

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025797.D
 Acq On : 19 Sep 2025 13:43
 Operator : CG/JU
 Sample : Q3083-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 14:04:07 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)

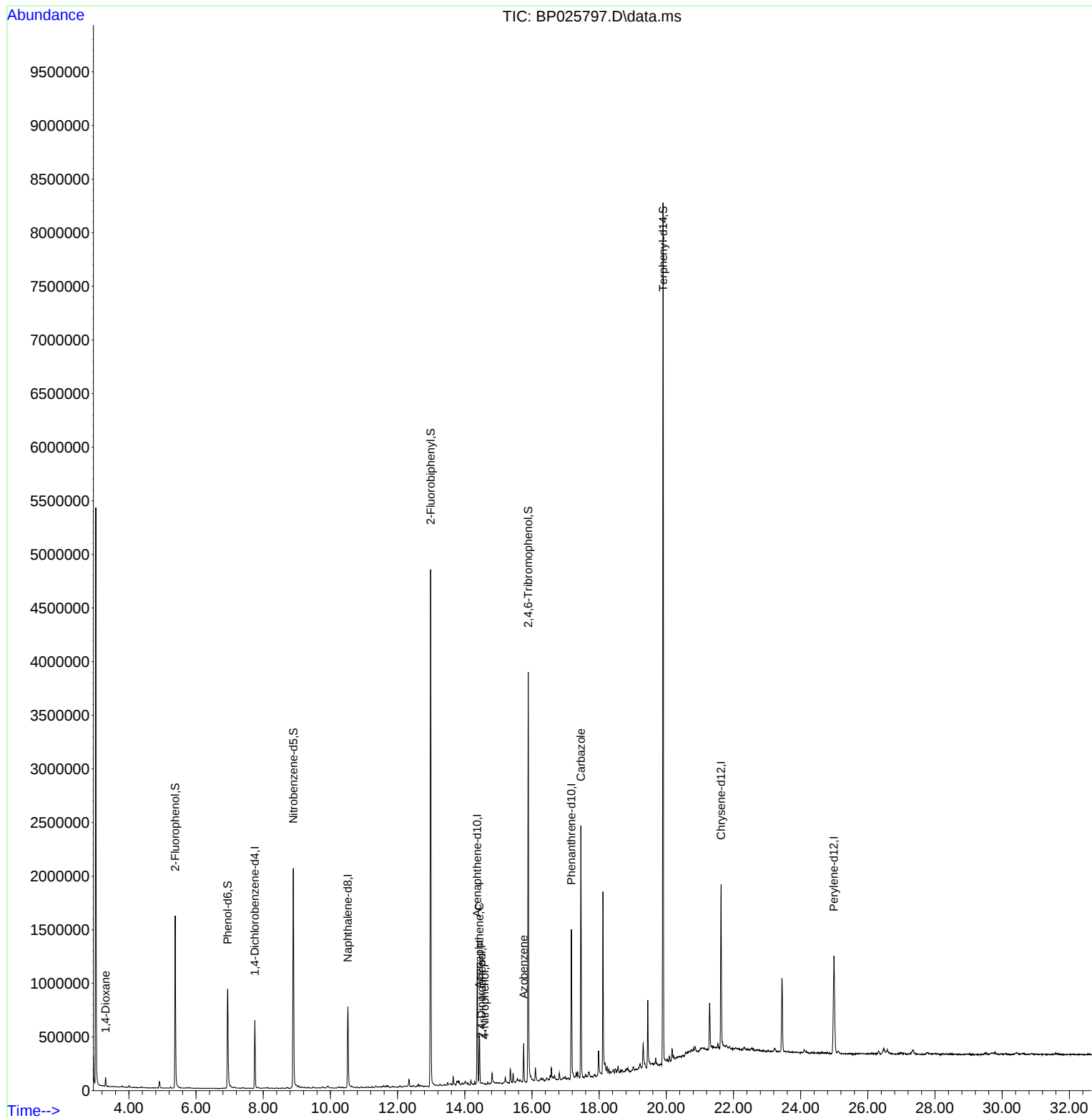
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	169135	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	657250	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	437837	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	872207	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	884935	20.000	ng	-0.01
86) Perylene-d12	24.989	264	933835	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	720817	68.766	ng	0.00
7) Phenol-d6	6.943	99	629553	45.185	ng	0.00
23) Nitrobenzene-d5	8.896	82	1247975	83.757	ng	0.00
42) 2,4,6-Tribromophenol	15.890	330	686510	125.708	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2680828	81.527	ng	0.00
79) Terphenyl-d14	19.901	244	3985084	81.013	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.308	88	37284	8.475	ng	# 82
52) Acenaphthene	14.437	154	167497	6.927	ng	99
54) 2,4-Dinitrophenol	14.501	184	72	4.839	ng	# 1
56) 4-Nitrophenol	14.590	139	152	4.505	ng	# 11
63) Azobenzene	15.754	77	100497	3.065	ng	# 1
73) Carbazole	17.454	167	1188156	25.458	ng	# 79

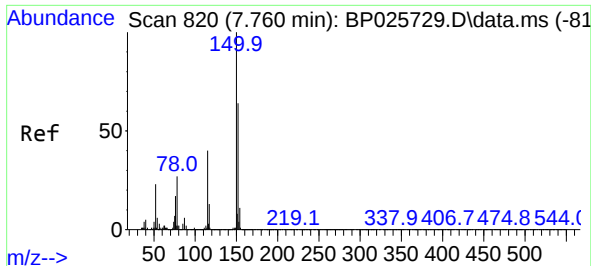
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

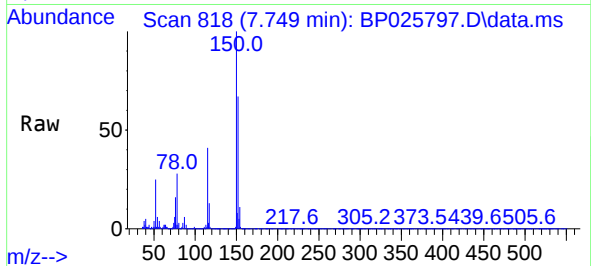
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



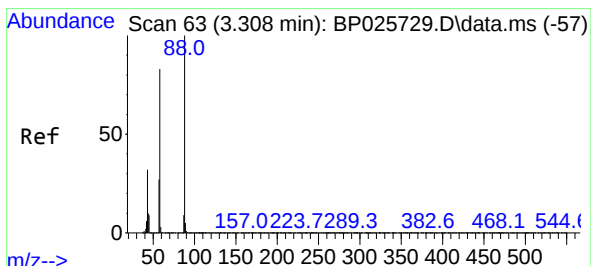
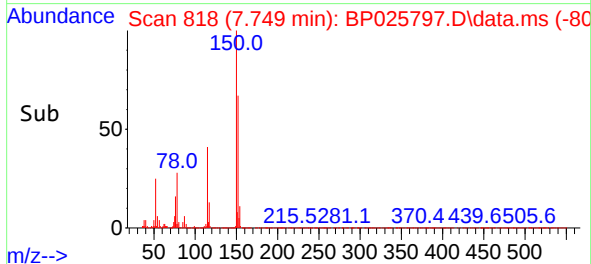
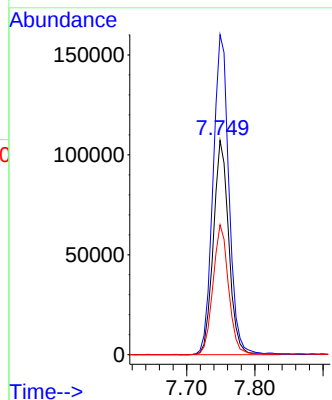


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :

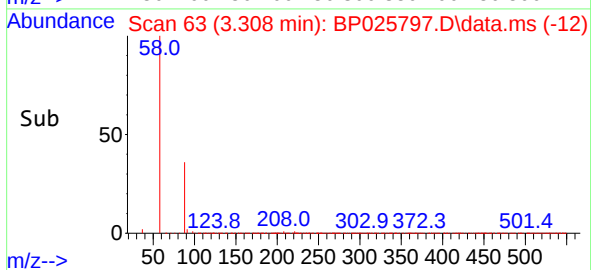
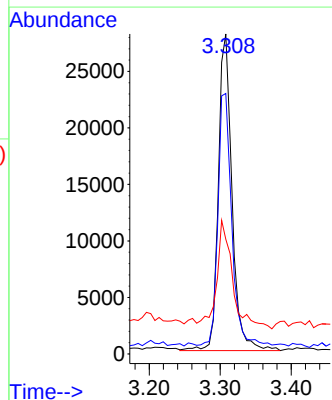
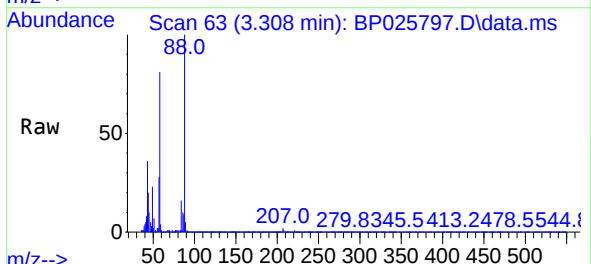


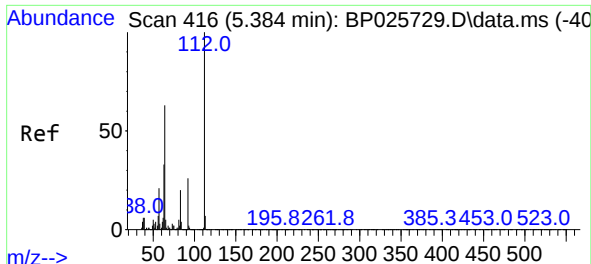
Tgt Ion:152 Resp: 169135
Ion Ratio Lower Upper
152 100
150 149.3 124.3 186.5
115 60.7 50.3 75.5



#2
1,4-Dioxane
Concen: 8.475 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 88 Resp: 37284
Ion Ratio Lower Upper
88 100
58 79.6 65.5 98.3
43 0.0 25.2 37.8

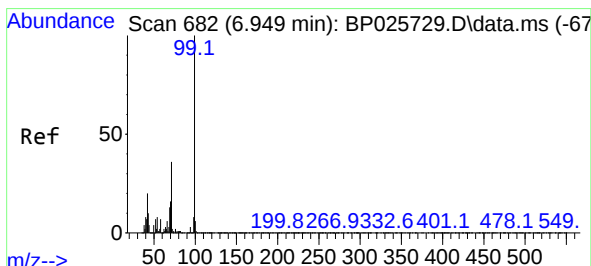
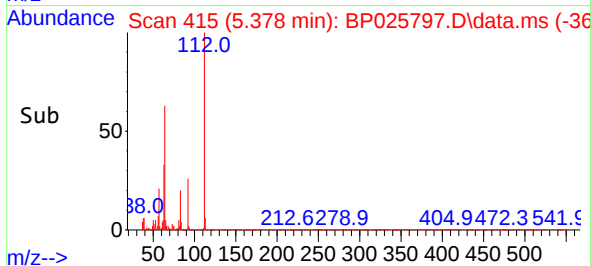
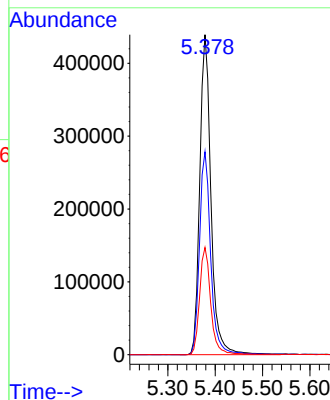
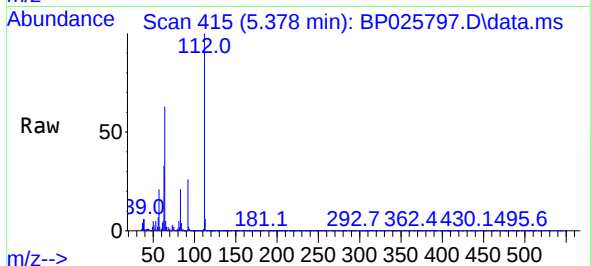




#5
2-Fluorophenol
Concen: 68.766 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

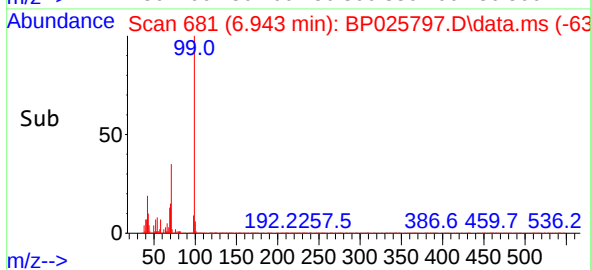
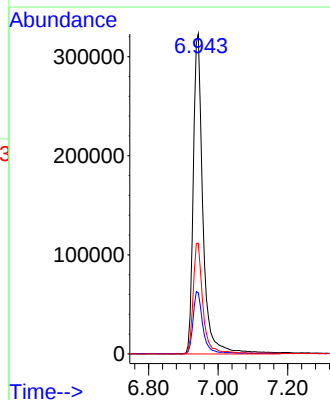
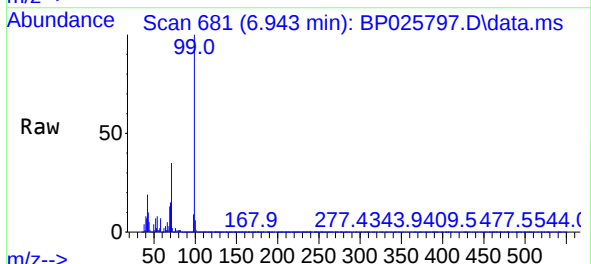
Instrument :
BNA_P
ClientSampleId :

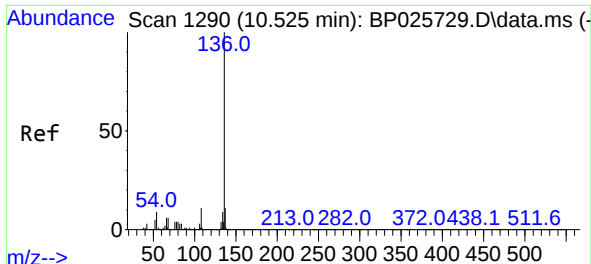
Tgt Ion:112 Resp: 720817
Ion Ratio Lower Upper
112 100
64 63.4 50.2 75.4
63 33.5 26.7 40.1



#7
Phenol-d6
Concen: 45.185 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 99 Resp: 629553
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 34.6 28.6 43.0

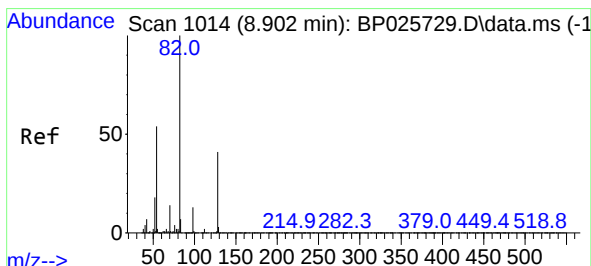
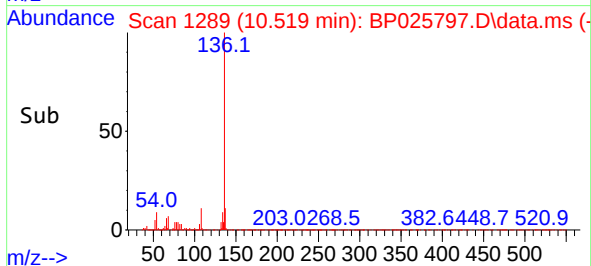
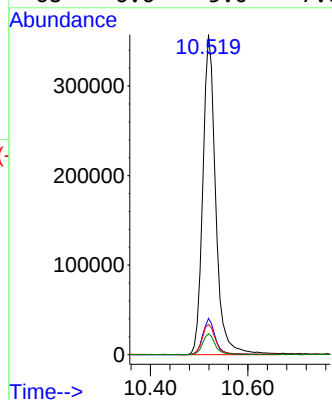
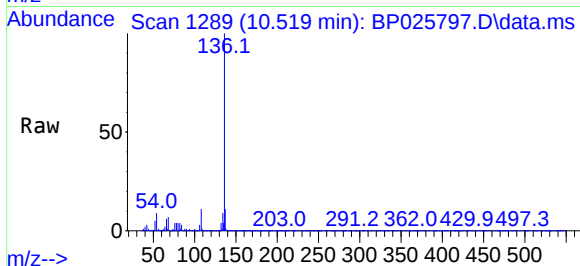




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

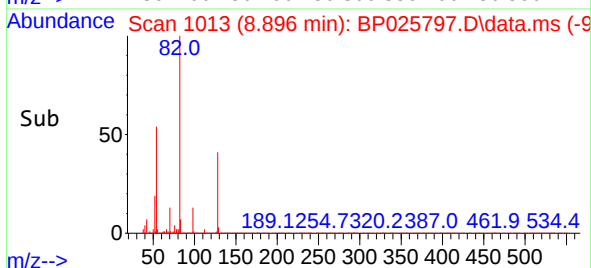
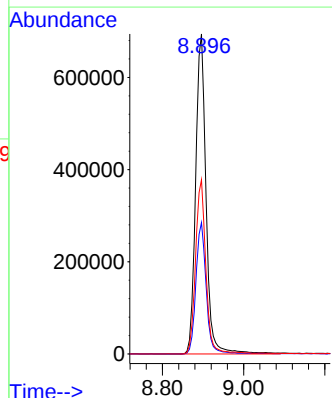
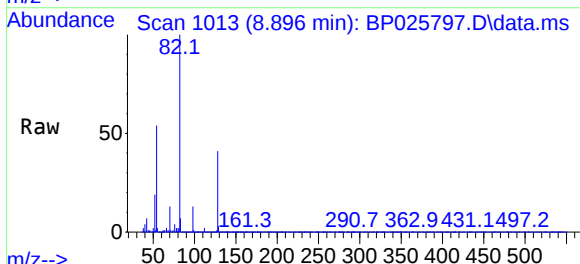
Instrument :
BNA_P
ClientSampleId :

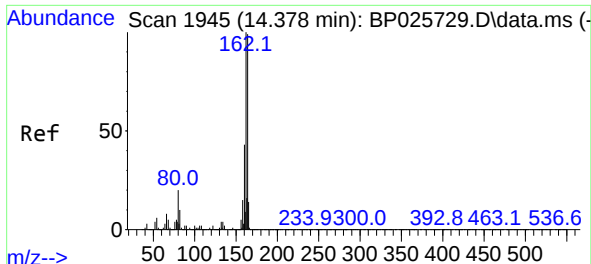
Tgt Ion:136 Resp: 657250
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.5 7.5 11.3
68 6.6 5.0 7.6



#23
Nitrobenzene-d5
Concen: 83.757 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 82 Resp: 1247975
Ion Ratio Lower Upper
82 100
128 41.1 32.9 49.3
54 54.5 43.4 65.2

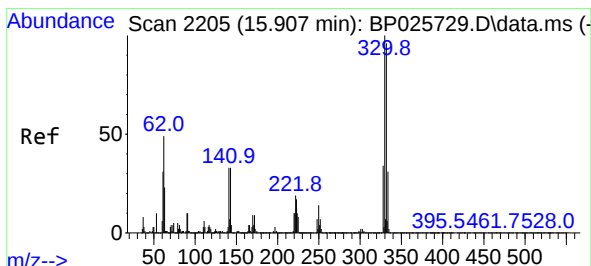
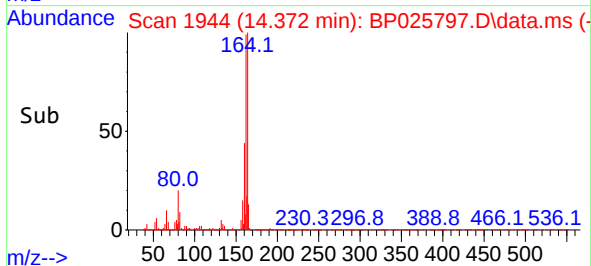
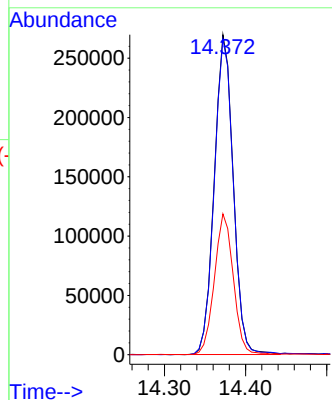
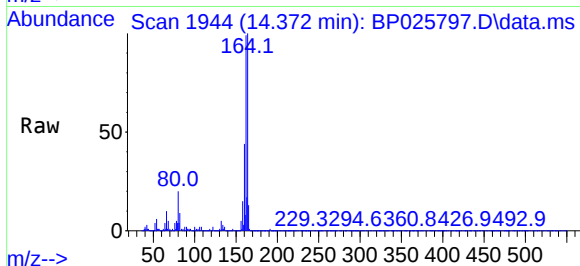




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

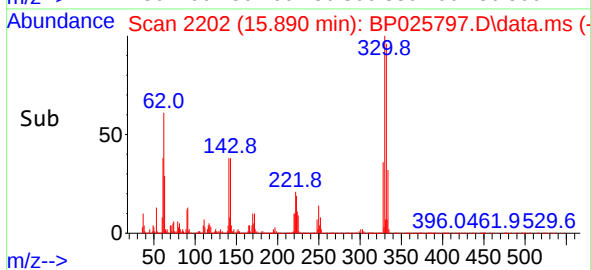
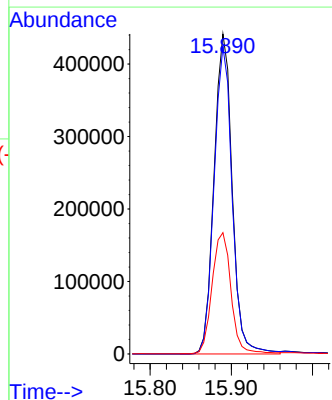
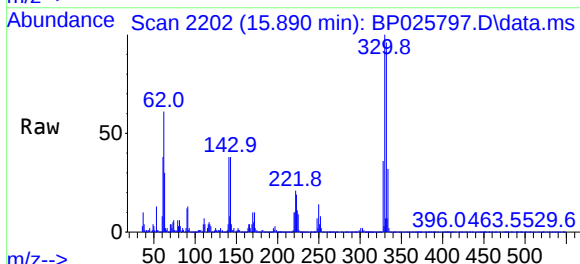
Instrument :
BNA_P
ClientSampleId :

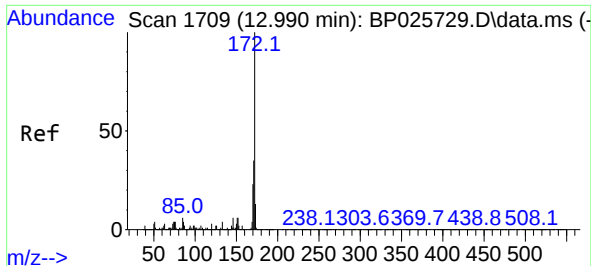
Tgt Ion:164 Resp: 437837
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 44.0 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 125.708 ng
RT: 15.890 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:330 Resp: 686510
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 39.4 31.0 46.4

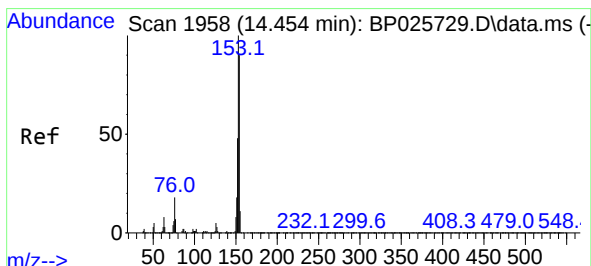
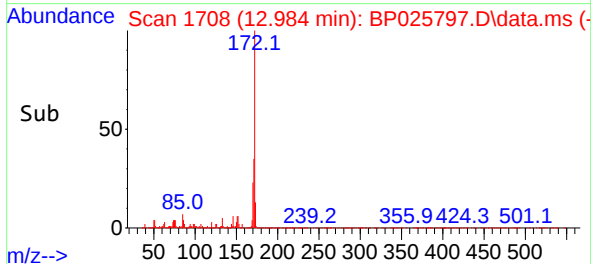
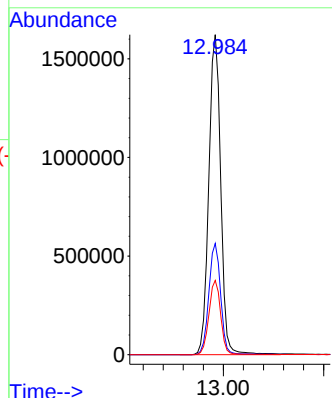
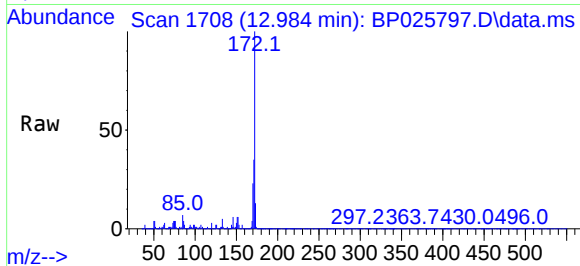




#45
2-Fluorobiphenyl
Concen: 81.527 ng
RT: 12.984 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

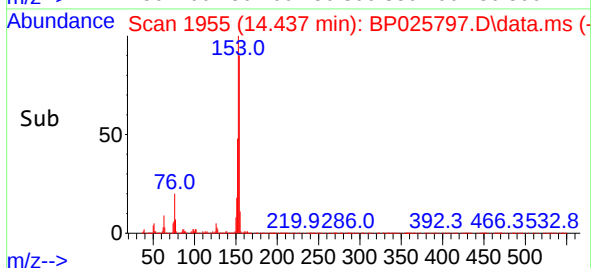
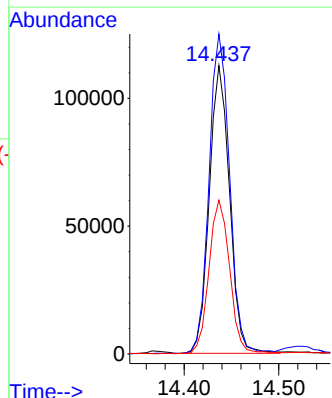
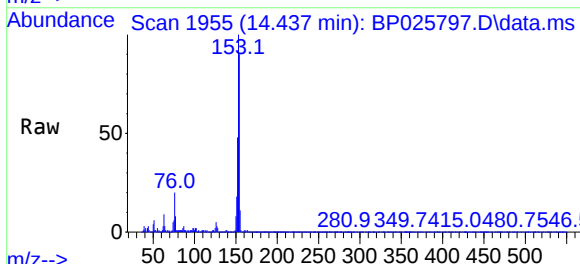
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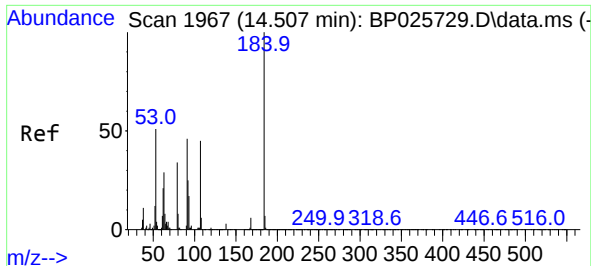
Tgt Ion:172 Resp: 2680828
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.2 18.6 27.8



#52
Acenaphthene
Concen: 6.927 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

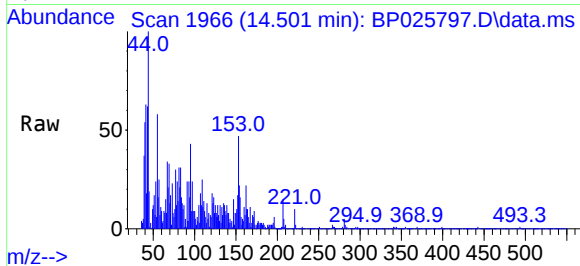
Tgt Ion:154 Resp: 167497
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 53.3 42.5 63.7



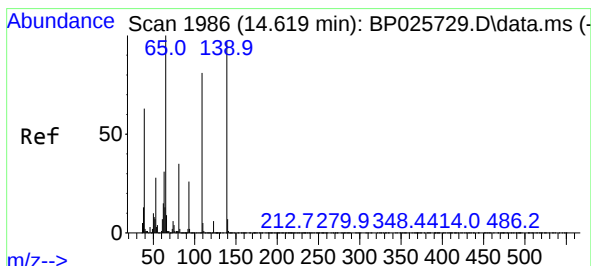
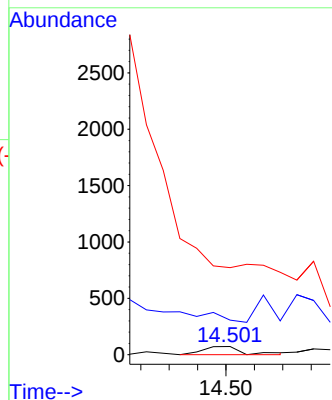
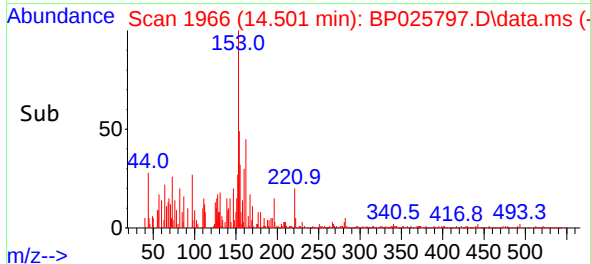


#54
2,4-Dinitrophenol
Concen: 4.839 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :

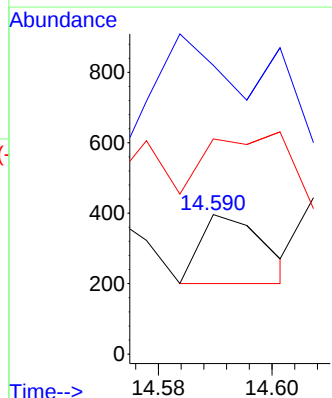
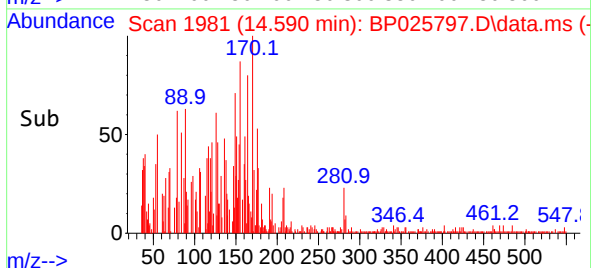
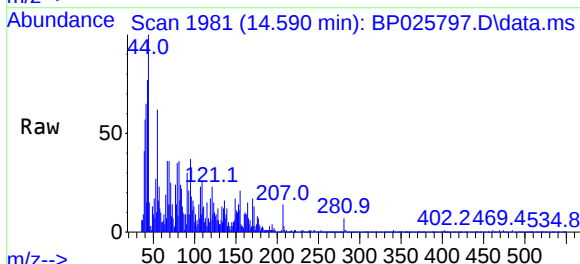


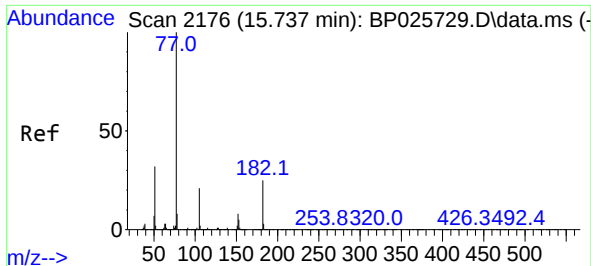
Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 365.5 52.5 78.7#
154 920.2 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.505 ng
RT: 14.590 min Scan# 1981
Delta R.T. -0.029 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

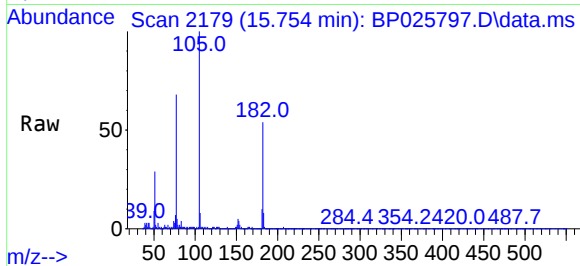
Tgt Ion:139 Resp: 152
Ion Ratio Lower Upper
139 100
109 207.1 62.9 102.9#
65 154.3 83.4 123.4#



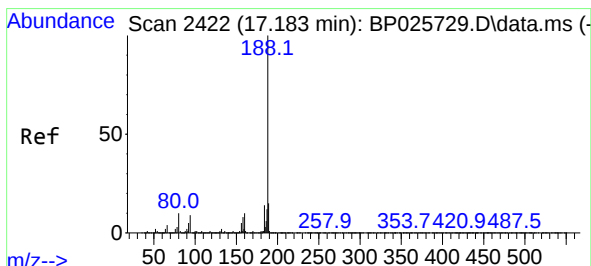
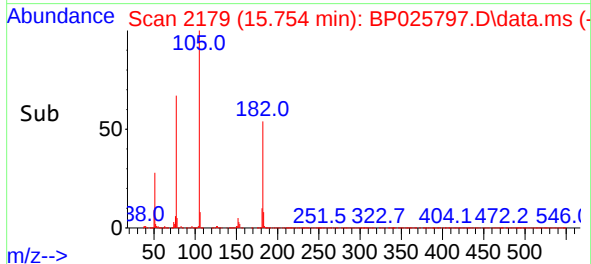
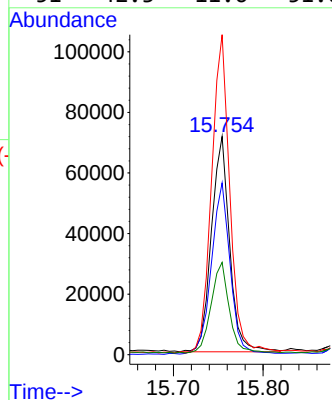


#63
Azobenzene
Concen: 3.065 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :

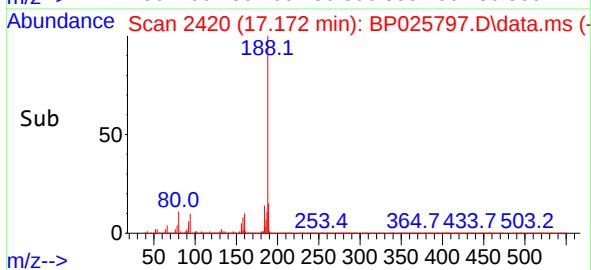
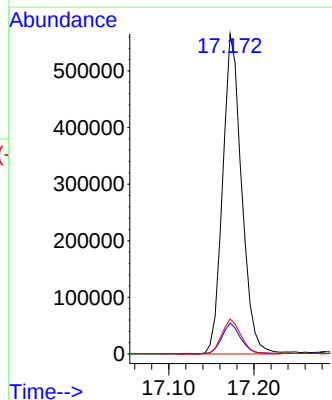
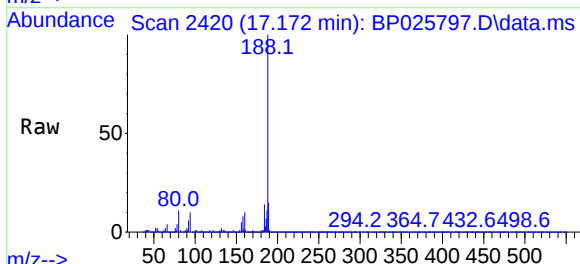


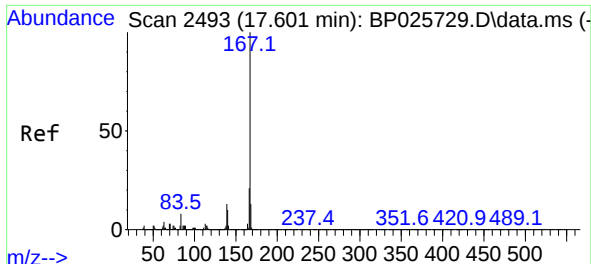
Tgt Ion: 77 Resp: 100497
Ion Ratio Lower Upper
77 100
182 78.8 5.2 45.2#
105 146.6 1.1 41.1#
51 42.3 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

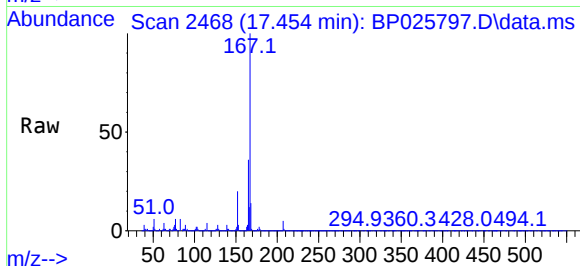
Tgt Ion:188 Resp: 872207
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 11.0 7.7 11.5



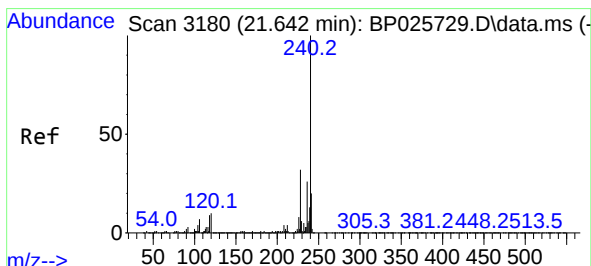
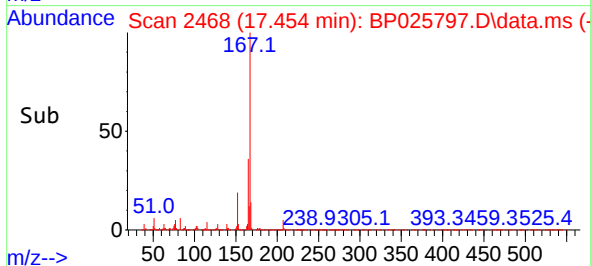
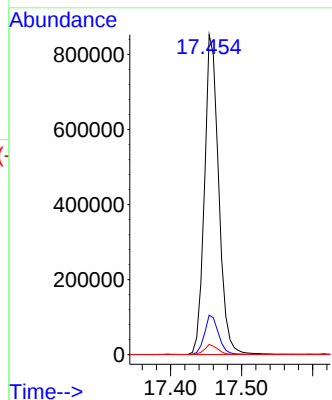


#73
Carbazole
Concen: 25.458 ng
RT: 17.454 min Scan# 2493
Delta R.T. -0.147 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :

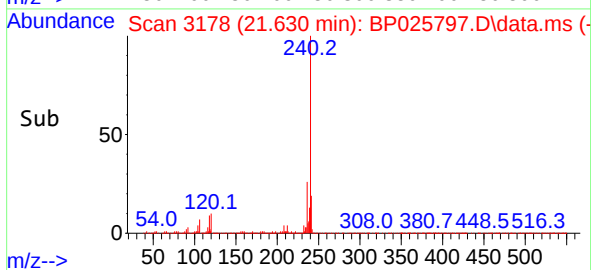
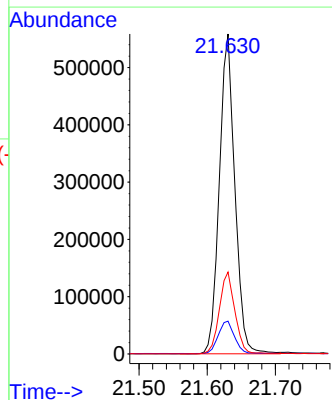
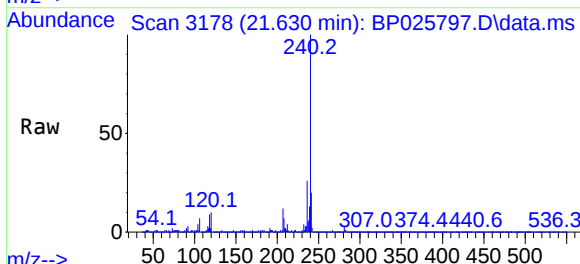


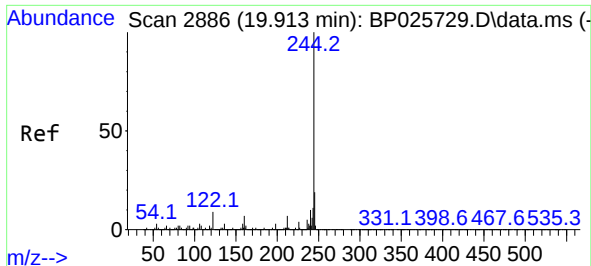
Tgt Ion:167 Resp: 1188156
Ion Ratio Lower Upper
167 100
166 12.3 17.0 25.4#
139 3.2 10.6 16.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:240 Resp: 884935
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.6 20.7 31.1

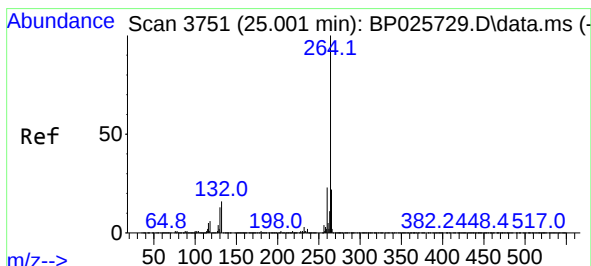
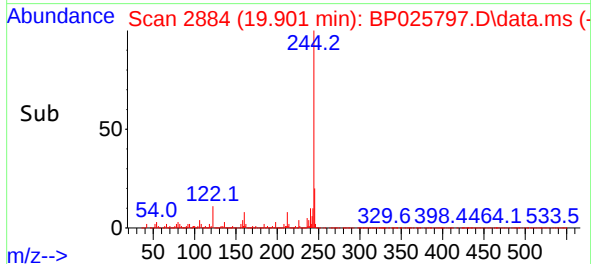
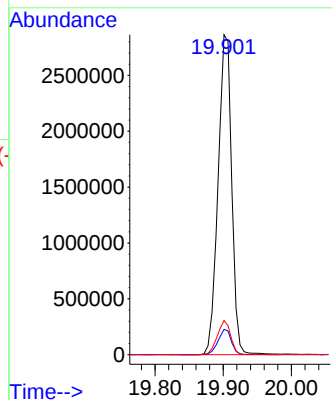
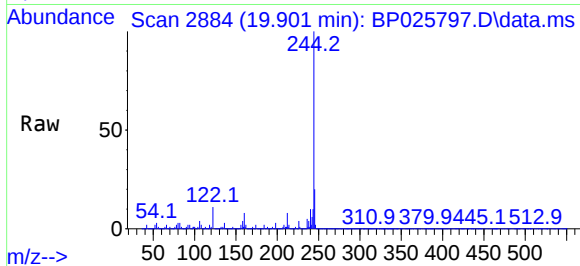




#79
Terphenyl-d14
Concen: 81.013 ng
RT: 19.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 3985084
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 10.7 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.012 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:264 Resp: 933835
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 21.1 17.3 25.9

