

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
 Data File : BP026011.D
 Acq On : 22 Oct 2025 23:22
 Operator : RC/JU
 Sample : Q3402-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 41-LB

Quant Time: Oct 23 10:42:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

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

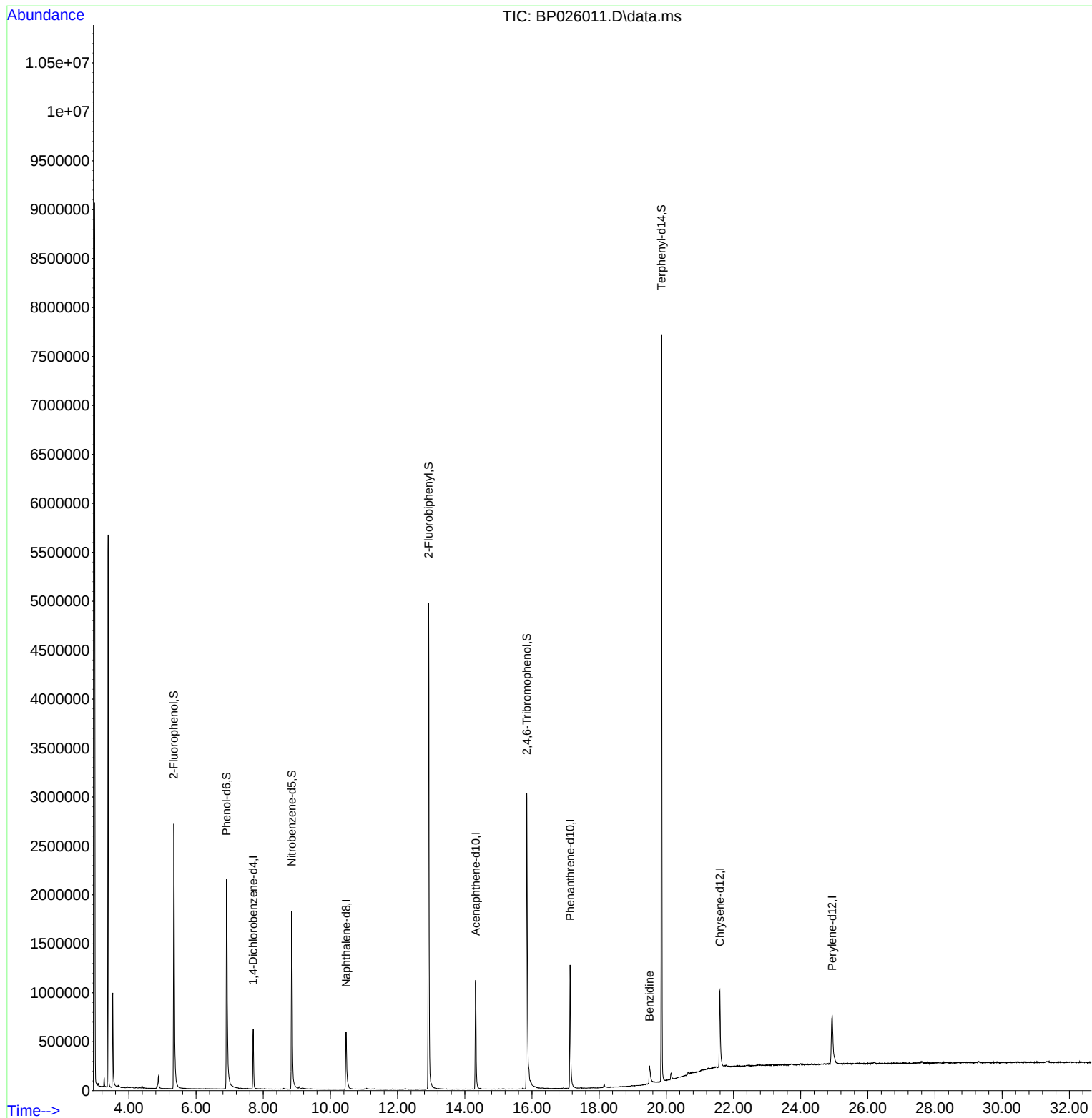
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.702	152	165237	20.000	ng	0.00
21) Naphthalene-d8	10.466	136	671609	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	486656	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	975190	20.000	ng	0.02
76) Chrysene-d12	21.595	240	646839	20.000	ng	0.01
86) Perylene-d12	24.936	264	704631	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1382070	137.133	ng	0.00
7) Phenol-d6	6.908	99	1669600	118.709	ng	0.00
23) Nitrobenzene-d5	8.849	82	1269953	84.992	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	791149	120.758	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2936341	77.336	ng	0.00
79) Terphenyl-d14	19.860	244	3771580	93.187	ng	0.00
Target Compounds						
77) Benzidine	19.501	184	226518	10.929	ng	Qvalue 98

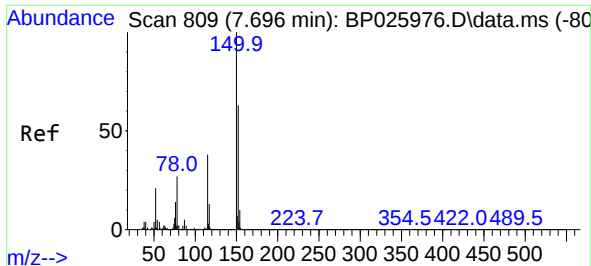
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
Data File : BP026011.D
Acq On : 22 Oct 2025 23:22
Operator : RC/JU
Sample : Q3402-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
41-LB

Quant Time: Oct 23 10:42:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:48:51 2025
Response via : Initial Calibration

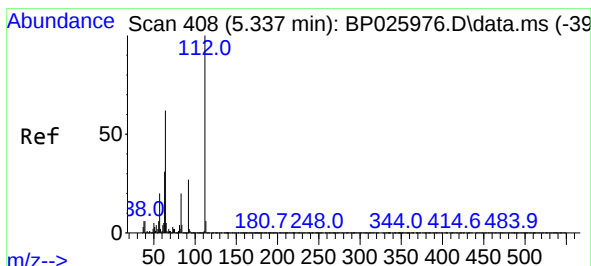
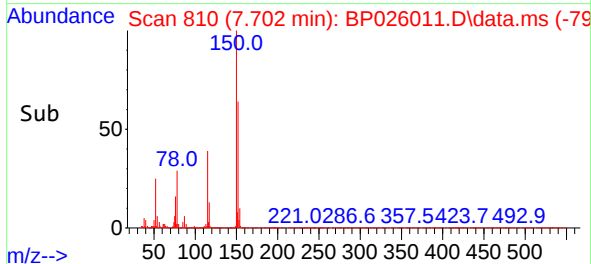
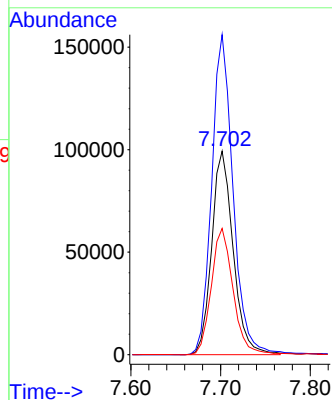
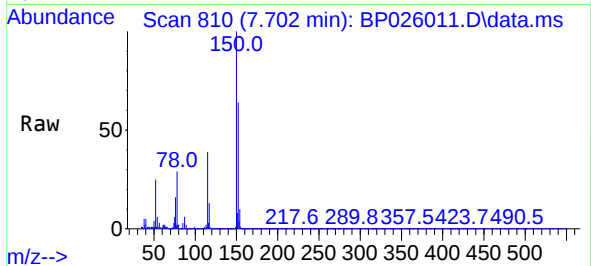




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.702 min Scan# 810
Delta R.T. 0.006 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

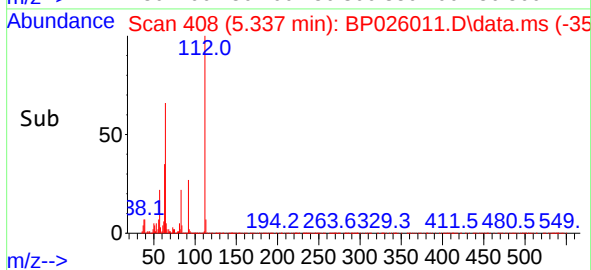
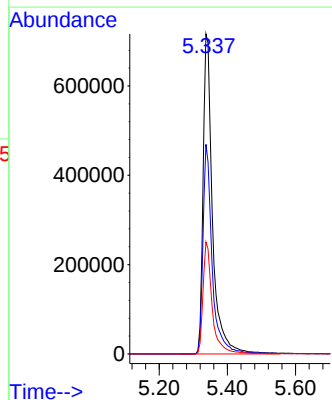
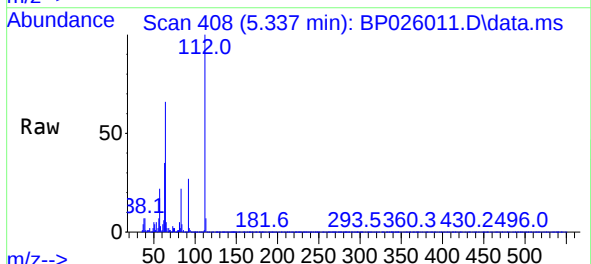
Instrument :
BNA_P
ClientSampleId :
41-LB

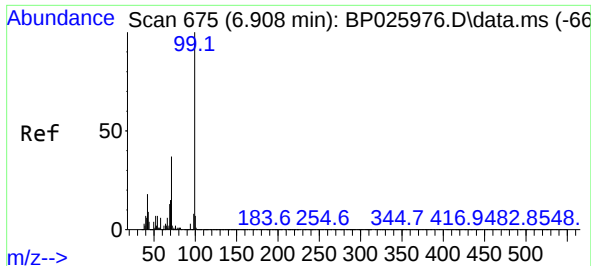
Tgt Ion:152 Resp: 165237
Ion Ratio Lower Upper
152 100
150 157.3 127.3 190.9
115 62.0 48.7 73.1



#5
2-Fluorophenol
Concen: 137.133 ng
RT: 5.337 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

Tgt Ion:112 Resp: 1382070
Ion Ratio Lower Upper
112 100
64 65.5 49.9 74.9
63 35.0 24.9 37.3

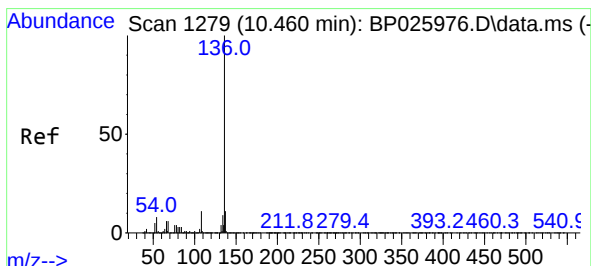
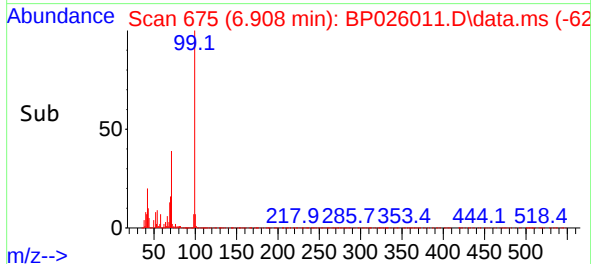
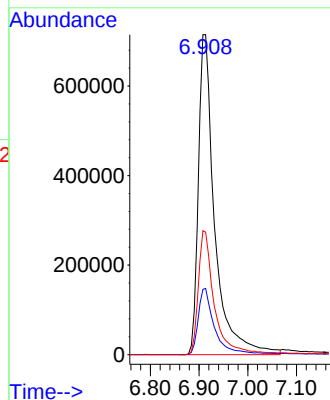
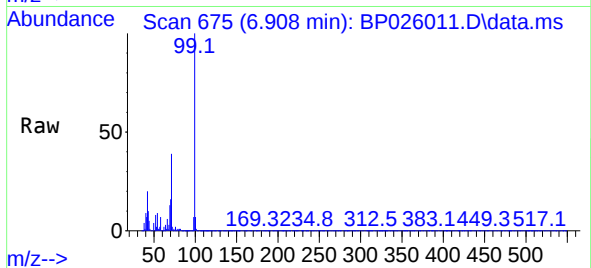




#7
Phenol-d6
Concen: 118.709 ng
RT: 6.908 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

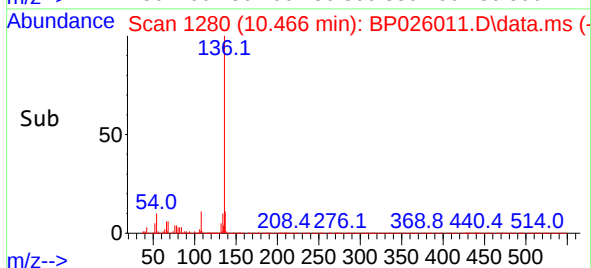
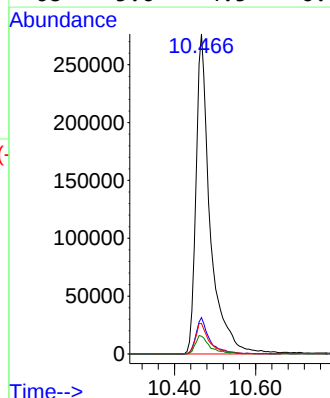
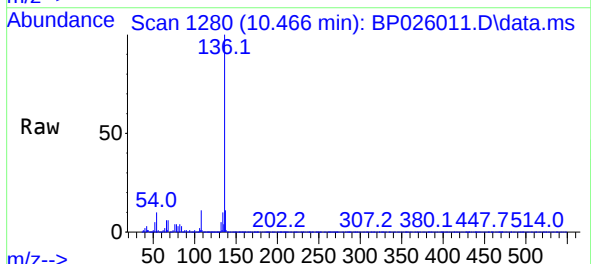
Instrument :
BNA_P
ClientSampleId :
41-LB

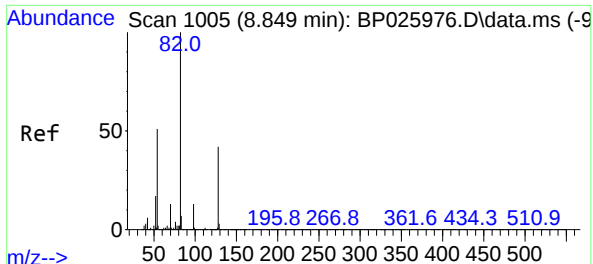
Tgt Ion: 99 Resp: 1669600
Ion Ratio Lower Upper
99 100
42 20.4 14.2 21.4
71 38.7 29.4 44.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.466 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

Tgt Ion: 136 Resp: 671609
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.5 6.8 10.2
68 5.6 4.5 6.7

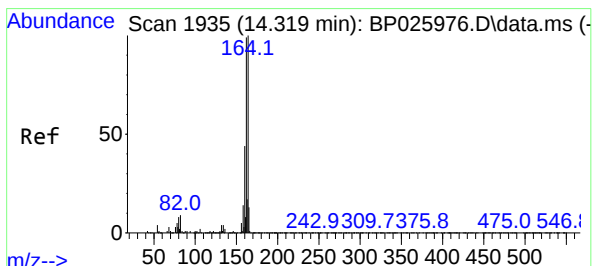
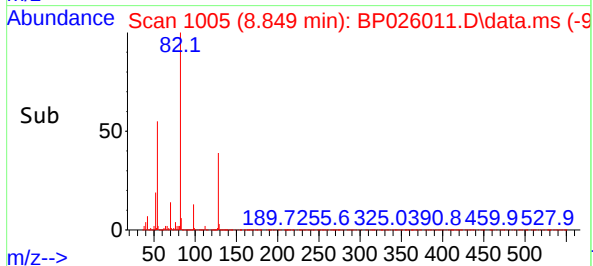
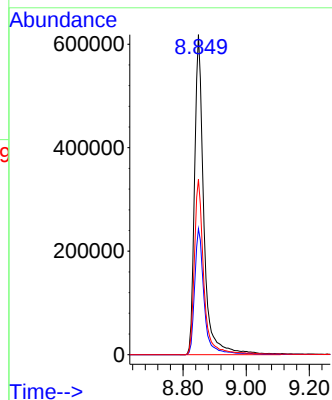
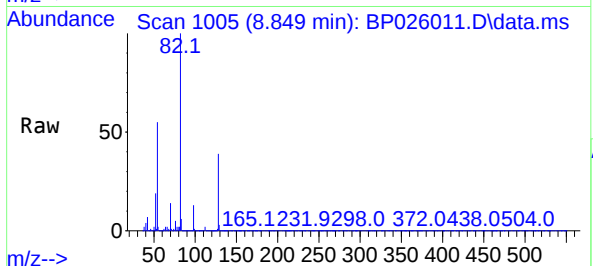




#23
Nitrobenzene-d5
Concen: 84.992 ng
RT: 8.849 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

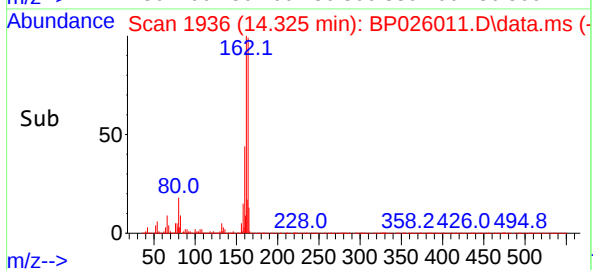
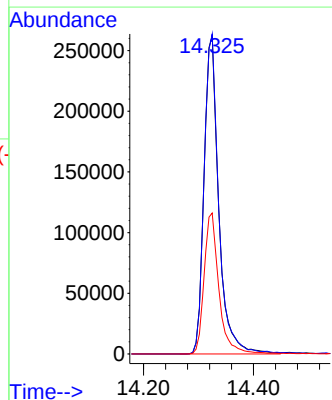
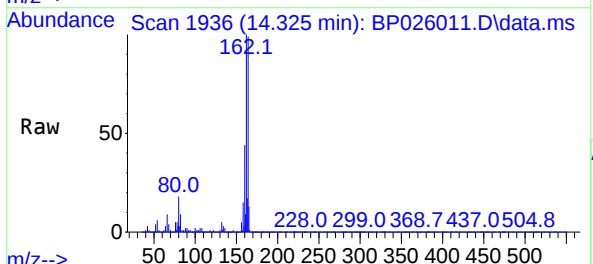
Instrument :
BNA_P
ClientSampleId :
41-LB

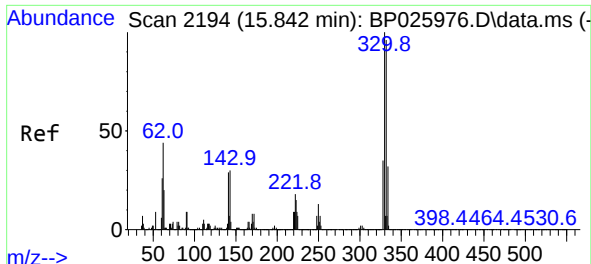
Tgt Ion: 82 Resp: 1269953
Ion Ratio Lower Upper
82 100
128 39.4 33.6 50.4
54 54.8 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

Tgt Ion:164 Resp: 486656
Ion Ratio Lower Upper
164 100
162 100.5 79.3 118.9
160 44.3 35.4 53.0

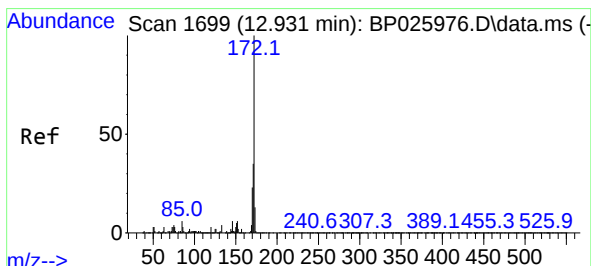
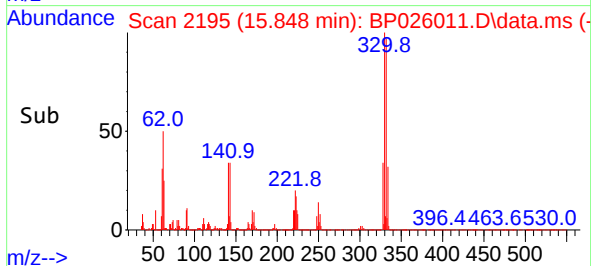
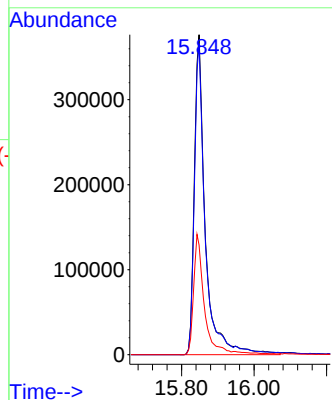
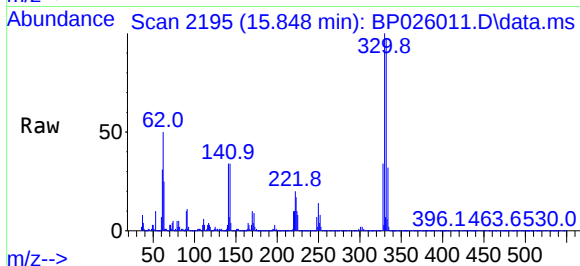




#42
2,4,6-Tribromophenol
Concen: 120.758 ng
RT: 15.848 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

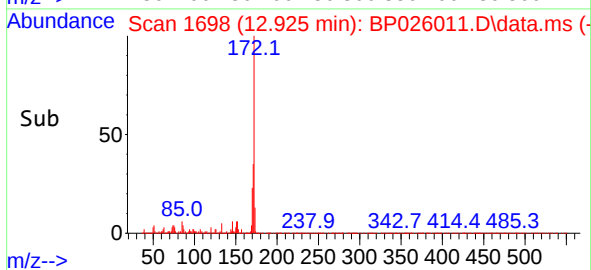
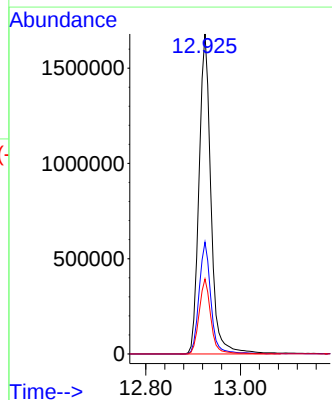
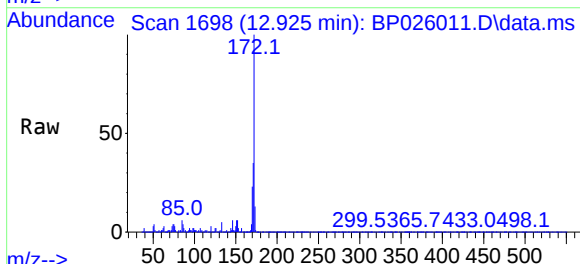
Instrument :
BNA_P
ClientSampleId :
41-LB

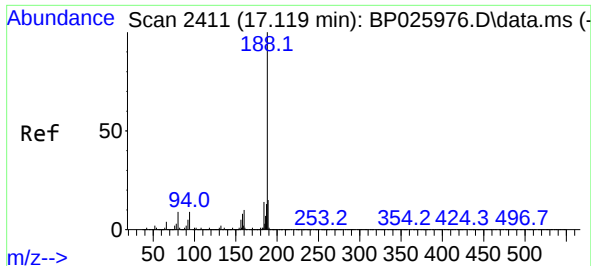
Tgt Ion:330 Resp: 791149
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 36.9 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 77.336 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

Tgt Ion:172 Resp: 2936341
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.5 18.5 27.7

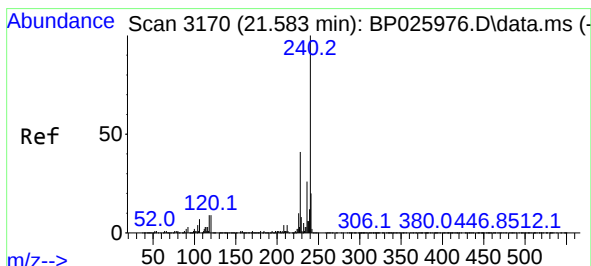
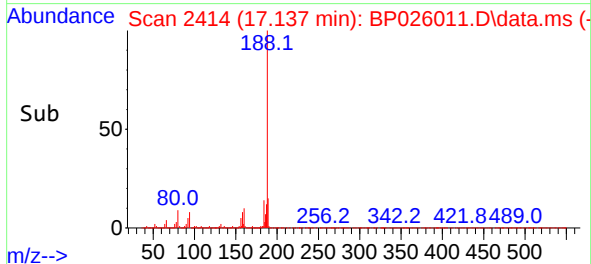
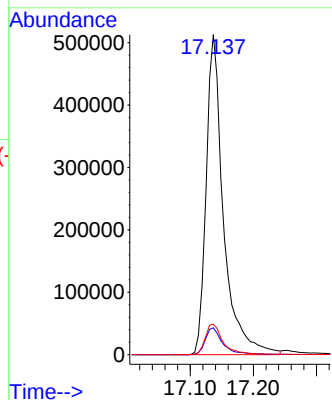
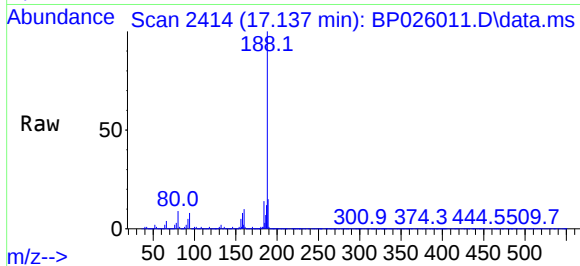




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 2411
Delta R.T. 0.018 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

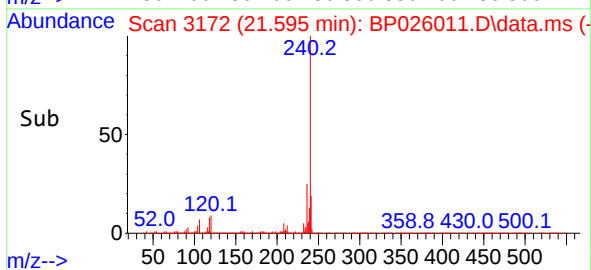
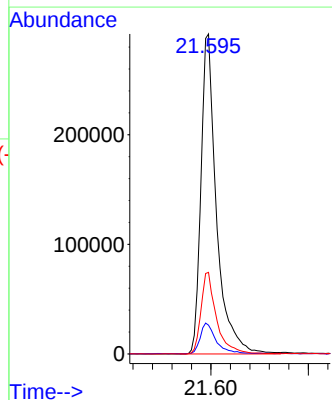
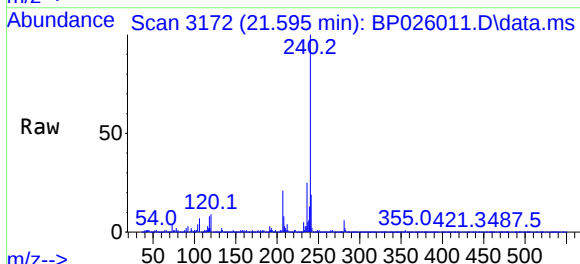
Instrument :
BNA_P
ClientSampleId :
41-LB

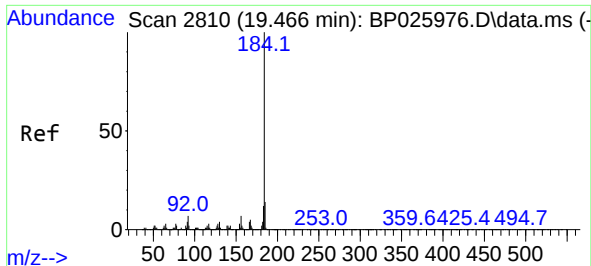
Tgt Ion:188 Resp: 975190
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3172
Delta R.T. 0.012 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

Tgt Ion:240 Resp: 646839
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 25.5 20.4 30.6

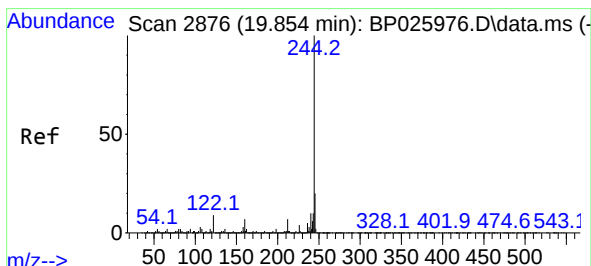
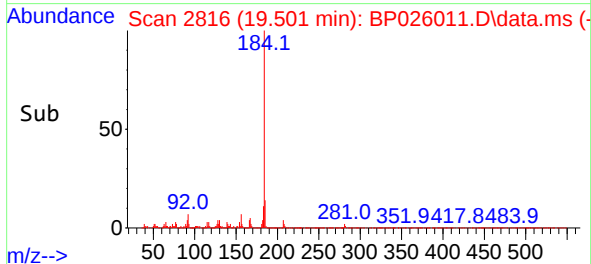
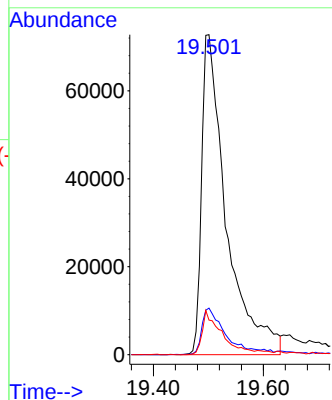
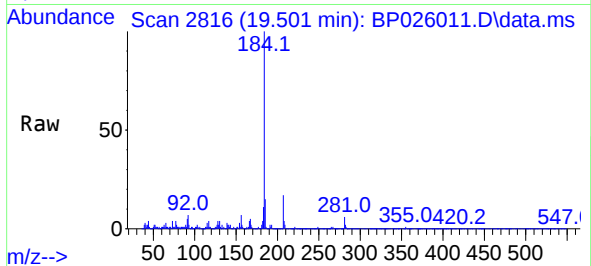




#77
Benzidine
Concen: 10.929 ng
RT: 19.501 min Scan# 2816
Delta R.T. 0.035 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

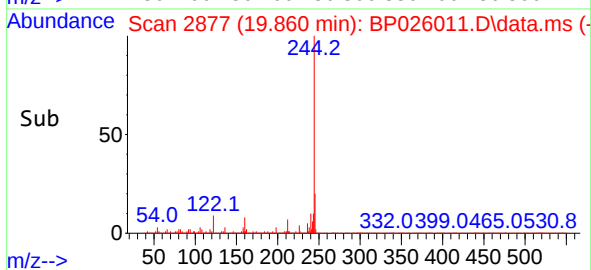
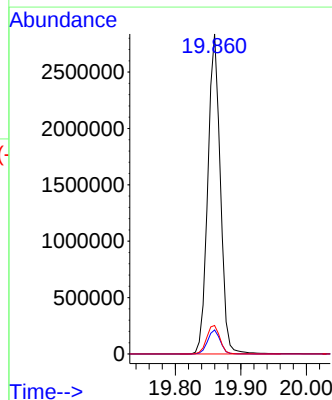
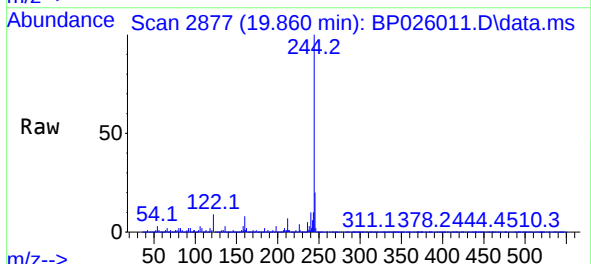
Instrument :
BNA_P
ClientSampleId :
41-LB

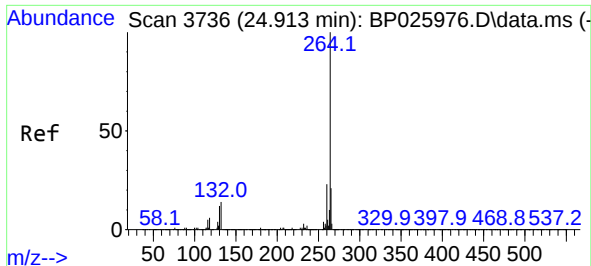
Tgt Ion:184 Resp: 226518
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 10.8 9.4 14.2



#79
Terphenyl-d14
Concen: 93.187 ng
RT: 19.860 min Scan# 2877
Delta R.T. 0.006 min
Lab File: BP026011.D
Acq: 22 Oct 2025 23:22

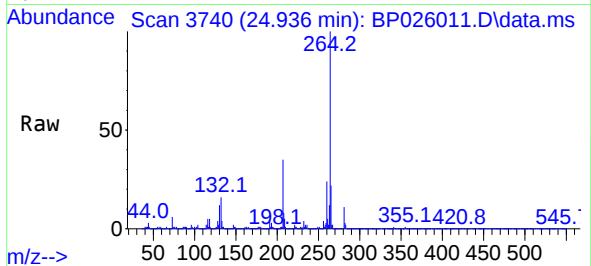
Tgt Ion:244 Resp: 3771580
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 8.9 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.936 min Scan# 31
 Delta R.T. 0.024 min
 Lab File: BP026011.D
 Acq: 22 Oct 2025 23:22

Instrument :
 BNA_P
 ClientSampleId :
 41-LB



Tgt Ion:264 Resp: 704631

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	21.8	17.7	26.5

