

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
 Data File : BP025847.D
 Acq On : 24 Sep 2025 16:04
 Operator : CG/JU
 Sample : Q3159-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 24 16:26:17 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)

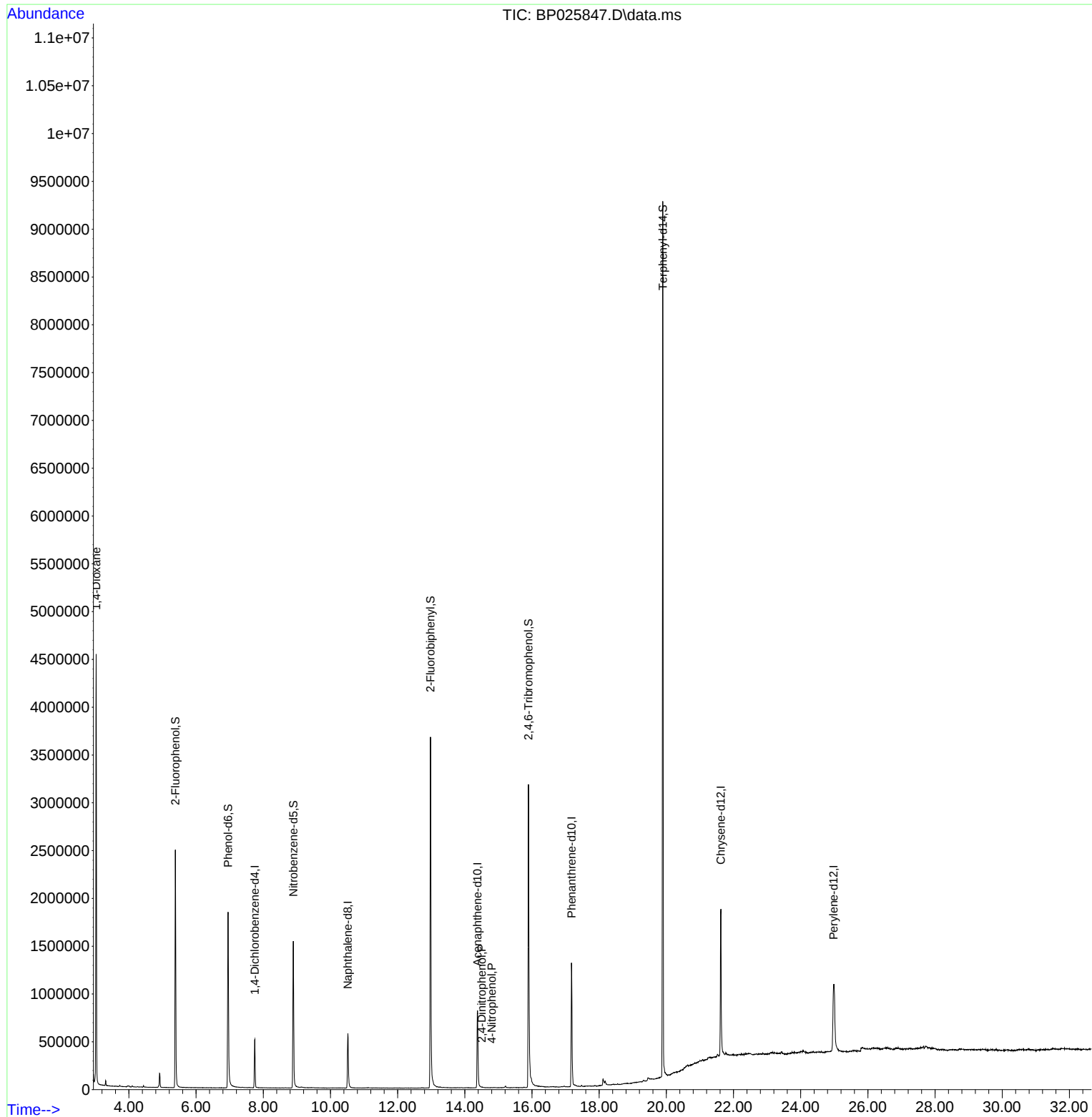
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.748	152	143603	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	557965	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	401062	20.000	ng	0.00
64) Phenanthrene-d10	17.177	188	948611	20.000	ng	0.00
76) Chrysene-d12	21.624	240	1013178	20.000	ng	-0.02
86) Perylene-d12	24.983	264	1079781	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1125260	126.436	ng	0.00
7) Phenol-d6	6.954	99	1325046	112.012	ng	0.00
23) Nitrobenzene-d5	8.895	82	992128	78.435	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	801693	160.260	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	2364384	78.496	ng	-0.01
79) Terphenyl-d14	19.895	244	4768943	84.677	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	27402	7.336	ng	# 1
54) 2,4-Dinitrophenol	14.507	184	11	4.827	ng	# 1
56) 4-Nitrophenol	14.801	139	162	4.508	ng	92

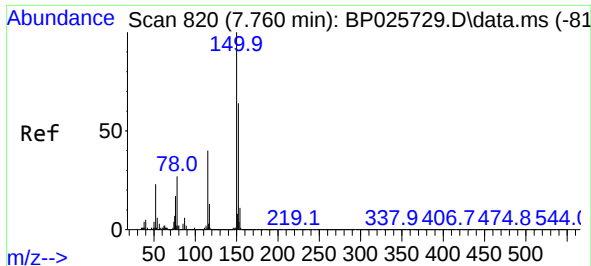
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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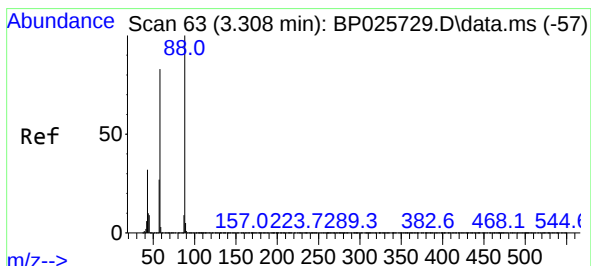
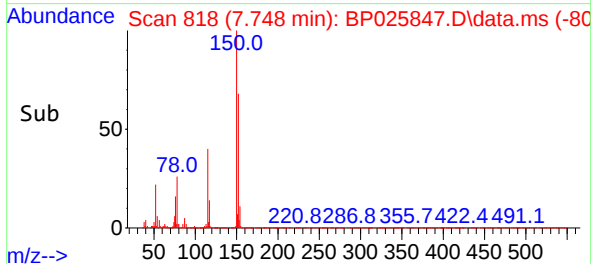
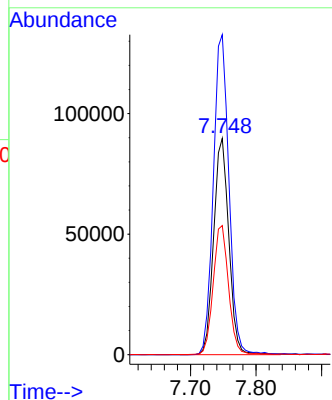
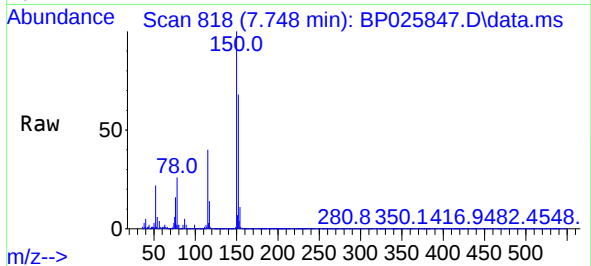




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.748 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

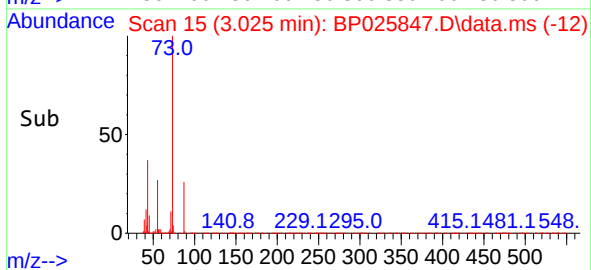
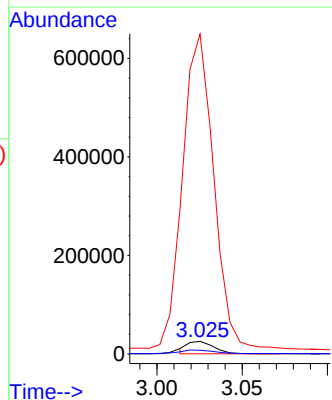
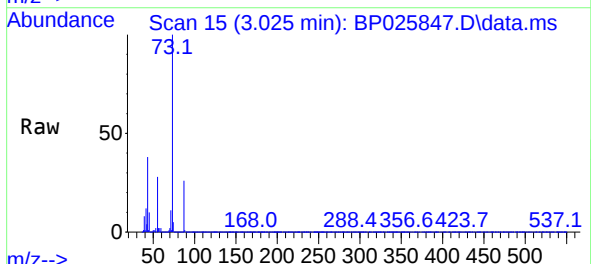
Instrument :
BNA_P
ClientSampleId :

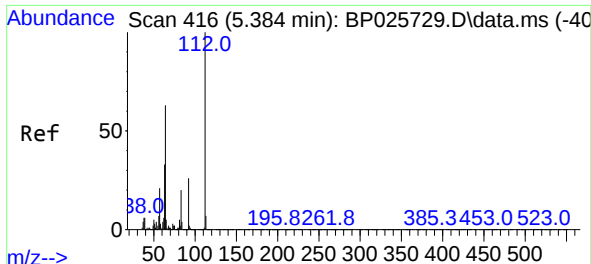
Tgt Ion:152 Resp: 143603
Ion Ratio Lower Upper
152 100
150 147.9 124.3 186.5
115 59.7 50.3 75.5



#2
1,4-Dioxane
Concen: 7.336 ng
RT: 3.025 min Scan# 15
Delta R.T. -0.283 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

Tgt Ion: 88 Resp: 27402
Ion Ratio Lower Upper
88 100
58 29.4 65.5 98.3#
43 2555.1 25.2 37.8#

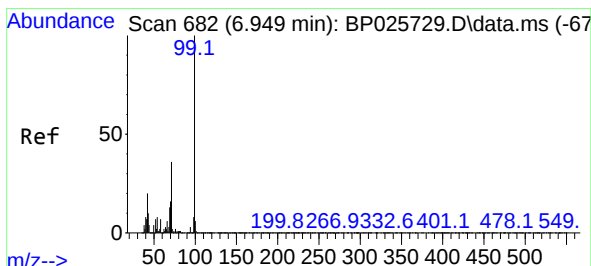
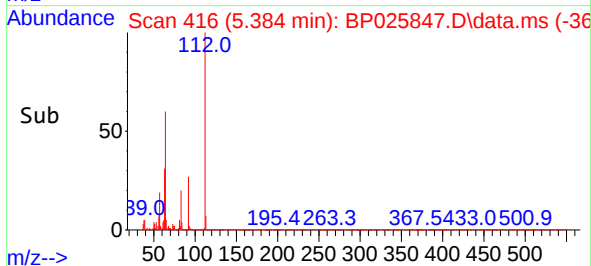
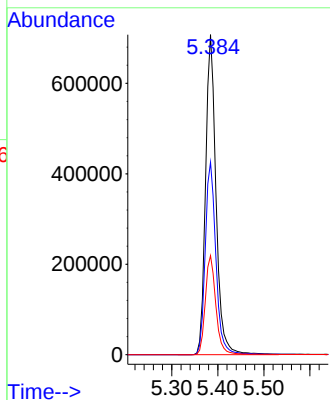
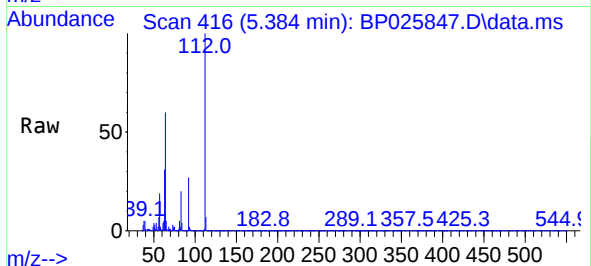




#5
2-Fluorophenol
Concen: 126.436 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

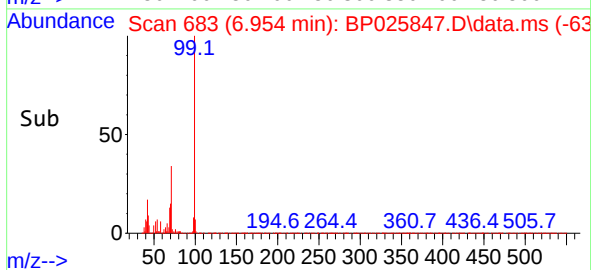
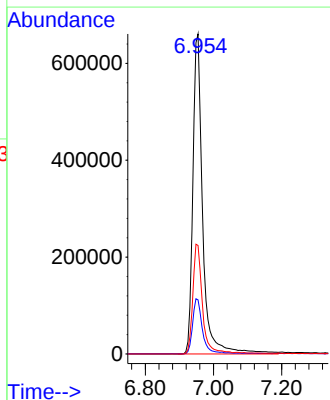
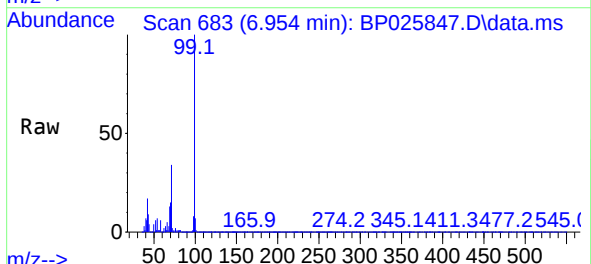
Instrument :
BNA_P
ClientSampleId :

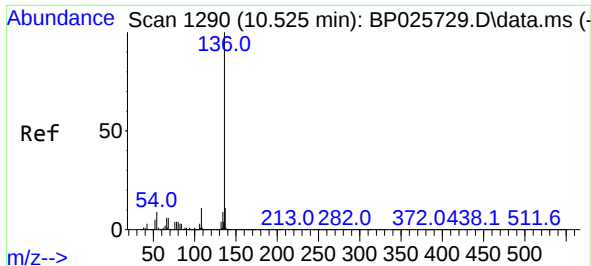
Tgt Ion:112 Resp: 1125260
Ion Ratio Lower Upper
112 100
64 60.1 50.2 75.4
63 31.0 26.7 40.1



#7
Phenol-d6
Concen: 112.012 ng
RT: 6.954 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

Tgt Ion: 99 Resp: 1325046
Ion Ratio Lower Upper
99 100
42 16.9 15.6 23.4
71 33.9 28.6 43.0



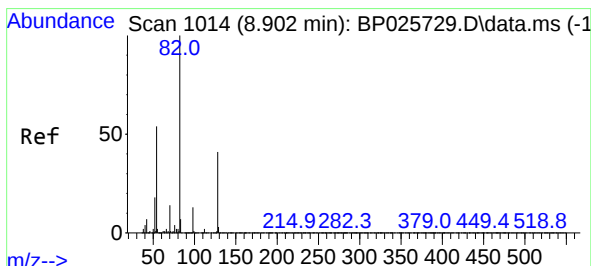
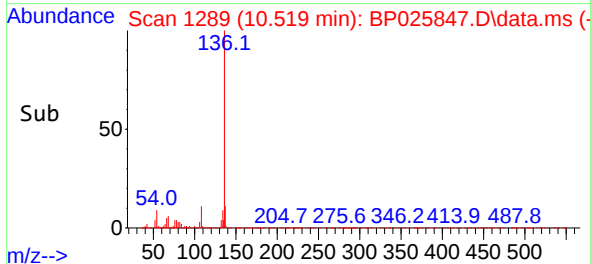
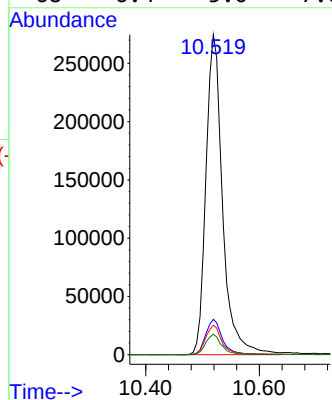
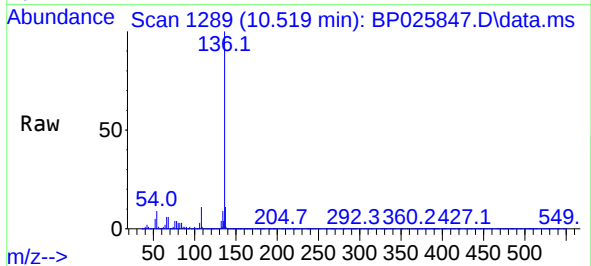


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 136 Resp: 557965

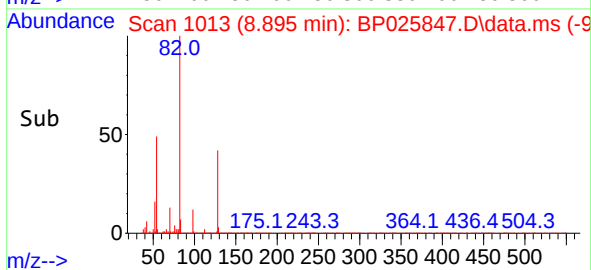
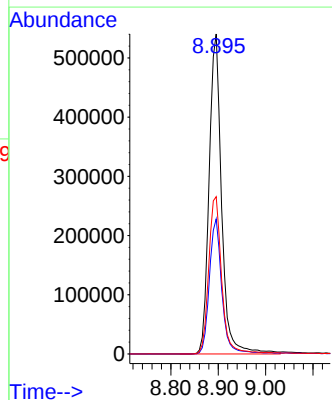
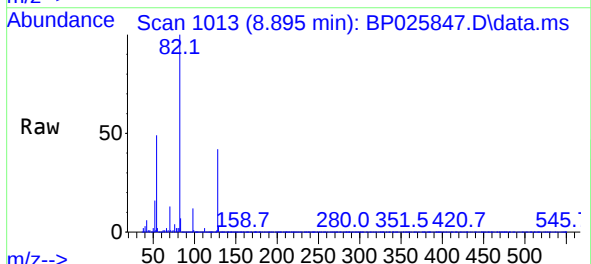
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.2	7.5	11.3
68	6.4	5.0	7.6

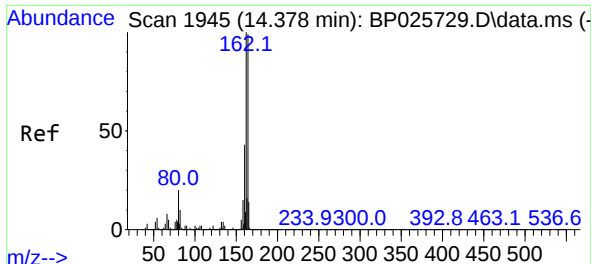


#23
Nitrobenzene-d5
Concen: 78.435 ng
RT: 8.895 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

Tgt Ion: 82 Resp: 992128

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.9	49.3
54	49.2	43.4	65.2

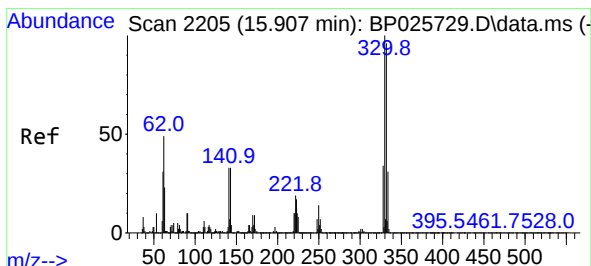
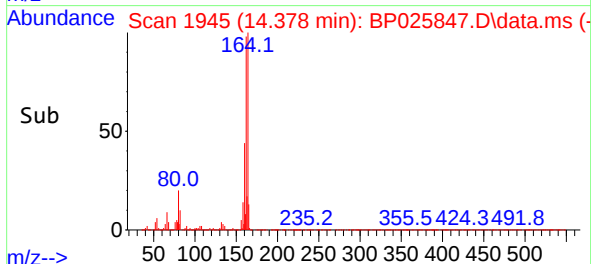
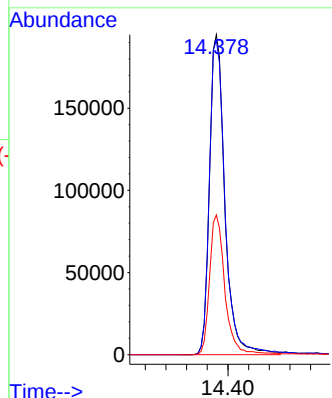
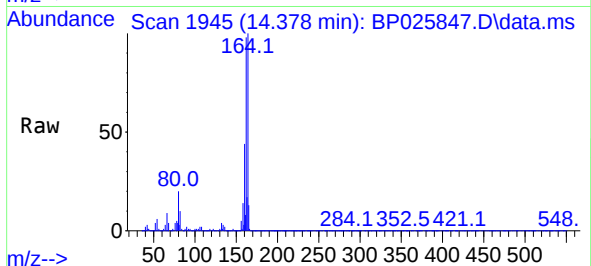




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

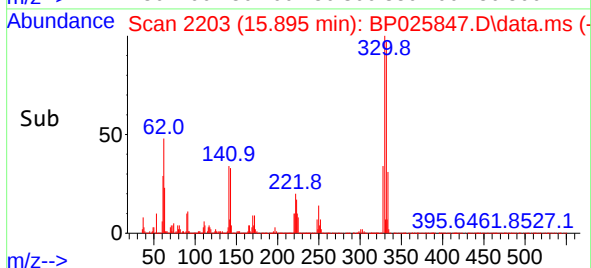
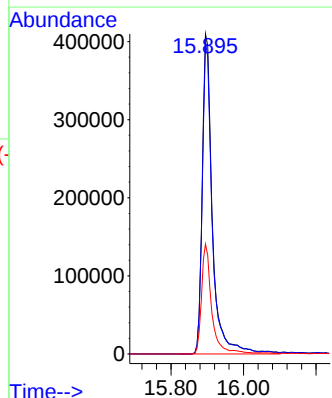
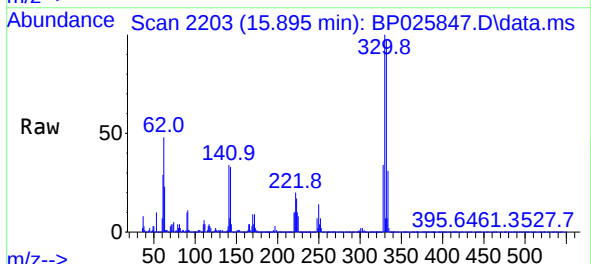
Instrument :
BNA_P
ClientSampleId :

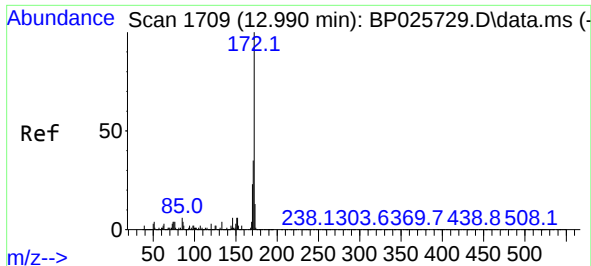
Tgt Ion:164 Resp: 401062
Ion Ratio Lower Upper
164 100
162 98.1 80.6 120.8
160 43.6 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 160.260 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

Tgt Ion:330 Resp: 801693
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 34.1 31.0 46.4

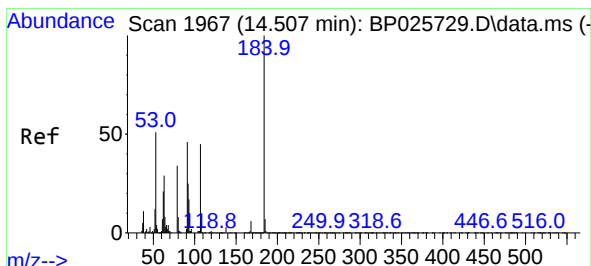
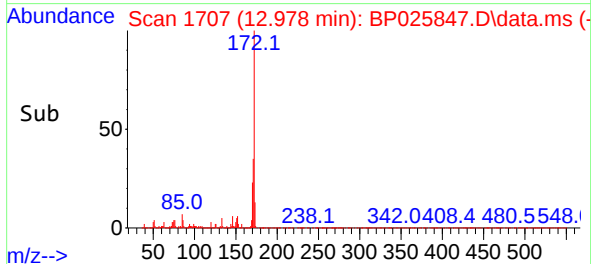
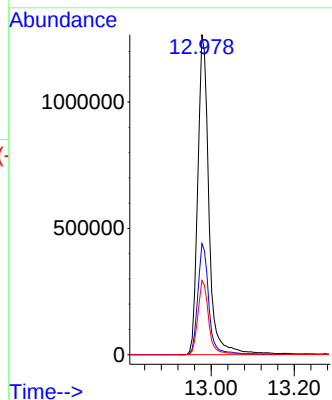
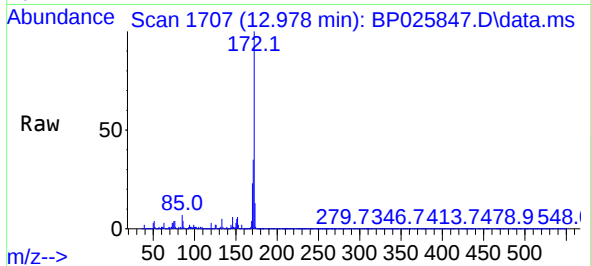




#45
2-Fluorobiphenyl
Concen: 78.496 ng
RT: 12.978 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

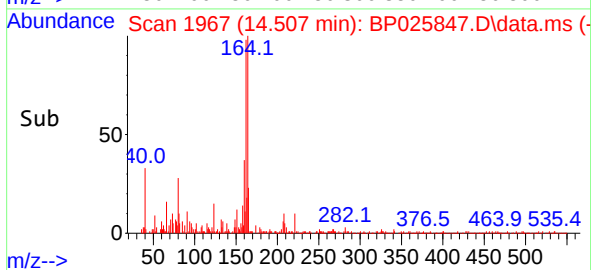
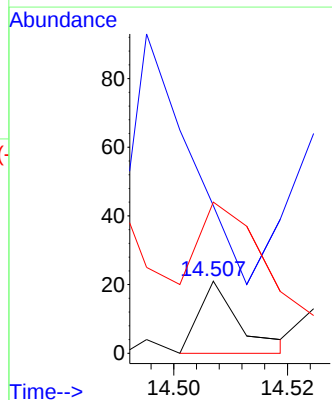
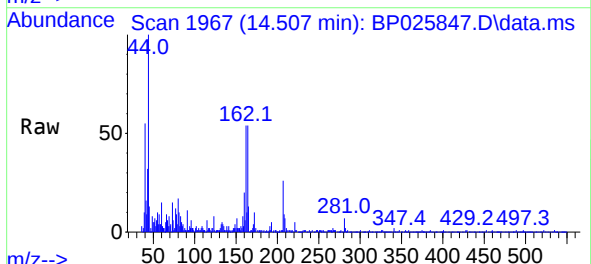
Instrument :
BNA_P
ClientSampleId :

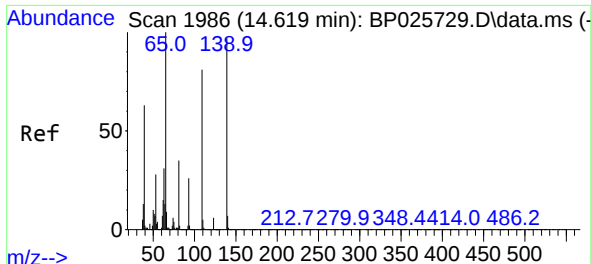
Tgt Ion:172 Resp: 2364384
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.827 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 204.8 52.5 78.7#
154 209.5 51.5 77.3#

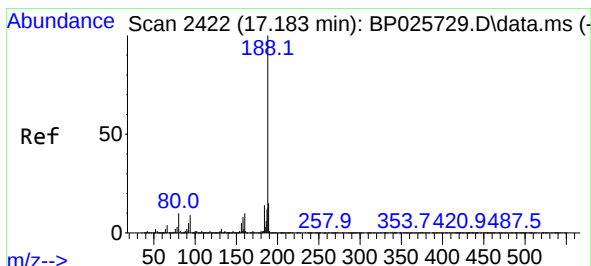
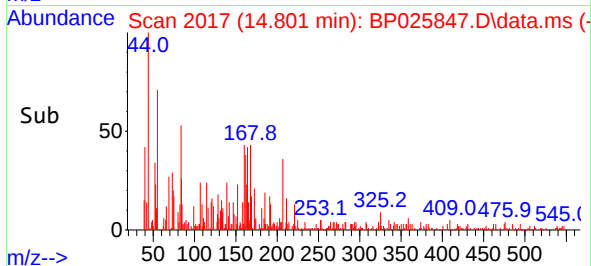
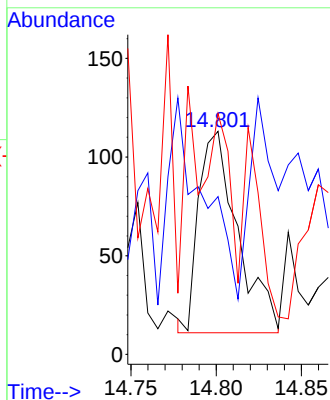
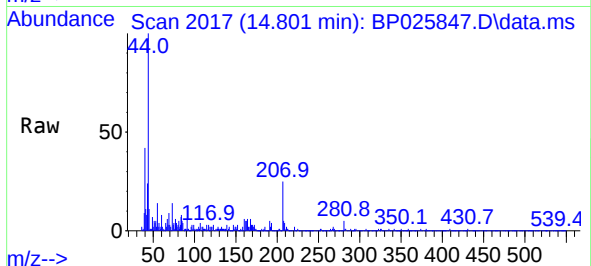




#56
4-Nitrophenol
Concen: 4.508 ng
RT: 14.801 min Scan# 2017
Delta R.T. 0.182 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

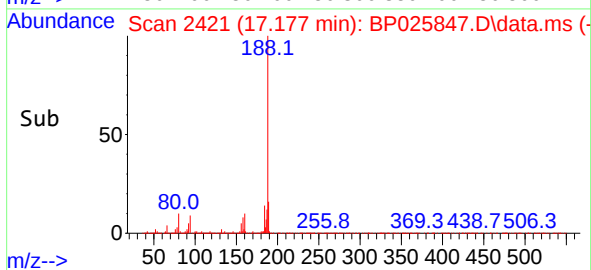
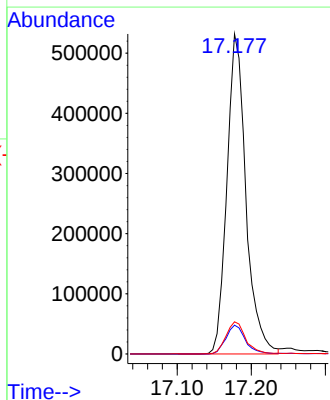
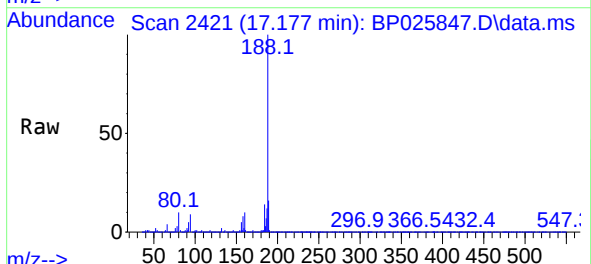
Instrument :
BNA_P
ClientSampleId :

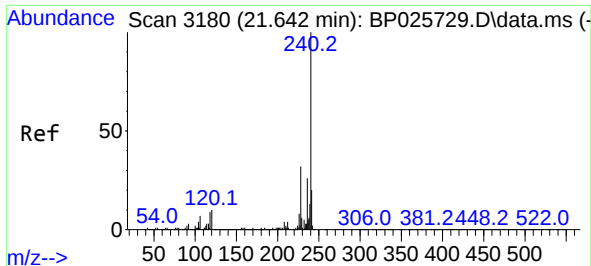
Tgt Ion:	139	Resp:	162
Ion	Ratio	Lower	Upper
139	100		
109	70.8	62.9	102.9
65	108.0	83.4	123.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.177 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

Tgt Ion:	188	Resp:	948611
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.0
80	10.1	7.7	11.5

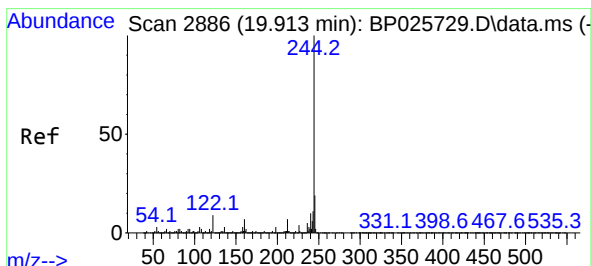
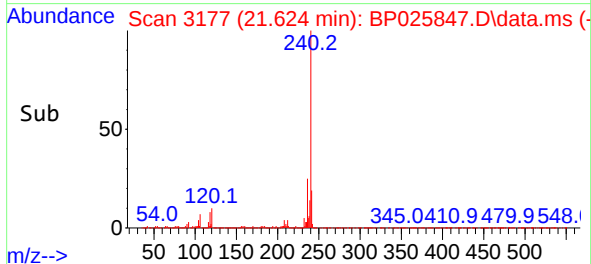
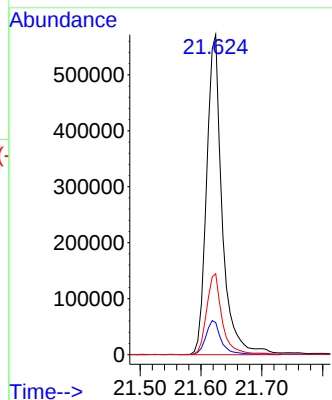
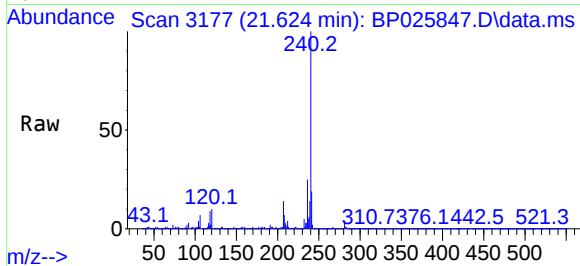




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3180
Delta R.T. -0.018 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

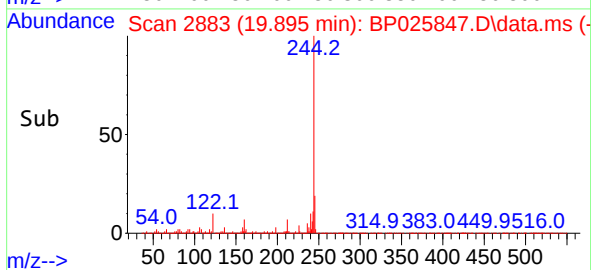
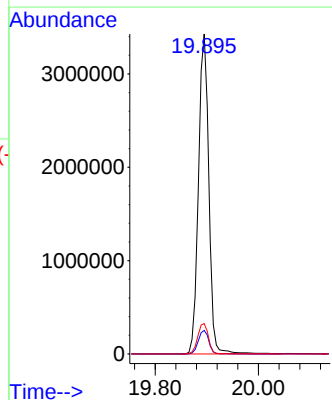
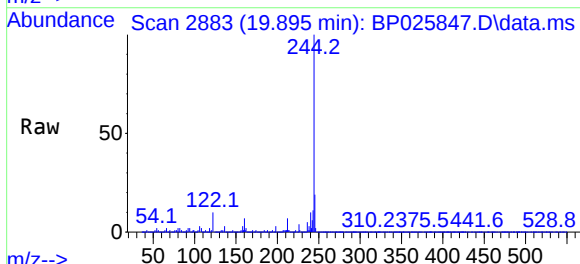
Instrument :
BNA_P
ClientSampleId :

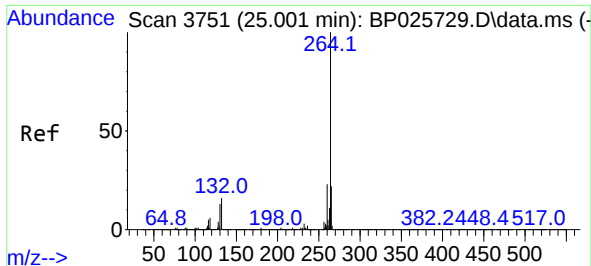
Tgt Ion:240 Resp: 1013178
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 84.677 ng
RT: 19.895 min Scan# 2883
Delta R.T. -0.018 min
Lab File: BP025847.D
Acq: 24 Sep 2025 16:04

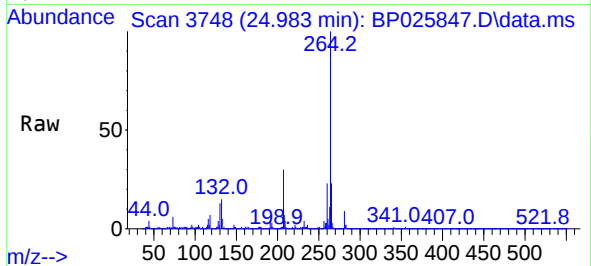
Tgt Ion:244 Resp: 4768943
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.5 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.983 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP025847.D
 Acq: 24 Sep 2025 16:04

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 1079781
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 23.0 17.3 25.9

