

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024317.D
 Acq On : 16 Apr 2025 18:38
 Operator : RC/JU
 Sample : Q1791-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 V1207

Quant Time: Apr 17 01:14:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

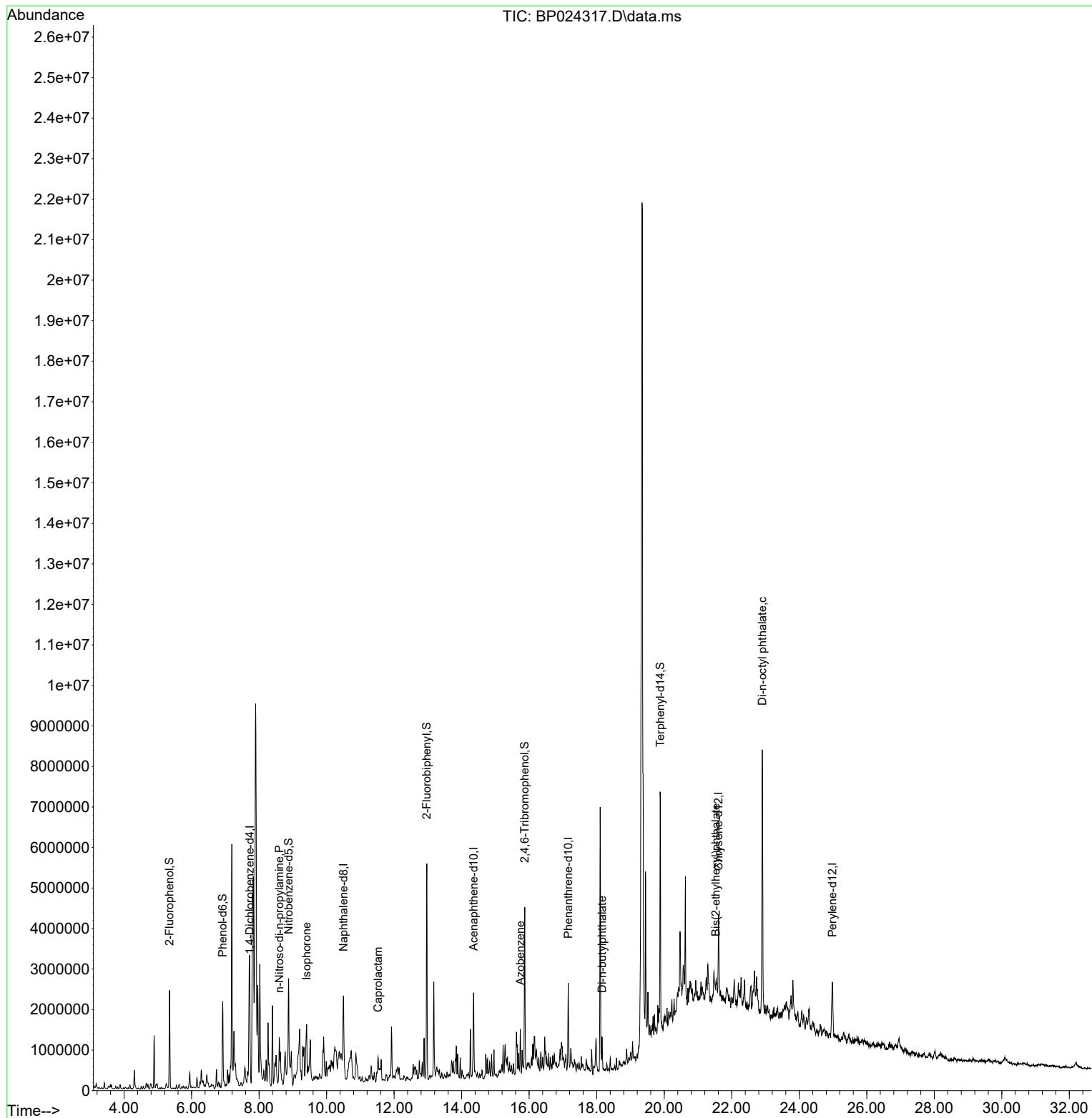
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	290368	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	1101057	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	646035	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1133206	20.000	ng	-0.02
76) Chrysene-d12	21.610	240	1137290	20.000	ng	-0.01
86) Perylene-d12	24.980	264	1428575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1152763	65.642	ng	0.00
7) Phenol-d6	6.922	99	1374581	57.164	ng	0.00
23) Nitrobenzene-d5	8.875	82	1292965	66.960	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	722207	80.800	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	2546896	60.362	ng	-0.01
79) Terphenyl-d14	19.880	244	2898597	51.372	ng	-0.04
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.599	70	140951	9.475	ng	# 55
25) Isophorone	9.410	82	121551	3.478	ng	# 69
35) Caprolactam	11.522	113	40491	6.857	ng	# 1
63) Azobenzene	15.740	77	131977	2.966	ng	# 1
74) Di-n-butylphthalate	18.163	149	602090	8.301	ng	100
84) Bis(2-ethylhexyl)phtha...	21.533	149	121676	2.681	ng	96
85) Di-n-octyl phthalate	22.904	149	1130882	15.328	ng	# 48

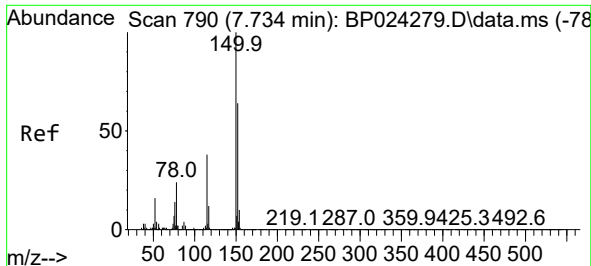
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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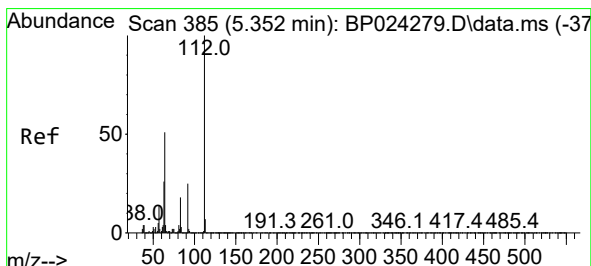
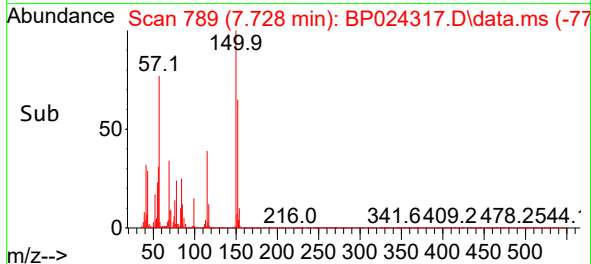
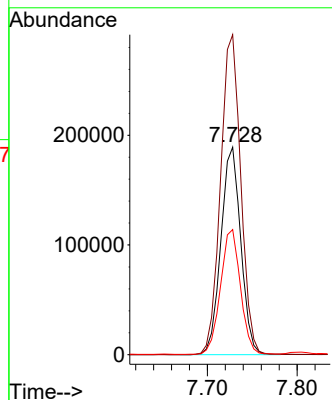
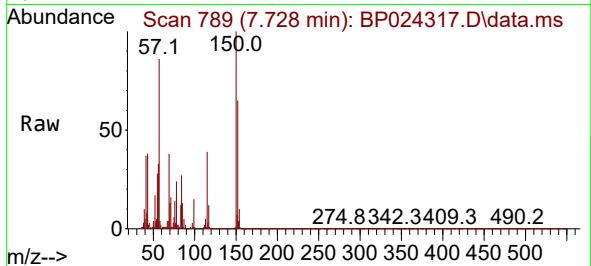




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024317.D
Acq: 16 Apr 2025 18:38

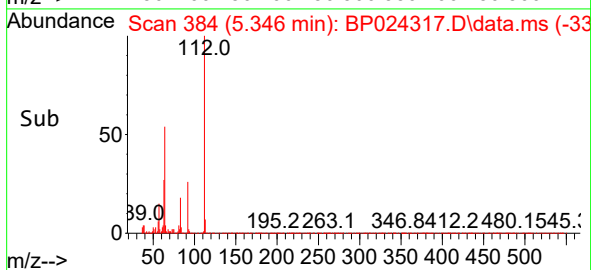
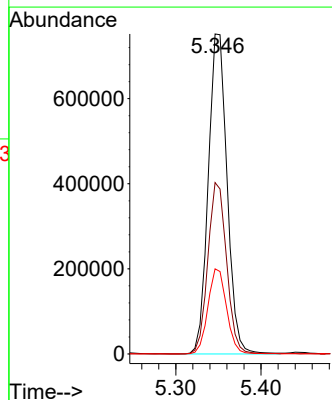
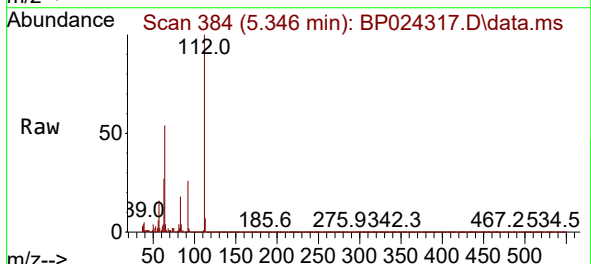
Instrument :
BNA_P
ClientSampleId :
V1207

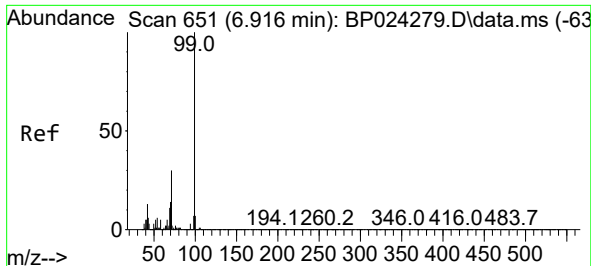
Tgt Ion:152 Resp: 290368
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 60.3 47.7 71.5



#5
2-Fluorophenol
Concen: 65.642 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP024317.D
Acq: 16 Apr 2025 18:38

Tgt Ion:112 Resp: 1152763
Ion Ratio Lower Upper
112 100
64 53.5 41.1 61.7
63 26.6 20.6 30.8

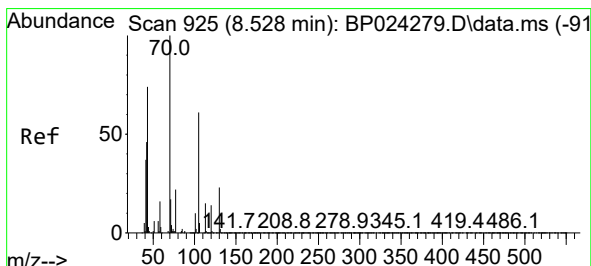
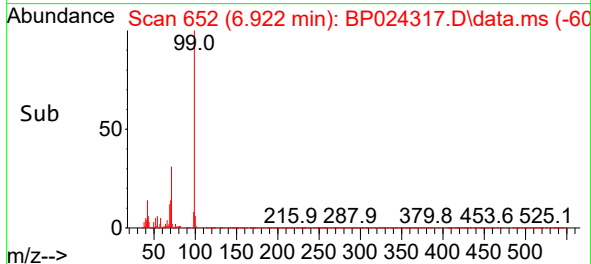
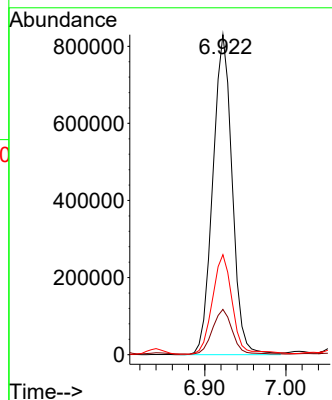
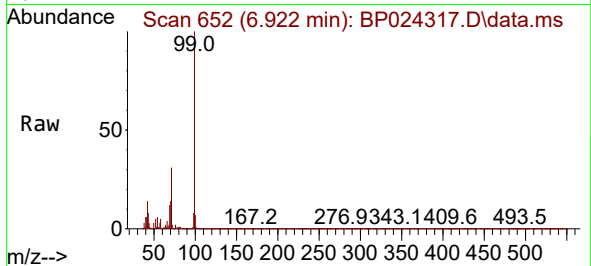




#7
Phenol-d6
Concen: 57.164 ng
RT: 6.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP024317.D
Acq: 16 Apr 2025 18:38

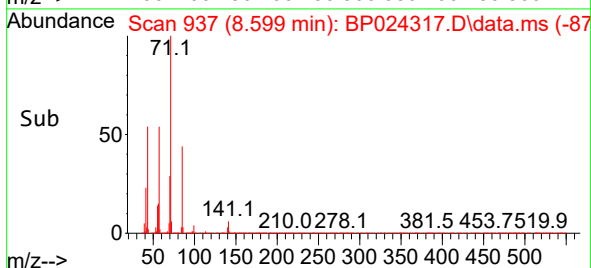
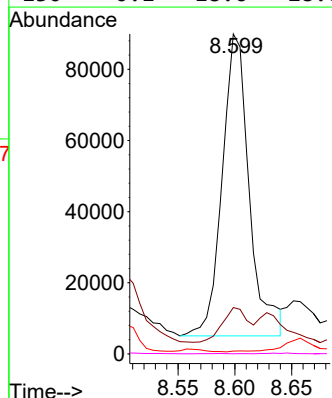
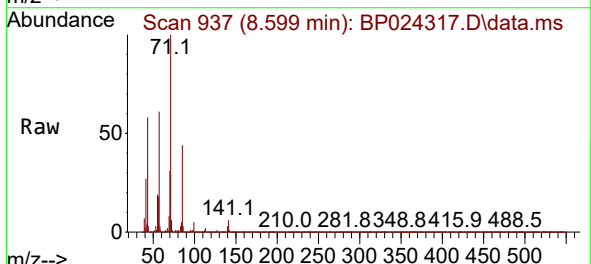
Instrument :
BNA_P
ClientSampleId :
V1207

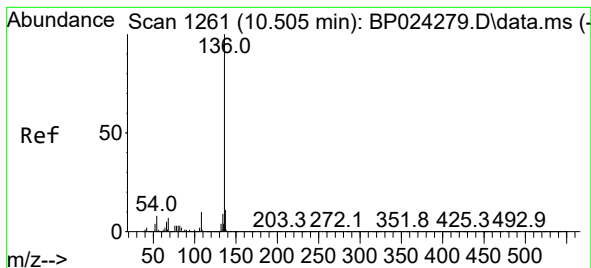
Tgt Ion: 99 Resp: 1374581
Ion Ratio Lower Upper
99 100
42 14.1 10.6 16.0
71 31.2 23.7 35.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.475 ng
RT: 8.599 min Scan# 937
Delta R.T. 0.065 min
Lab File: BP024317.D
Acq: 16 Apr 2025 18:38

Tgt Ion: 70 Resp: 140951
Ion Ratio Lower Upper
70 100
42 14.5 37.3 55.9#
101 0.9 8.2 12.4#
130 0.1 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.499 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP024317.D

Acq: 16 Apr 2025 18:38

Instrument :

BNA_P

ClientSampleId :

V1207

Tgt Ion:136 Resp: 1101057

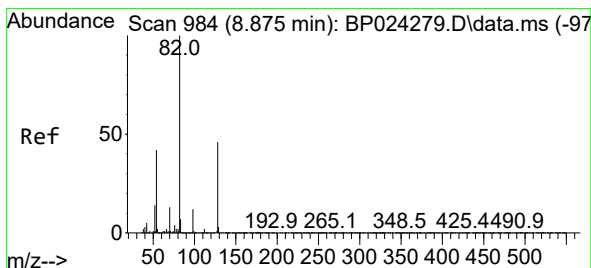
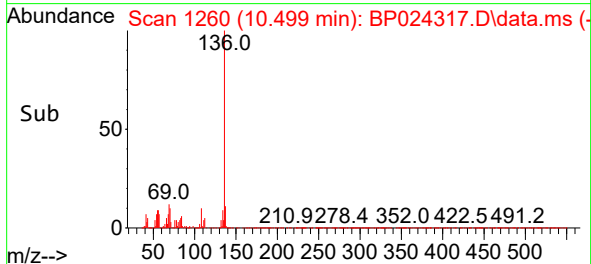
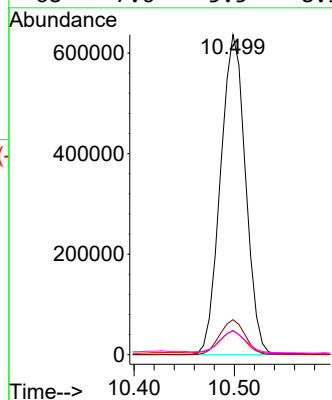
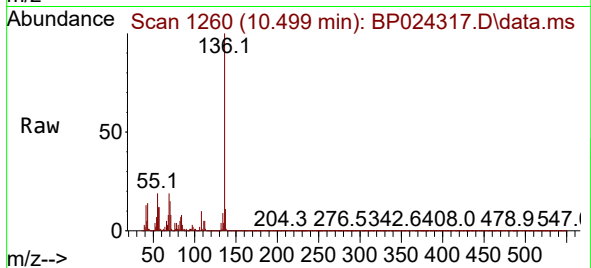
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.5 6.0 9.0

68 7.6 5.5 8.3



#23

Nitrobenzene-d5

Concen: 66.960 ng

RT: 8.875 min Scan# 984

Delta R.T. -0.006 min

Lab File: BP024317.D

Acq: 16 Apr 2025 18:38

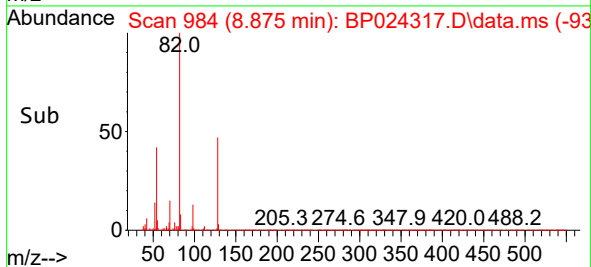
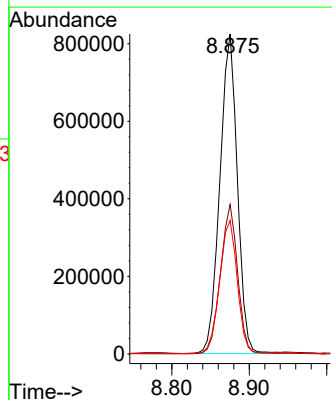
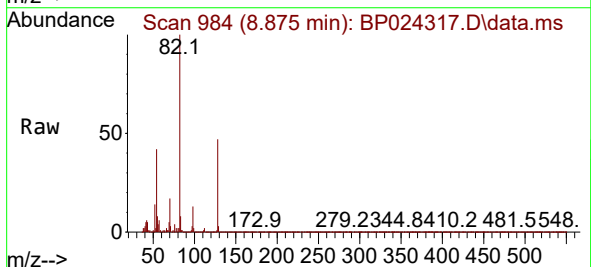
Tgt Ion: 82 Resp: 1292965

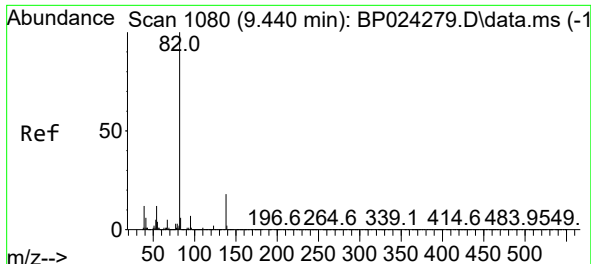
Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

54 41.7 33.4 50.2

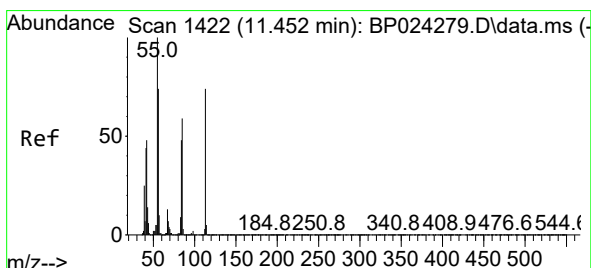
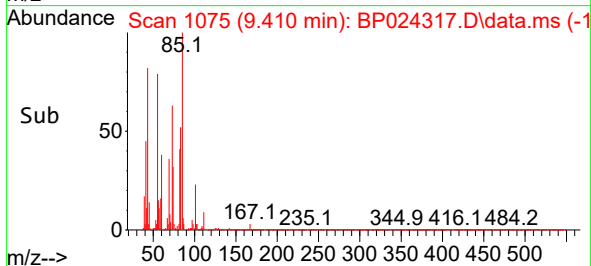
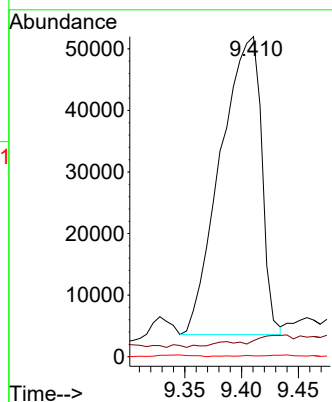
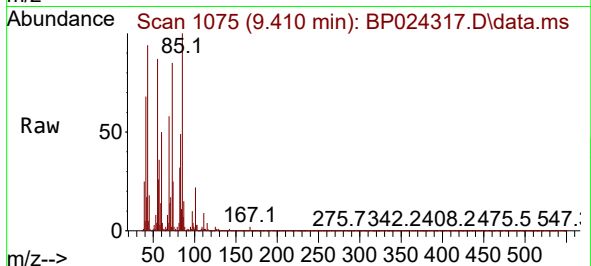




#25
Isophorone
Concen: 3.478 ng
RT: 9.410 min Scan# 1080
Delta R.T. -0.035 min
Lab File: BP024317.D
Acq: 16 Apr 2025 18:38

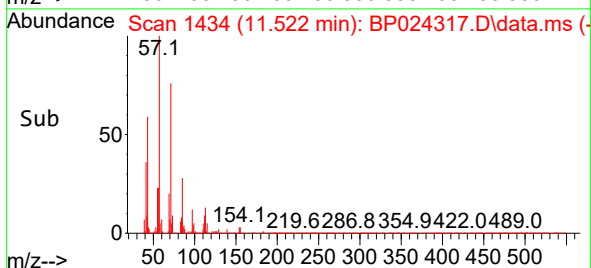
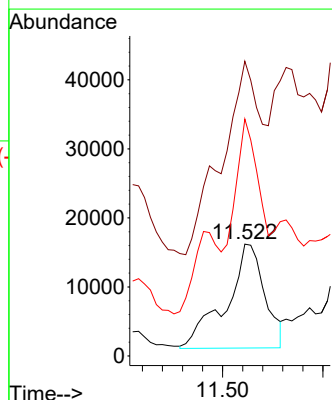
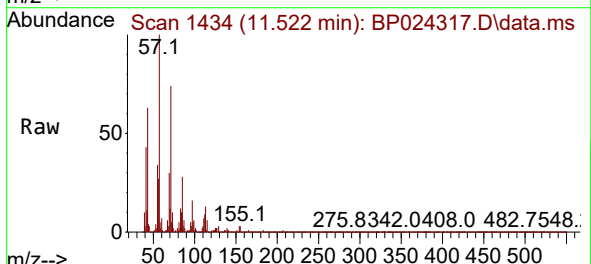
Instrument :
BNA_P
ClientSampleId :
V1207

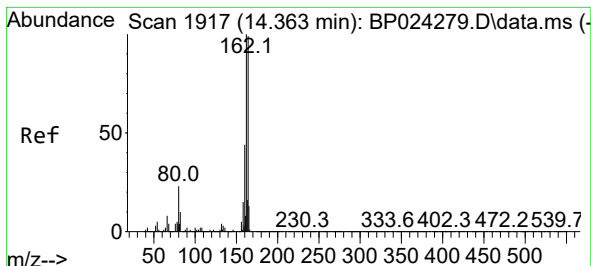
Tgt Ion: 82 Resp: 121551
Ion Ratio Lower Upper
82 100
95 5.0 5.4 8.2#
138 0.2 14.4 21.6#



#35
Caprolactam
Concen: 6.857 ng
RT: 11.522 min Scan# 1434
Delta R.T. 0.041 min
Lab File: BP024317.D
Acq: 16 Apr 2025 18:38

Tgt Ion: 113 Resp: 40491
Ion Ratio Lower Upper
113 100
55 263.6 115.9 155.9#
56 211.9 81.1 121.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.357 min Scan# 1916

Delta R.T. -0.012 min

Lab File: BP024317.D

Acq: 16 Apr 2025 18:38

Instrument :

BNA_P

ClientSampleId :

V1207

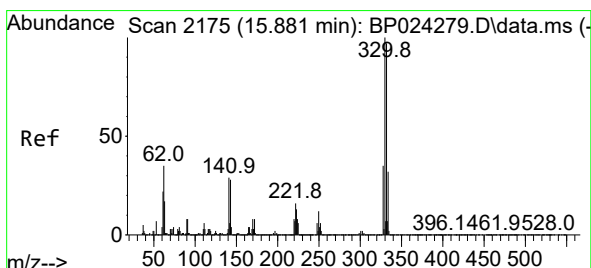
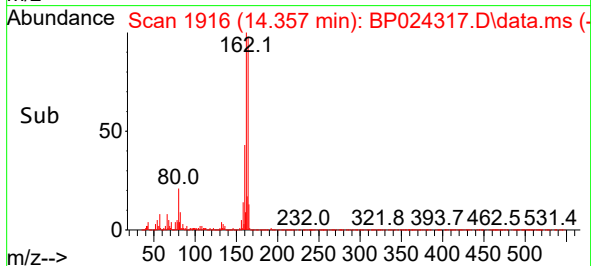
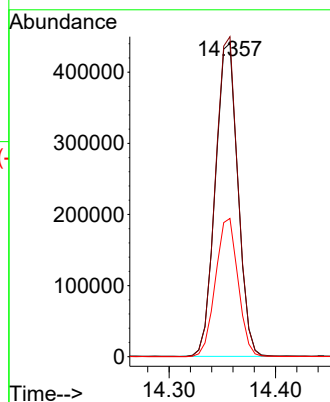
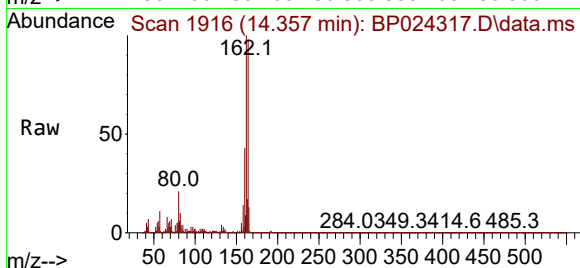
Tgt Ion:164 Resp: 646035

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 44.1 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 80.800 ng

RT: 15.869 min Scan# 2173

Delta R.T. -0.023 min

Lab File: BP024317.D

Acq: 16 Apr 2025 18:38

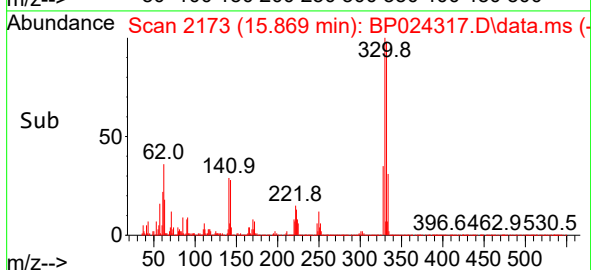
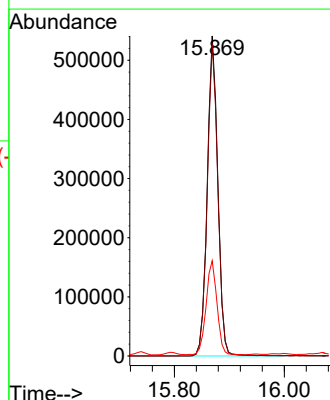
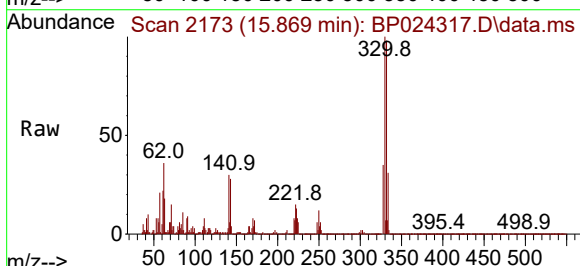
Tgt Ion:330 Resp: 722207

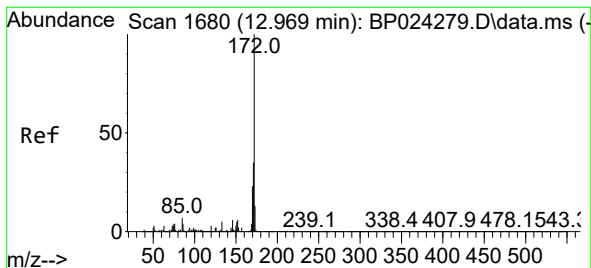
Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 30.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 60.362 ng

RT: 12.969 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024317.D

Acq: 16 Apr 2025 18:38

Instrument :

BNA_P

ClientSampleId :

V1207

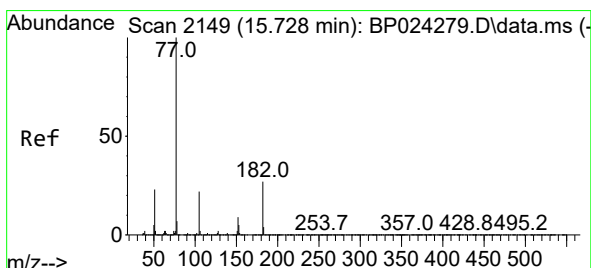
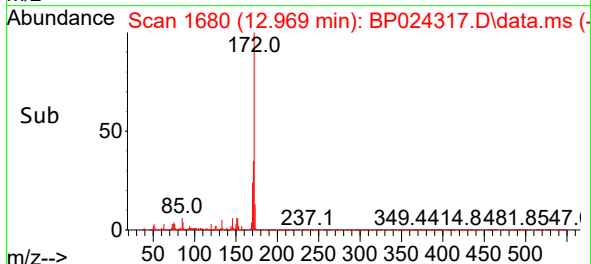
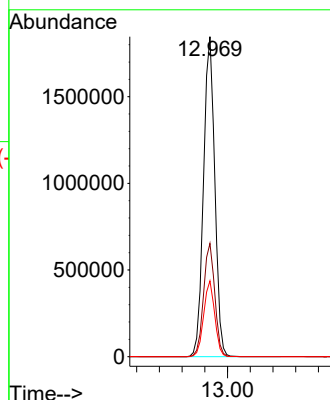
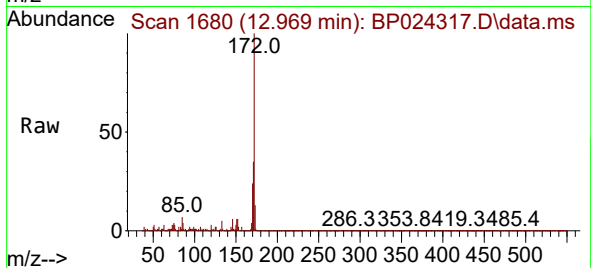
Tgt Ion:172 Resp: 2546896

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.7 18.6 27.8



#63

Azobenzene

Concen: 2.966 ng

RT: 15.740 min Scan# 2151

Delta R.T. 0.000 min

Lab File: BP024317.D

Acq: 16 Apr 2025 18:38

Tgt Ion: 77 Resp: 131977

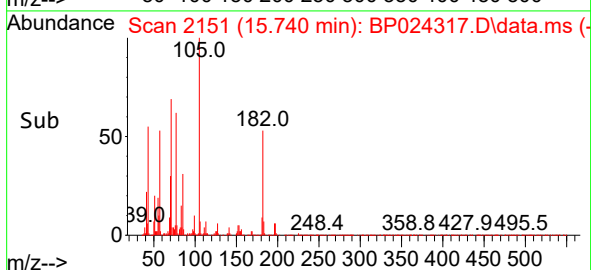
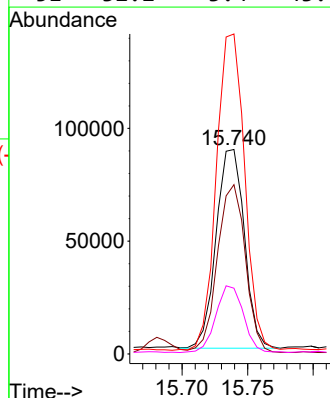
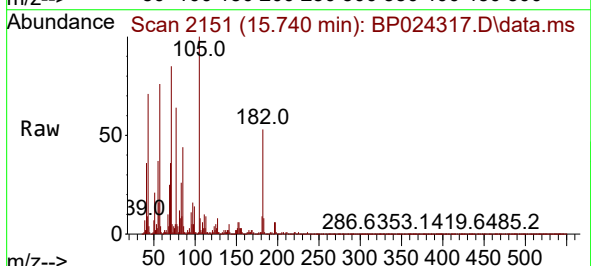
Ion Ratio Lower Upper

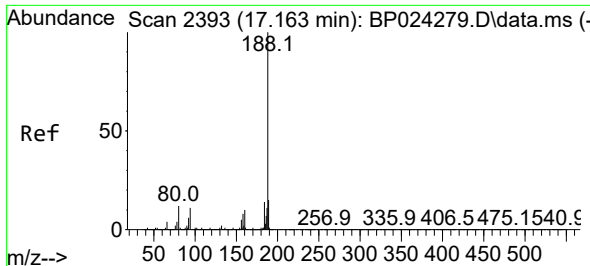
77 100

182 82.8 7.3 47.3#

105 156.5 2.3 42.3#

51 32.2 3.4 43.4

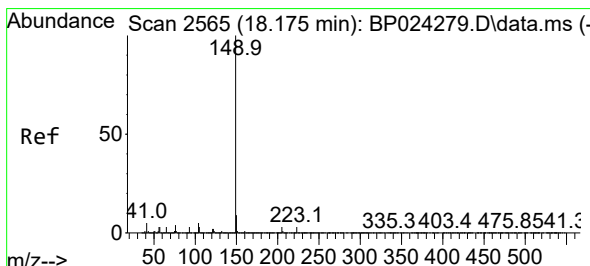
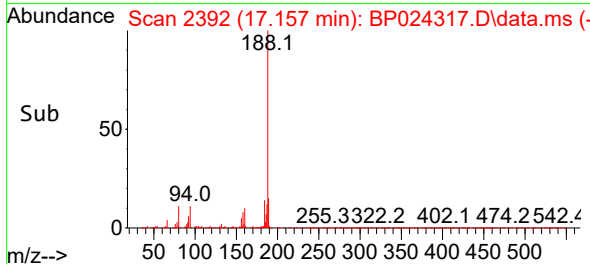
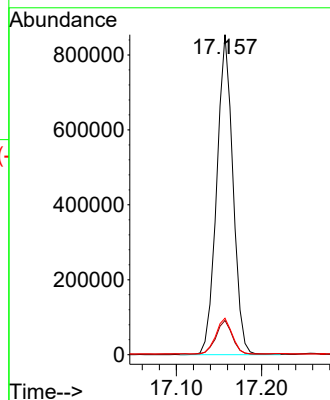
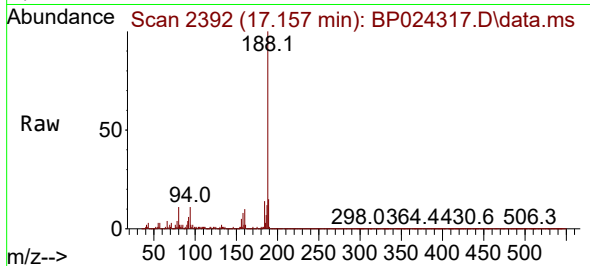




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP024317.D
Acq: 16 Apr 2025 18:38

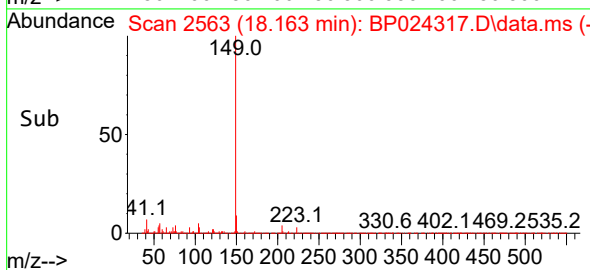
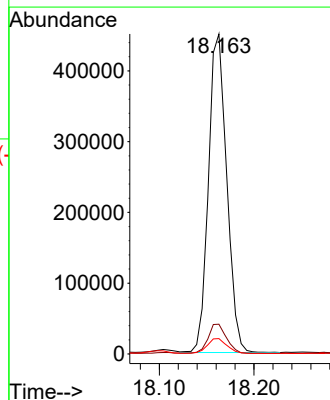
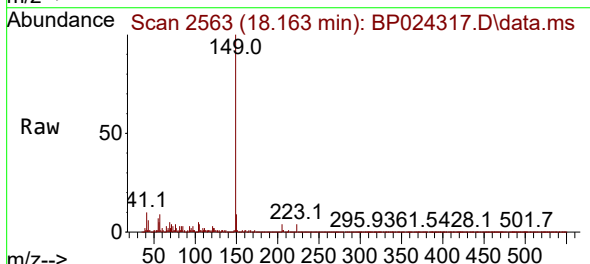
Instrument :
BNA_P
ClientSampleId :
V1207

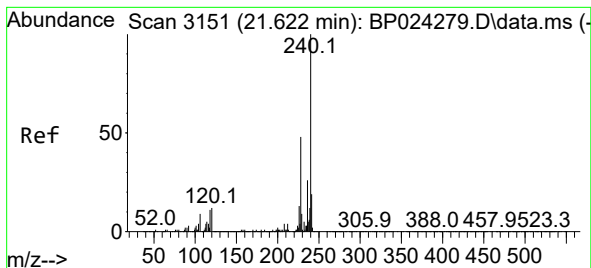
Tgt Ion:188 Resp: 1133206
Ion Ratio Lower Upper
188 100
94 10.7 8.6 13.0
80 11.4 9.8 14.6



#74
Di-n-butylphthalate
Concen: 8.301 ng
RT: 18.163 min Scan# 2563
Delta R.T. -0.029 min
Lab File: BP024317.D
Acq: 16 Apr 2025 18:38

Tgt Ion:149 Resp: 602090
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.8 3.9 5.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3151

Delta R.T. -0.012 min

Lab File: BP024317.D

Acq: 16 Apr 2025 18:38

Instrument :

BNA_P

ClientSampleId :

V1207

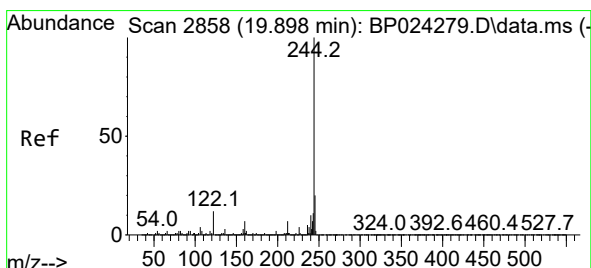
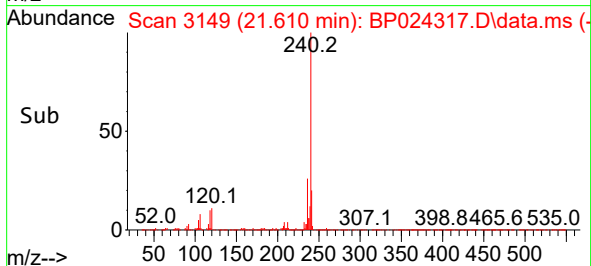
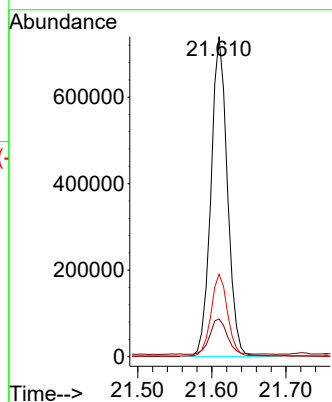
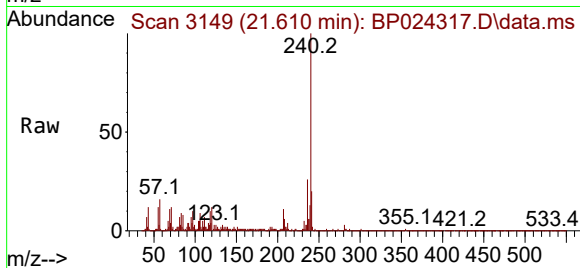
Tgt Ion:240 Resp: 1137290

Ion Ratio Lower Upper

240 100

120 11.8 9.8 14.8

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 51.372 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.041 min

Lab File: BP024317.D

Acq: 16 Apr 2025 18:38

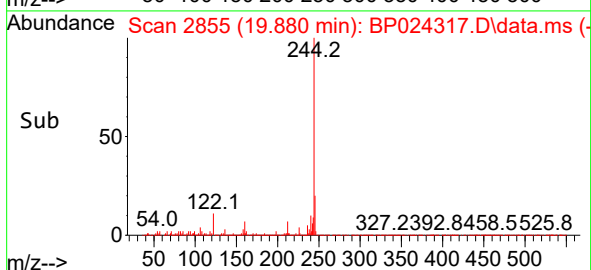
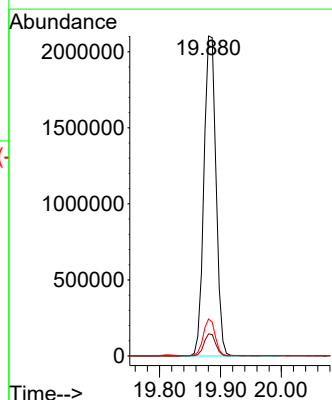
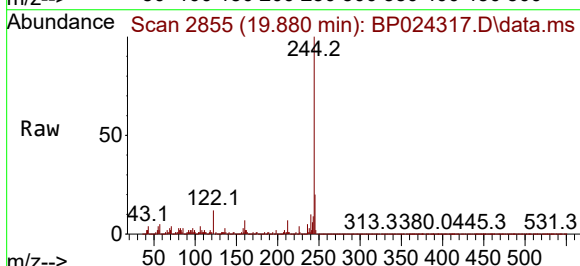
Tgt Ion:244 Resp: 2898597

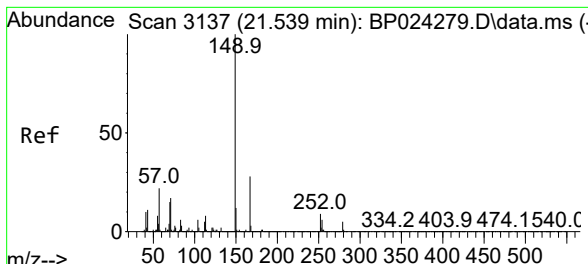
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.6 9.4 14.0

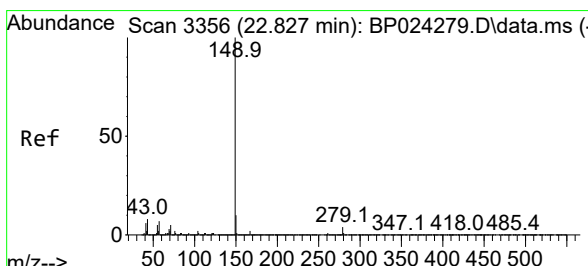
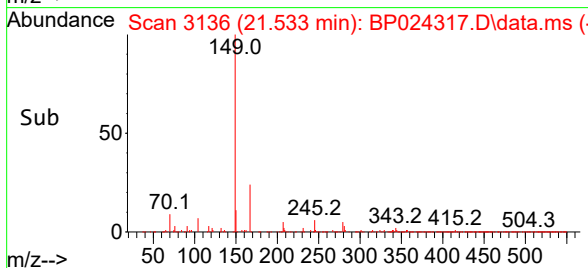
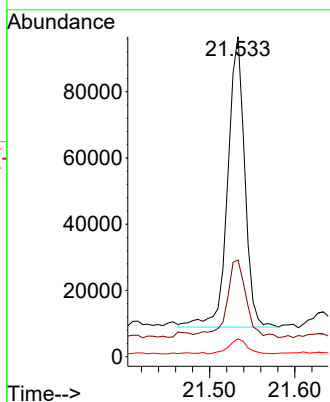
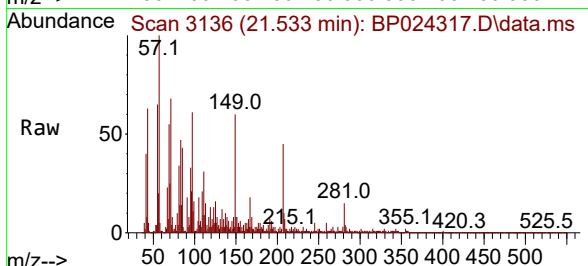




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.681 ng
 RT: 21.533 min Scan# 3136
 Delta R.T. -0.012 min
 Lab File: BP024317.D
 Acq: 16 Apr 2025 18:38

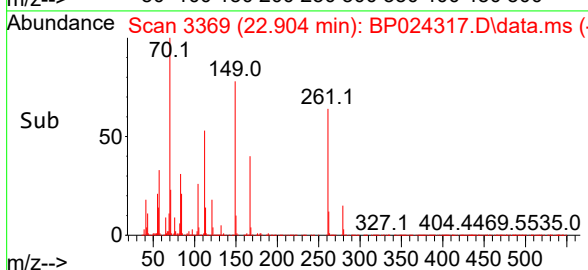
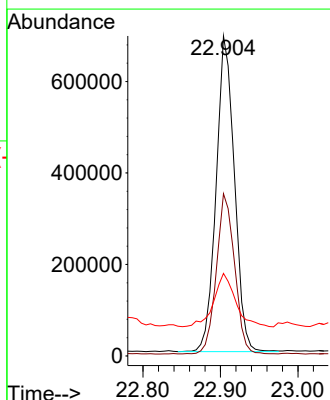
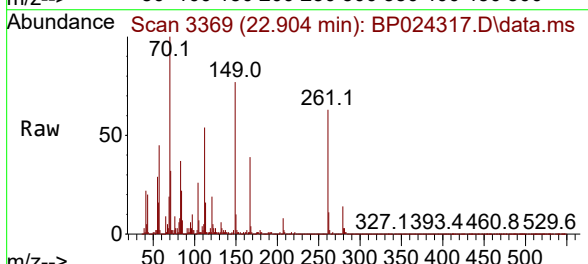
Instrument :
 BNA_P
 ClientSampleId :
 V1207

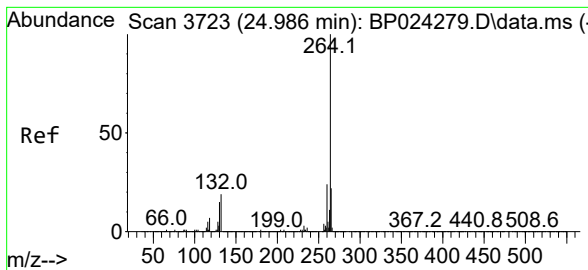
Tgt Ion:	149	Resp:	121676
Ion Ratio	Lower	Upper	
149	100		
167	30.2	22.4	33.6
279	5.5	4.0	6.0



#85
 Di-n-octyl phthalate
 Concen: 15.328 ng
 RT: 22.904 min Scan# 3369
 Delta R.T. 0.071 min
 Lab File: BP024317.D
 Acq: 16 Apr 2025 18:38

Tgt Ion:	149	Resp:	1130882
Ion Ratio	Lower	Upper	
149	100		
167	50.5	1.2	1.8#
43	20.1	6.0	9.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.980 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP024317.D
 Acq: 16 Apr 2025 18:38

Instrument :
 BNA_P
 ClientSampleId :
 V1207

Tgt Ion:264 Resp: 1428575

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.2	17.8	26.6

