

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
 Data File : BP025966.D
 Acq On : 09 Oct 2025 15:46
 Operator : RC/JU
 Sample : Q3308-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-3(6.0-6.5)RE

Quant Time: Oct 09 16:08:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

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

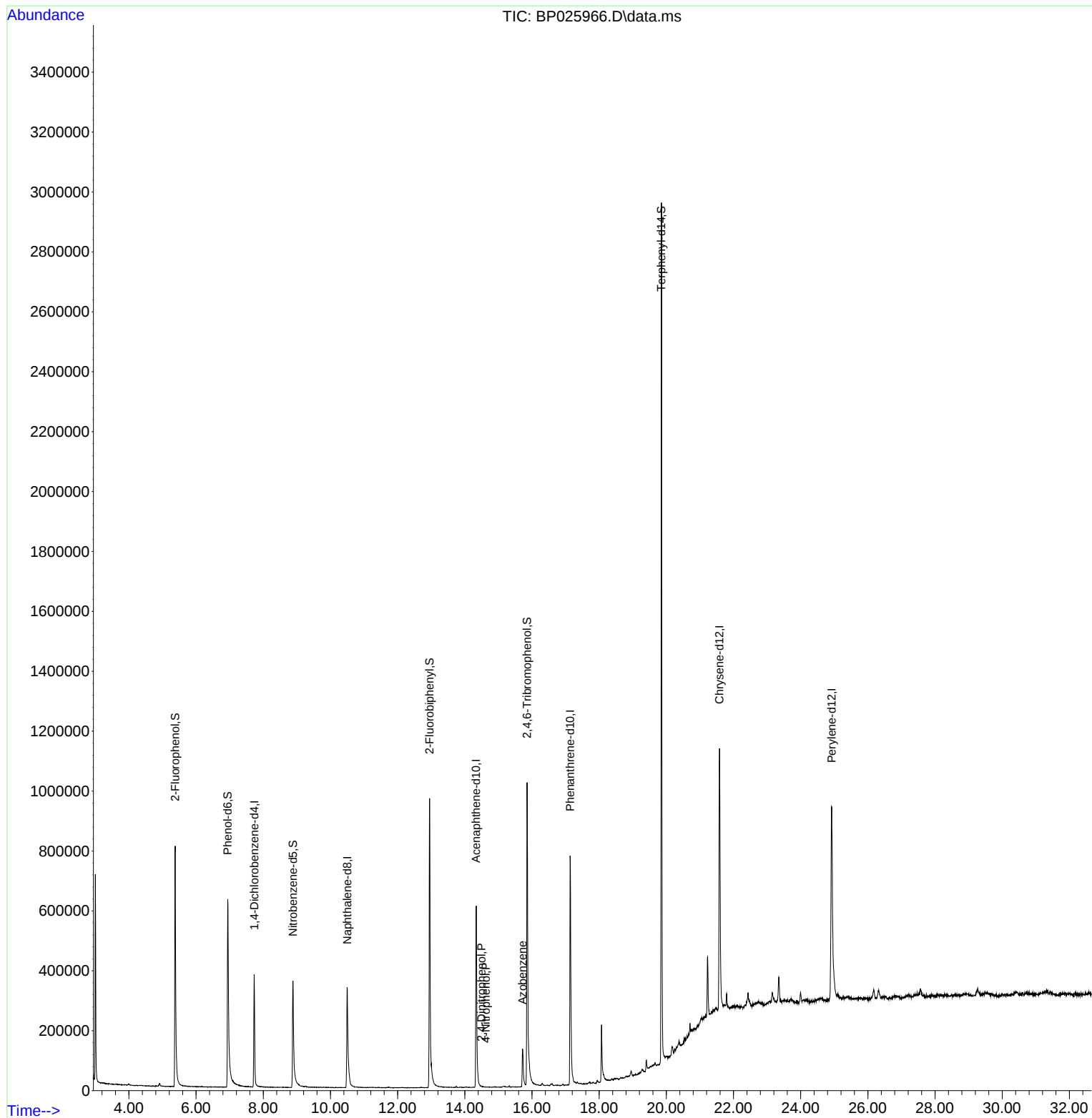
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	118110	20.000	ng	0.00
21) Naphthalene-d8	10.501	136	448145	20.000	ng	0.01
39) Acenaphthene-d10	14.336	164	312575	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	686694	20.000	ng	0.00
76) Chrysene-d12	21.583	240	796537	20.000	ng	0.01
86) Perylene-d12	24.924	264	827201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	477340	65.963	ng	0.00
7) Phenol-d6	6.943	99	593476	62.104	ng	0.00
23) Nitrobenzene-d5	8.884	82	338756	33.831	ng	0.00
42) 2,4,6-Tribromophenol	15.854	330	302797	77.570	ng	0.00
45) 2-Fluorobiphenyl	12.954	172	735122	31.593	ng	0.00
79) Terphenyl-d14	19.854	244	1691318	38.287	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.495	184	13	4.824	ng	# 69
56) 4-Nitrophenol	14.625	139	12	4.537	ng	# 16
63) Azobenzene	15.719	77	63853	2.786	ng	# 1

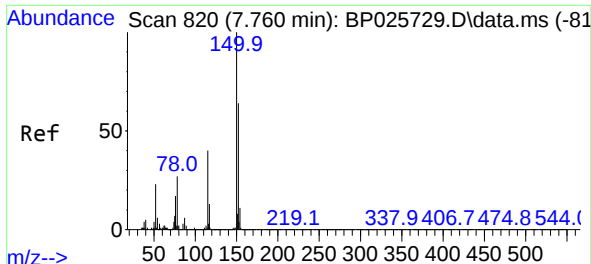
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100925\
Data File : BP025966.D
Acq On : 09 Oct 2025 15:46
Operator : RC/JU
Sample : Q3308-01RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)RE

Quant Time: Oct 09 16:08:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 08 16:22:13 2025
Response via : Initial Calibration

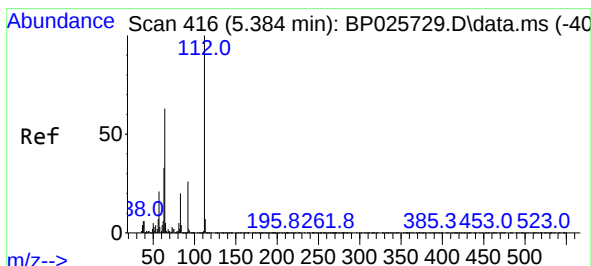
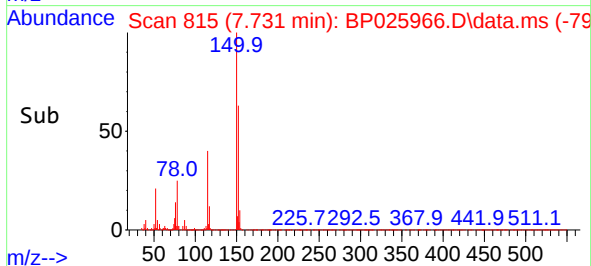
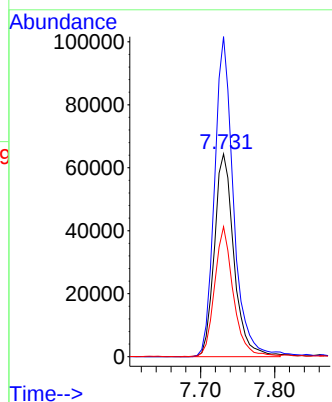
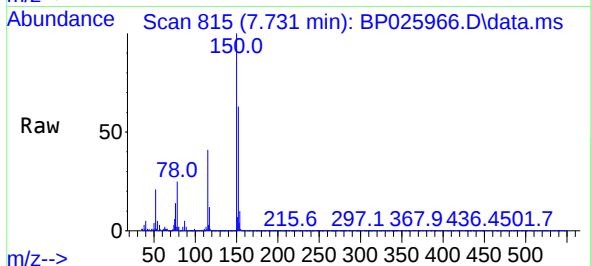




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.731 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

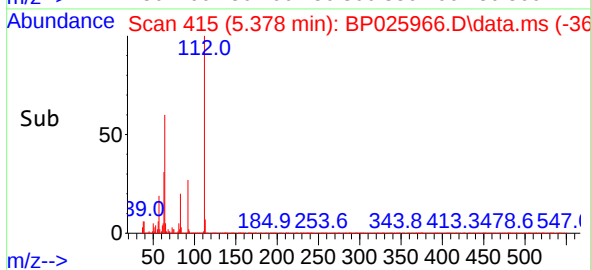
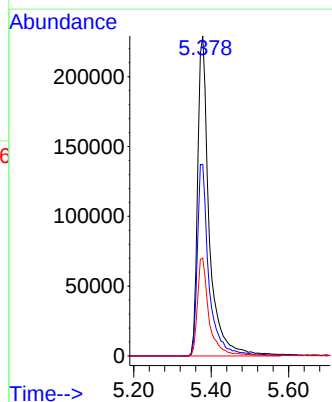
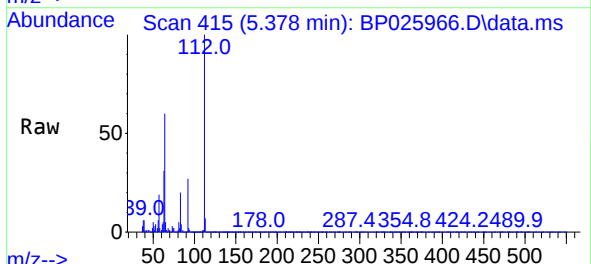
Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)RE

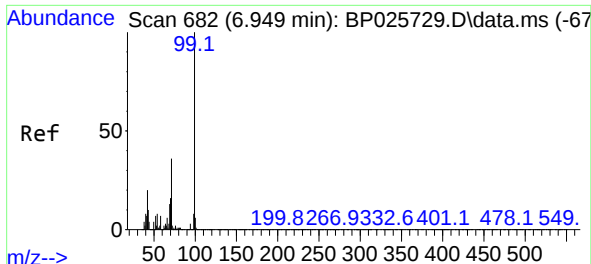
Tgt Ion:152 Resp: 118110
Ion Ratio Lower Upper
152 100
150 157.8 124.3 186.5
115 64.0 50.3 75.5



#5
2-Fluorophenol
Concen: 65.963 ng
RT: 5.378 min Scan# 415
Delta R.T. 0.006 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

Tgt Ion:112 Resp: 477340
Ion Ratio Lower Upper
112 100
64 59.9 50.2 75.4
63 30.6 26.7 40.1

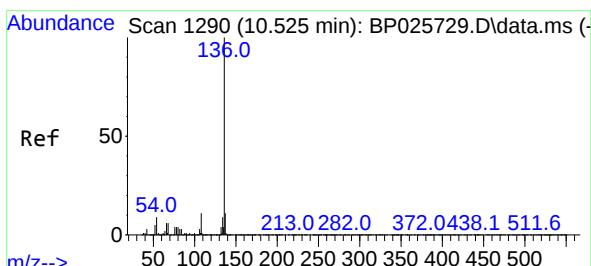
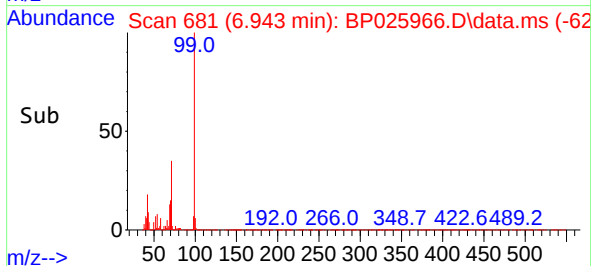
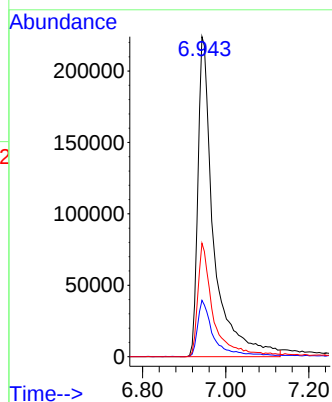
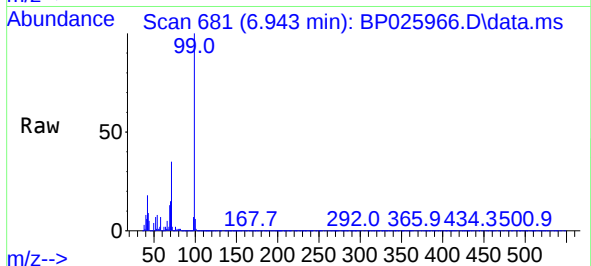




#7
Phenol-d6
Concen: 62.104 ng
RT: 6.943 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

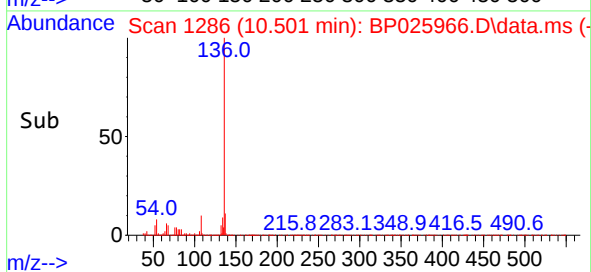
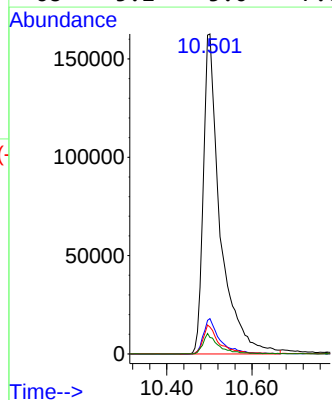
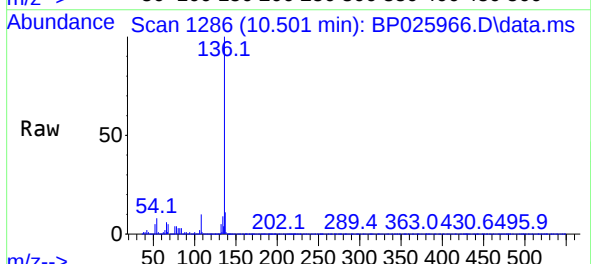
Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)RE

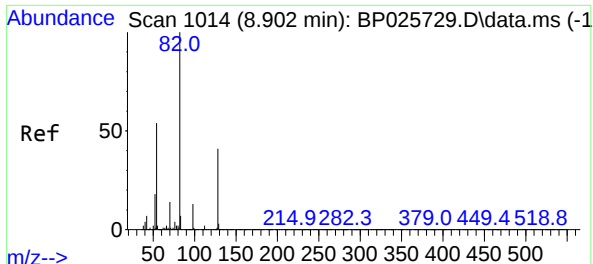
Tgt Ion: 99 Resp: 593476
Ion Ratio Lower Upper
99 100
42 17.6 15.6 23.4
71 35.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.011 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

Tgt Ion: 136 Resp: 448145
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.4 7.5 11.3
68 5.2 5.0 7.6

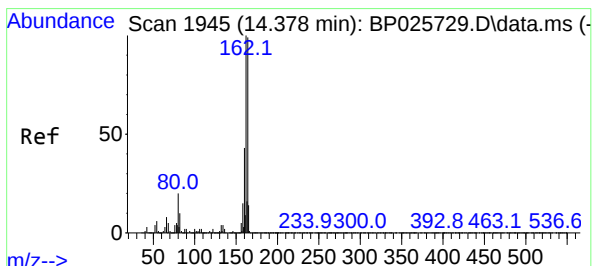
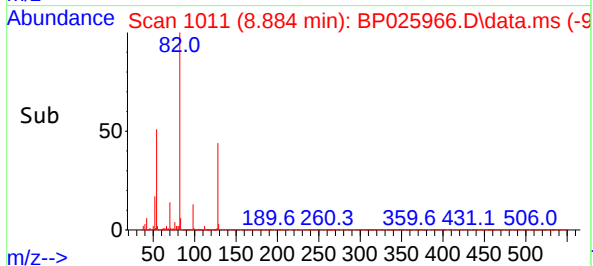
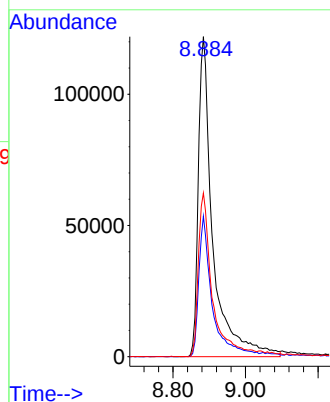
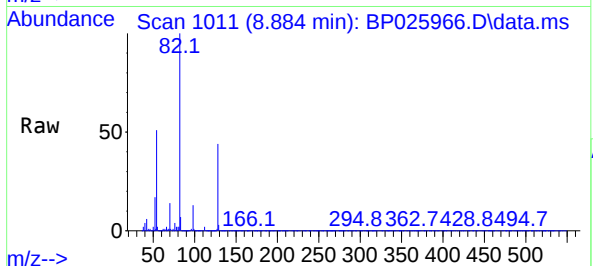




#23
Nitrobenzene-d5
Concen: 33.831 ng
RT: 8.884 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

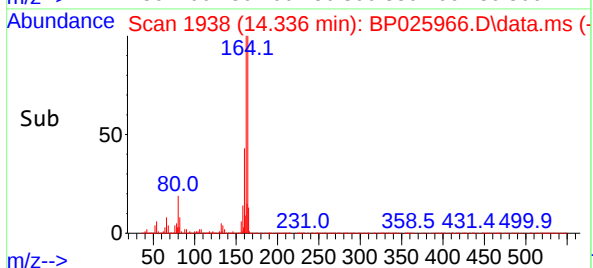
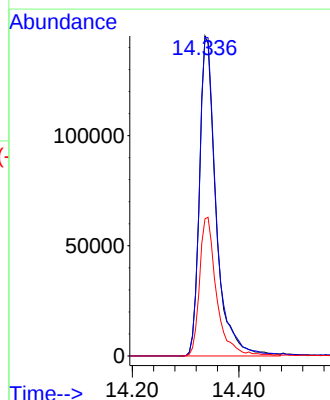
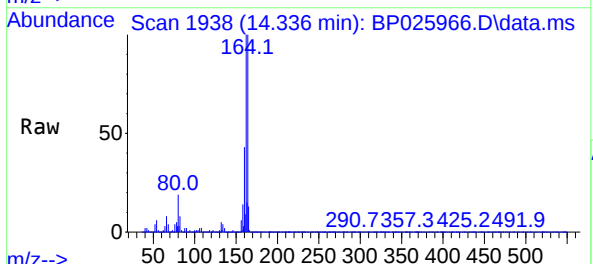
Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)RE

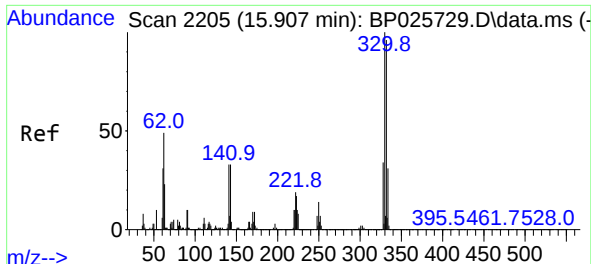
Tgt Ion: 82 Resp: 338756
Ion Ratio Lower Upper
82 100
128 43.9 32.9 49.3
54 51.1 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.336 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

Tgt Ion: 164 Resp: 312575
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 42.9 35.0 52.6

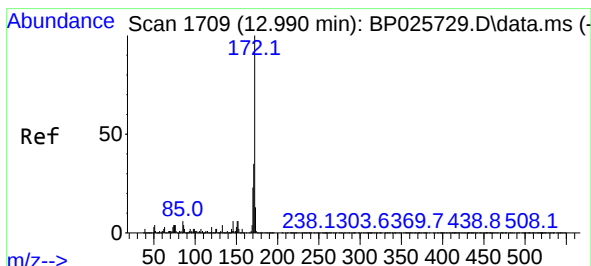
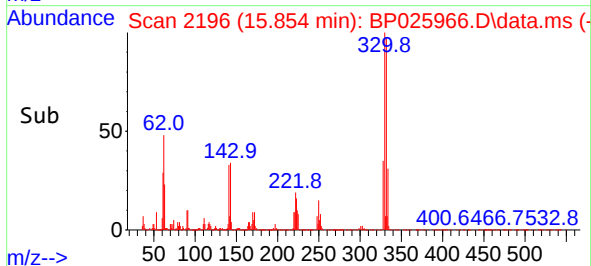
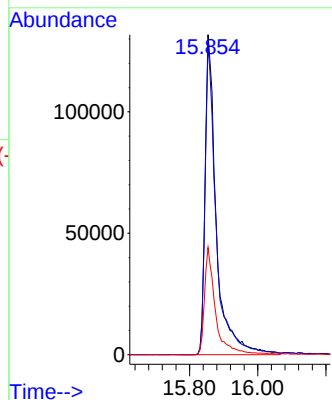
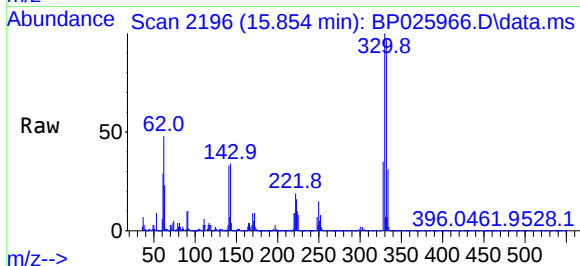




#42
2,4,6-Tribromophenol
Concen: 77.570 ng
RT: 15.854 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

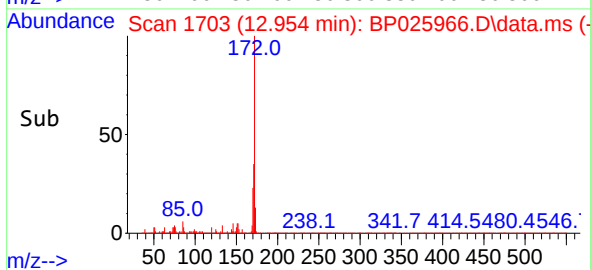
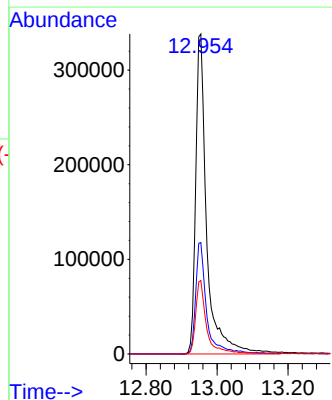
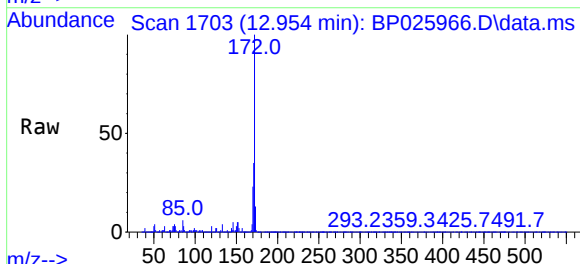
Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)RE

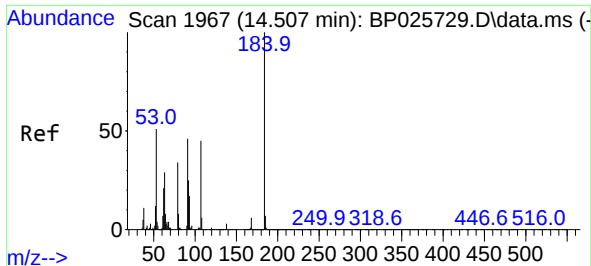
Tgt Ion:330 Resp: 302797
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 32.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 31.593 ng
RT: 12.954 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

Tgt Ion:172 Resp: 735122
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.0 18.6 27.8

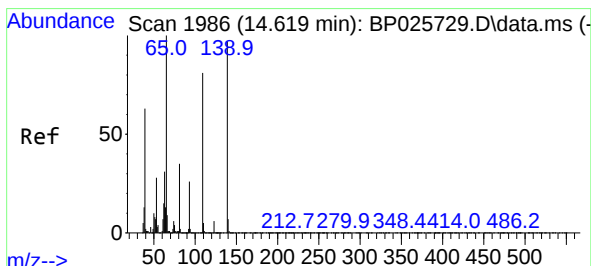
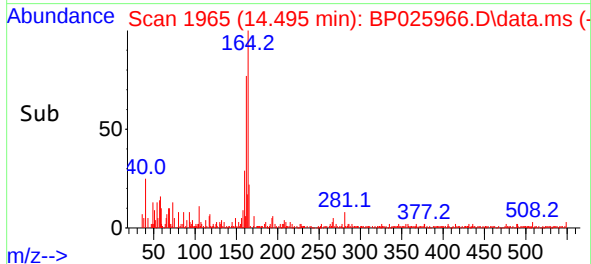
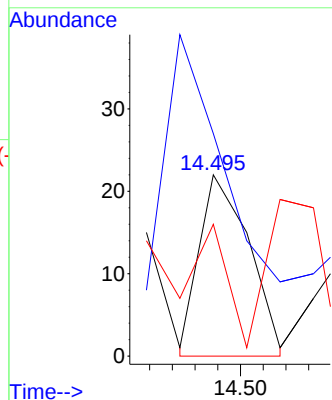
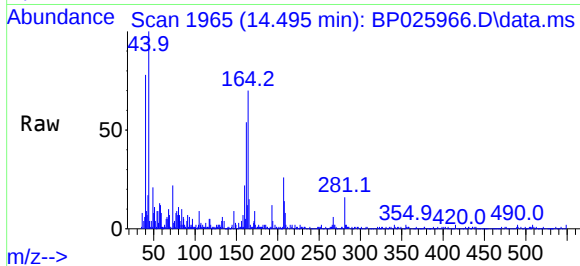




#54
2,4-Dinitrophenol
Concen: 4.824 ng
RT: 14.495 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

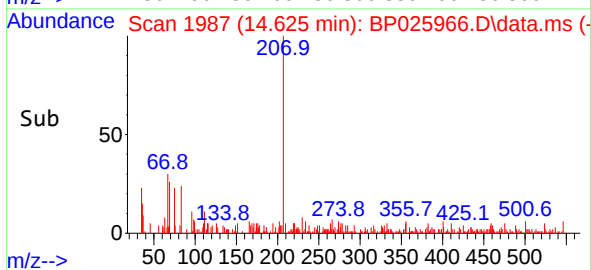
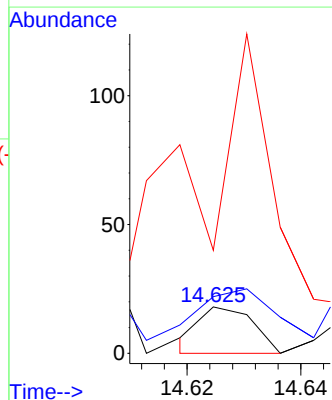
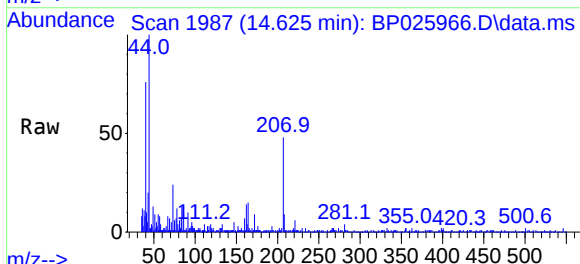
Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)RE

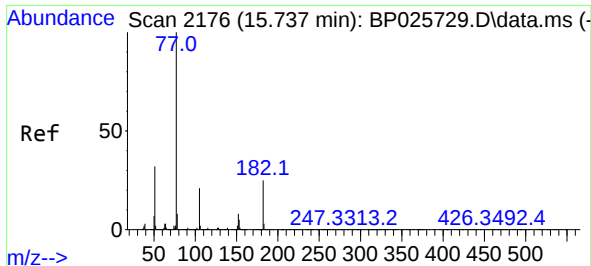
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 112.5 52.5 78.7#
154 66.7 51.5 77.3



#56
4-Nitrophenol
Concen: 4.537 ng
RT: 14.625 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

Tgt Ion:139 Resp: 12
Ion Ratio Lower Upper
139 100
109 122.2 62.9 102.9#
65 222.2 83.4 123.4#

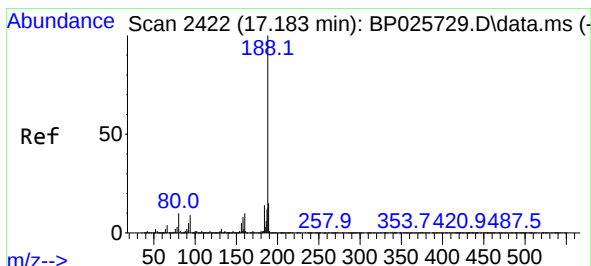
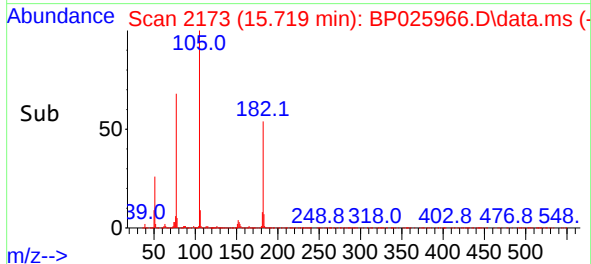
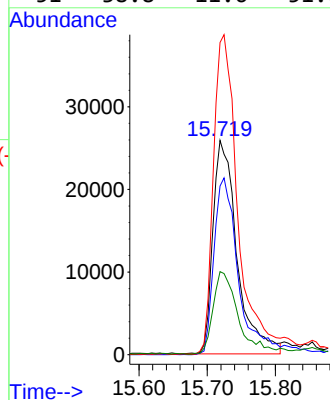
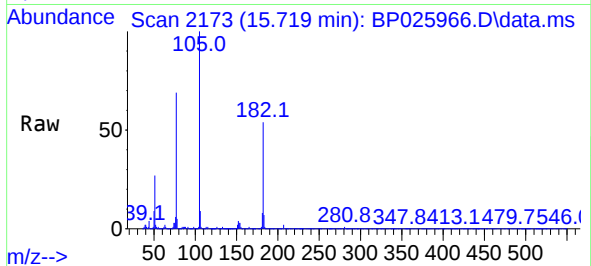




#63
Azobenzene
Concen: 2.786 ng
RT: 15.719 min Scan# 2173
Delta R.T. 0.029 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

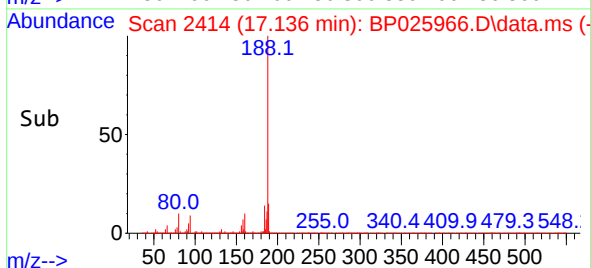
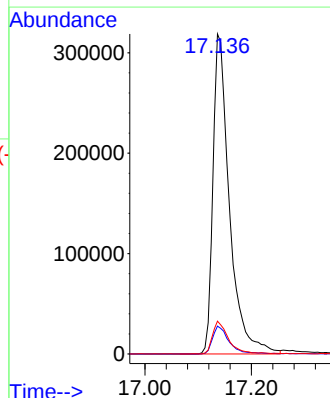
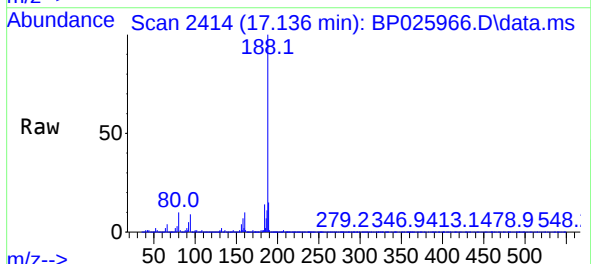
Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)RE

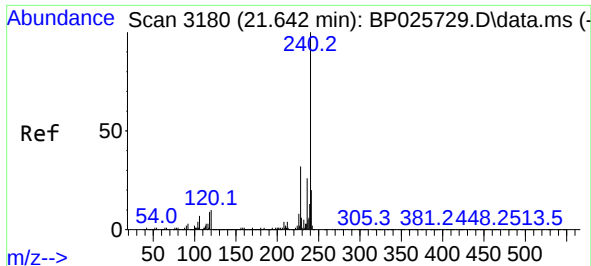
Tgt Ion: 77	Resp: 63853
Ion Ratio	Lower Upper
77 100	
182 78.8	5.2 45.2#
105 145.7	1.1 41.1#
51 38.8	11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2414
Delta R.T. 0.006 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

Tgt Ion: 188	Resp: 686694
Ion Ratio	Lower Upper
188 100	
94 8.7	7.4 11.0
80 10.3	7.7 11.5

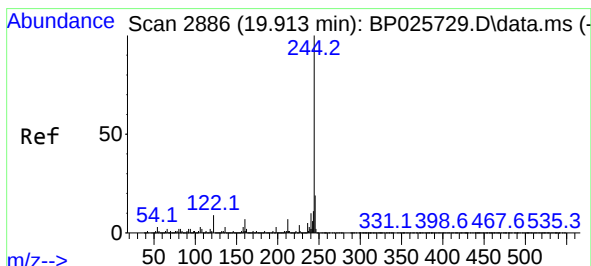
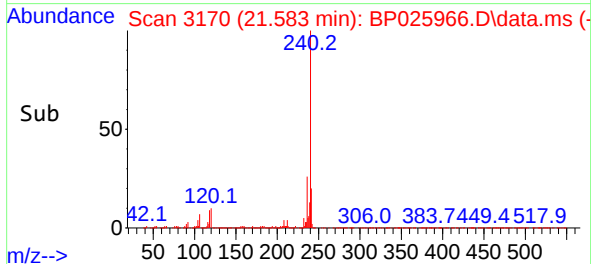
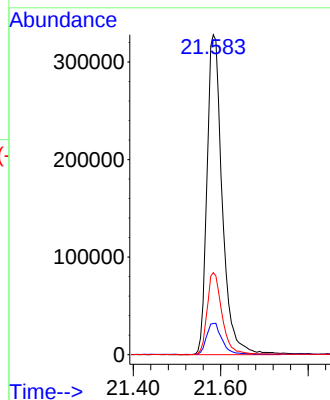
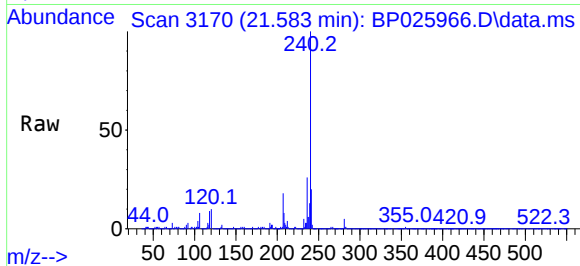




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.011 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

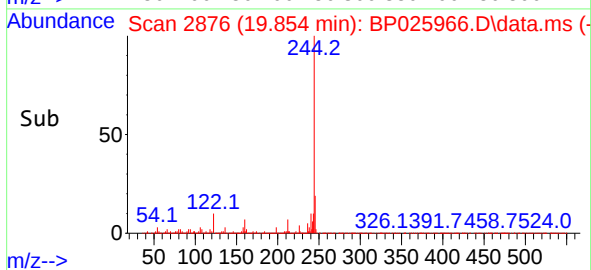
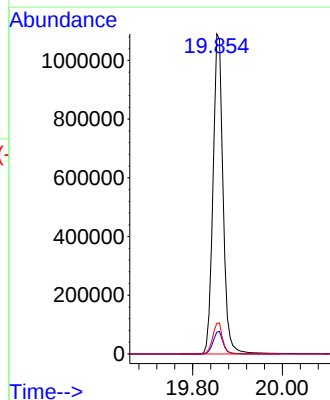
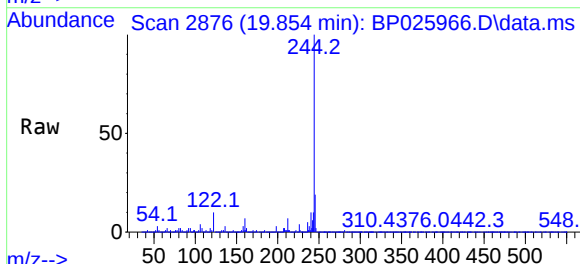
Instrument :
BNA_P
ClientSampleId :
S-3(6.0-6.5)RE

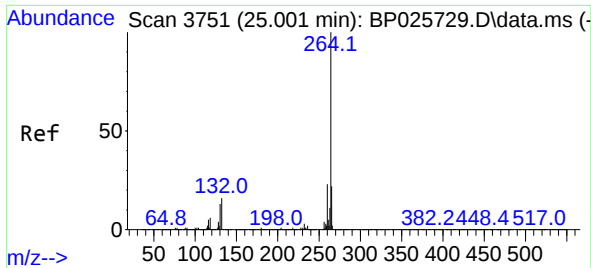
Tgt Ion:240 Resp: 796537
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 38.287 ng
RT: 19.854 min Scan# 2876
Delta R.T. -0.000 min
Lab File: BP025966.D
Acq: 09 Oct 2025 15:46

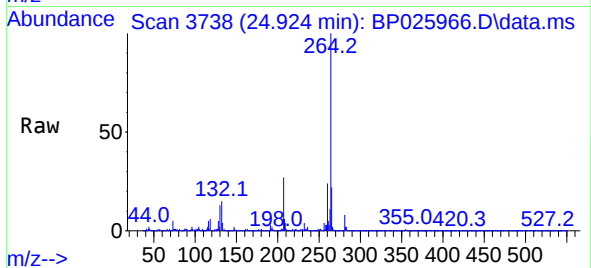
Tgt Ion:244 Resp: 1691318
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.6 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.924 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP025966.D
 Acq: 09 Oct 2025 15:46

Instrument :
 BNA_P
 ClientSampleId :
 S-3(6.0-6.5)RE



Tgt Ion:264 Resp: 827201

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.3	17.3	25.9

