

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025798.D
 Acq On : 19 Sep 2025 14:24
 Operator : CG/JU
 Sample : Q3117-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 14:45:11 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)

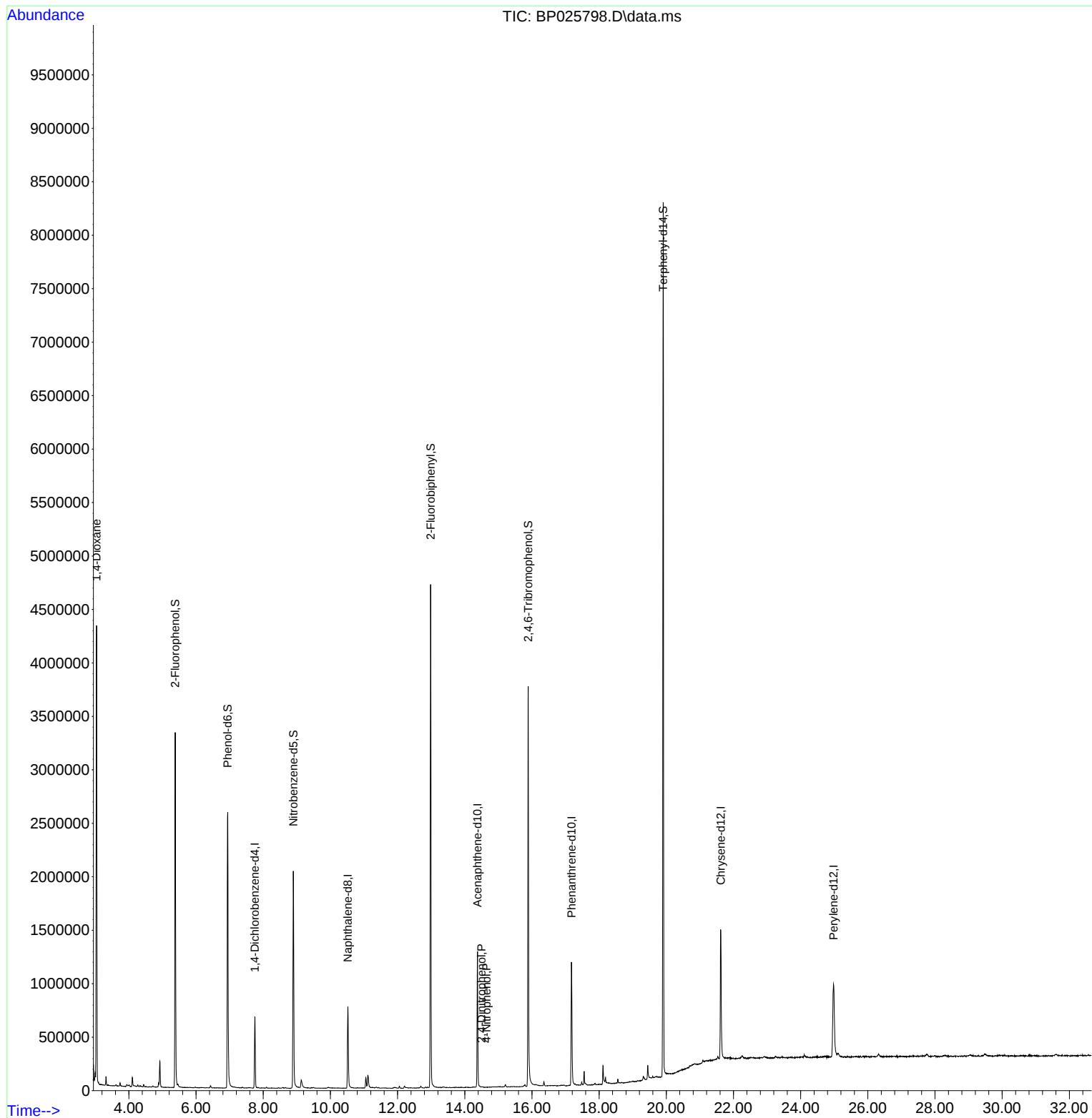
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	180165	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	676804	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	425122	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	864253	20.000	ng	0.00
76) Chrysene-d12	21.619	240	878802	20.000	ng	-0.02
86) Perylene-d12	24.977	264	889317	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1377933	123.407	ng	0.00
7) Phenol-d6	6.943	99	1603915	108.071	ng	0.00
23) Nitrobenzene-d5	8.896	82	1226504	79.938	ng	0.00
42) 2,4,6-Tribromophenol	15.890	330	691567	130.422	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2524221	79.060	ng	0.00
79) Terphenyl-d14	19.907	244	4127121	84.486	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.037	88	34559	7.374	ng	# 1
54) 2,4-Dinitrophenol	14.496	184	37	4.832	ng	# 4
56) 4-Nitrophenol	14.648	139	128	4.502	ng	# 24

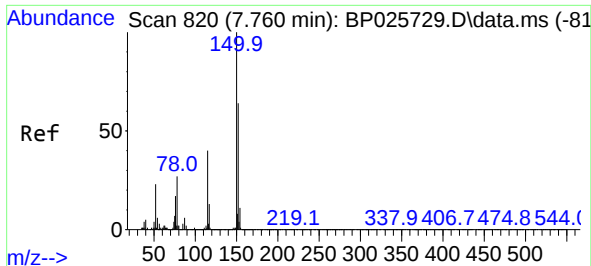
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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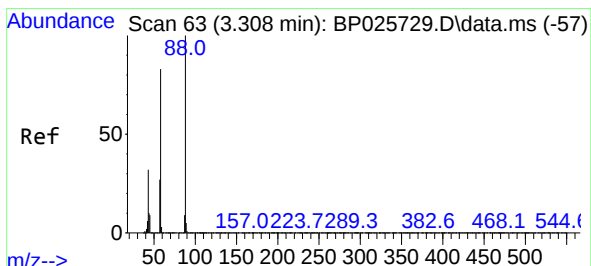
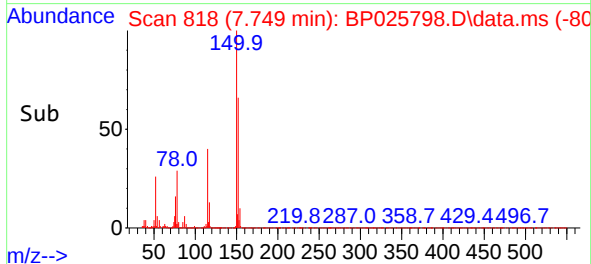
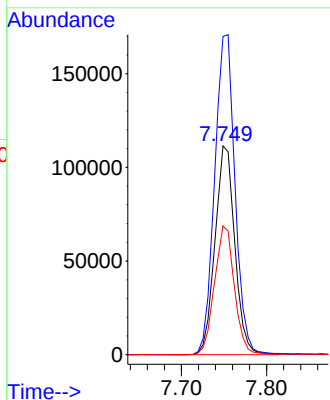
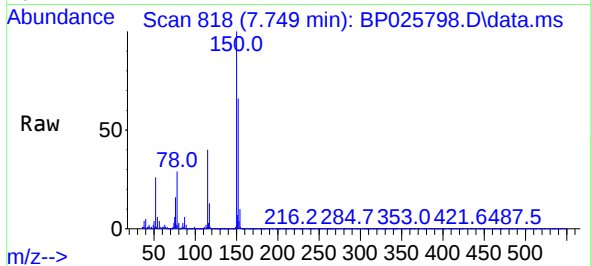




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

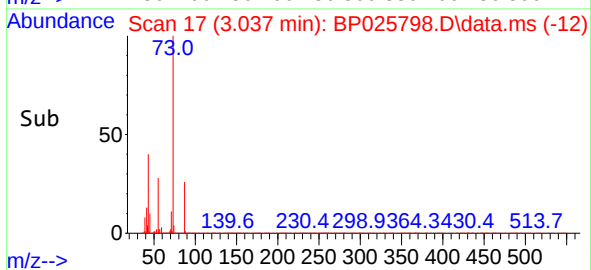
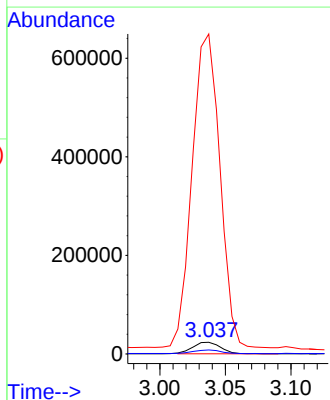
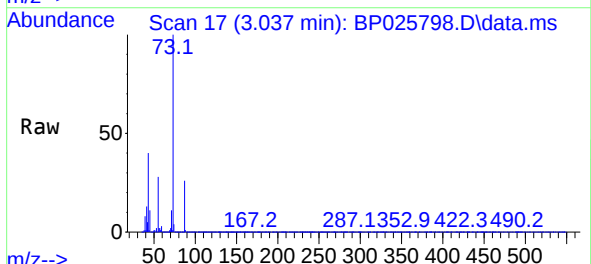
Instrument :
BNA_P
ClientSampleId :

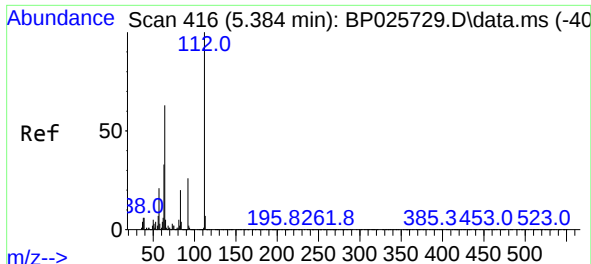
Tgt Ion:152 Resp: 180165
Ion Ratio Lower Upper
152 100
150 152.4 124.3 186.5
115 61.7 50.3 75.5



#2
1,4-Dioxane
Concen: 7.374 ng
RT: 3.037 min Scan# 17
Delta R.T. -0.270 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

Tgt Ion: 88 Resp: 34559
Ion Ratio Lower Upper
88 100
58 32.2 65.5 98.3#
43 2669.8 25.2 37.8#

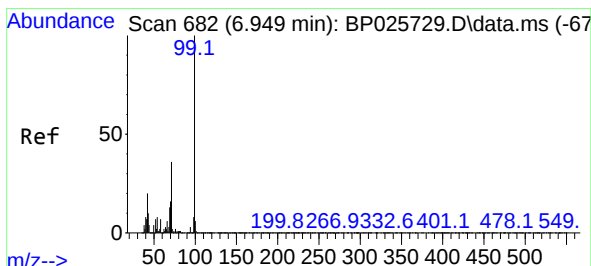
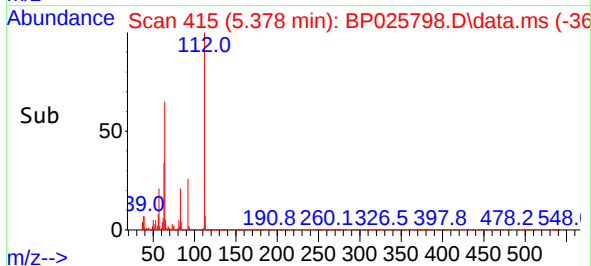
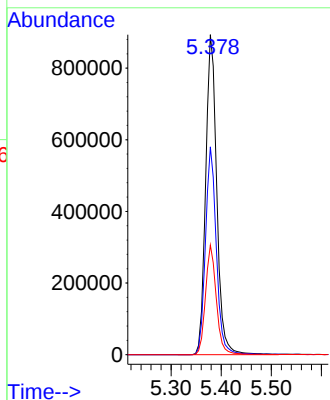
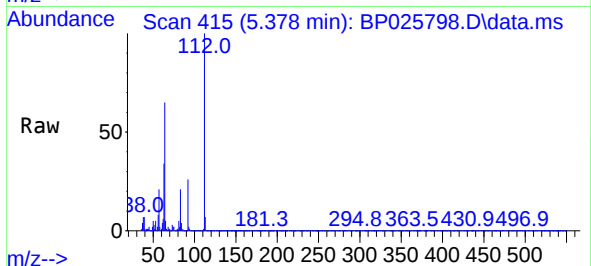




#5
2-Fluorophenol
Concen: 123.407 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

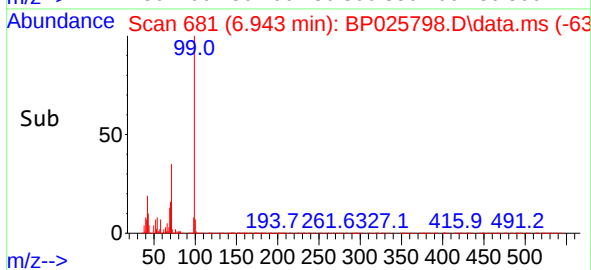
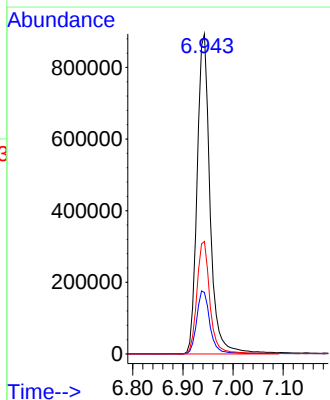
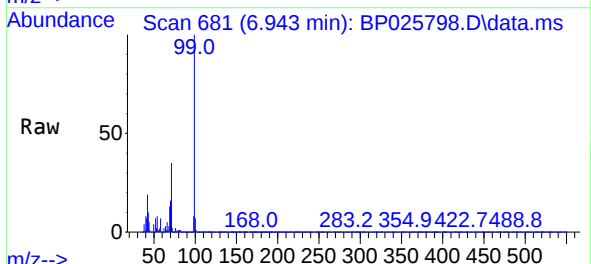
Instrument :
BNA_P
ClientSampleId :

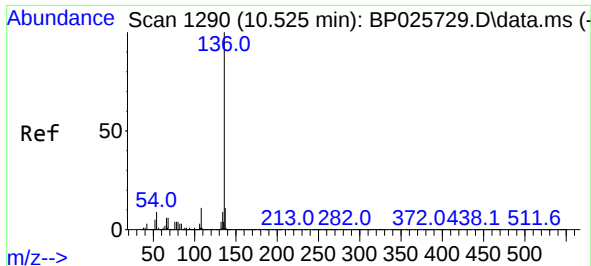
Tgt Ion:112 Resp: 1377933
Ion Ratio Lower Upper
112 100
64 64.9 50.2 75.4
63 34.3 26.7 40.1



#7
Phenol-d6
Concen: 108.071 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

Tgt Ion: 99 Resp: 1603915
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 35.1 28.6 43.0

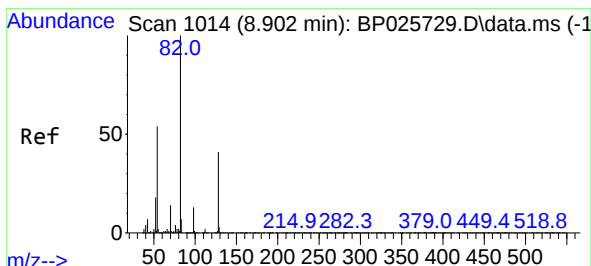
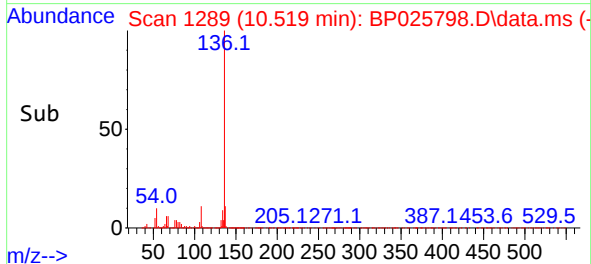
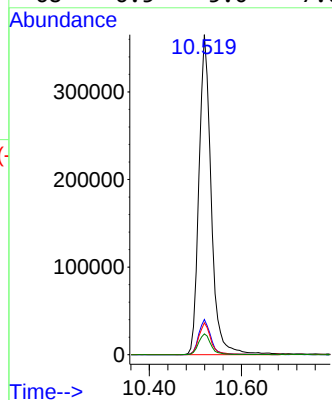
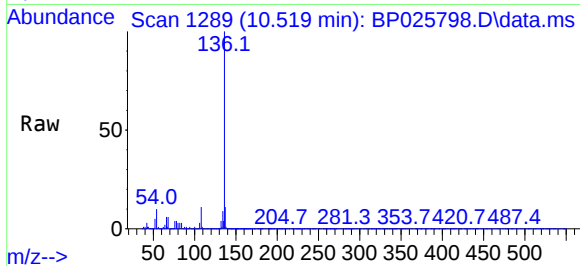




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

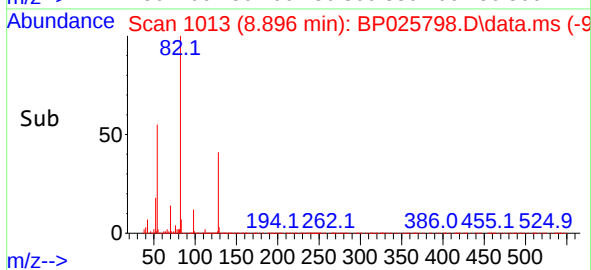
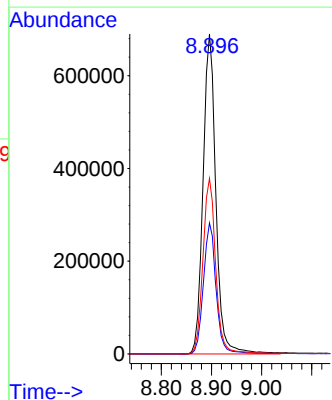
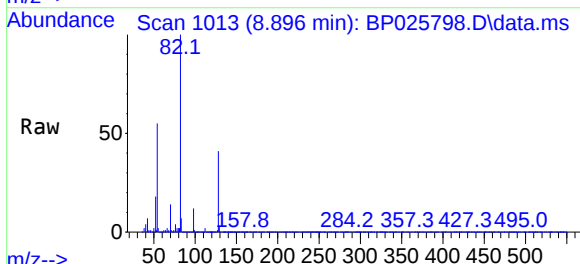
Instrument :
BNA_P
ClientSampleId :

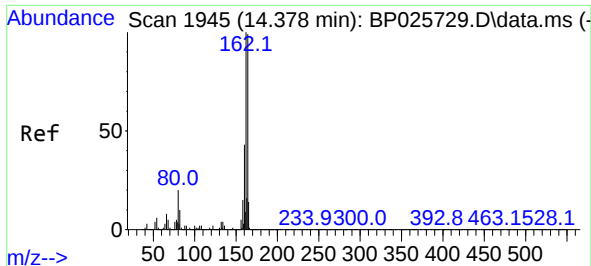
Tgt Ion:136 Resp: 676804
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.0 7.5 11.3
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 79.938 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

Tgt Ion: 82 Resp: 1226504
Ion Ratio Lower Upper
82 100
128 40.9 32.9 49.3
54 54.9 43.4 65.2

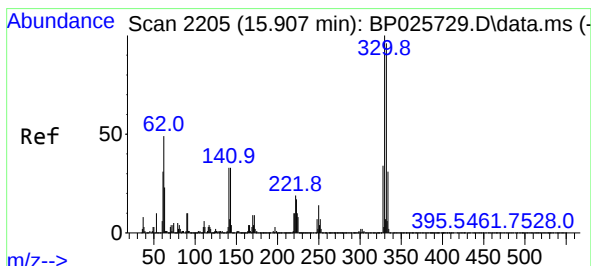
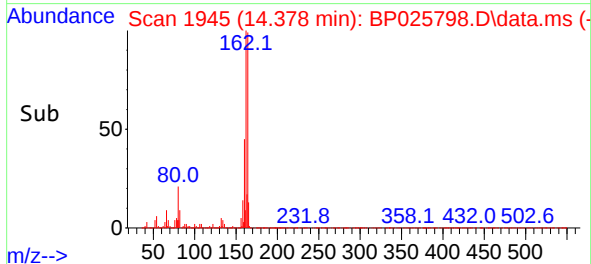
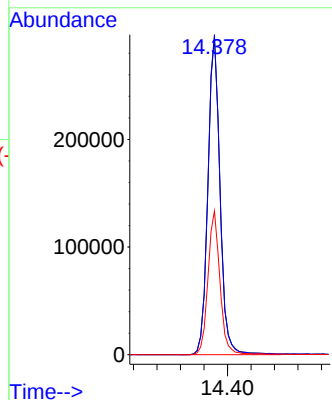
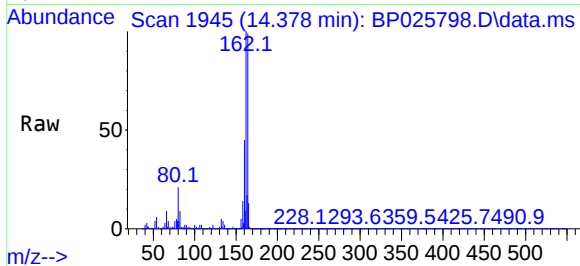




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

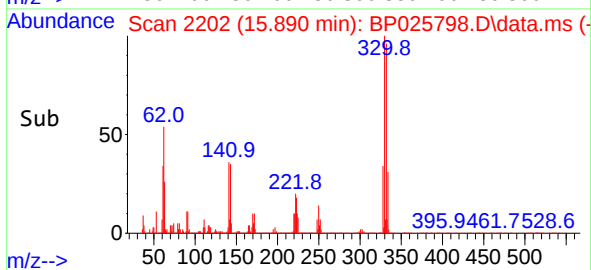
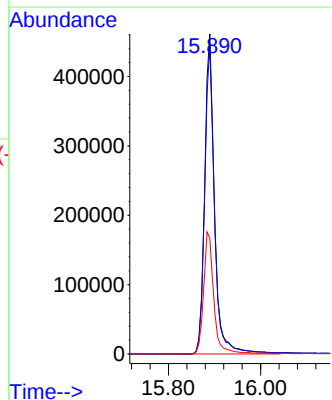
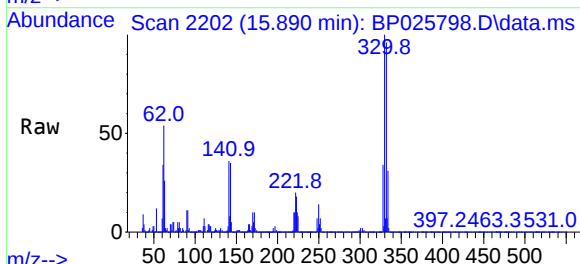
Instrument :
BNA_P
ClientSampleId :

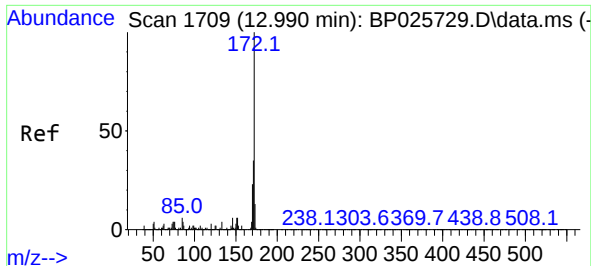
Tgt Ion:164 Resp: 425122
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.3 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 130.422 ng
RT: 15.890 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

Tgt Ion:330 Resp: 691567
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 39.4 31.0 46.4

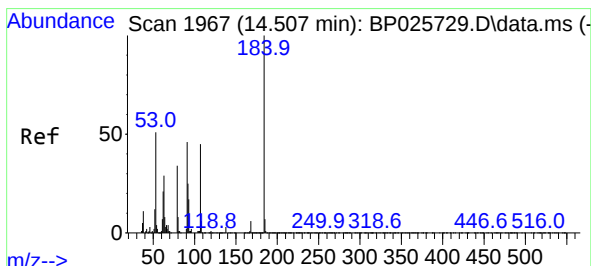
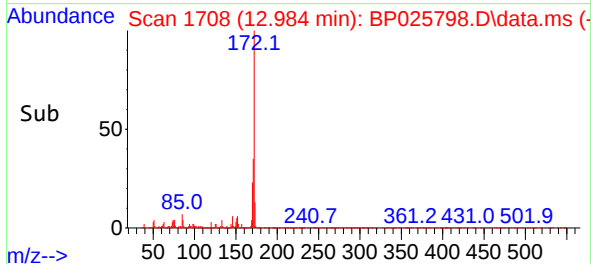
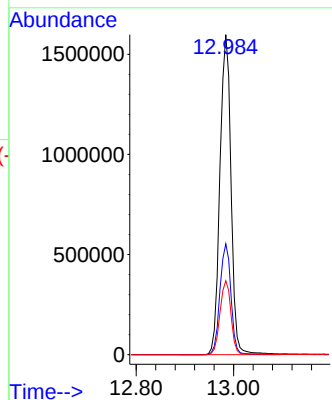
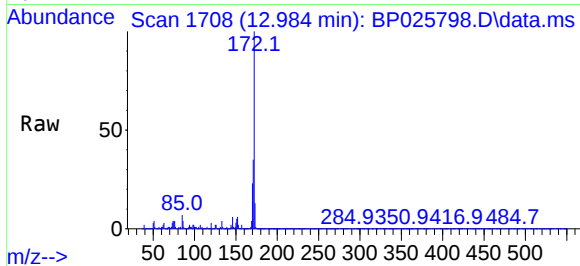




#45
2-Fluorobiphenyl
Concen: 79.060 ng
RT: 12.984 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

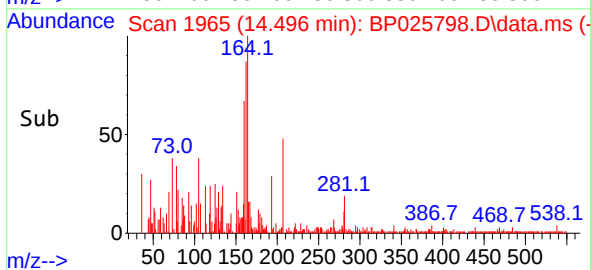
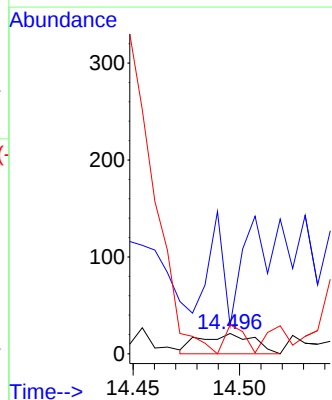
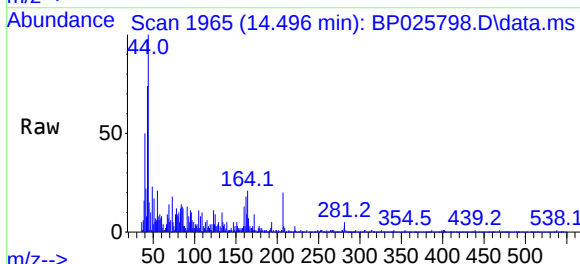
Instrument :
BNA_P
ClientSampleId :

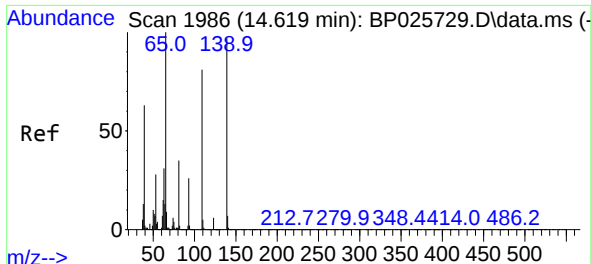
Tgt Ion:172 Resp: 2524221
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.1 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.832 ng
RT: 14.496 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

Tgt Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 138.1 52.5 78.7#
154 142.9 51.5 77.3#

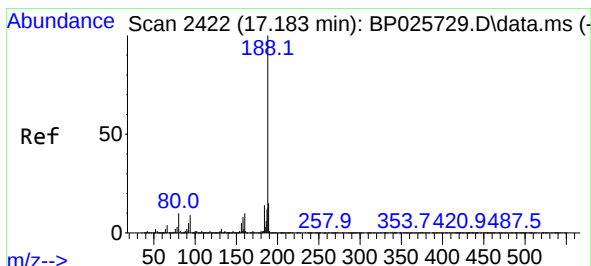
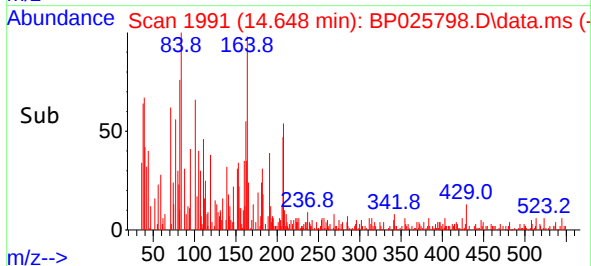
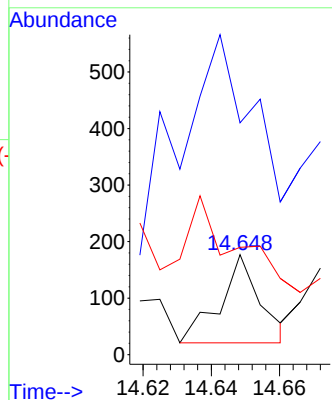
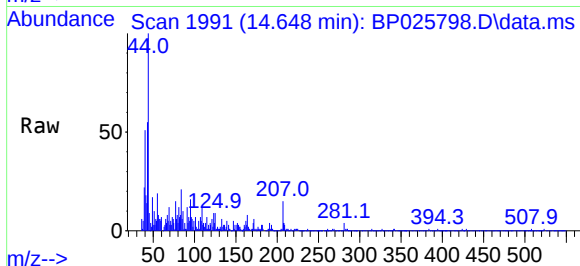




#56
4-Nitrophenol
Concen: 4.502 ng
RT: 14.648 min Scan# 1986
Delta R.T. 0.029 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

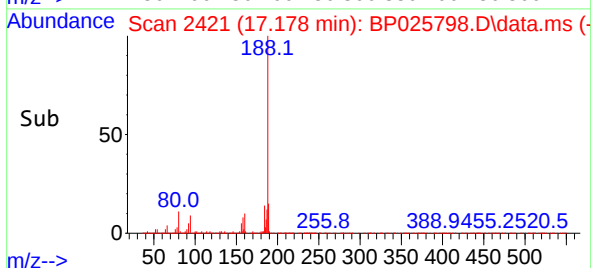
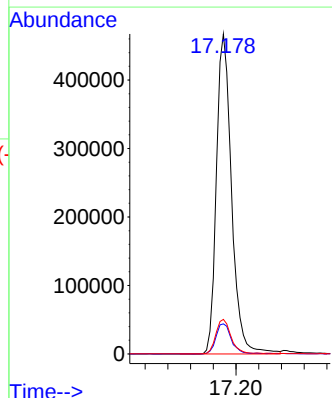
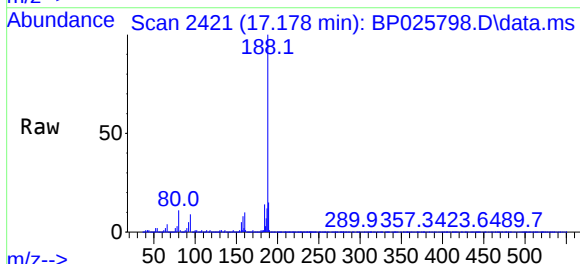
Instrument :
BNA_P
ClientSampleId :

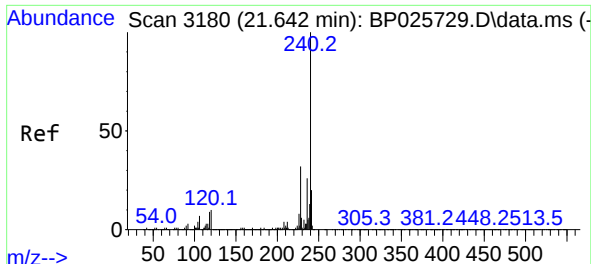
Tgt Ion:139 Resp: 128
Ion Ratio Lower Upper
139 100
109 231.6 62.9 102.9#
65 107.3 83.4 123.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

Tgt Ion:188 Resp: 864253
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.8 7.7 11.5

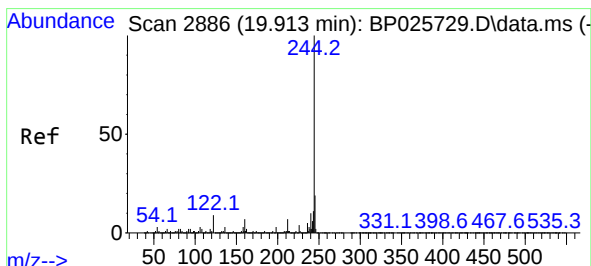
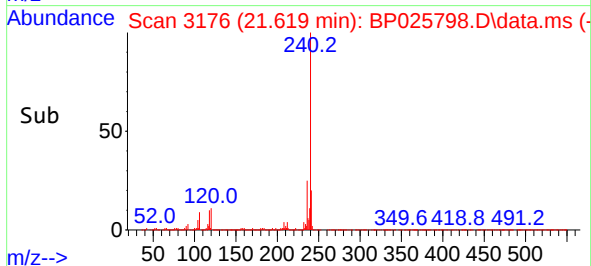
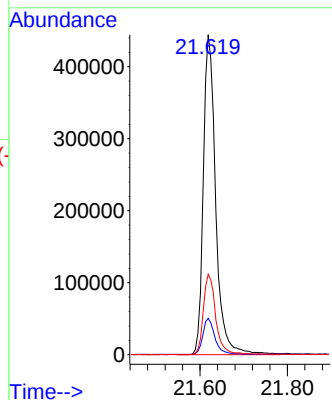
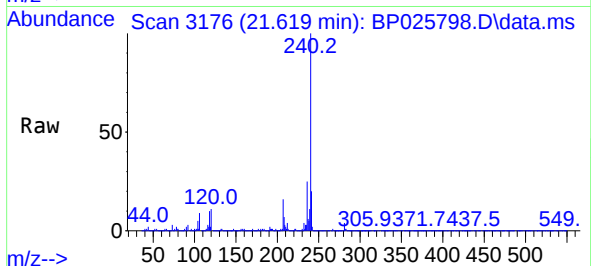




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3180
Delta R.T. -0.023 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

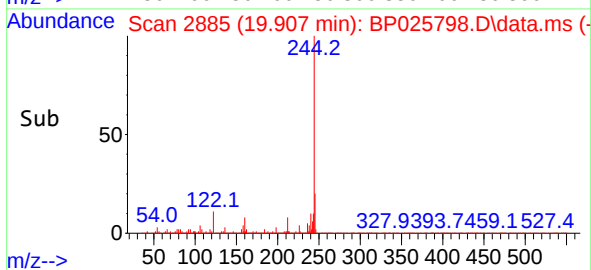
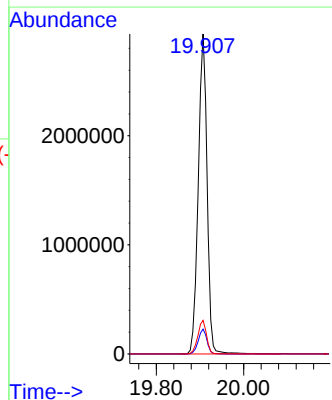
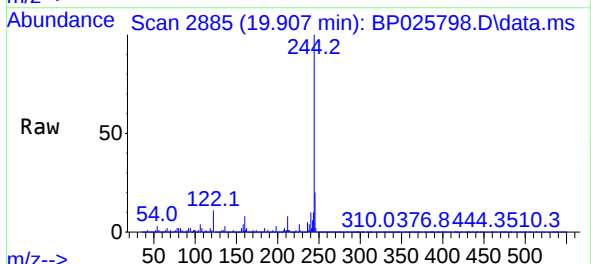
Instrument :
BNA_P
ClientSampleId :

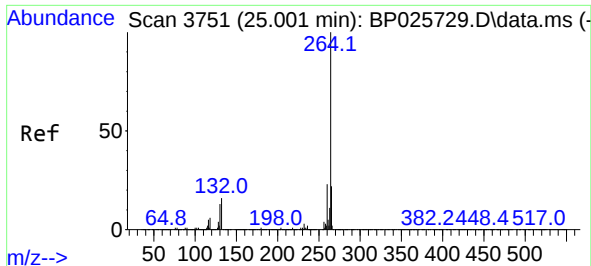
Tgt Ion:240 Resp: 878802
Ion Ratio Lower Upper
240 100
120 11.3 8.0 12.0
236 25.1 20.7 31.1



#79
Terphenyl-d14
Concen: 84.486 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

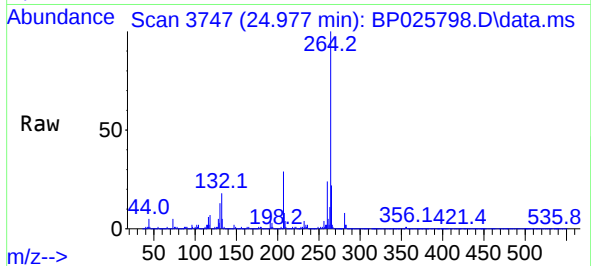
Tgt Ion:244 Resp: 4127121
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.5 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.977 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: BP025798.D
 Acq: 19 Sep 2025 14:24

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 889317
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 22.0 17.3 25.9

