

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025795.D
 Acq On : 19 Sep 2025 12:20
 Operator : CG/JU
 Sample : Q3103-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 12:41:23 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)

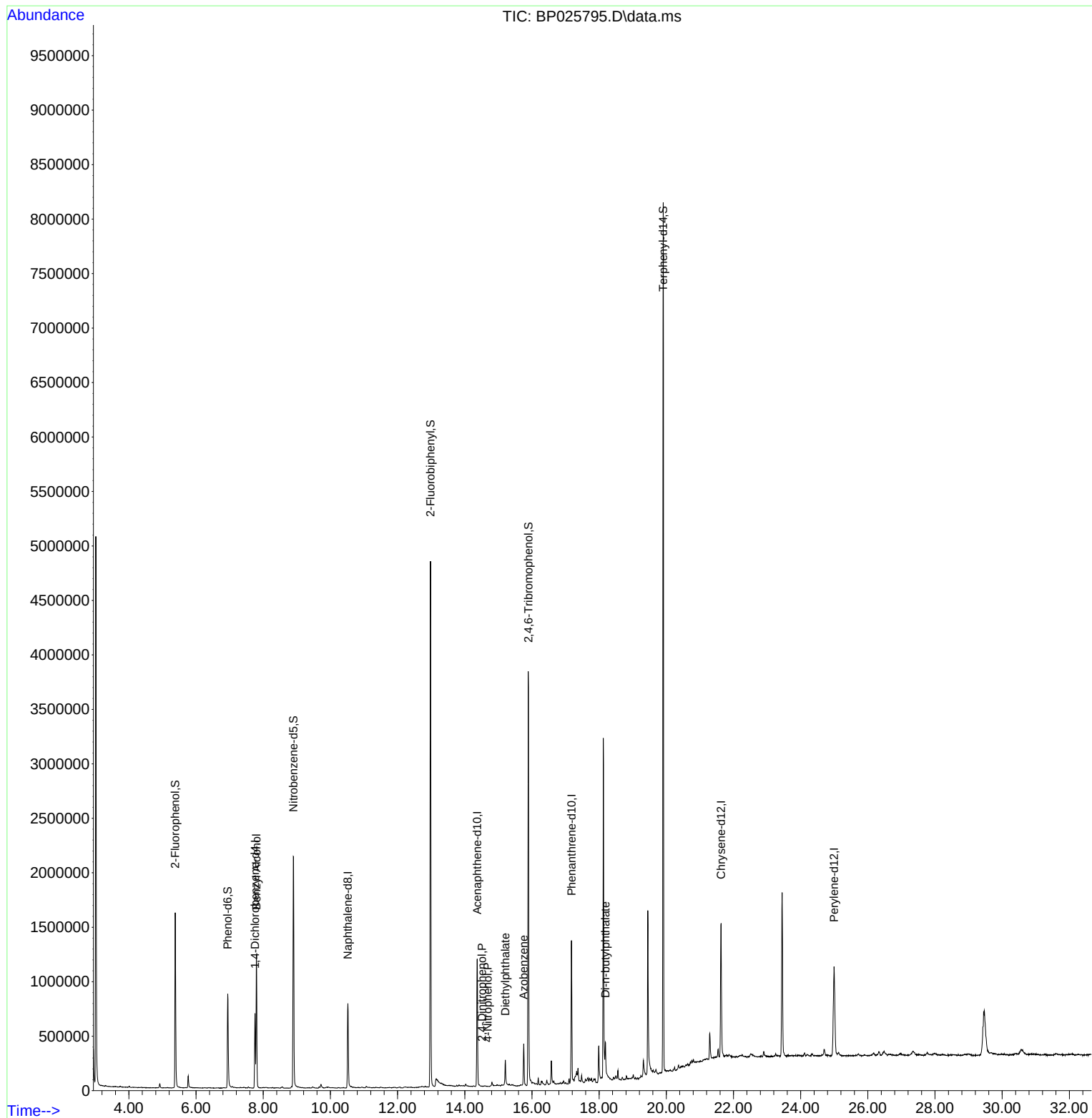
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	180370	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	678683	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	432318	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	846153	20.000	ng	0.00
76) Chrysene-d12	21.630	240	903941	20.000	ng	-0.01
86) Perylene-d12	24.995	264	981310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	742676	66.438	ng	0.00
7) Phenol-d6	6.943	99	555353	37.377	ng	0.00
23) Nitrobenzene-d5	8.896	82	1312759	85.323	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	709840	131.639	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	2690467	82.864	ng	-0.01
79) Terphenyl-d14	19.907	244	3921460	78.043	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.796	79	173171	14.104	ng	# 37
54) 2,4-Dinitrophenol	14.513	184	31	4.831	ng	# 1
56) 4-Nitrophenol	14.684	139	128	4.501	ng	90
60) Diethylphthalate	15.207	149	170037	5.079	ng	99
63) Azobenzene	15.754	77	102436	3.164	ng	# 1
74) Di-n-butylphthalate	18.189	149	206389	3.714	ng	99

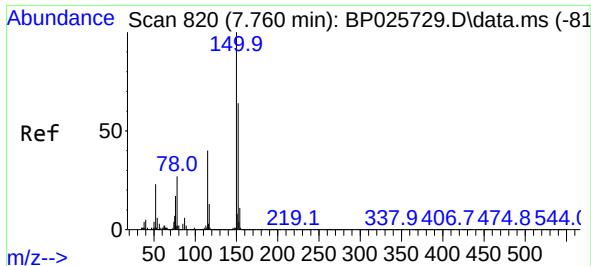
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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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
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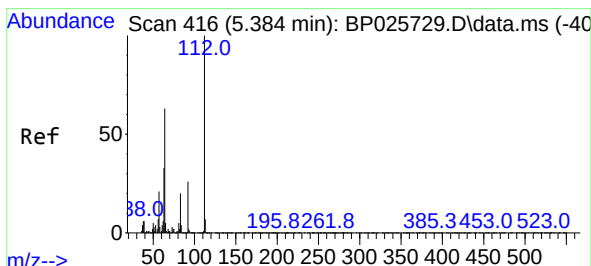
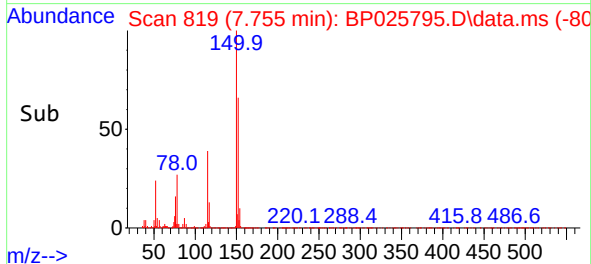
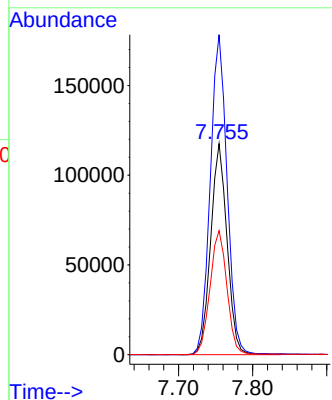
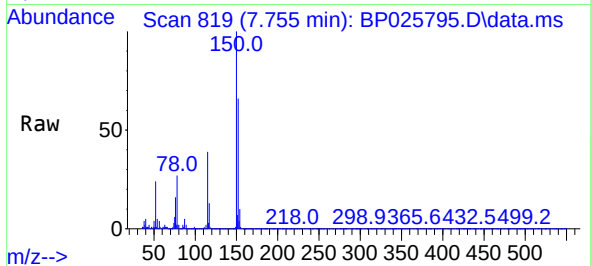




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

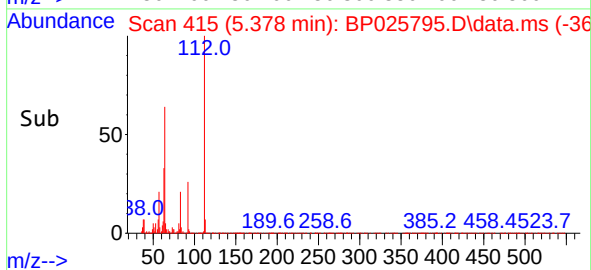
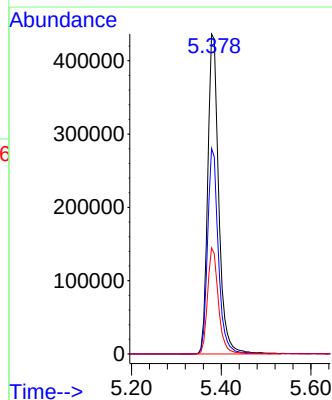
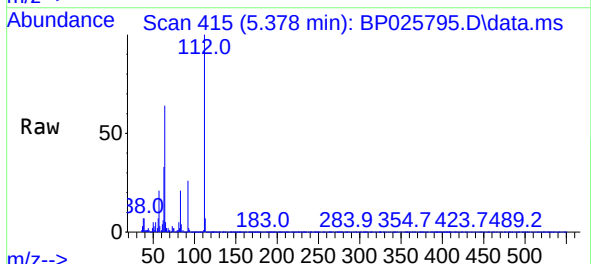
Instrument :
BNA_P
ClientSampleId :

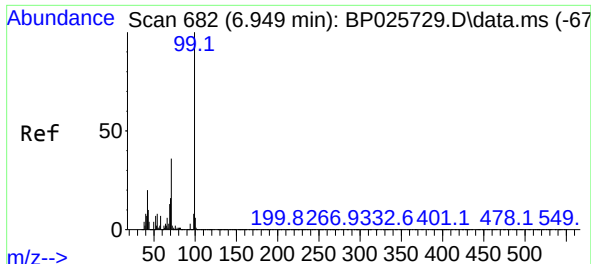
Tgt Ion:152 Resp: 180370
Ion Ratio Lower Upper
152 100
150 151.6 124.3 186.5
115 58.8 50.3 75.5



#5
2-Fluorophenol
Concen: 66.438 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Tgt Ion:112 Resp: 742676
Ion Ratio Lower Upper
112 100
64 64.3 50.2 75.4
63 33.2 26.7 40.1

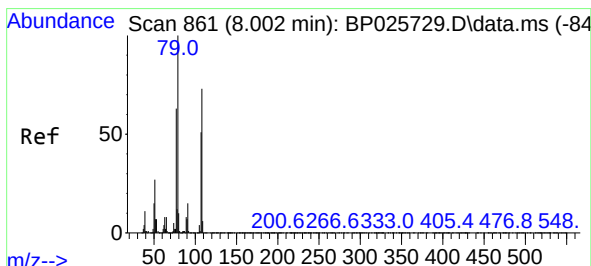
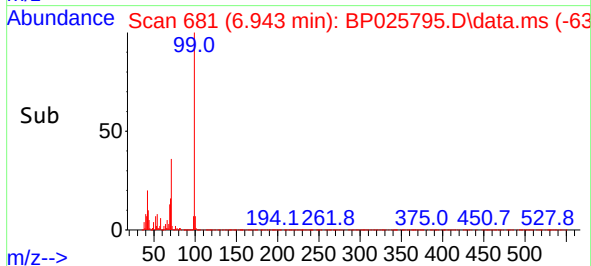
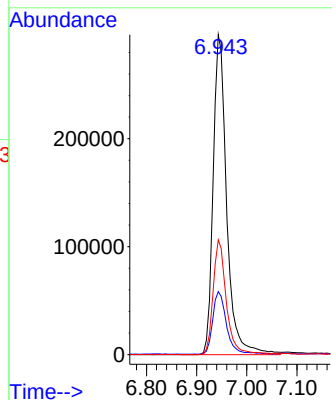
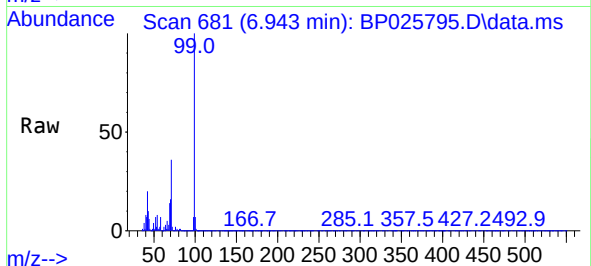




#7
Phenol-d6
Concen: 37.377 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

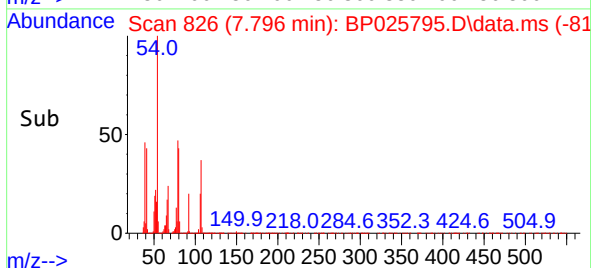
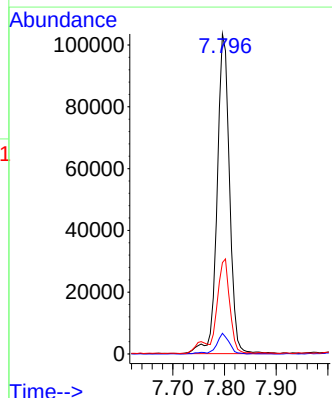
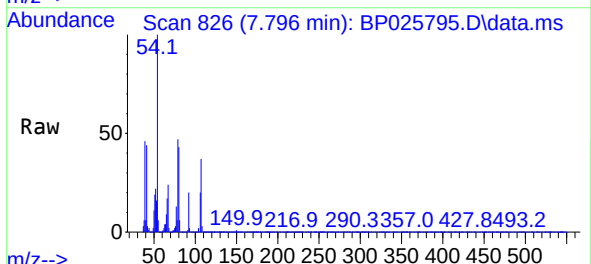
Instrument :
BNA_P
ClientSampleId :

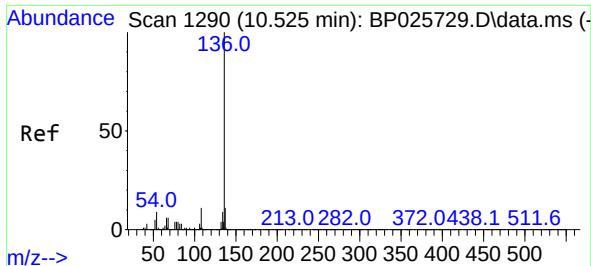
Tgt Ion: 99 Resp: 555353
Ion Ratio Lower Upper
99 100
42 19.7 15.6 23.4
71 35.9 28.6 43.0



#15
Benzyl Alcohol
Concen: 14.104 ng
RT: 7.796 min Scan# 826
Delta R.T. -0.206 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Tgt Ion: 79 Resp: 173171
Ion Ratio Lower Upper
79 100
108 6.5 58.7 88.1#
77 28.5 50.2 75.2#



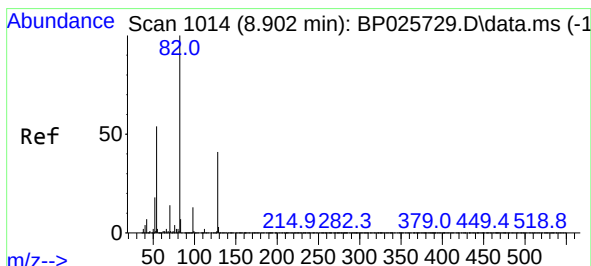
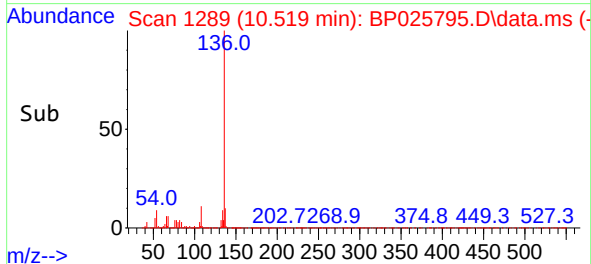
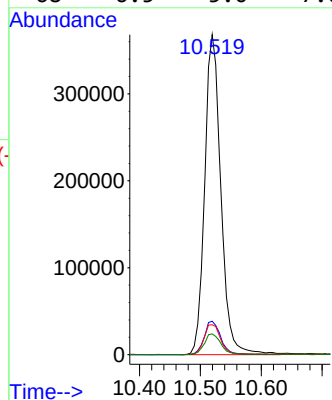
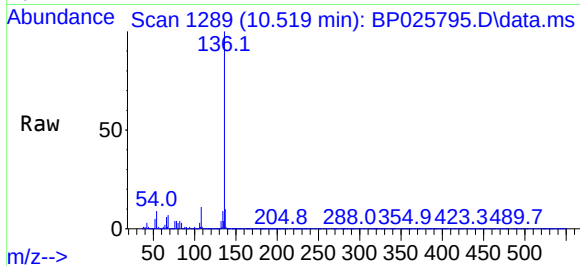


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 678683

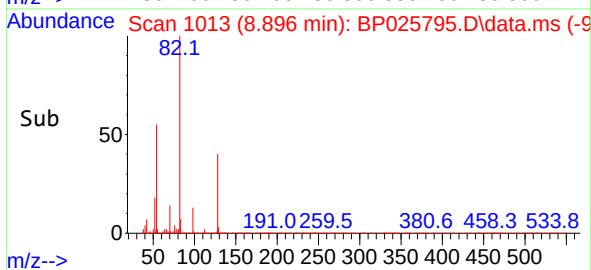
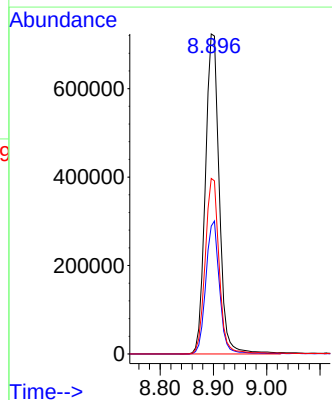
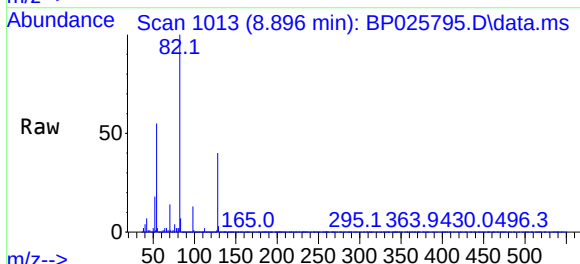
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	9.4	7.5	11.3
68	6.5	5.0	7.6

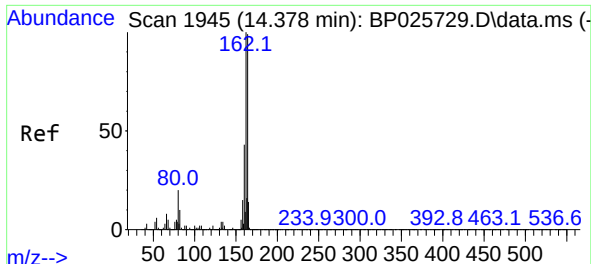


#23
Nitrobenzene-d5
Concen: 85.323 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Tgt Ion: 82 Resp: 1312759

Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.9	49.3
54	54.9	43.4	65.2

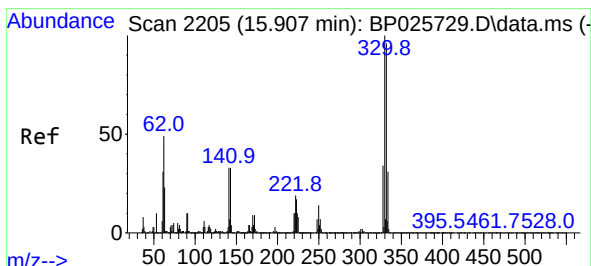
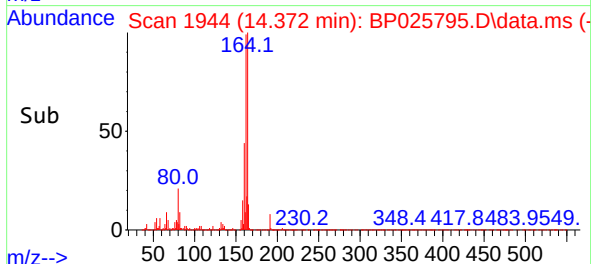
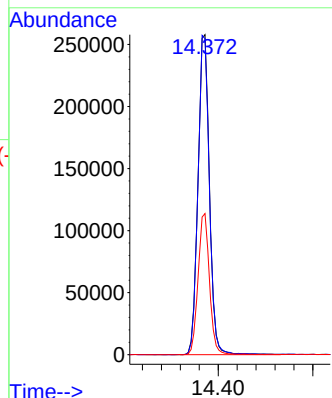
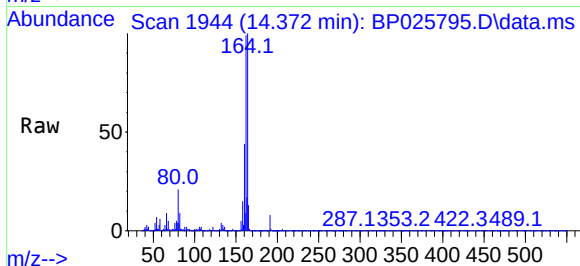




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

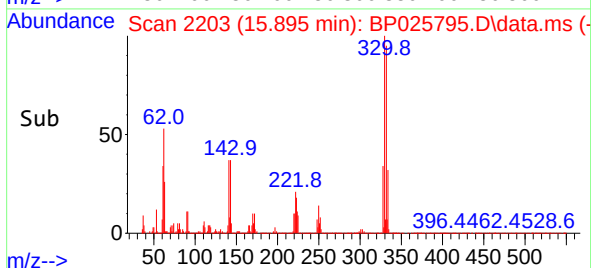
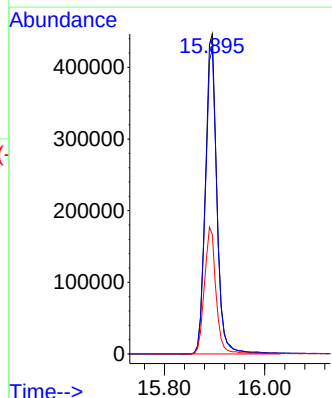
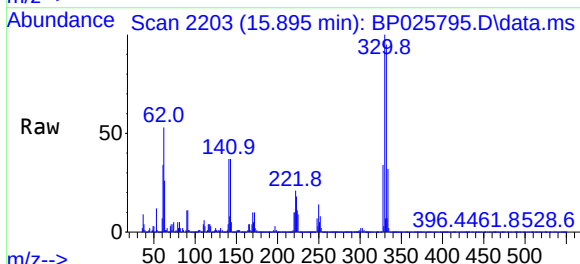
Instrument :
BNA_P
ClientSampleId :

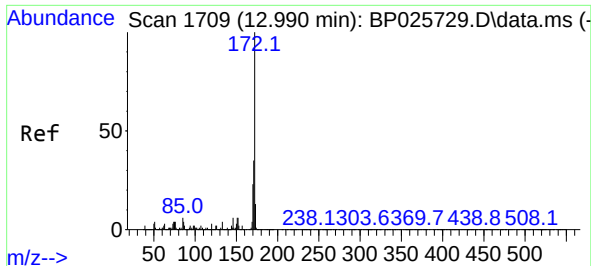
Tgt Ion:164 Resp: 432318
Ion Ratio Lower Upper
164 100
162 98.8 80.6 120.8
160 44.1 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 131.639 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Tgt Ion:330 Resp: 709840
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 40.2 31.0 46.4

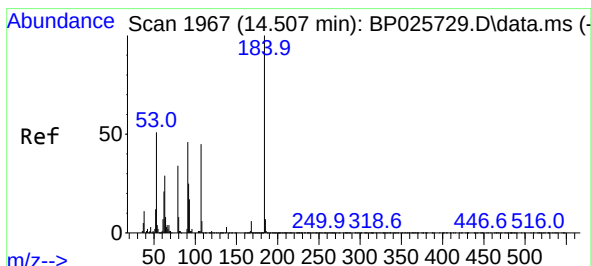
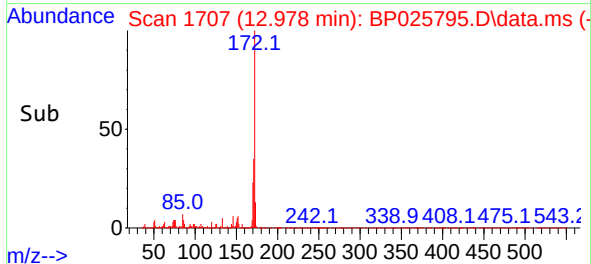
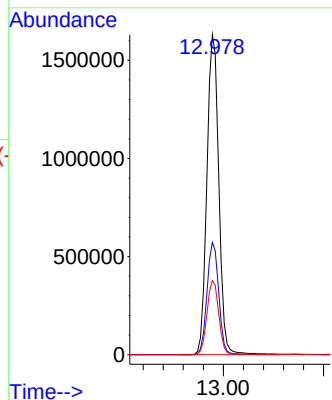
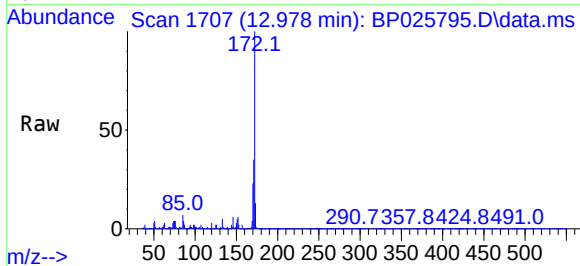




#45
2-Fluorobiphenyl
Concen: 82.864 ng
RT: 12.978 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

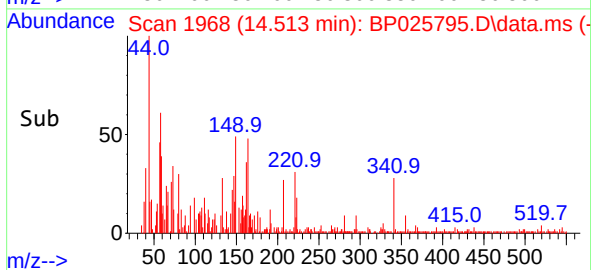
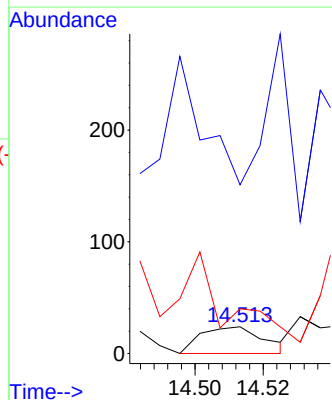
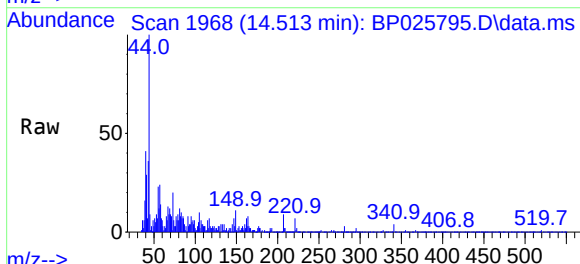
Instrument :
BNA_P
ClientSampleId :

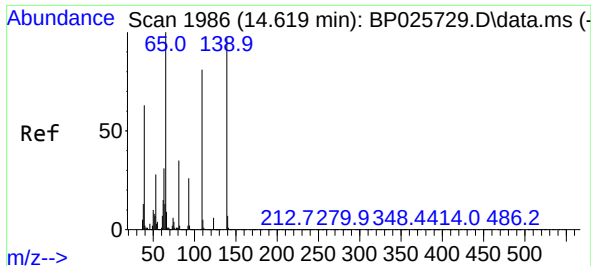
Tgt Ion:172 Resp: 2690467
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.2 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.831 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 629.2 52.5 78.7#
154 166.7 51.5 77.3#

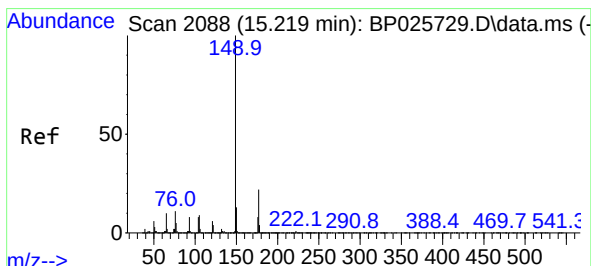
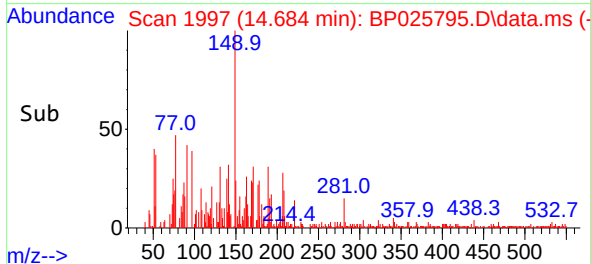
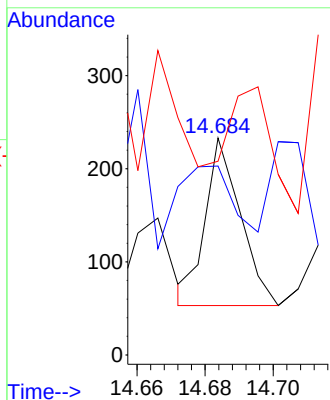
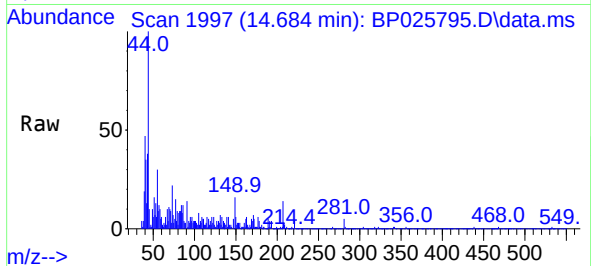




#56
4-Nitrophenol
Concen: 4.501 ng
RT: 14.684 min Scan# 1986
Delta R.T. 0.065 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

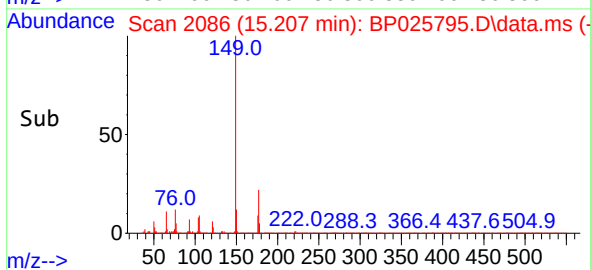
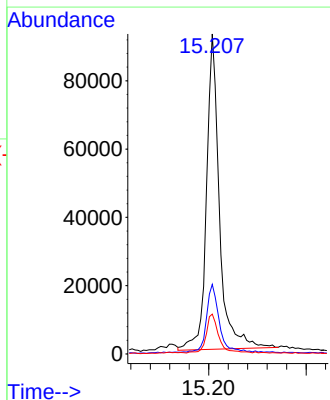
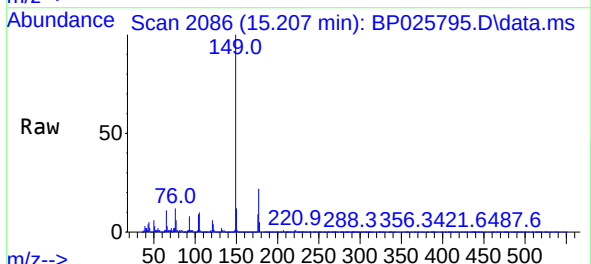
Instrument :
BNA_P
ClientSampleId :

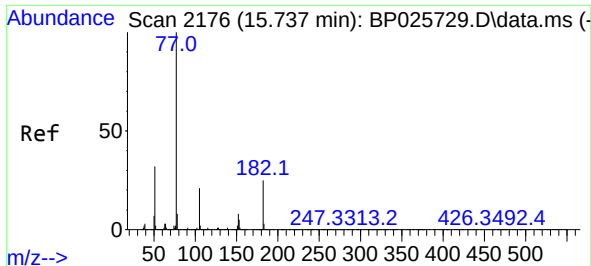
Tgt Ion:	139	Resp:	128
Ion	Ratio	Lower	Upper
139	100		
109	87.1	62.9	102.9
65	89.3	83.4	123.4



#60
Diethylphthalate
Concen: 5.079 ng
RT: 15.207 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

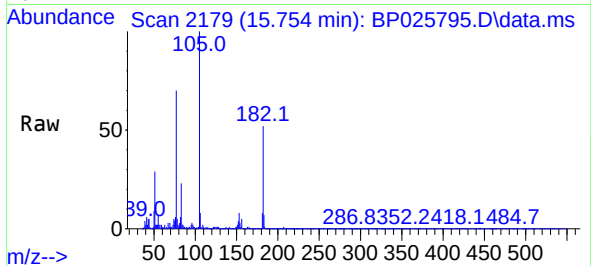
Tgt Ion:	149	Resp:	170037
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.7	26.5
150	12.4	10.0	15.0



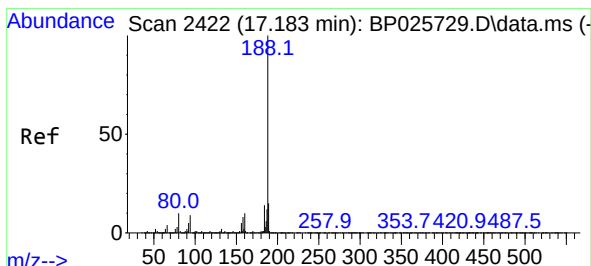
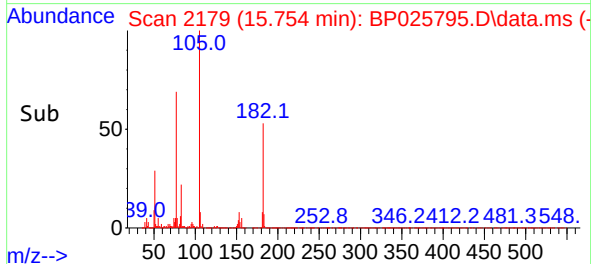
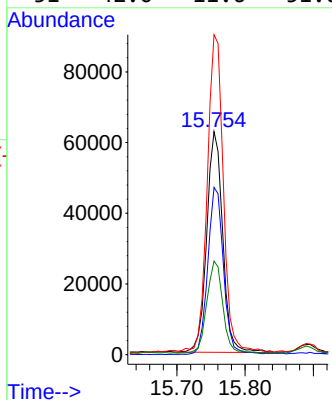


#63
Azobenzene
Concen: 3.164 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Instrument :
BNA_P
ClientSampleId :

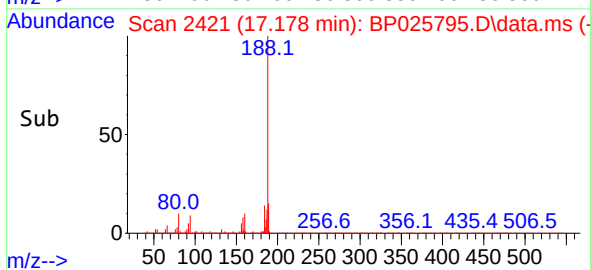
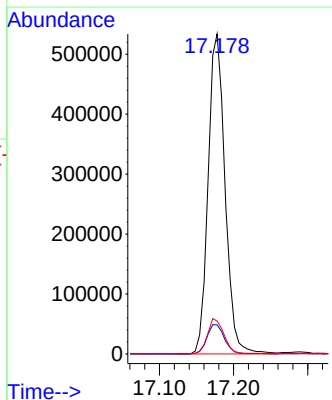
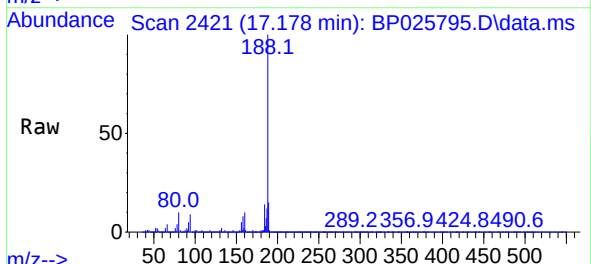


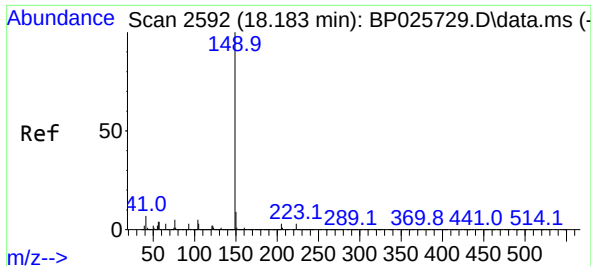
Tgt Ion: 77 Resp: 102436
Ion Ratio Lower Upper
77 100
182 74.9 5.2 45.2#
105 143.4 1.1 41.1#
51 42.0 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Tgt Ion:188 Resp: 846153
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.3 7.7 11.5

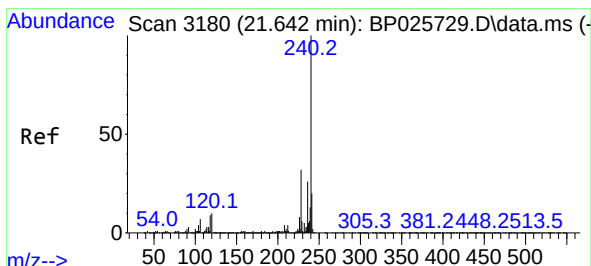
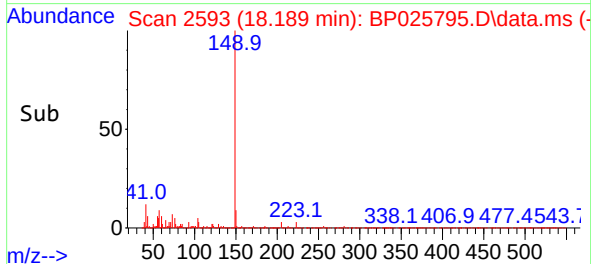
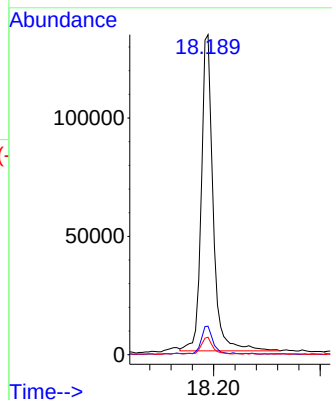
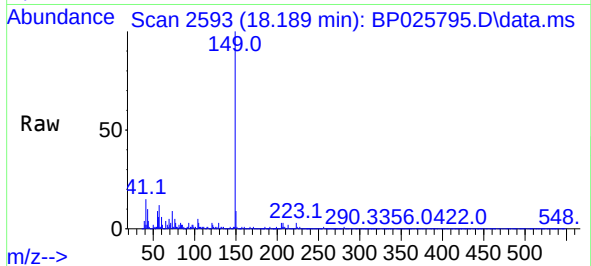




#74
Di-n-butylphthalate
Concen: 3.714 ng
RT: 18.189 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

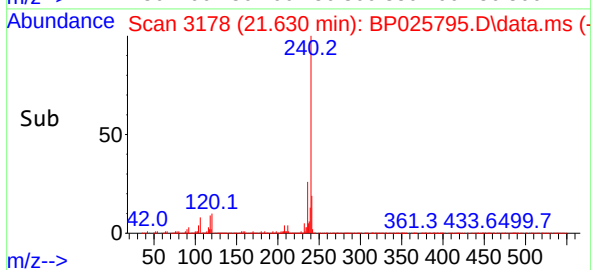
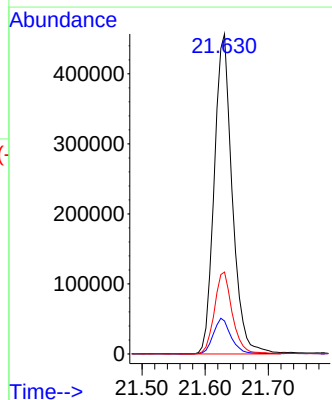
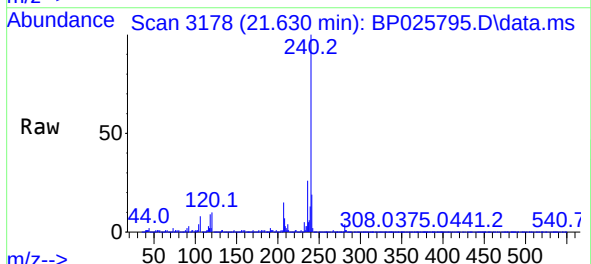
Instrument :
BNA_P
ClientSampleId :

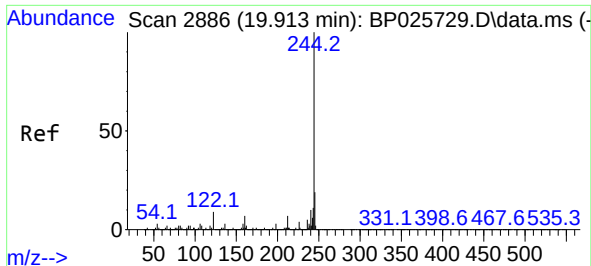
Tgt Ion:149 Resp: 206389
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 5.5 4.3 6.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Tgt Ion:240 Resp: 903941
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.6 20.7 31.1

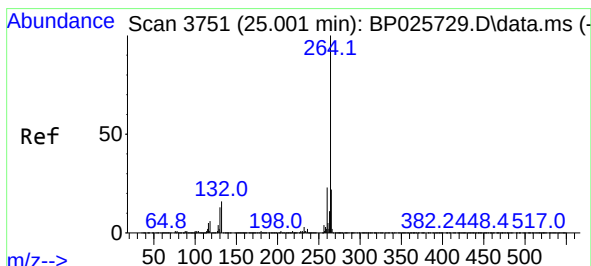
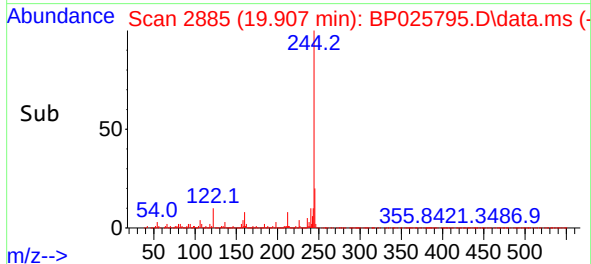
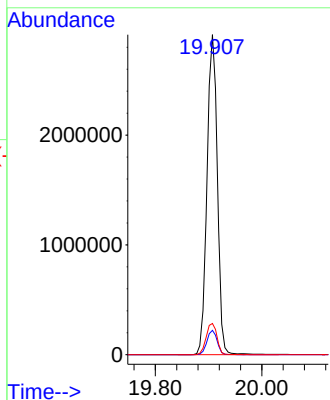
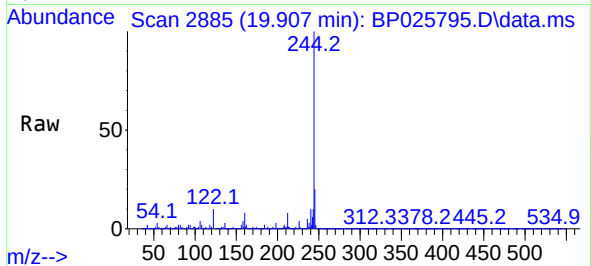




#79
Terphenyl-d14
Concen: 78.043 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.006 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 3921460
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 9.8 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025795.D
Acq: 19 Sep 2025 12:20

Tgt Ion:264 Resp: 981310
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 22.1 17.3 25.9

