

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025833.D
 Acq On : 23 Sep 2025 17:18
 Operator : CG/JU
 Sample : Q3153-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-39

Quant Time: Sep 23 18:02:28 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)

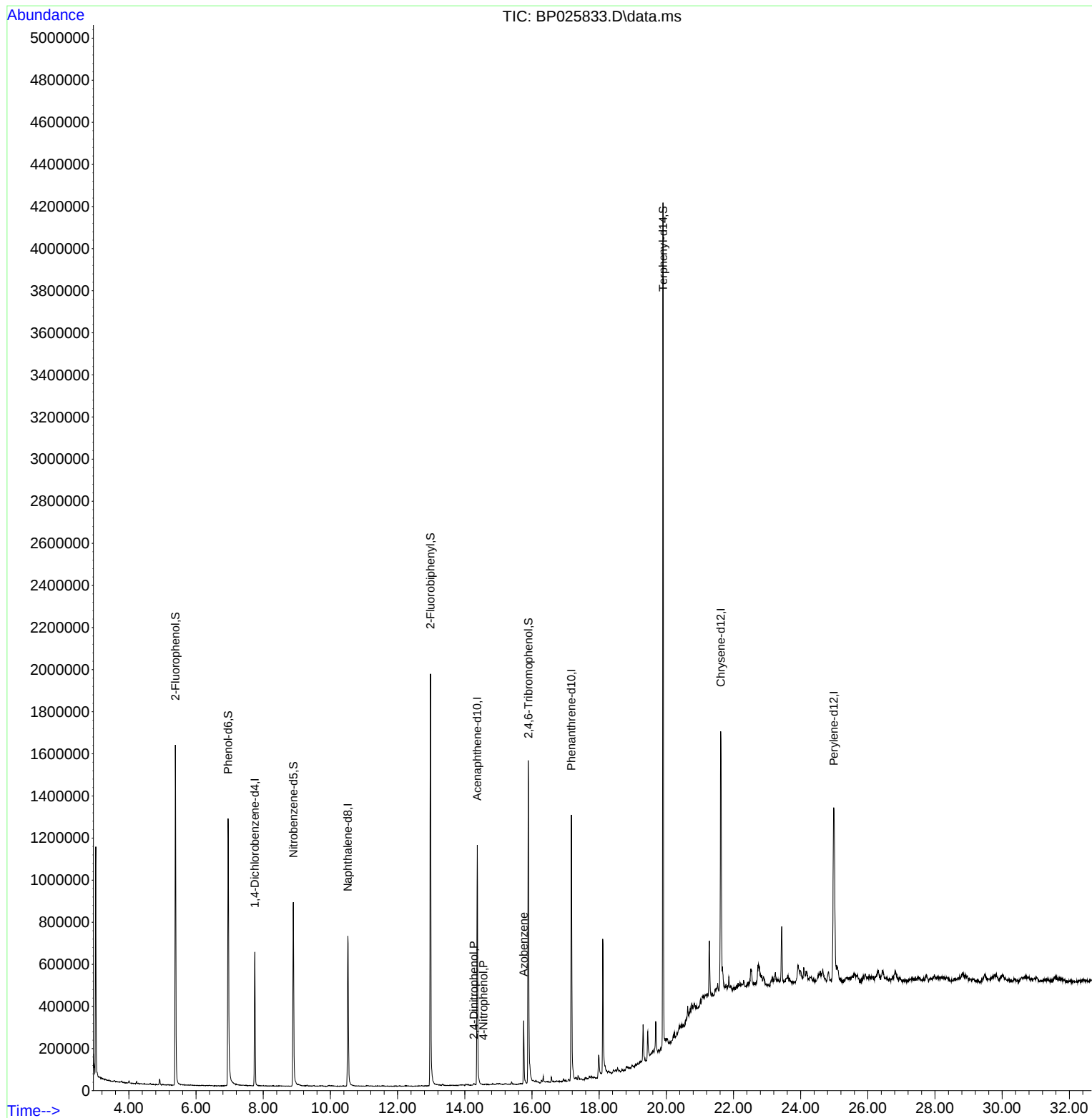
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	175239	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	676383	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	439052	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	875939	20.000	ng	-0.01
76) Chrysene-d12	21.618	240	964654	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1050227	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	723027	66.574	ng	0.00
7) Phenol-d6	6.955	99	907700	62.879	ng	0.00
23) Nitrobenzene-d5	8.896	82	583260	38.038	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	340441	62.166	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	1225701	37.172	ng	-0.01
79) Terphenyl-d14	19.901	244	2038304	38.012	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.272	184	8	4.826	ng	98
56) 4-Nitrophenol	14.554	139	90	4.495	ng	89
63) Azobenzene	15.754	77	94886	2.886	ng	# 1

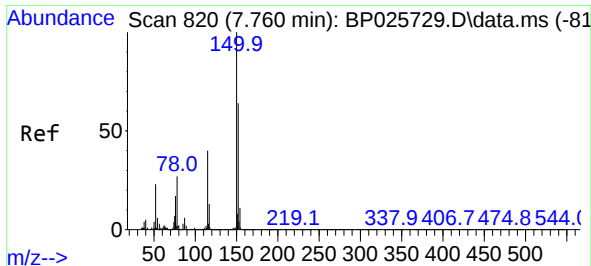
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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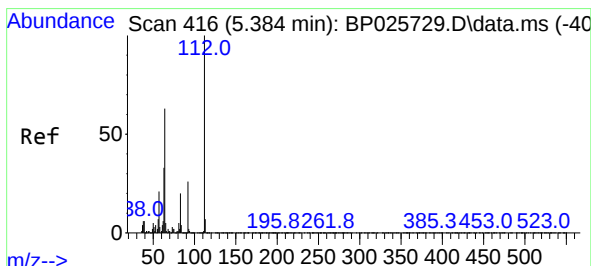
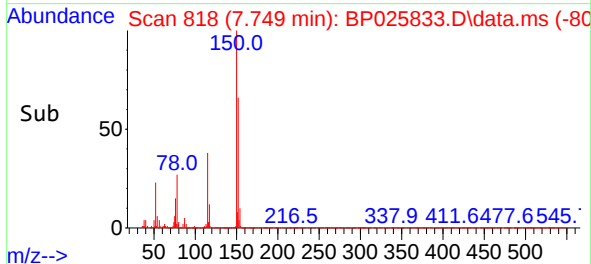
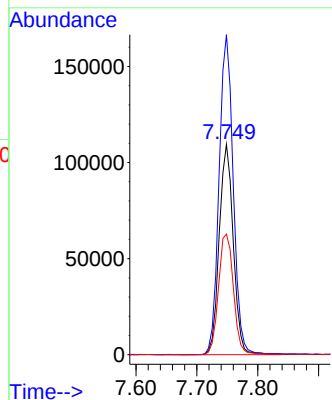
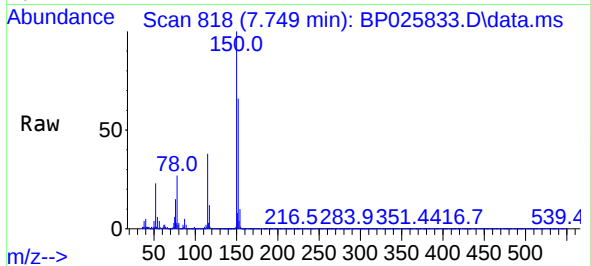




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

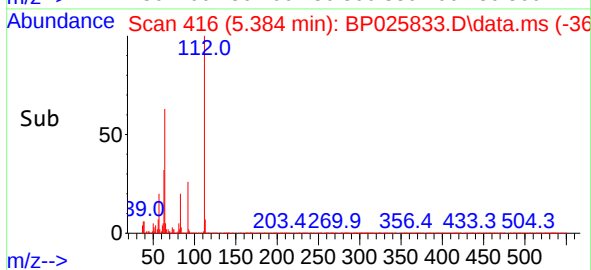
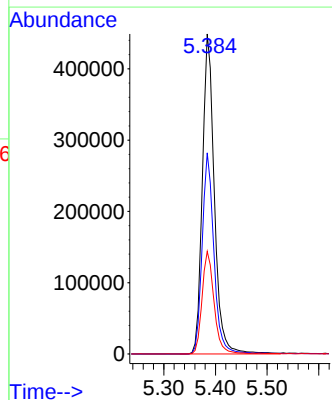
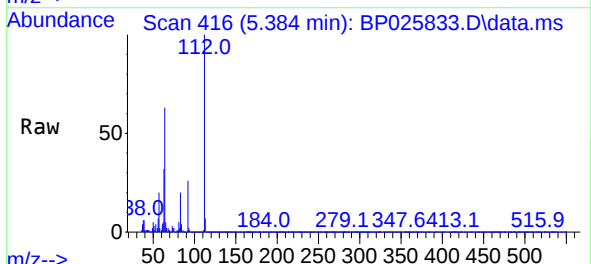
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-39

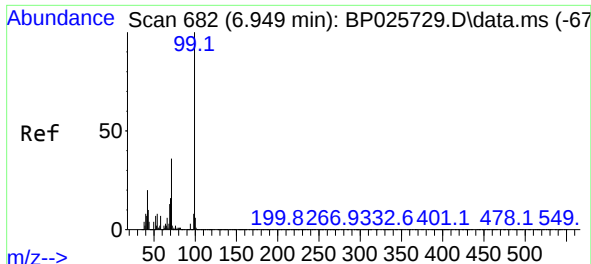
Tgt Ion:152 Resp: 175239
Ion Ratio Lower Upper
152 100
150 152.0 124.3 186.5
115 57.3 50.3 75.5



#5
2-Fluorophenol
Concen: 66.574 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

Tgt Ion:112 Resp: 723027
Ion Ratio Lower Upper
112 100
64 62.9 50.2 75.4
63 32.1 26.7 40.1

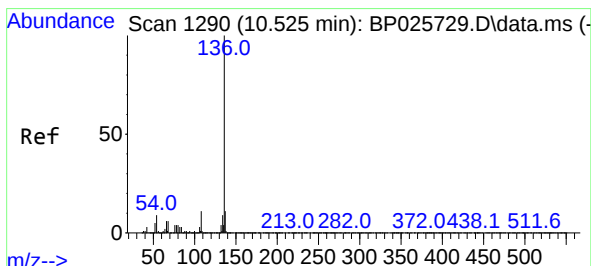
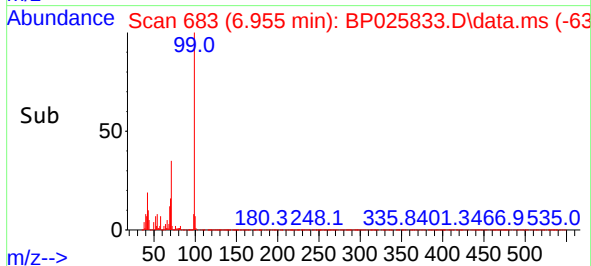
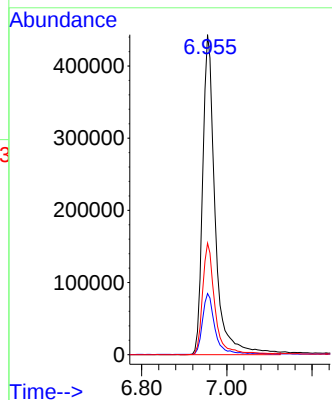
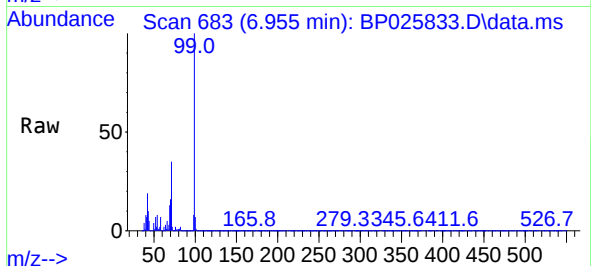




#7
Phenol-d6
Concen: 62.879 ng
RT: 6.955 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

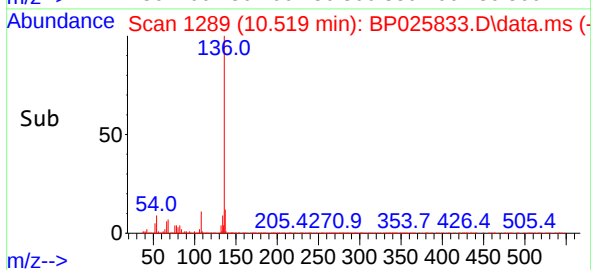
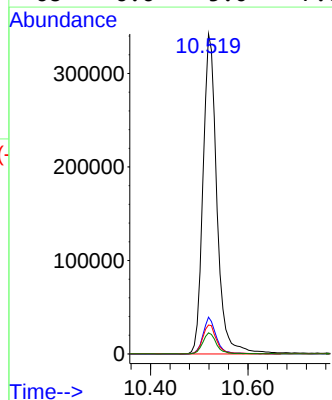
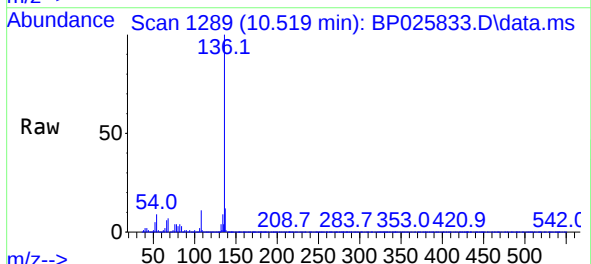
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-39

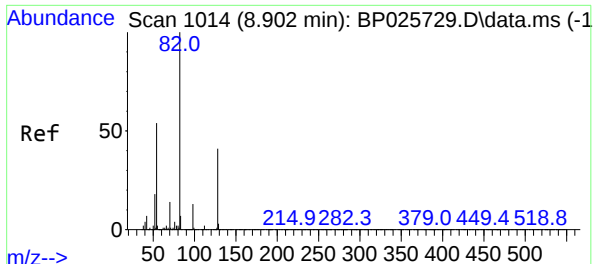
Tgt Ion: 99 Resp: 907700
Ion Ratio Lower Upper
99 100
42 19.1 15.6 23.4
71 34.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

Tgt Ion:136 Resp: 676383
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 9.0 7.5 11.3
68 6.6 5.0 7.6

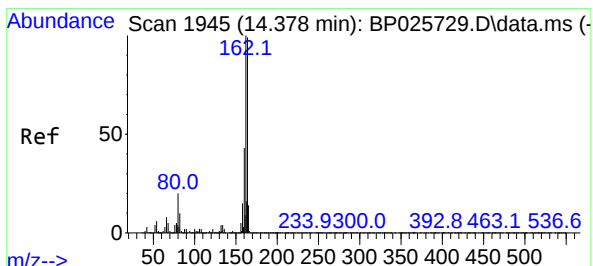
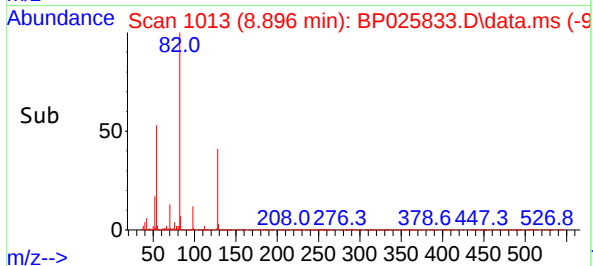
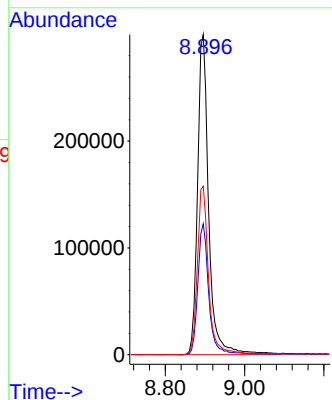
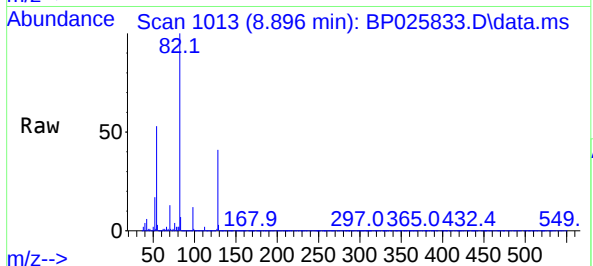




#23
Nitrobenzene-d5
Concen: 38.038 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

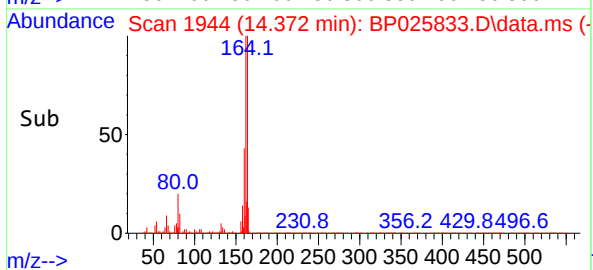
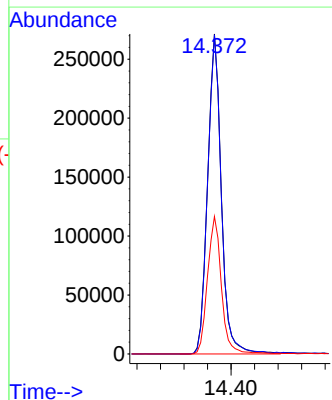
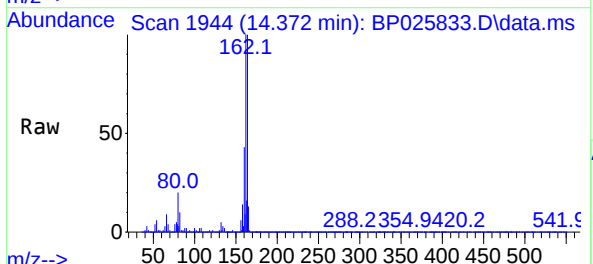
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-39

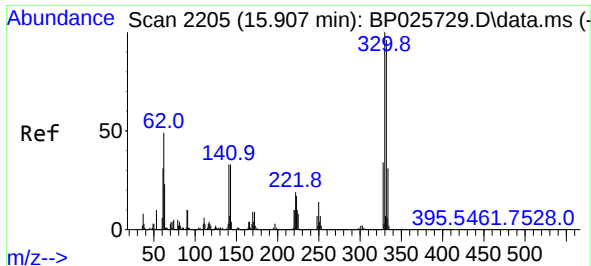
Tgt Ion: 82 Resp: 583260
Ion Ratio Lower Upper
82 100
128 40.9 32.9 49.3
54 52.7 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

Tgt Ion: 164 Resp: 439052
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 43.0 35.0 52.6

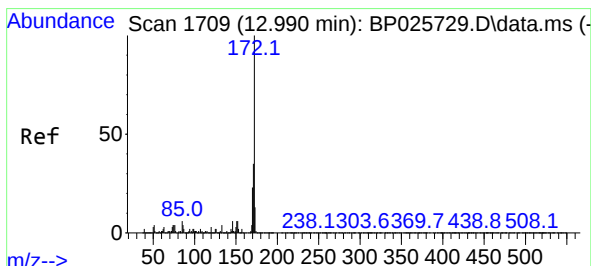
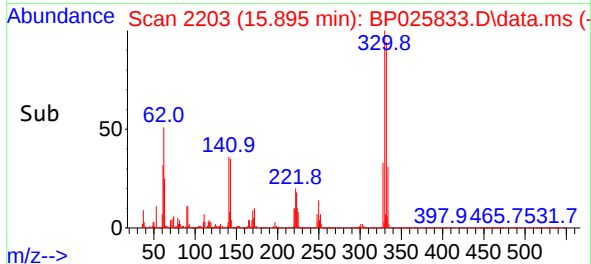
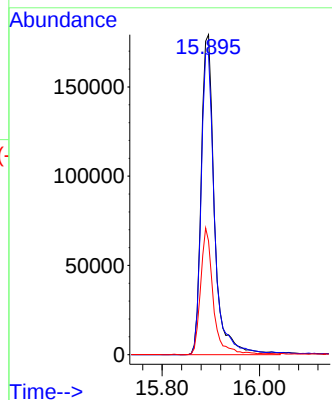
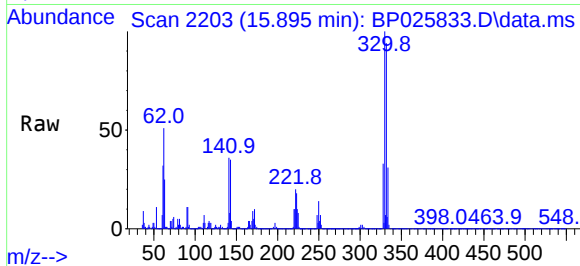




#42
2,4,6-Tribromophenol
Concen: 62.166 ng
RT: 15.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

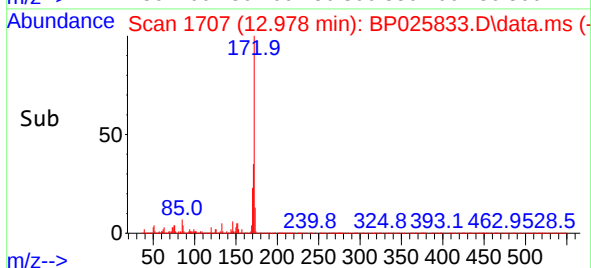
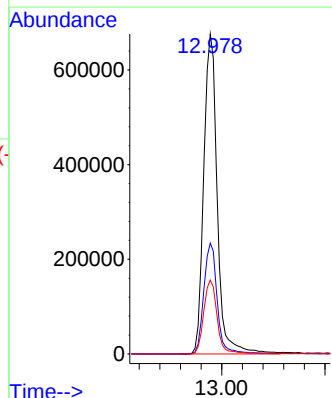
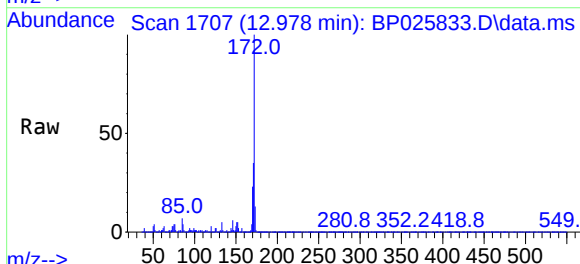
Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-39

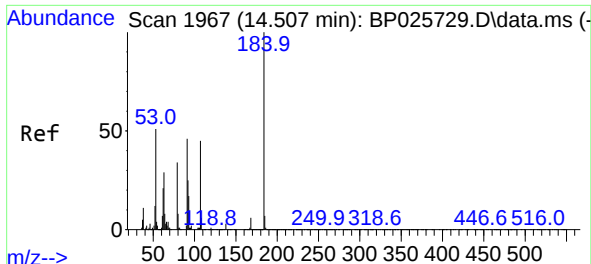
Tgt Ion:330 Resp: 340441
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 37.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 37.172 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

Tgt Ion:172 Resp: 1225701
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.1 18.6 27.8



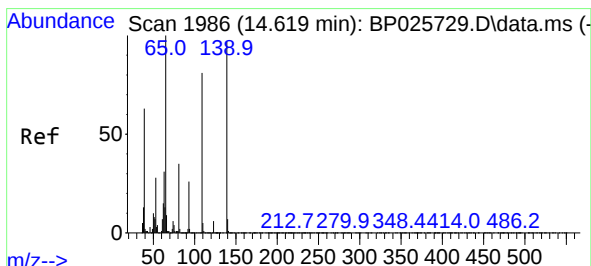
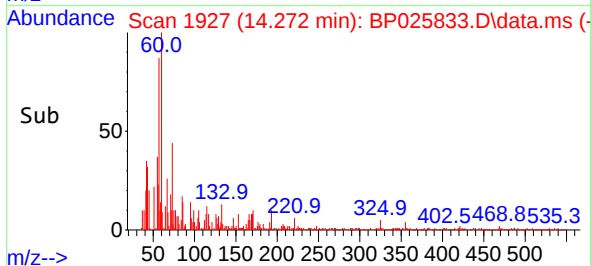
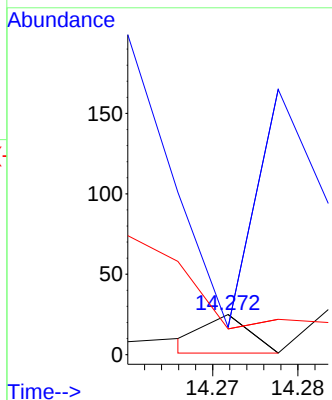
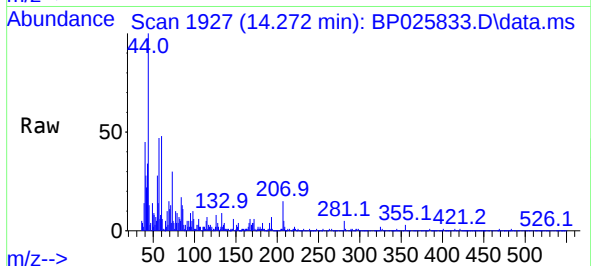


#54
2,4-Dinitrophenol
Concen: 4.826 ng
RT: 14.272 min Scan# 1967
Delta R.T. -0.235 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-39

Tgt Ion:184 Resp: 8

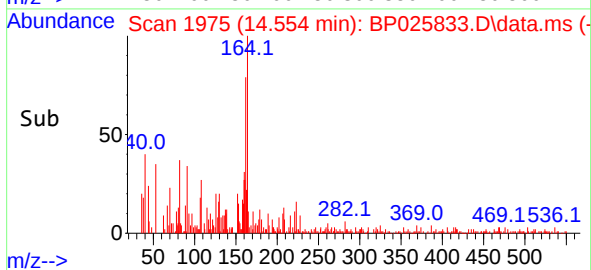
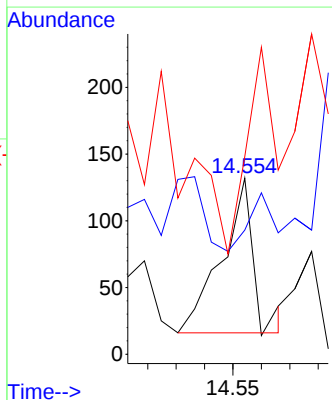
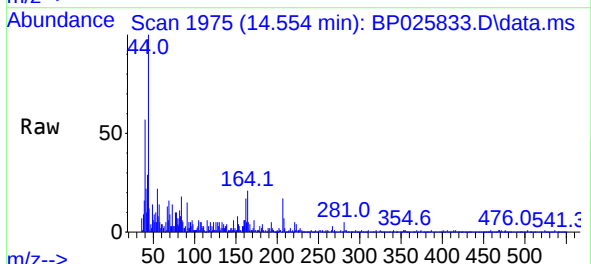
Ion	Ratio	Lower	Upper
184	100		
63	68.0	52.5	78.7
154	64.0	51.5	77.3

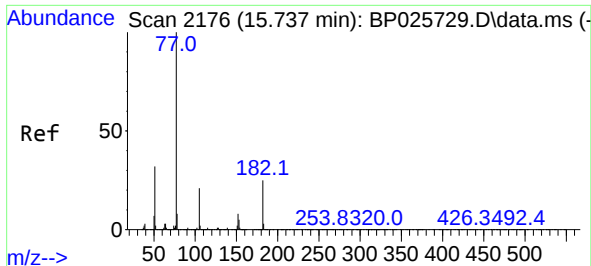


#56
4-Nitrophenol
Concen: 4.495 ng
RT: 14.554 min Scan# 1975
Delta R.T. -0.065 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

Tgt Ion:139 Resp: 90

Ion	Ratio	Lower	Upper
139	100		
109	70.5	62.9	102.9
65	112.1	83.4	123.4

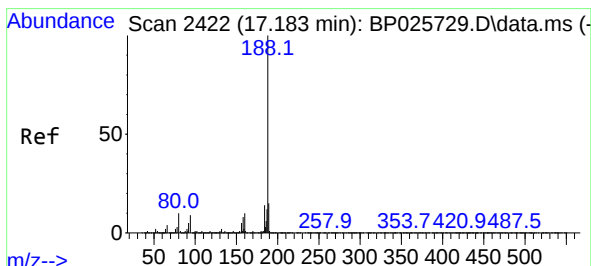
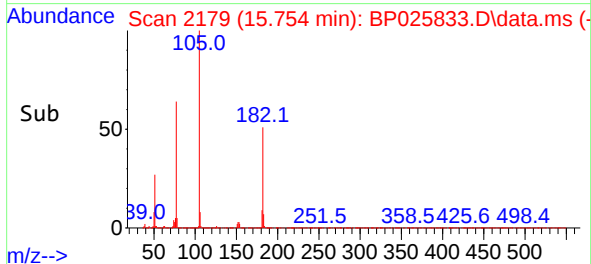
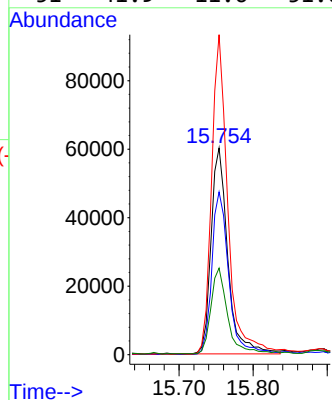
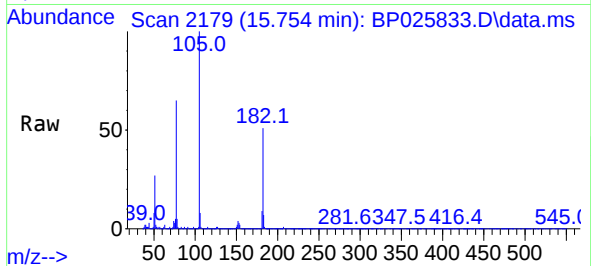




#63
Azobenzene
Concen: 2.886 ng
RT: 15.754 min Scan# 2176
Delta R.T. 0.018 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

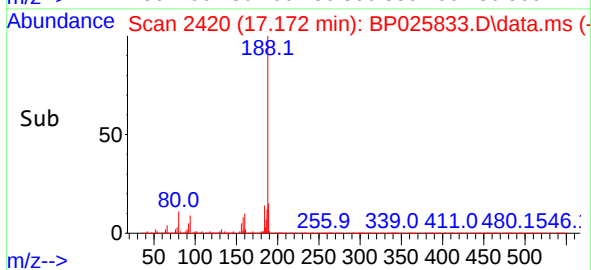
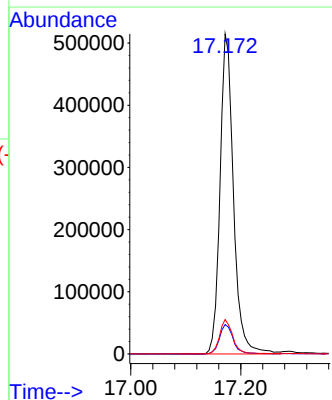
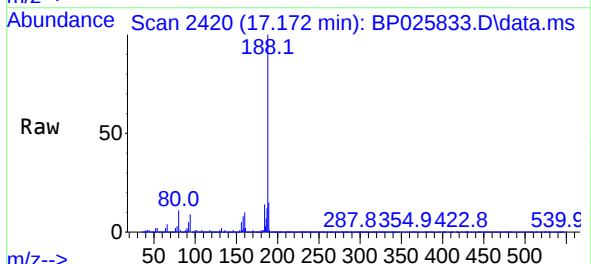
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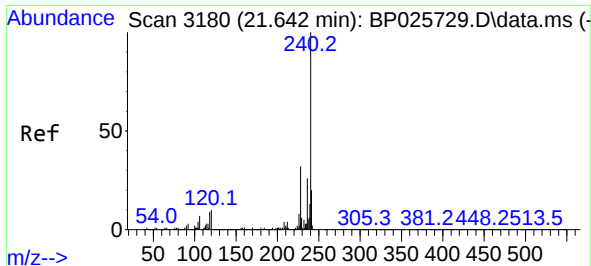
Tgt Ion: 77	Resp: 94886
Ion Ratio	Lower Upper
77 100	
182 78.7	5.2 45.2#
105 154.8	1.1 41.1#
51 41.9	11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

Tgt Ion: 188	Resp: 875939
Ion Ratio	Lower Upper
188 100	
94 9.2	7.4 11.0
80 10.7	7.7 11.5

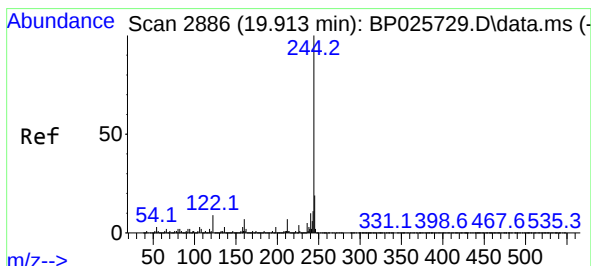
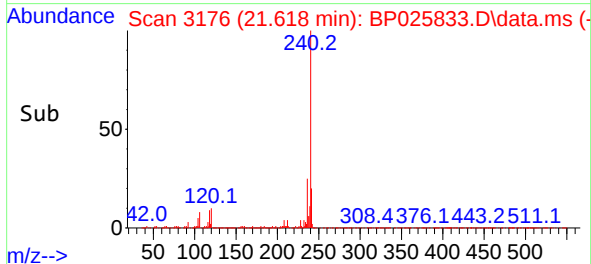
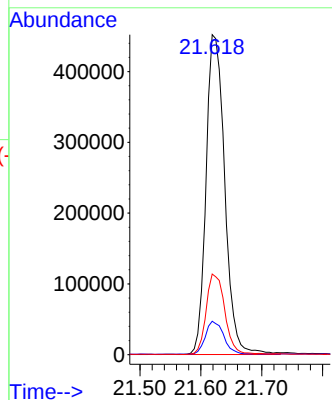
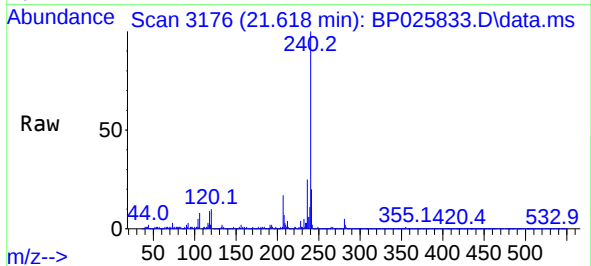




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.618 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

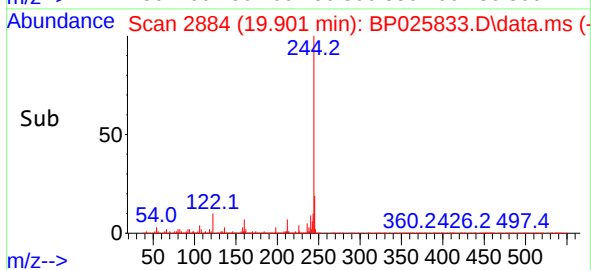
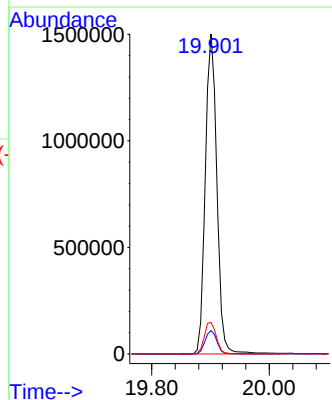
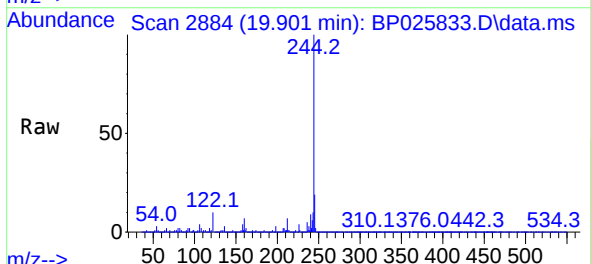
Instrument :
BNA_P
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OR-500-COMP-39

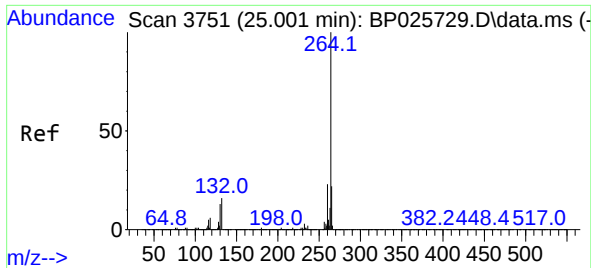
Tgt Ion:240 Resp: 964654
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 25.2 20.7 31.1



#79
Terphenyl-d14
Concen: 38.012 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025833.D
Acq: 23 Sep 2025 17:18

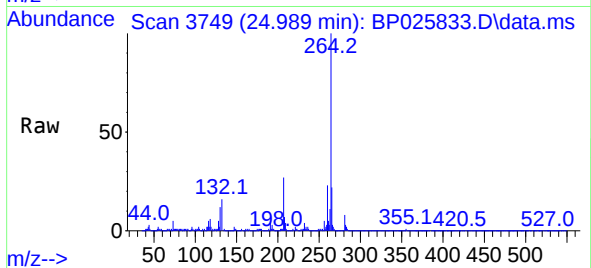
Tgt Ion:244 Resp: 2038304
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.9 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.989 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP025833.D
 Acq: 23 Sep 2025 17:18

Instrument :
 BNA_P
 ClientSampleId :
 OR-500-COMP-39



Tgt Ion:264 Resp: 1050227
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 22.0 17.3 25.9

