

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
 Data File : BP025846.D
 Acq On : 24 Sep 2025 15:23
 Operator : CG/JU
 Sample : Q3133-04RX
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 24 15:44:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

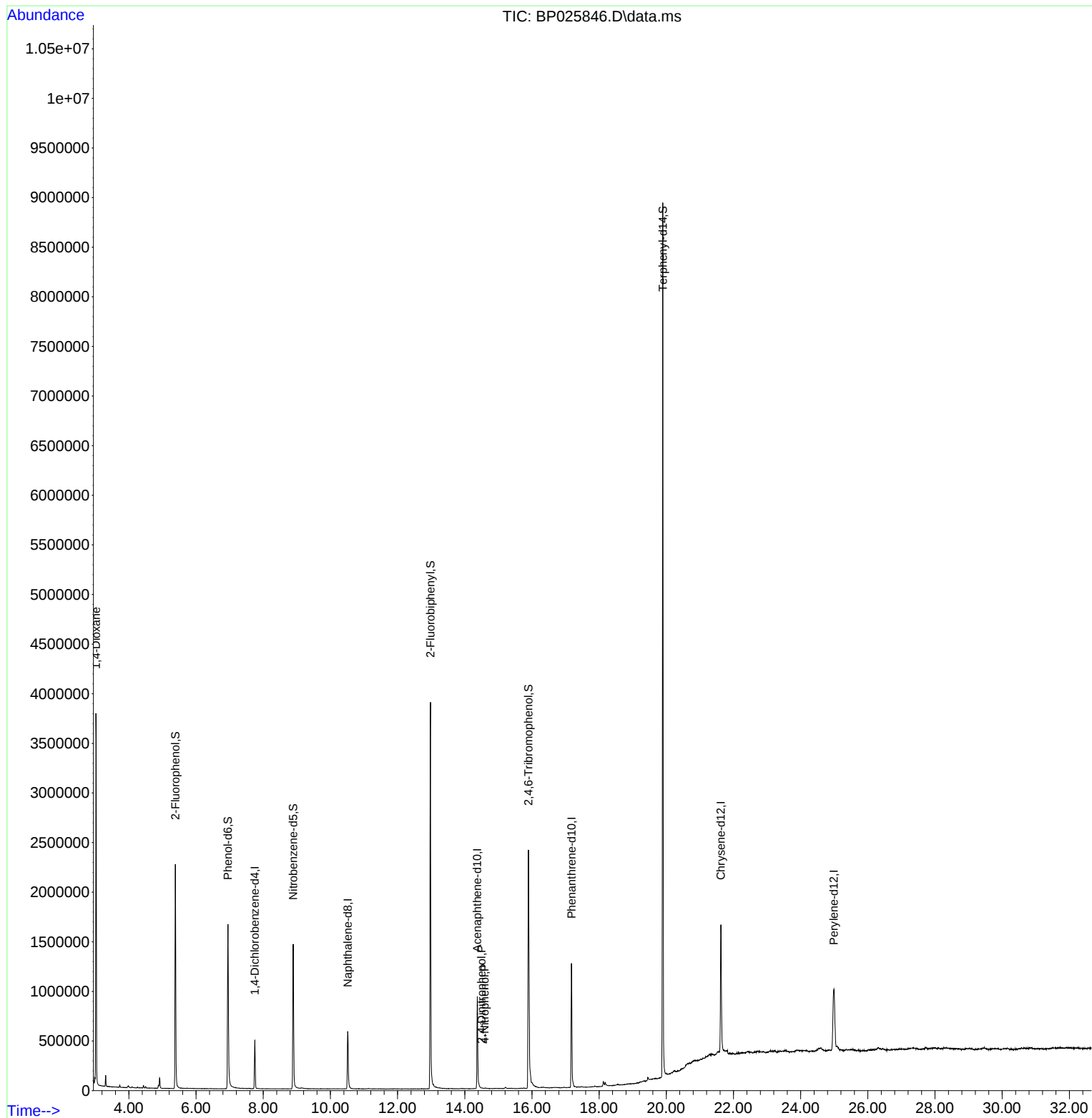
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	135555	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	560183	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	380681	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	899843	20.000	ng	0.00
76) Chrysene-d12	21.624	240	975824	20.000	ng	-0.02
86) Perylene-d12	24.989	264	980025	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1046922	124.618	ng	0.00
7) Phenol-d6	6.949	99	1218642	109.133	ng	0.00
23) Nitrobenzene-d5	8.890	82	945494	74.452	ng	-0.01
42) 2,4,6-Tribromophenol	15.895	330	681539	143.535	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	2129639	74.488	ng	-0.01
79) Terphenyl-d14	19.895	244	4403170	81.175	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	19112	5.420	ng	# 1
54) 2,4-Dinitrophenol	14.495	184	36	4.833	ng	# 1
56) 4-Nitrophenol	14.589	139	50	4.491	ng	92

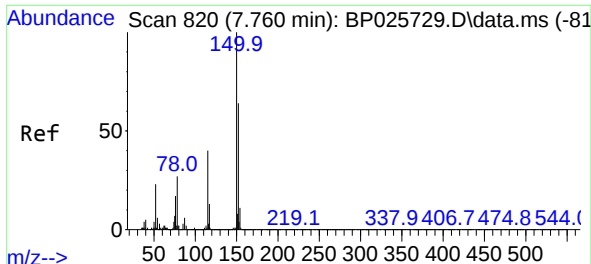
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
Data File : BP025846.D
Acq On : 24 Sep 2025 15:23
Operator : CG/JU
Sample : Q3133-04RX
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 24 15:44:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

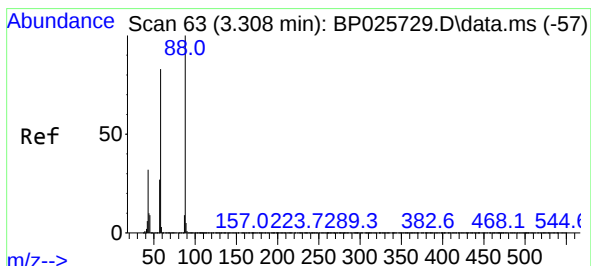
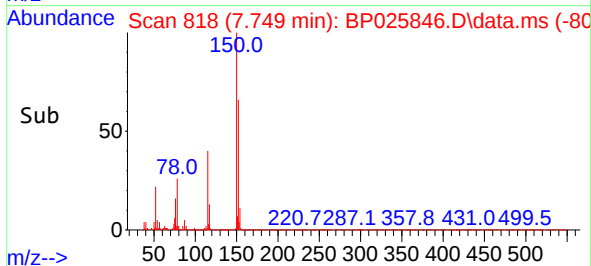
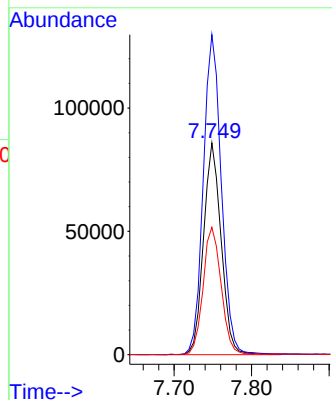
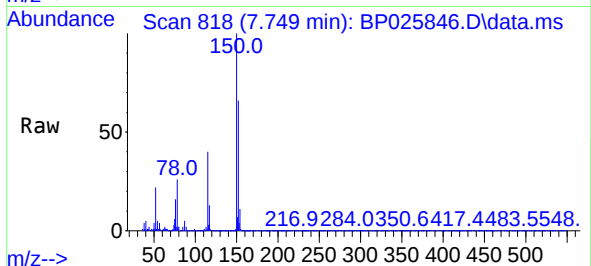




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

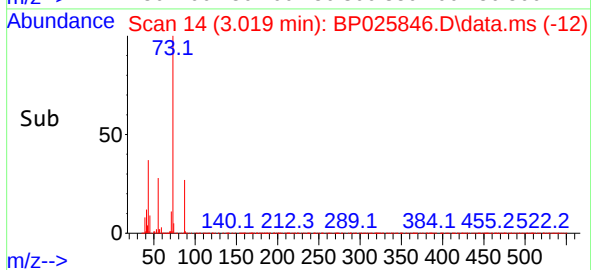
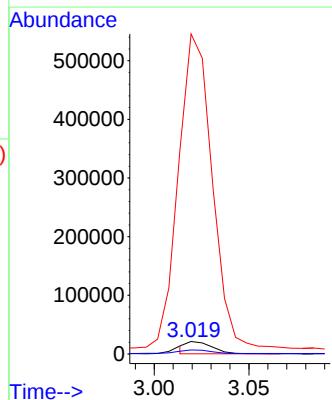
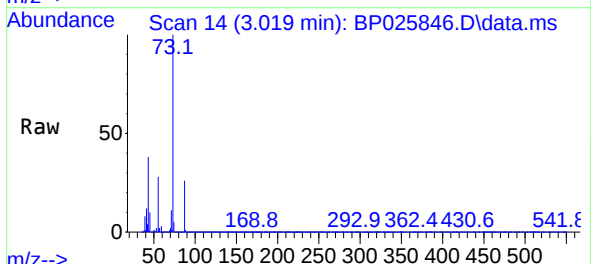
Instrument :
BNA_P
ClientSampleId :

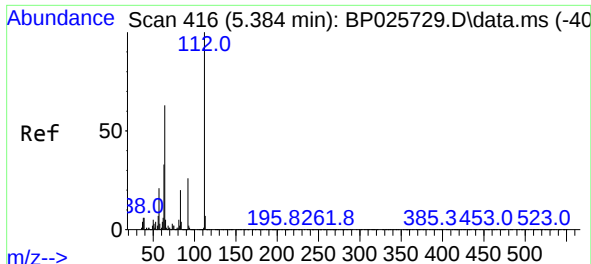
Tgt Ion:152 Resp: 135555
Ion Ratio Lower Upper
152 100
150 151.0 124.3 186.5
115 60.1 50.3 75.5



#2
1,4-Dioxane
Concen: 5.420 ng
RT: 3.019 min Scan# 14
Delta R.T. -0.288 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion: 88 Resp: 19112
Ion Ratio Lower Upper
88 100
58 28.3 65.5 98.3#
43 2718.3 25.2 37.8#

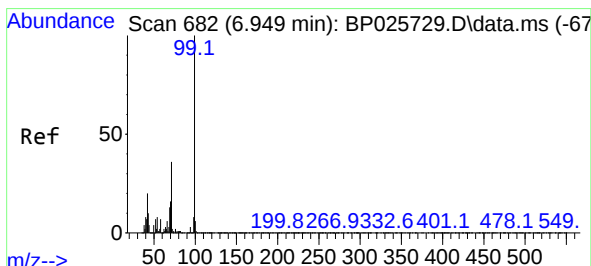
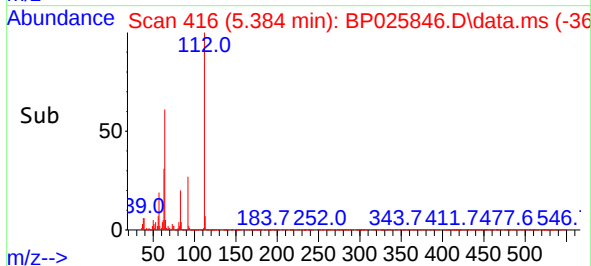
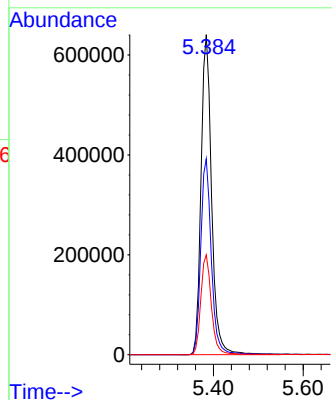
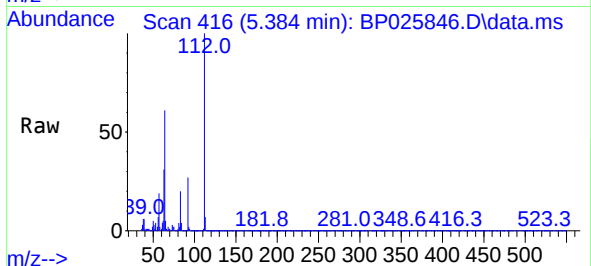




#5
2-Fluorophenol
Concen: 124.618 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

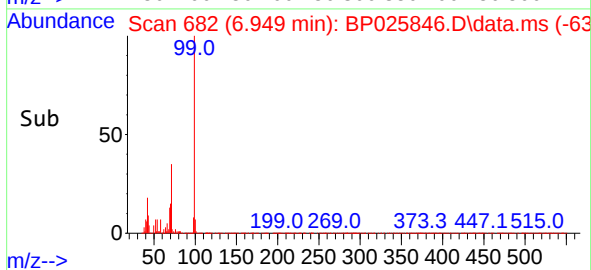
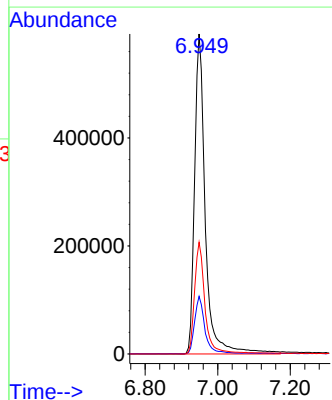
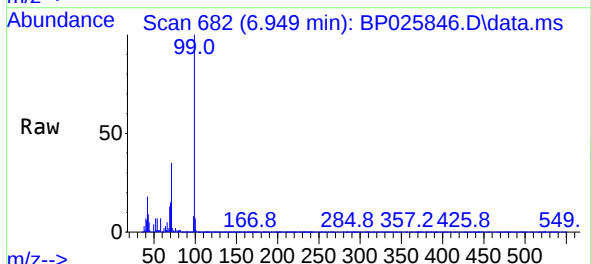
Instrument :
BNA_P
ClientSampleId :

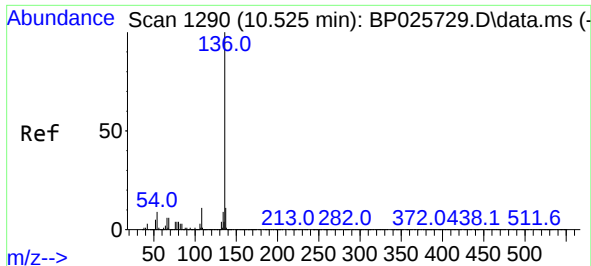
Tgt Ion:112 Resp: 1046922
Ion Ratio Lower Upper
112 100
64 61.2 50.2 75.4
63 31.2 26.7 40.1



#7
Phenol-d6
Concen: 109.133 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion: 99 Resp: 1218642
Ion Ratio Lower Upper
99 100
42 18.0 15.6 23.4
71 34.9 28.6 43.0



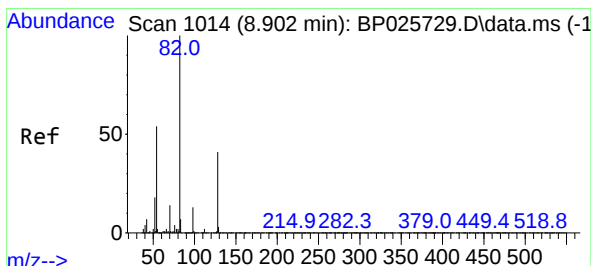
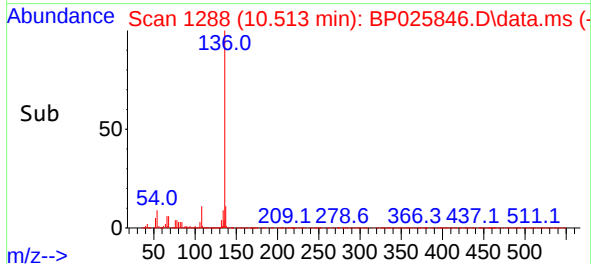
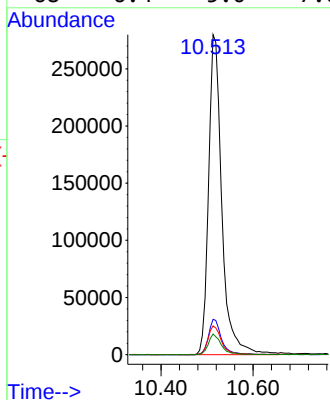
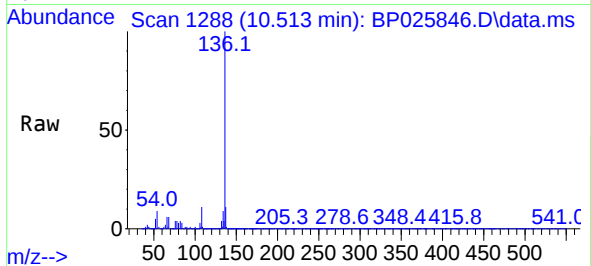


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 560183

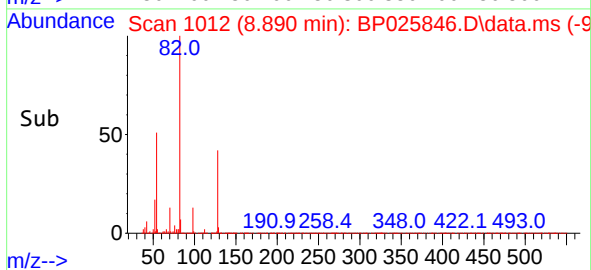
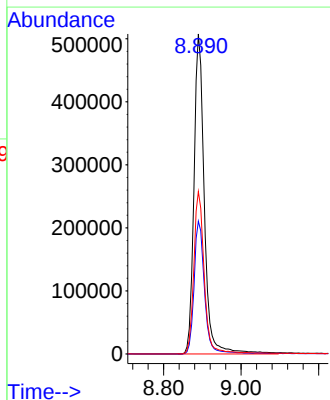
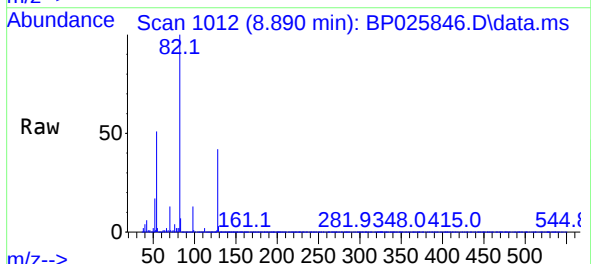
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.0	7.5	11.3
68	6.4	5.0	7.6

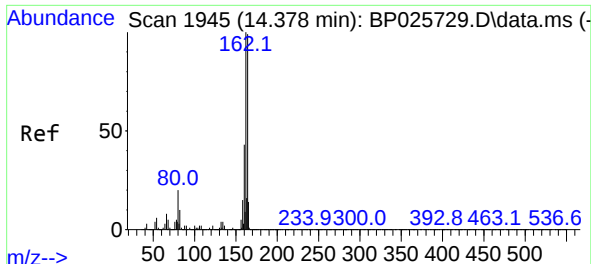


#23
Nitrobenzene-d5
Concen: 74.452 ng
RT: 8.890 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion: 82 Resp: 945494

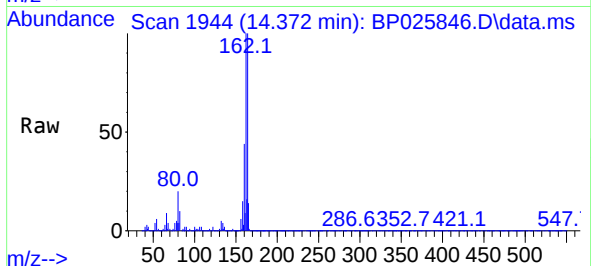
Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.9	49.3
54	50.8	43.4	65.2



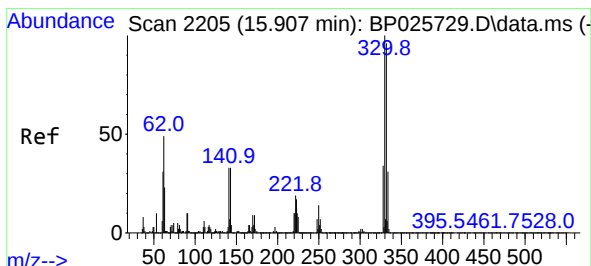
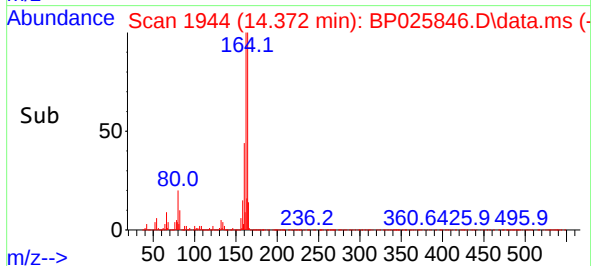
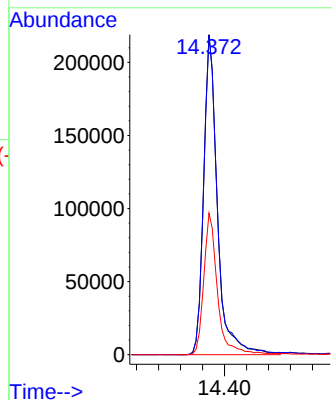


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Instrument :
BNA_P
ClientSampleId :

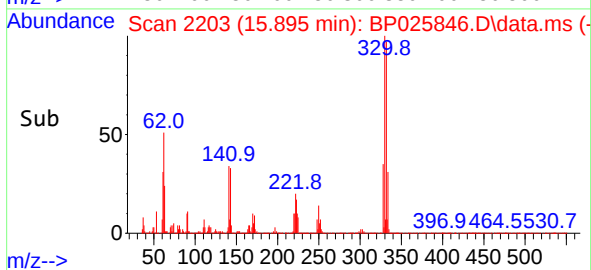
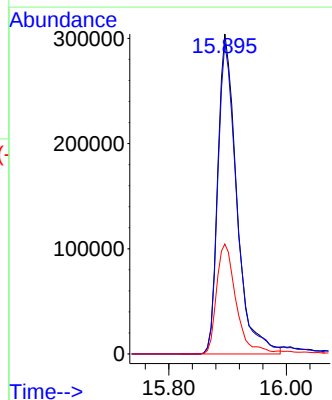
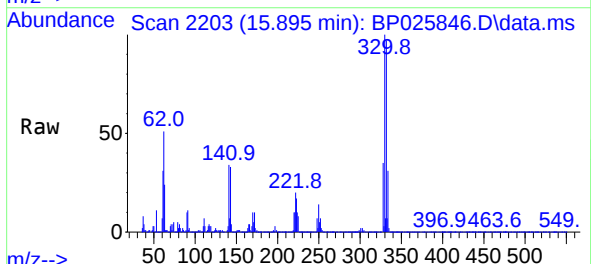


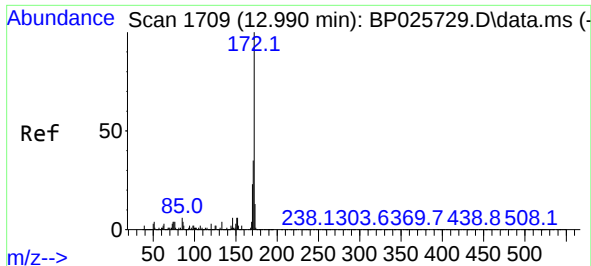
Tgt Ion:164 Resp: 380681
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.2 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 143.535 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion:330 Resp: 681539
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 35.3 31.0 46.4

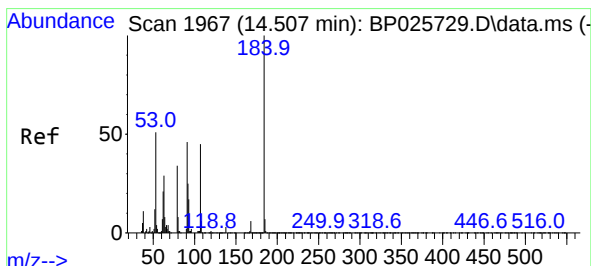
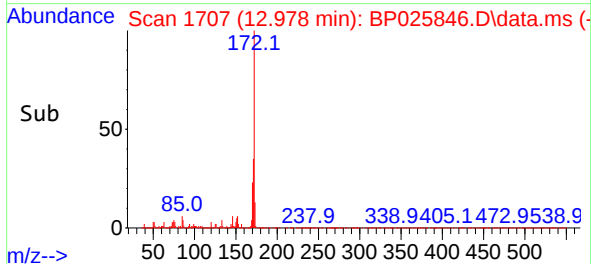
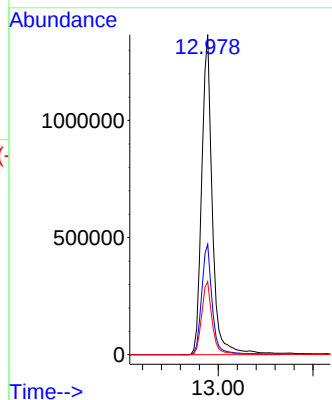
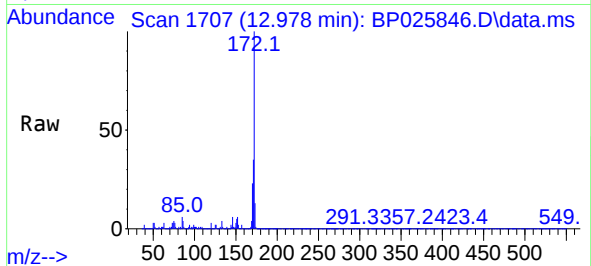




#45
2-Fluorobiphenyl
Concen: 74.488 ng
RT: 12.978 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

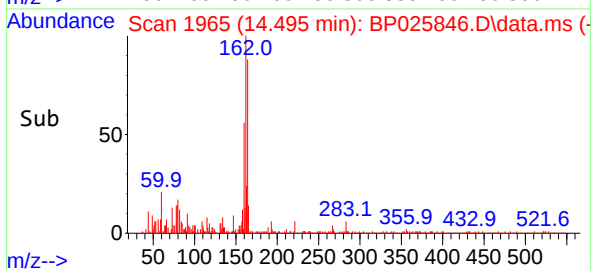
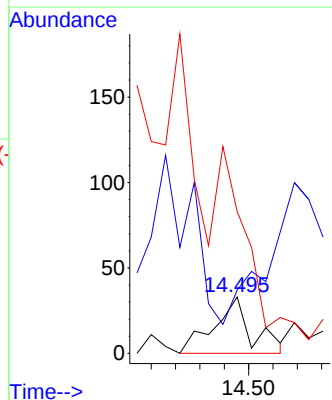
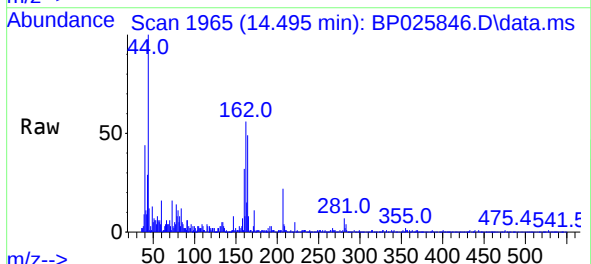
Instrument :
BNA_P
ClientSampleId :

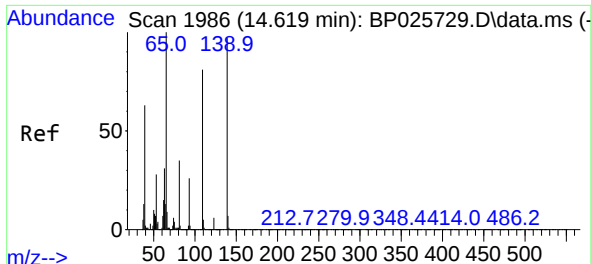
Tgt Ion:172 Resp: 2129639
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.9 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.833 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 112.1 52.5 78.7#
154 251.5 51.5 77.3#

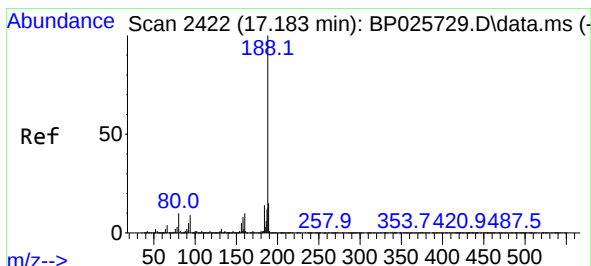
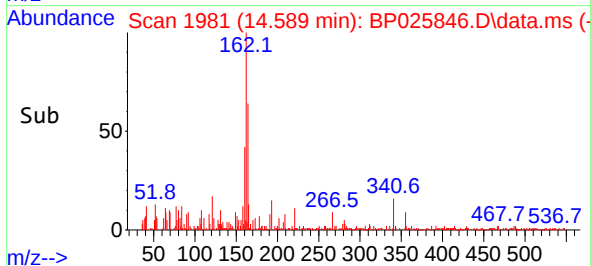
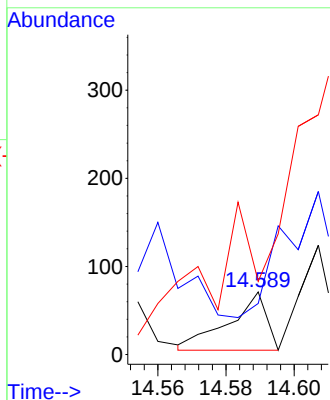
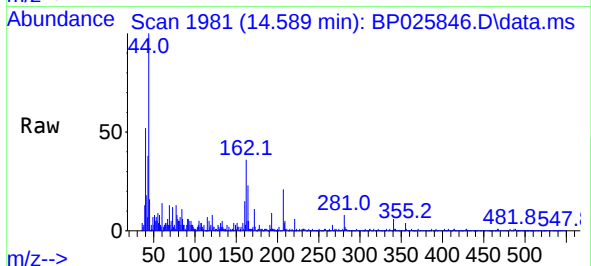




#56
4-Nitrophenol
Concen: 4.491 ng
RT: 14.589 min Scan# 1986
Delta R.T. -0.030 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

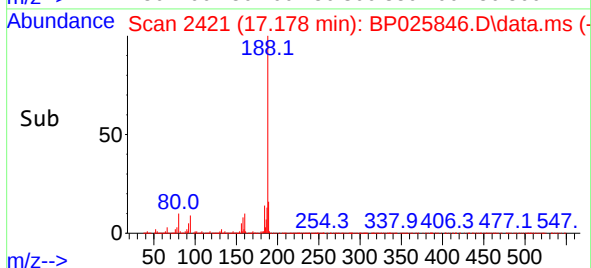
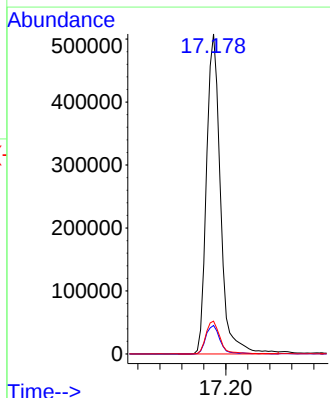
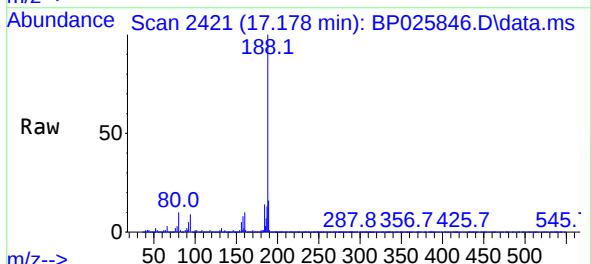
Instrument :
BNA_P
ClientSampleId :

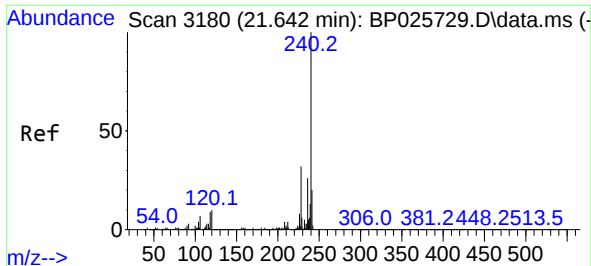
Tgt Ion:	139	Resp:	50
Ion	Ratio	Lower	Upper
139	100		
109	81.7	62.9	102.9
65	116.9	83.4	123.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

Tgt Ion:	188	Resp:	899843
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.0
80	10.2	7.7	11.5

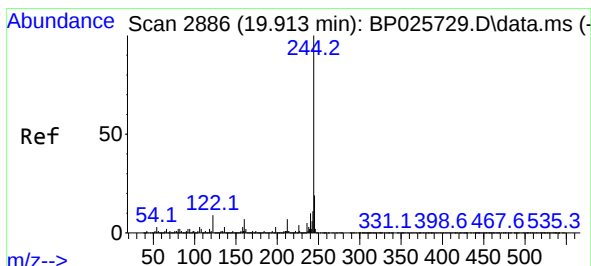
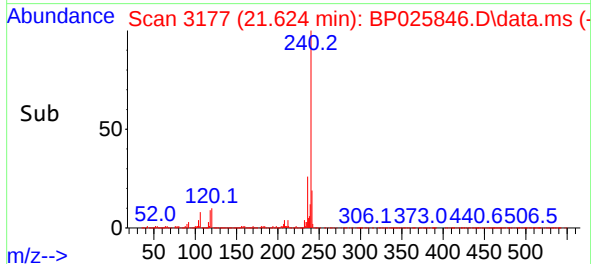
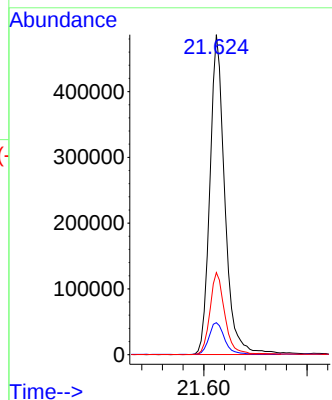
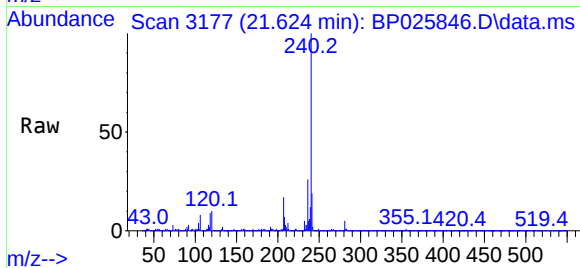




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

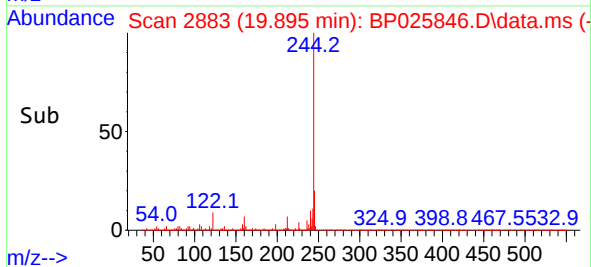
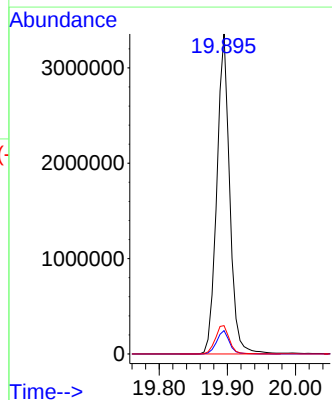
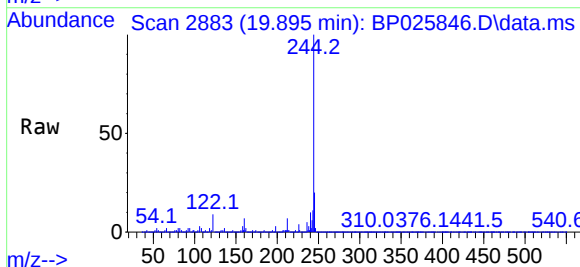
Instrument :
BNA_P
ClientSampleId :

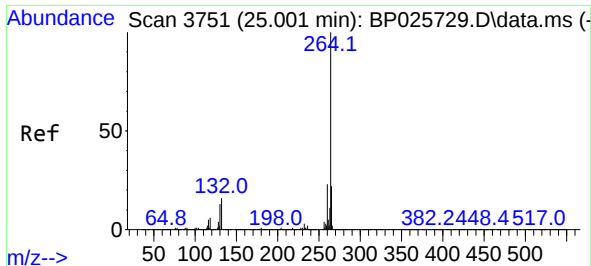
Tgt Ion:240 Resp: 975824
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 81.175 ng
RT: 19.895 min Scan# 2883
Delta R.T. -0.018 min
Lab File: BP025846.D
Acq: 24 Sep 2025 15:23

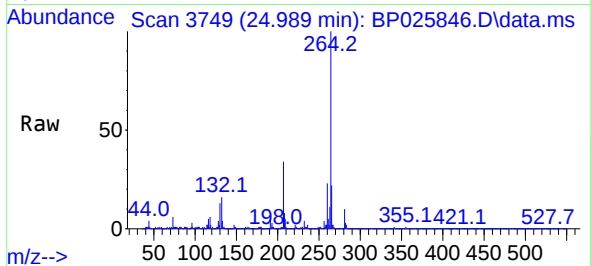
Tgt Ion:244 Resp: 4403170
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 8.9 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.989 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP025846.D
 Acq: 24 Sep 2025 15:23

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 980025
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 22.4 17.3 25.9

