

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
 Data File : BP025762.D
 Acq On : 16 Sep 2025 17:53
 Operator : CG/JU
 Sample : Q3092-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 279182

Quant Time: Sep 16 18:20:23 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

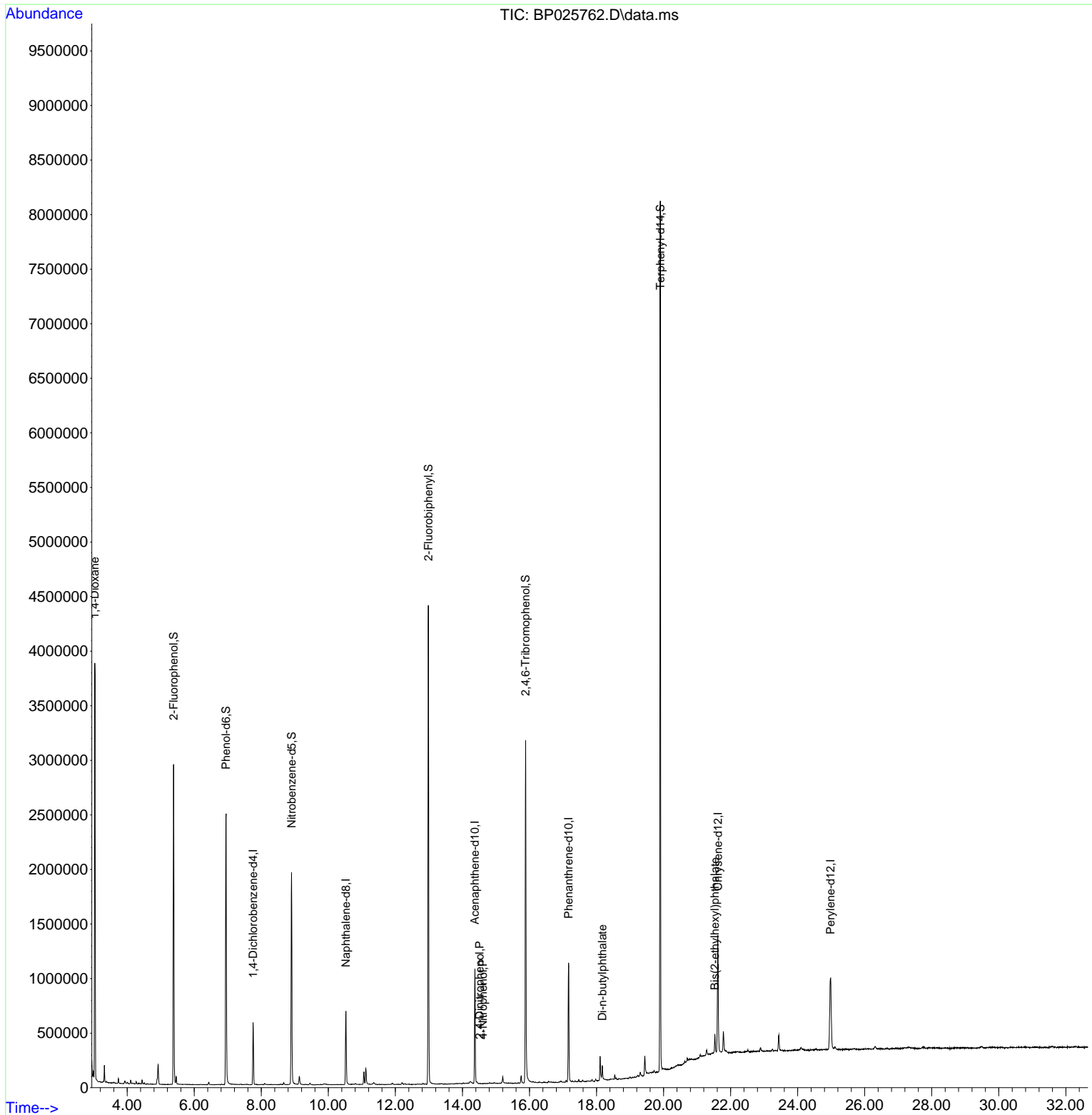
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	149569	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	565486	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	361652	20.000	ng	0.00
64) Phenanthrene-d10	17.166	188	738027	20.000	ng	-0.02
76) Chrysene-d12	21.619	240	763749	20.000	ng	-0.02
86) Perylene-d12	24.977	264	802889	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1235862	133.325	ng	0.00
7) Phenol-d6	6.949	99	1443164	117.131	ng	0.00
23) Nitrobenzene-d5	8.902	82	1131270	88.245	ng	0.00
42) 2,4,6-Tribromophenol	15.884	330	640768	142.049	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2399374	88.339	ng	0.00
79) Terphenyl-d14	19.901	244	3965973	93.417	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.031	88	27374	7.036	ng	# 1
54) 2,4-Dinitrophenol	14.513	184	19	4.829	ng	# 1
56) 4-Nitrophenol	14.613	139	111	4.502	ng	# 64
74) Di-n-butylphthalate	18.172	149	103298	2.131	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	79811	2.441	ng	99

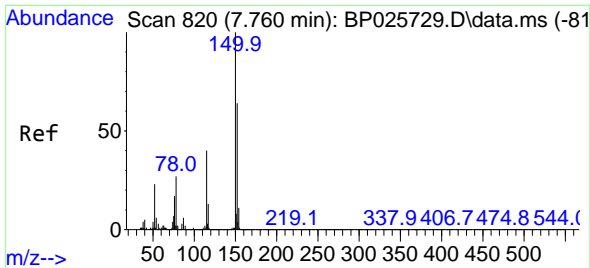
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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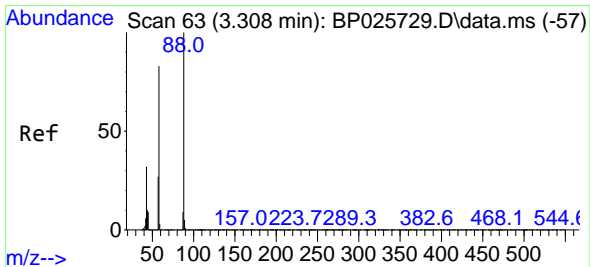
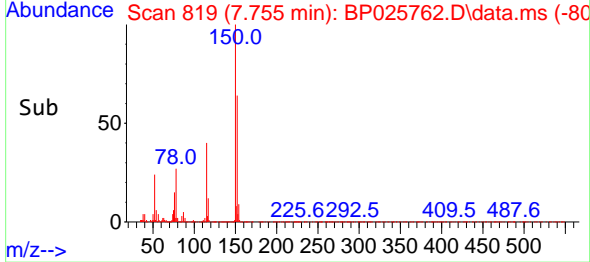
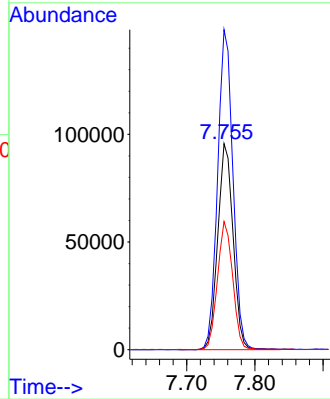
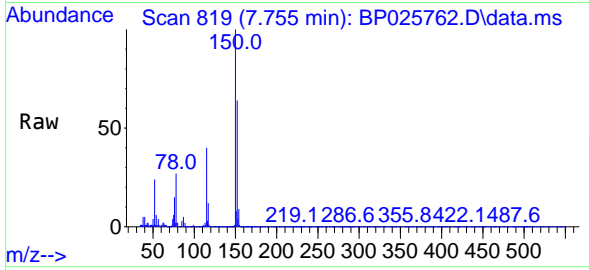




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.755 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

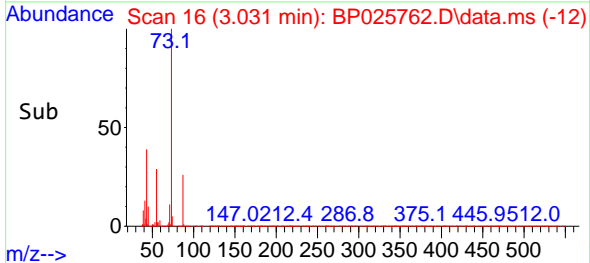
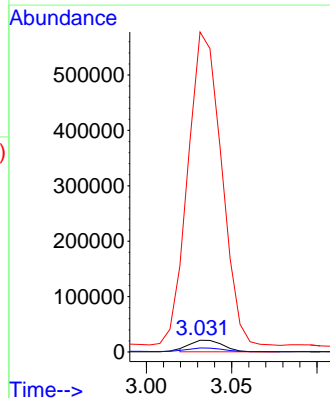
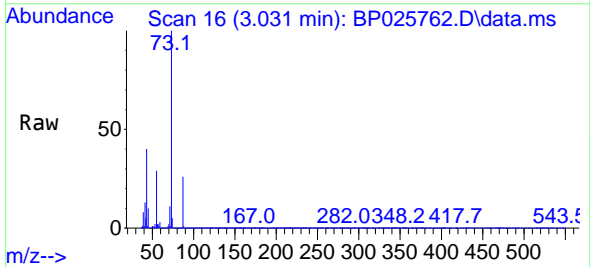
Instrument :
 BNA_P
 ClientSampleId :
 279182

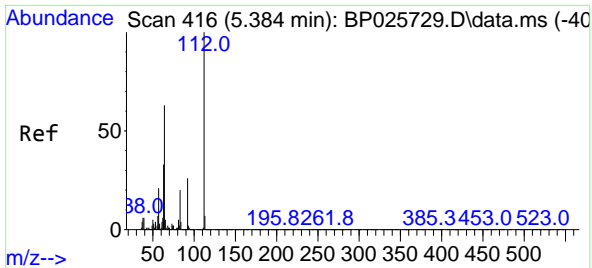
Tgt Ion:152 Resp: 149569
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.3 186.5
 115 62.2 50.3 75.5



#2
 1,4-Dioxane
 Concen: 7.036 ng
 RT: 3.031 min Scan# 16
 Delta R.T. -0.276 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

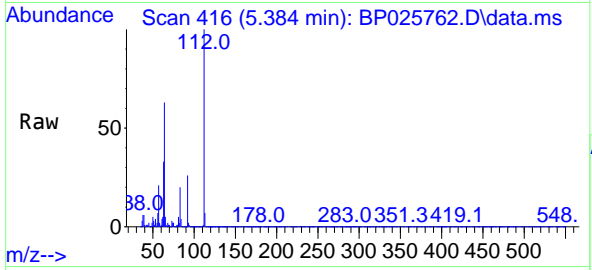
Tgt Ion: 88 Resp: 27374
 Ion Ratio Lower Upper
 88 100
 58 32.0 65.5 98.3#
 43 2620.3 25.2 37.8#



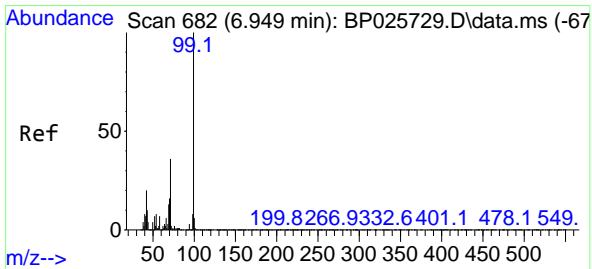
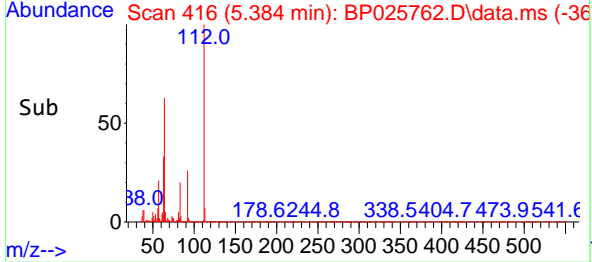
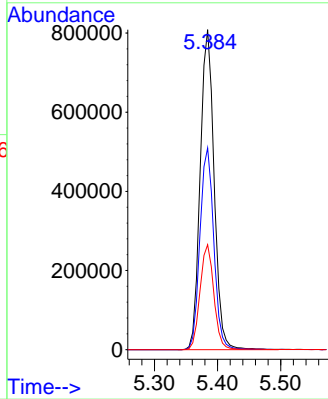


#5
 2-Fluorophenol
 Concen: 133.325 ng
 RT: 5.384 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

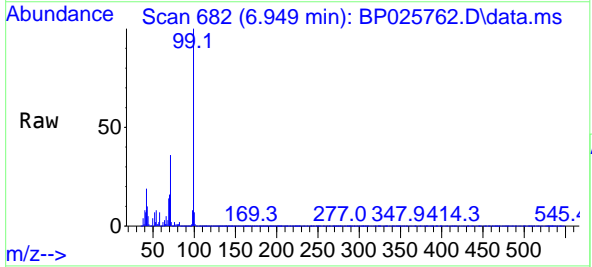
Instrument :
 BNA_P
 ClientSampleId :
 279182



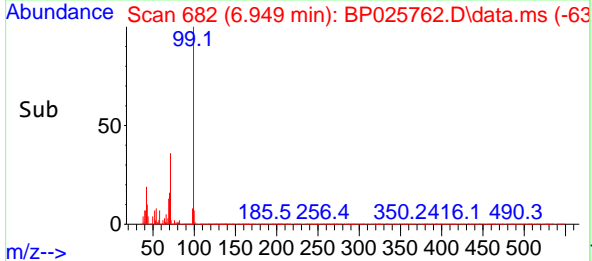
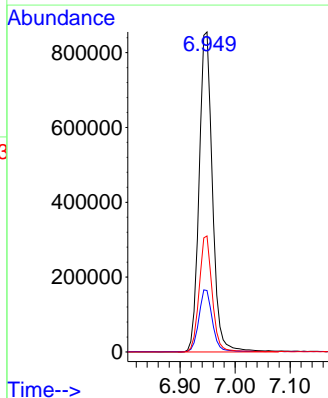
Tgt Ion:112 Resp: 1235862
 Ion Ratio Lower Upper
 112 100
 64 63.1 50.2 75.4
 63 32.8 26.7 40.1

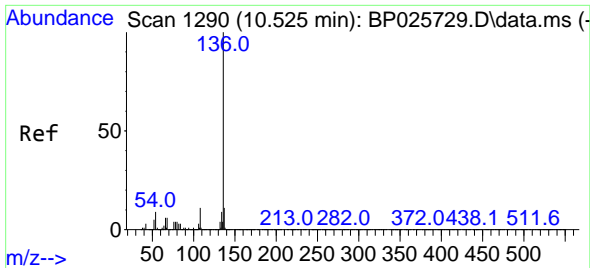


#7
 Phenol-d6
 Concen: 117.131 ng
 RT: 6.949 min Scan# 682
 Delta R.T. 0.000 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53



Tgt Ion: 99 Resp: 1443164
 Ion Ratio Lower Upper
 99 100
 42 19.2 15.6 23.4
 71 36.2 28.6 43.0



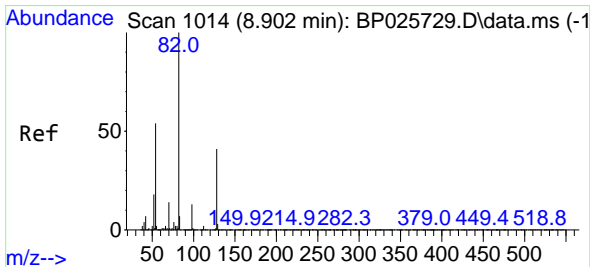
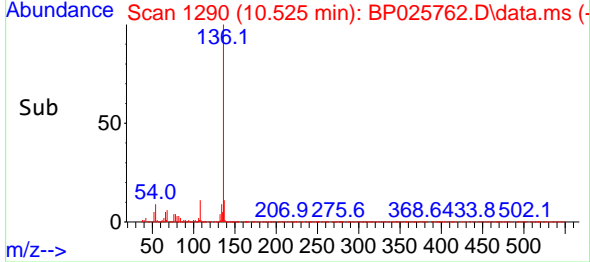
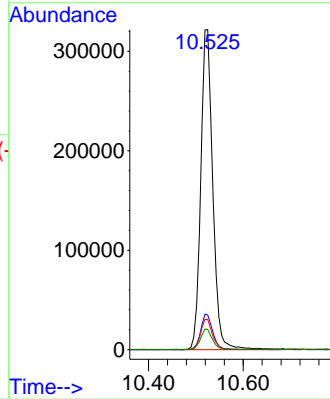
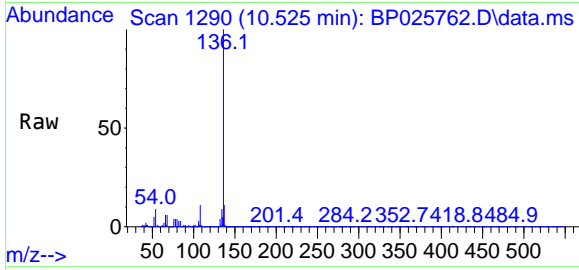


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.525 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Instrument :
 BNA_P
 ClientSampleId :
 279182

Tgt Ion: 136 Resp: 565486

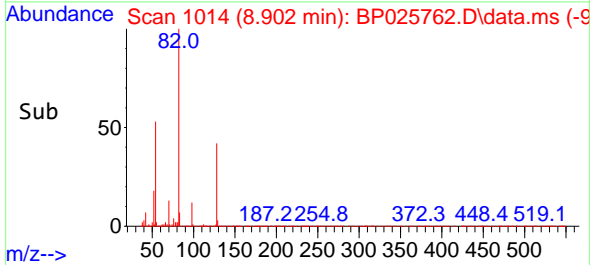
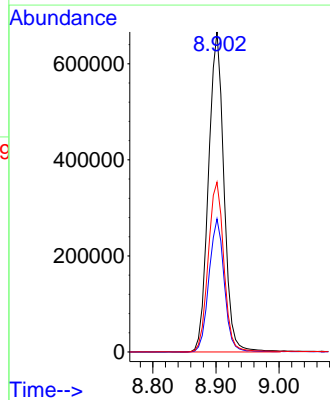
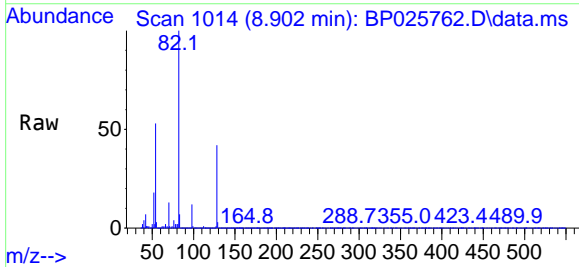
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.4	7.5	11.3
68	6.3	5.0	7.6

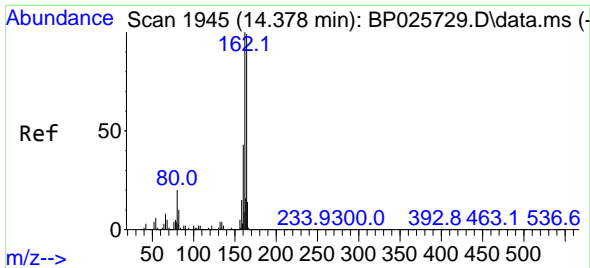


#23
 Nitrobenzene-d5
 Concen: 88.245 ng
 RT: 8.902 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Tgt Ion: 82 Resp: 1131270

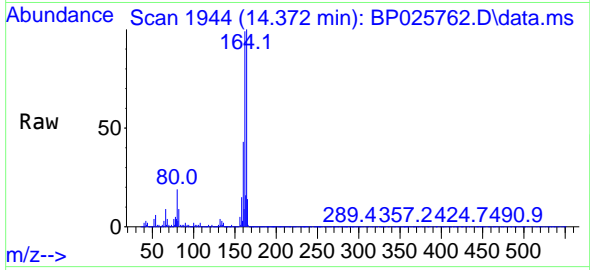
Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.9	49.3
54	53.1	43.4	65.2



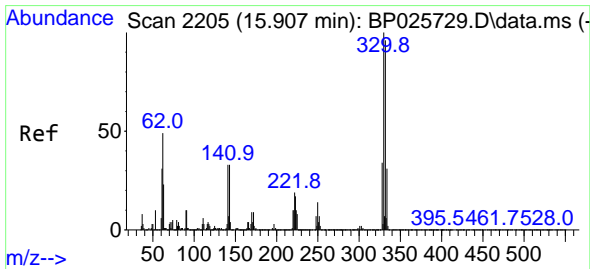
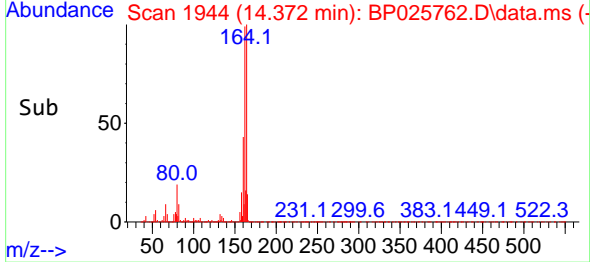
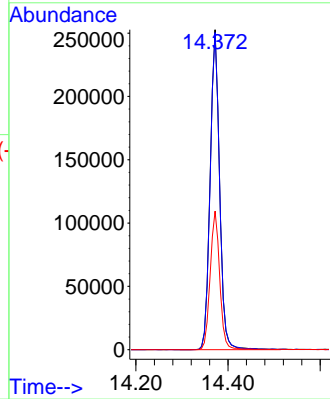


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.372 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

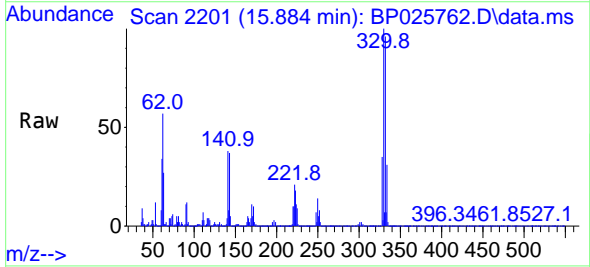
Instrument :
 BNA_P
 ClientSampleId :
 279182



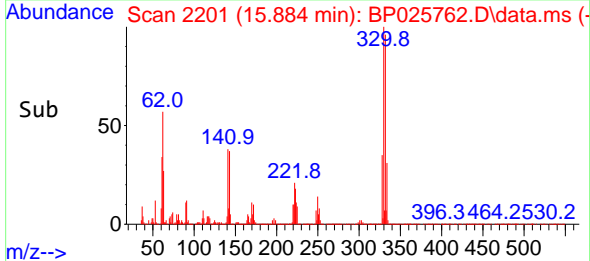
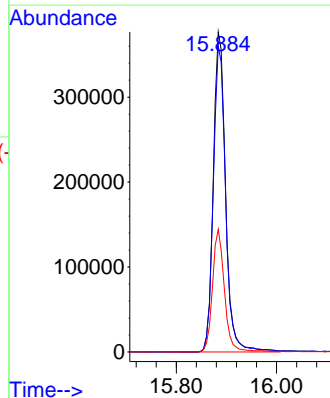
Tgt Ion:164 Resp: 361652
 Ion Ratio Lower Upper
 164 100
 162 99.1 80.6 120.8
 160 43.3 35.0 52.6

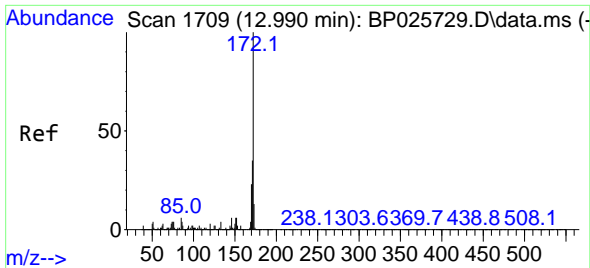


#42
 2,4,6-Tribromophenol
 Concen: 142.049 ng
 RT: 15.884 min Scan# 2201
 Delta R.T. -0.023 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53



Tgt Ion:330 Resp: 640768
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 37.6 31.0 46.4



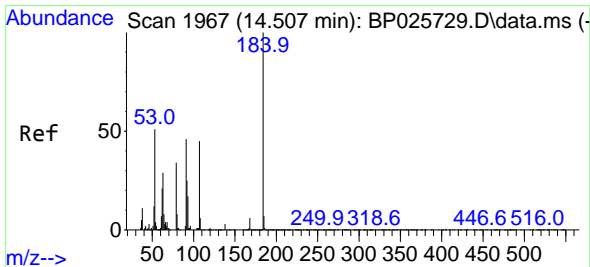
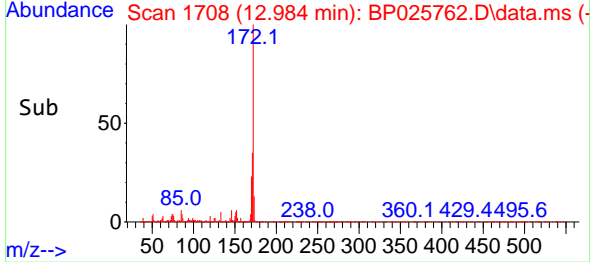
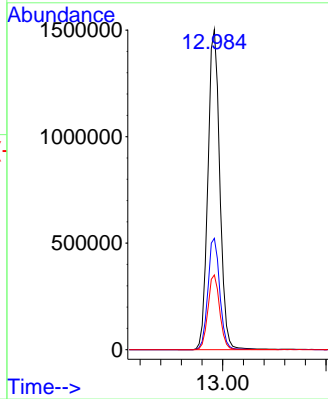
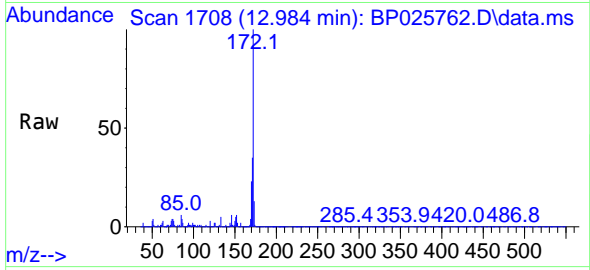


#45
 2-Fluorobiphenyl
 Concen: 88.339 ng
 RT: 12.984 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Instrument :
 BNA_P
 ClientSampleId :
 279182

Tgt Ion:172 Resp: 2399374

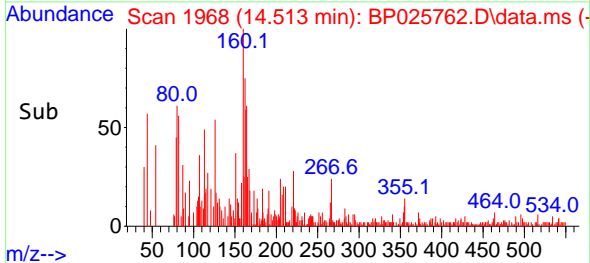
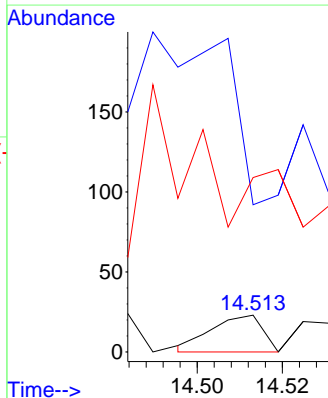
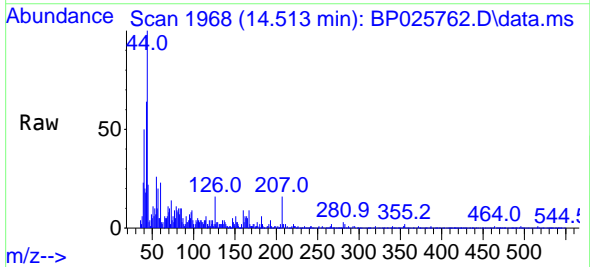
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	27.8

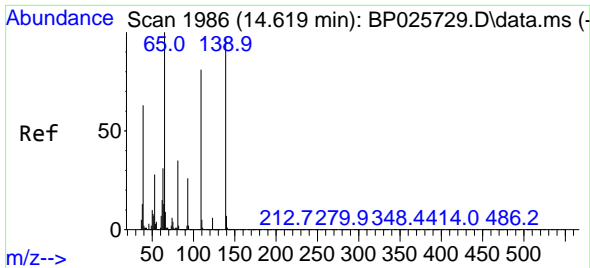


#54
 2,4-Dinitrophenol
 Concen: 4.829 ng
 RT: 14.513 min Scan# 1968
 Delta R.T. 0.006 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Tgt Ion:184 Resp: 19

Ion	Ratio	Lower	Upper
184	100		
63	400.0	52.5	78.7#
154	473.9	51.5	77.3#



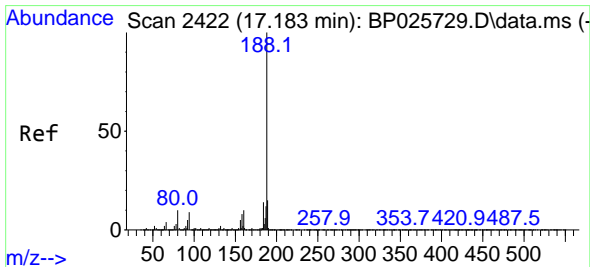
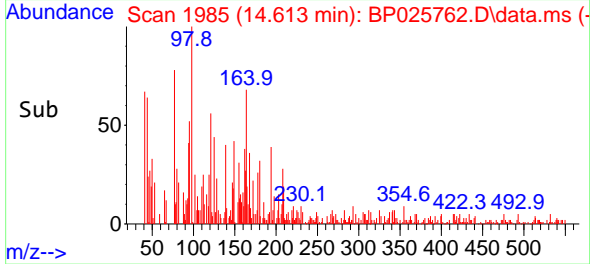
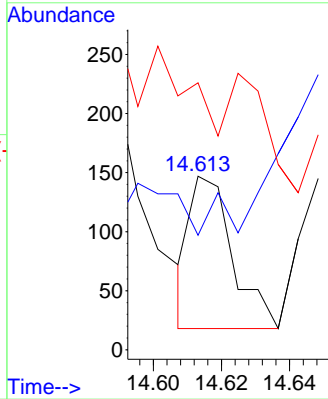
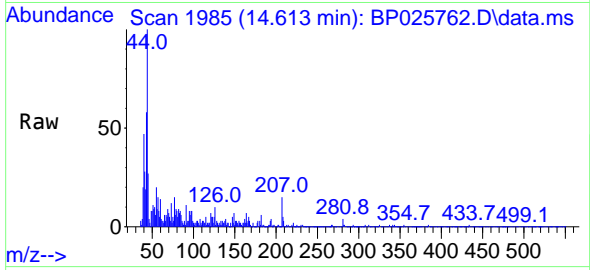


#56
 4-Nitrophenol
 Concen: 4.502 ng
 RT: 14.613 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Instrument :
 BNA_P
 ClientSampleId :
 279182

Tgt Ion:139 Resp: 111

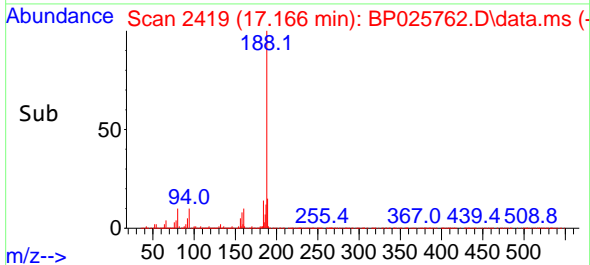
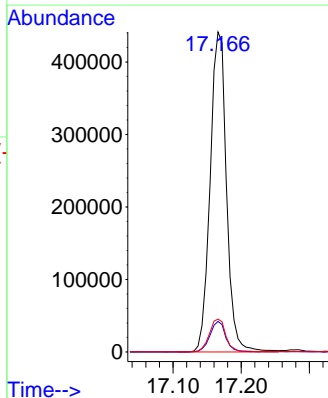
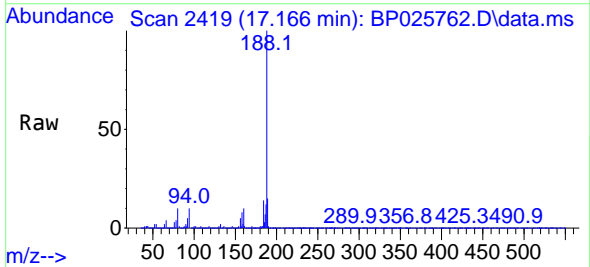
Ion	Ratio	Lower	Upper
139	100		
109	66.0	62.9	102.9
65	153.7	83.4	123.4#

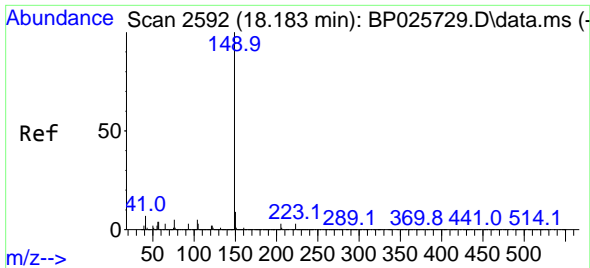


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.166 min Scan# 2419
 Delta R.T. -0.018 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Tgt Ion:188 Resp: 738027

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.0
80	10.3	7.7	11.5



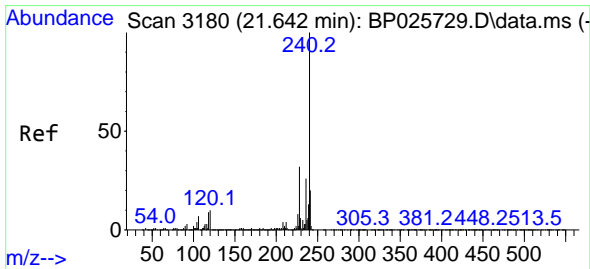
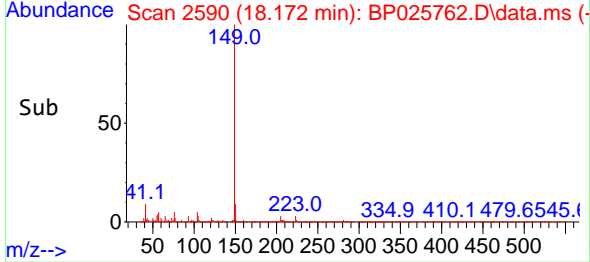
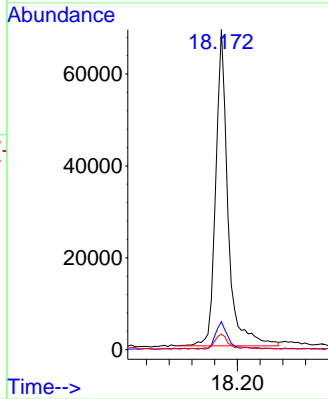
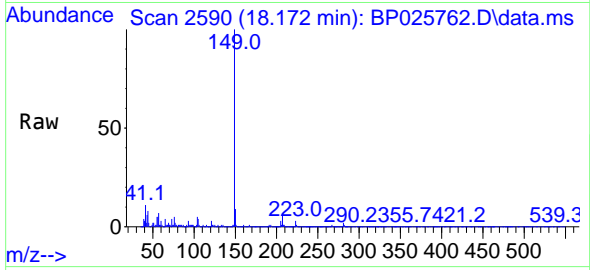


#74
 Di-n-butylphthalate
 Concen: 2.131 ng
 RT: 18.172 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Instrument :
 BNA_P
 ClientSampleId :
 279182

Tgt Ion:149 Resp: 103298

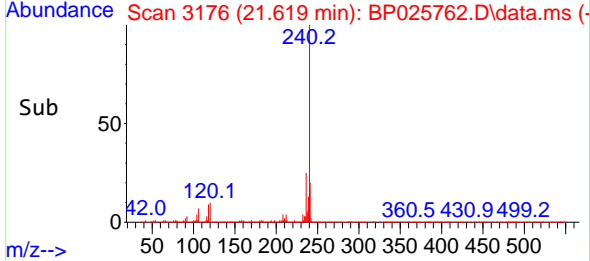
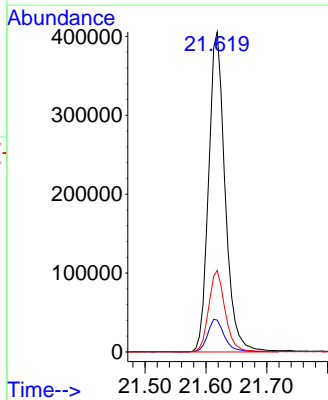
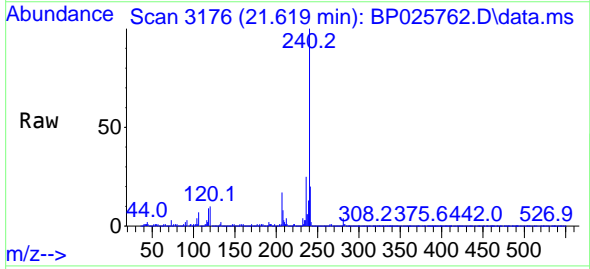
Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.0
104	4.9	4.3	6.5

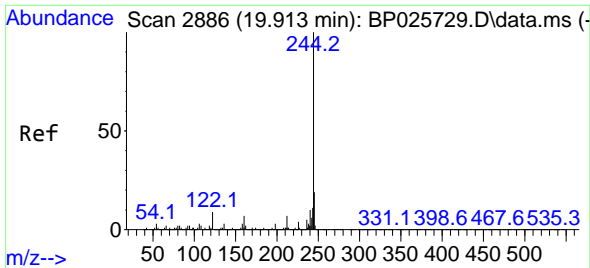


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.619 min Scan# 3176
 Delta R.T. -0.023 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Tgt Ion:240 Resp: 763749

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.0	12.0
236	25.4	20.7	31.1



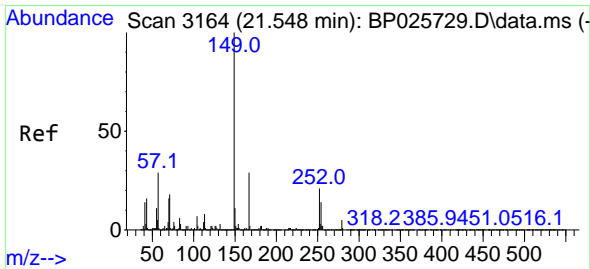
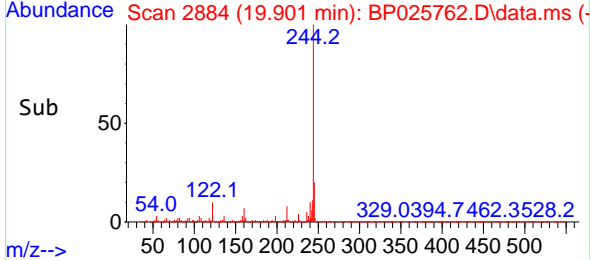
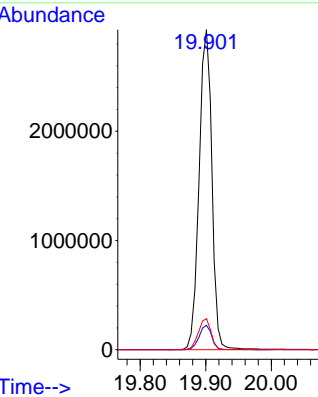
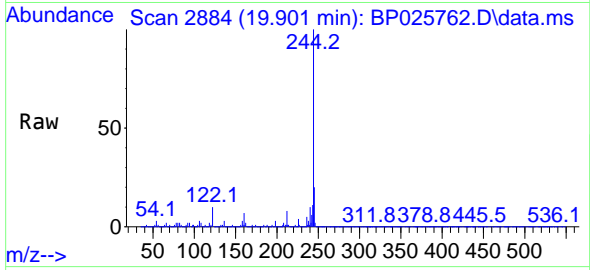


#79
 Terphenyl-d14
 Concen: 93.417 ng
 RT: 19.901 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Instrument : BNA_P
 ClientSampleId : 279182

Tgt Ion:244 Resp: 3965973

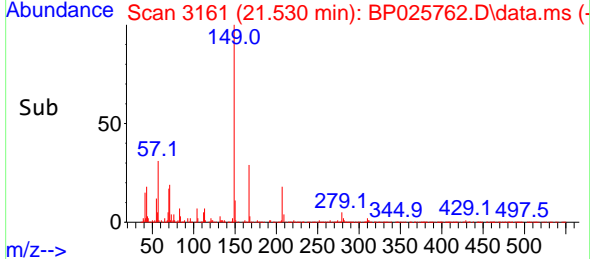
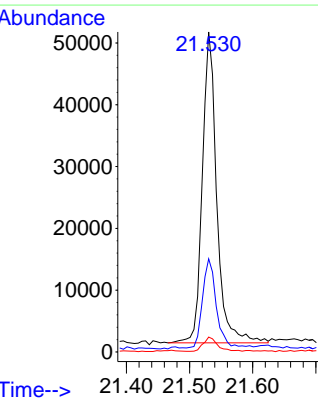
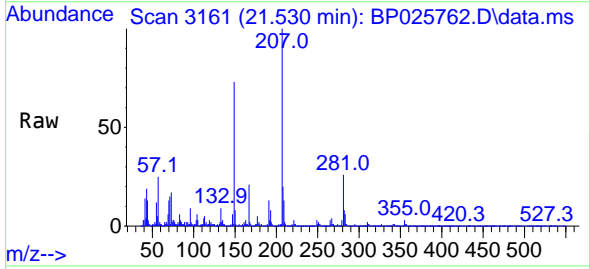
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.7	7.1	10.7

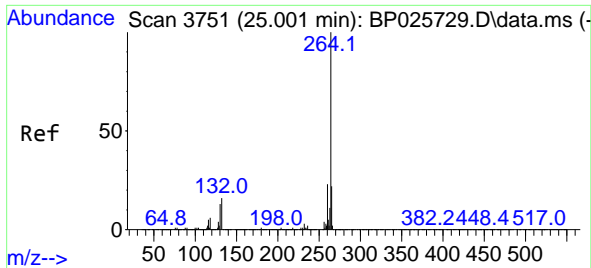


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.441 ng
 RT: 21.530 min Scan# 3161
 Delta R.T. -0.018 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Tgt Ion:149 Resp: 79811

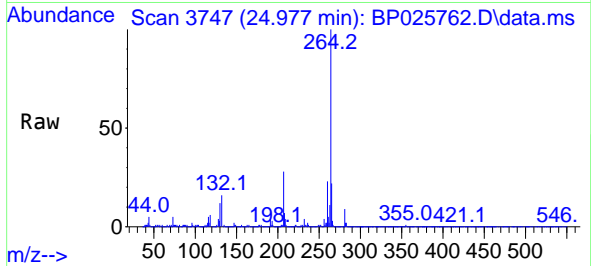
Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.9	34.3
279	4.7	3.8	5.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.977 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: BP025762.D
 Acq: 16 Sep 2025 17:53

Instrument :
 BNA_P
 ClientSampleId :
 279182



Tgt Ion: 264 Resp: 802889

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.8	17.3	25.9

