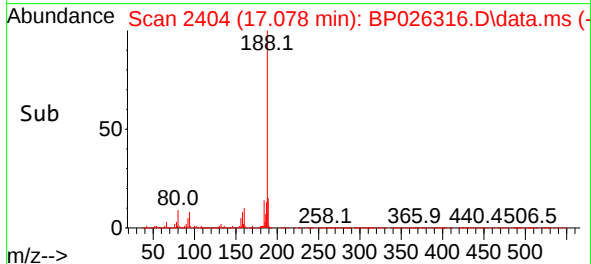
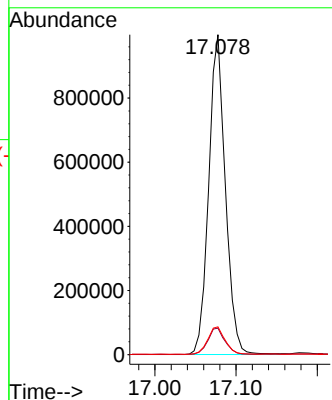
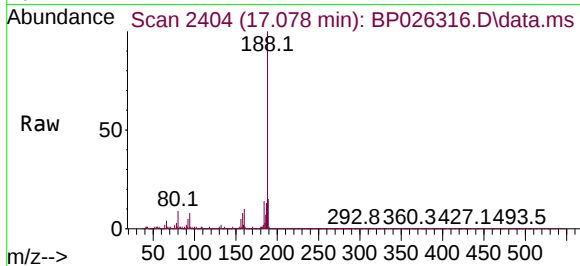




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.078 min Scan# 2413
Delta R.T. -0.053 min
Lab File: BP026316.D
Acq: 12 Dec 2025 19:07

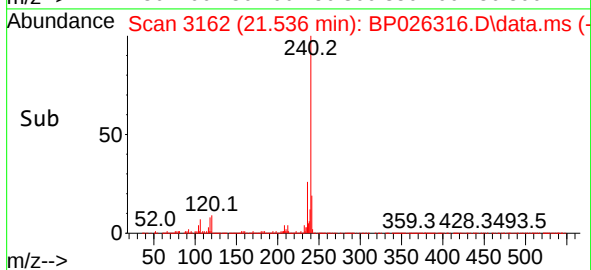
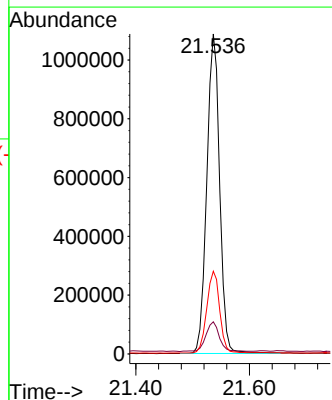
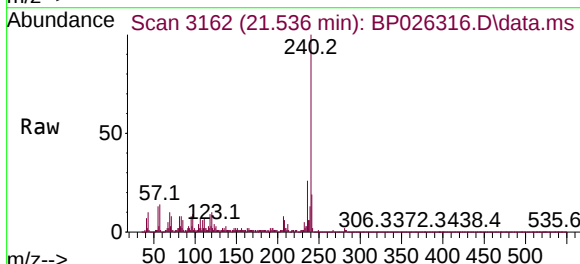
Instrument :
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C0AN5

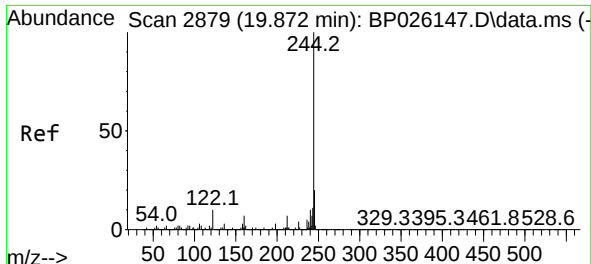
Tgt Ion:188 Resp: 1426387
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 8.7 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.041 min
Lab File: BP026316.D
Acq: 12 Dec 2025 19:07

Tgt Ion:240 Resp: 1714188
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 25.8 20.4 30.6

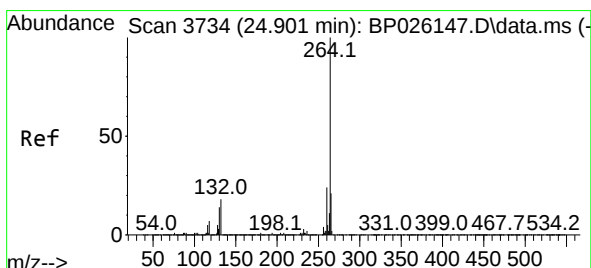
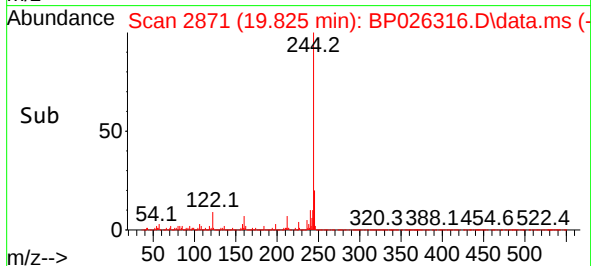
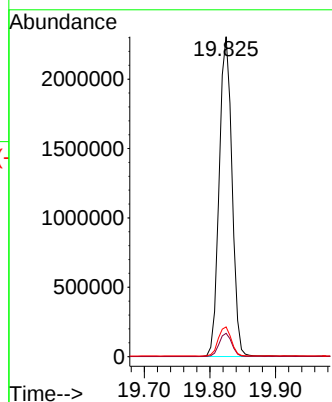
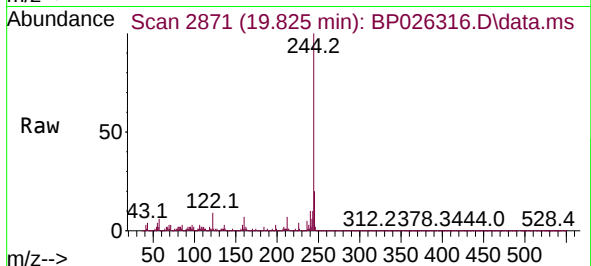




#79
 Terphenyl-d14
 Concen: 37.490 ng
 RT: 19.825 min Scan# 21
 Delta R.T. -0.047 min
 Lab File: BP026316.D
 Acq: 12 Dec 2025 19:07

Instrument :
 BNA_P
 ClientSampleId :
 COAN5

Tgt Ion:244 Resp: 3144226
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.830 min Scan# 3722
 Delta R.T. -0.070 min
 Lab File: BP026316.D
 Acq: 12 Dec 2025 19:07

Tgt Ion:264 Resp: 1886943
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.9 17.5 26.3

