

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025825.D
 Acq On : 23 Sep 2025 11:44
 Operator : CG/JU
 Sample : PB169765BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169765BL

Quant Time: Sep 23 12:14:38 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)

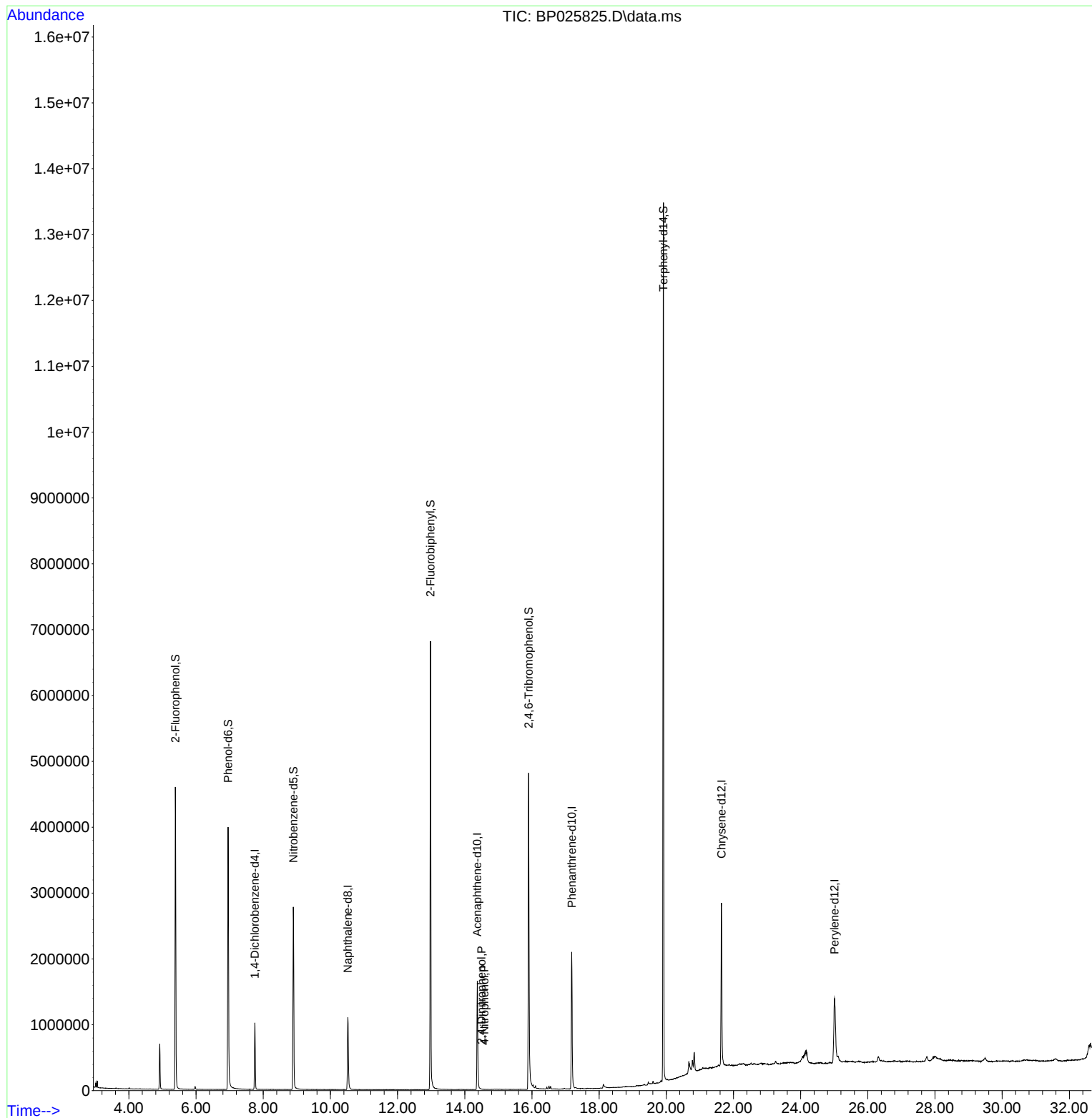
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	266322	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	1057576	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	690667	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	1552730	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1709870	20.000	ng	0.00
86) Perylene-d12	25.006	264	1425780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	2015037	122.084	ng	0.00
7) Phenol-d6	6.955	99	2518245	114.786	ng	0.00
23) Nitrobenzene-d5	8.896	82	1714232	71.500	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	1119366	129.937	ng	0.00
45) 2-Fluorobiphenyl	12.978	172	3769017	72.661	ng	-0.01
79) Terphenyl-d14	19.913	244	7070357	74.389	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.495	184	10	4.826	ng	# 1
56) 4-Nitrophenol	14.584	139	101	4.492	ng	# 76

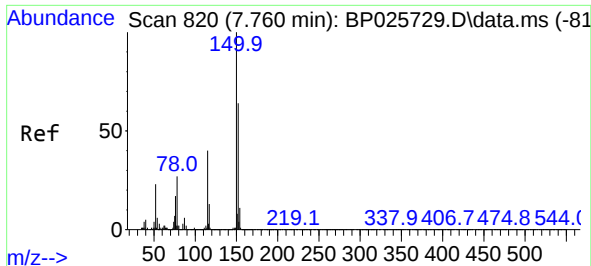
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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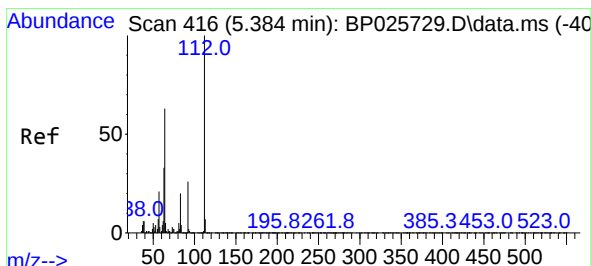
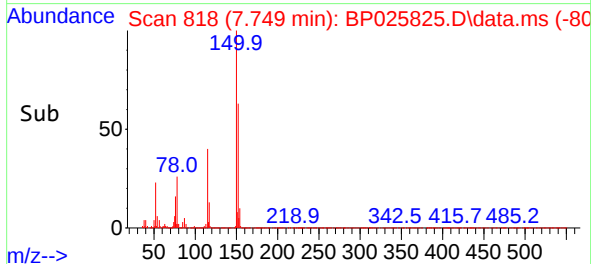
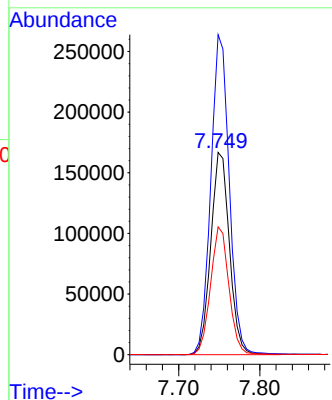
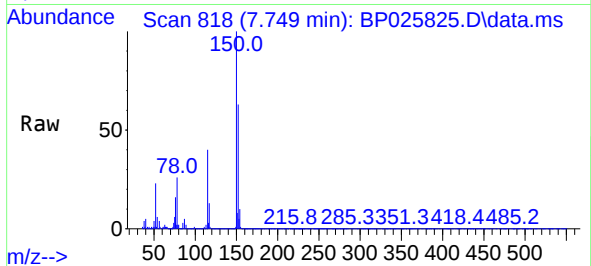




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

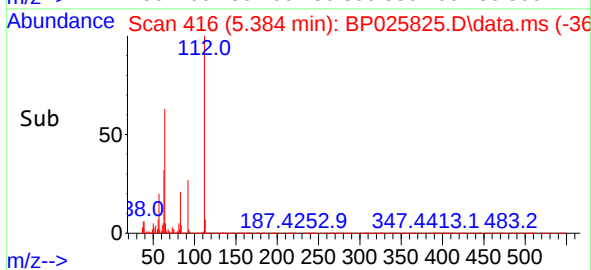
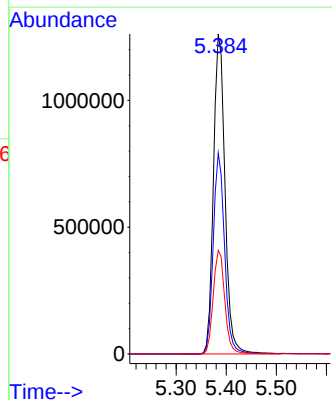
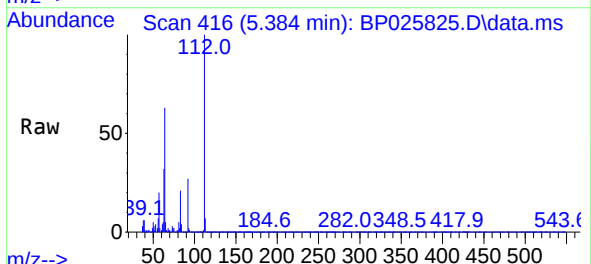
Instrument :
BNA_P
ClientSampleId :
PB169765BL

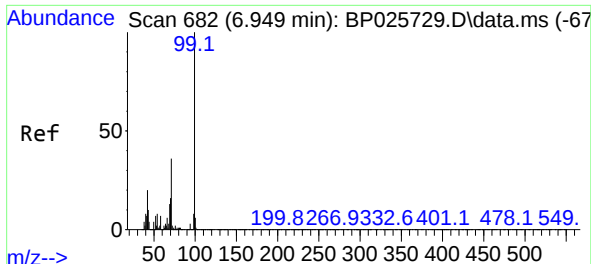
Tgt Ion:152 Resp: 266322
Ion Ratio Lower Upper
152 100
150 158.3 124.3 186.5
115 63.3 50.3 75.5



#5
2-Fluorophenol
Concen: 122.084 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

Tgt Ion:112 Resp: 2015037
Ion Ratio Lower Upper
112 100
64 62.8 50.2 75.4
63 32.4 26.7 40.1

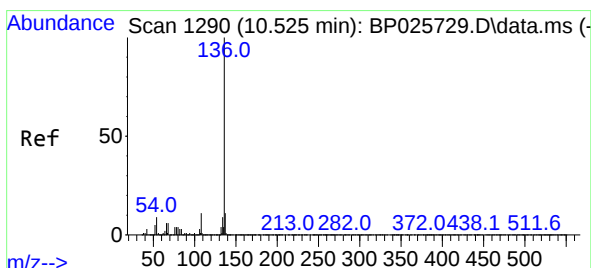
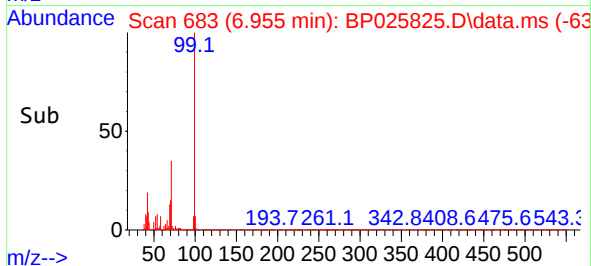
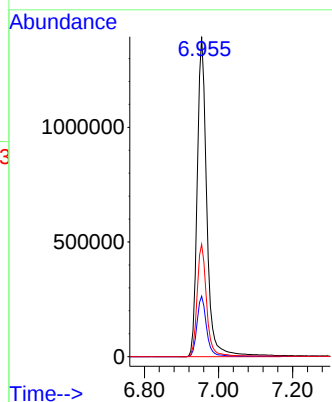
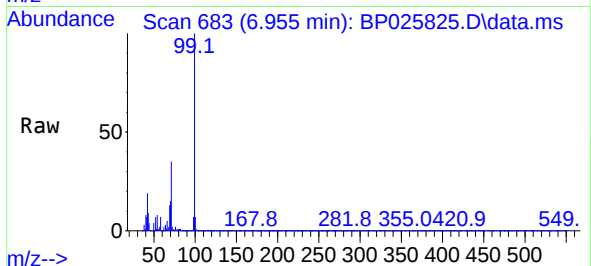




#7
Phenol-d6
Concen: 114.786 ng
RT: 6.955 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

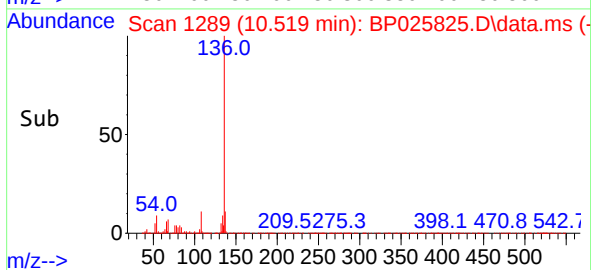
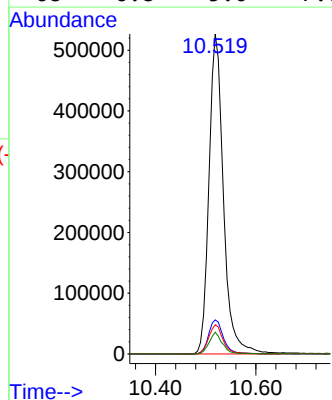
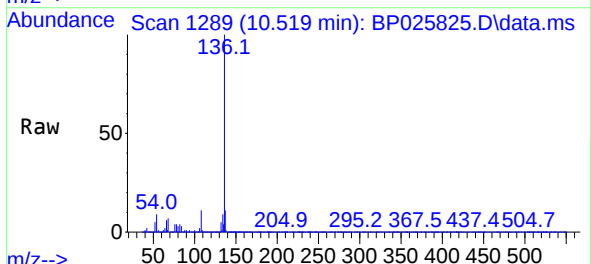
Instrument :
BNA_P
ClientSampleId :
PB169765BL

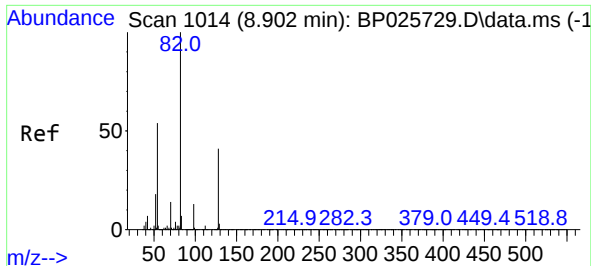
Tgt Ion: 99 Resp: 2518245
Ion Ratio Lower Upper
99 100
42 18.9 15.6 23.4
71 35.1 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

Tgt Ion:136 Resp: 1057576
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.1 7.5 11.3
68 6.8 5.0 7.6

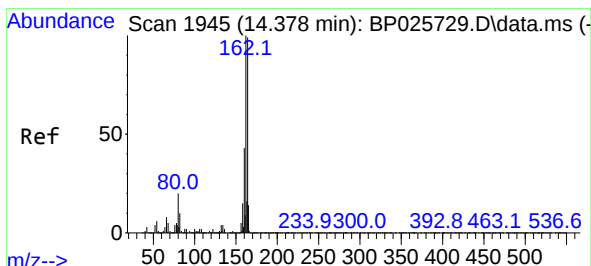
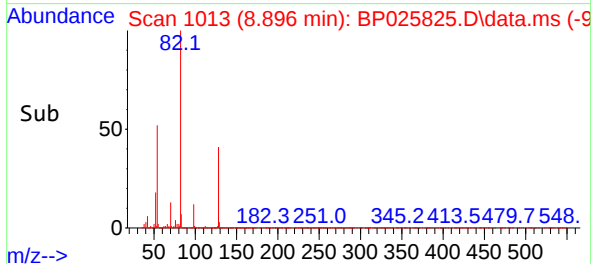
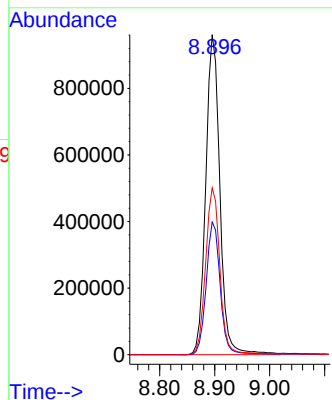
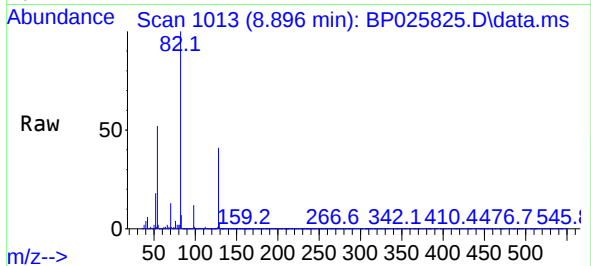




#23
Nitrobenzene-d5
Concen: 71.500 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

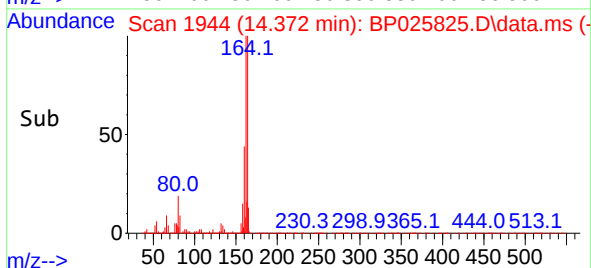
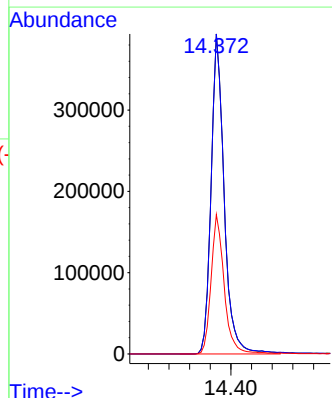
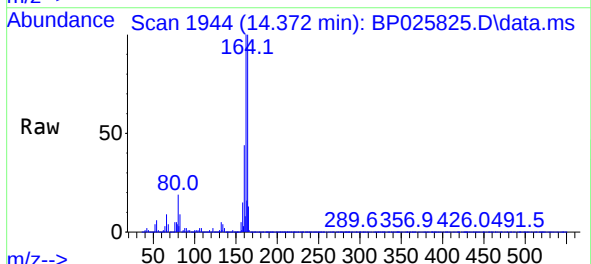
Instrument :
BNA_P
ClientSampleId :
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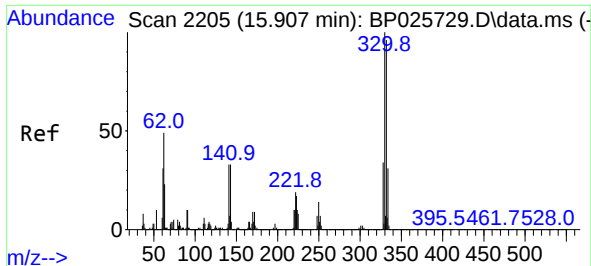
Tgt Ion: 82 Resp: 1714232
Ion Ratio Lower Upper
82 100
128 41.4 32.9 49.3
54 52.1 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

Tgt Ion: 164 Resp: 690667
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 43.5 35.0 52.6

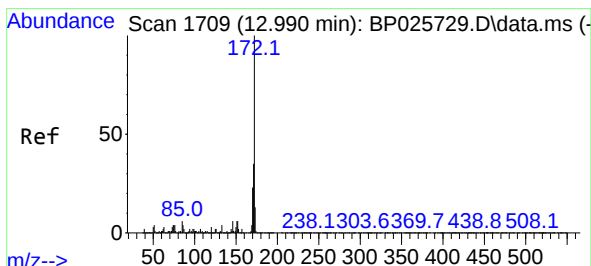
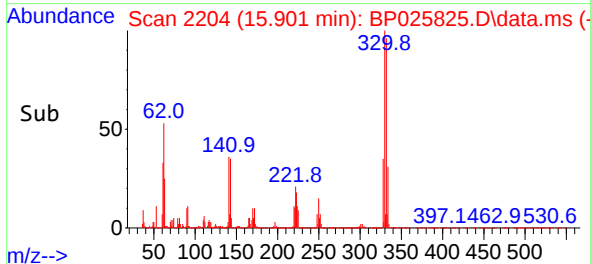
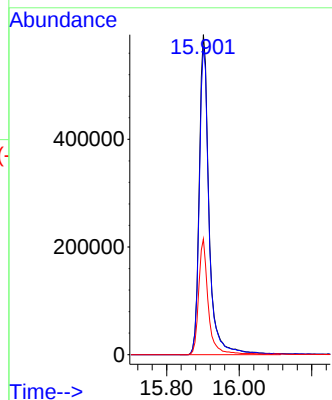
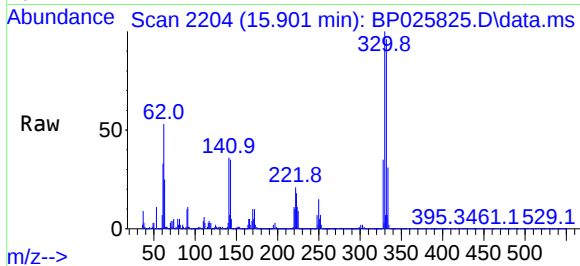




#42
2,4,6-Tribromophenol
Concen: 129.937 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

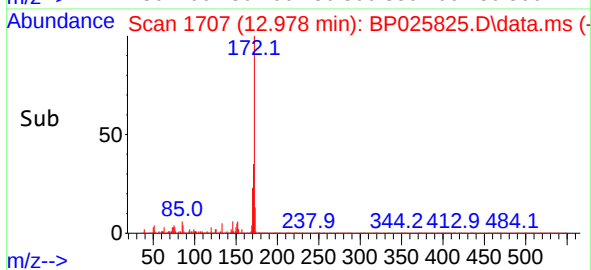
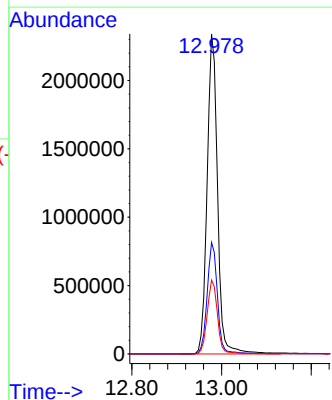
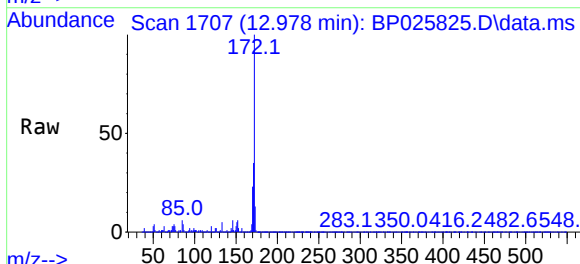
Instrument :
BNA_P
ClientSampleId :
PB169765BL

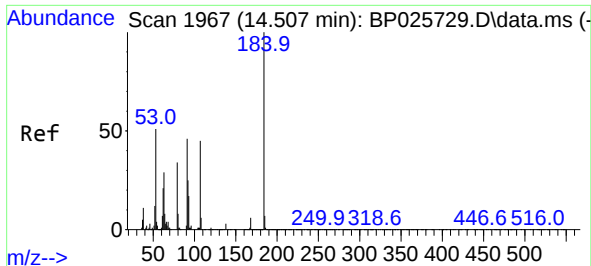
Tgt Ion:330 Resp: 1119366
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 35.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 72.661 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

Tgt Ion:172 Resp: 3769017
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.1 18.6 27.8

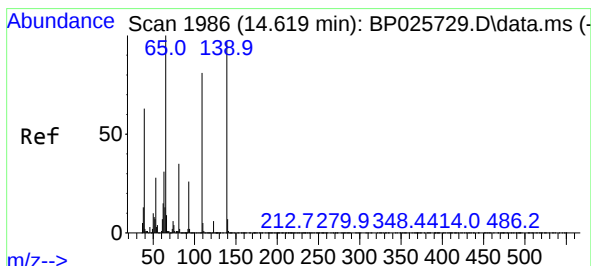
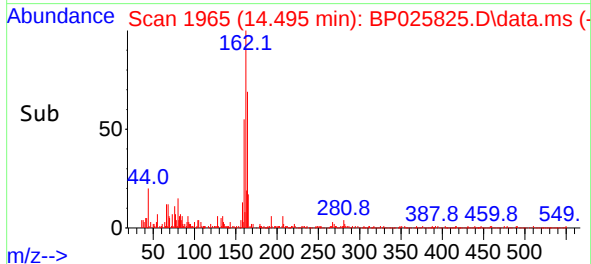
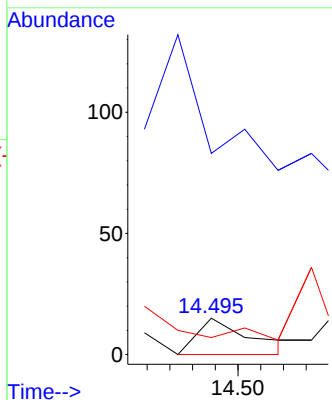
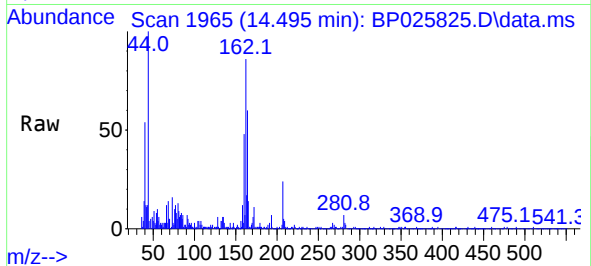




#54
2,4-Dinitrophenol
Concen: 4.826 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

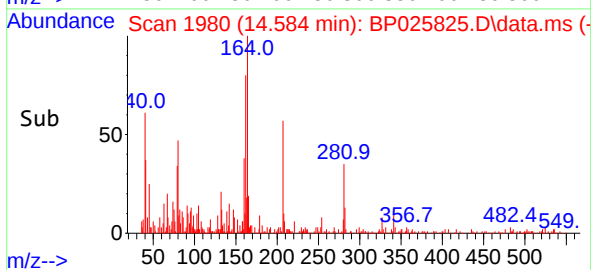
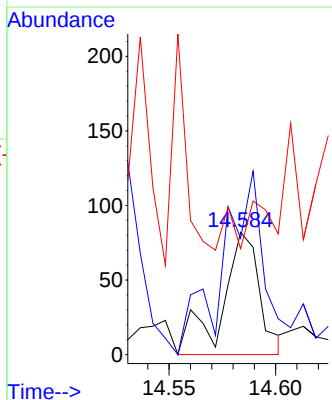
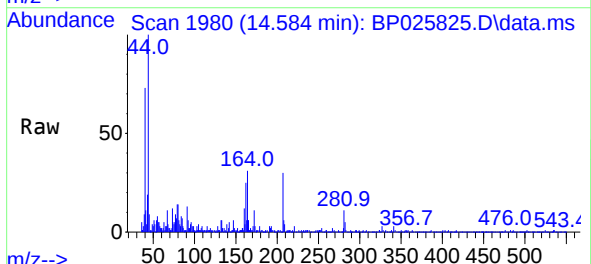
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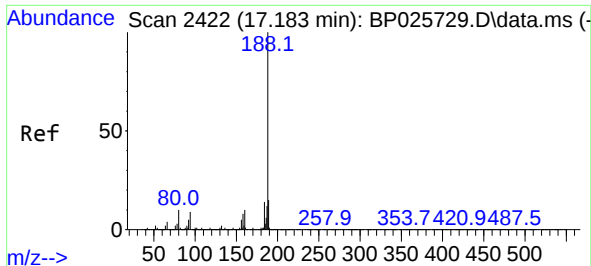
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 553.3 52.5 78.7#
154 46.7 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.492 ng
RT: 14.584 min Scan# 1980
Delta R.T. -0.035 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

Tgt Ion:139 Resp: 101
Ion Ratio Lower Upper
139 100
109 112.2 62.9 102.9#
65 86.6 83.4 123.4

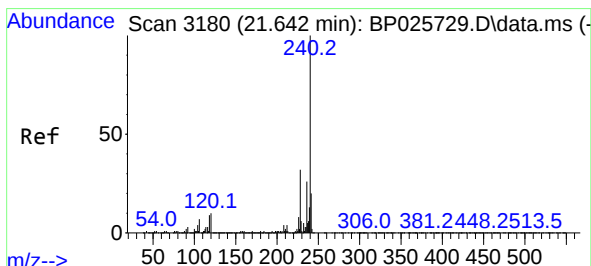
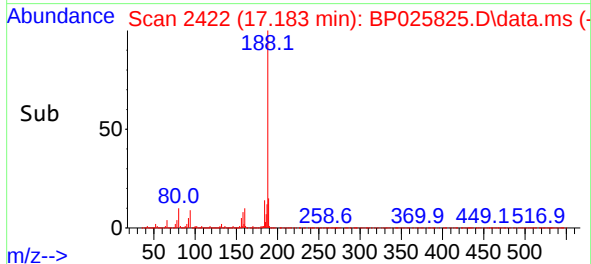
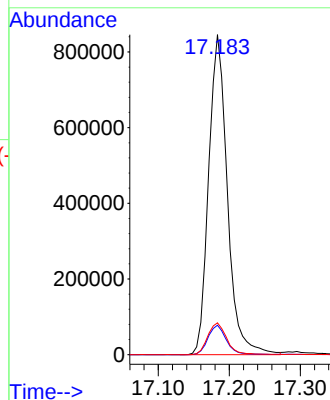
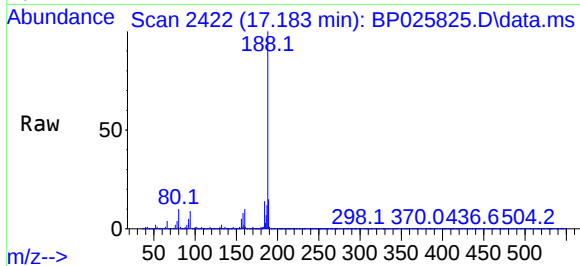




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

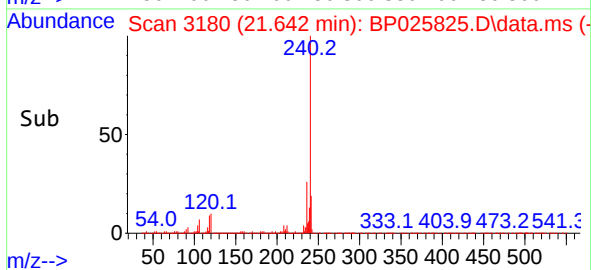
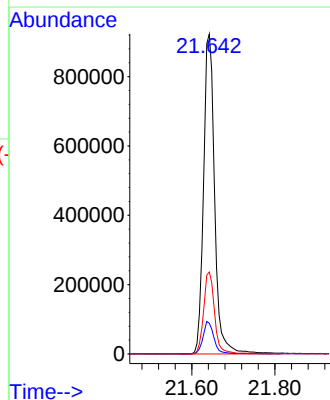
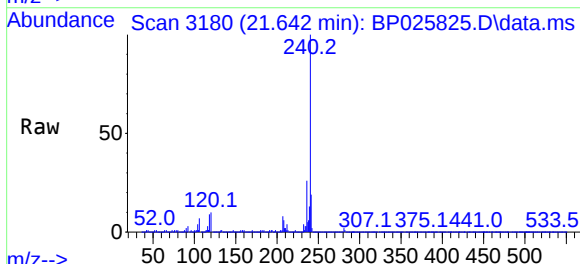
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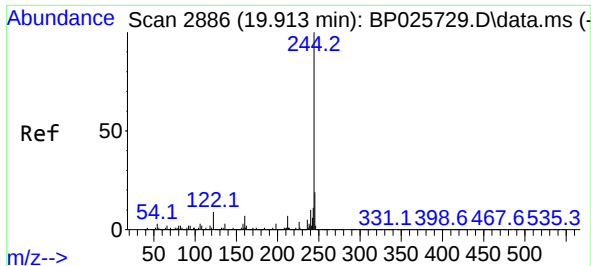
Tgt Ion:188 Resp: 1552730
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.000 min
Lab File: BP025825.D
Acq: 23 Sep 2025 11:44

Tgt Ion:240 Resp: 1709870
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.6 20.7 31.1



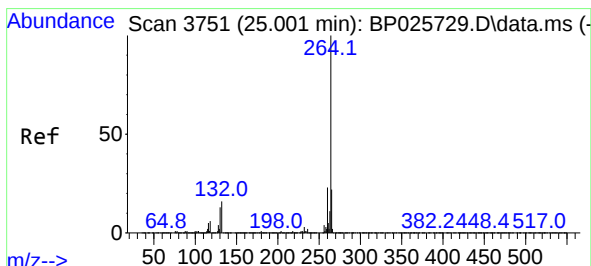
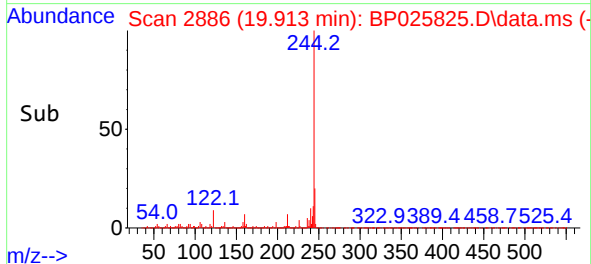
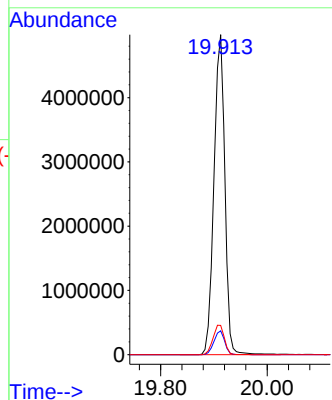
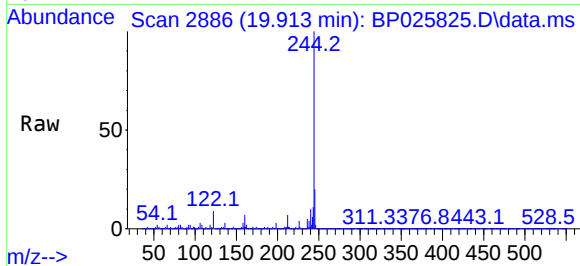


#79
 Terphenyl-d14
 Concen: 74.389 ng
 RT: 19.913 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP025825.D
 Acq: 23 Sep 2025 11:44

Instrument :
 BNA_P
 ClientSampleId :
 PB169765BL

Tgt Ion:244 Resp: 7070357

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.006 min Scan# 3752
 Delta R.T. 0.006 min
 Lab File: BP025825.D
 Acq: 23 Sep 2025 11:44

Tgt Ion:264 Resp: 1425780

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	22.0	17.3	25.9

