

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024347.D
 Acq On : 18 Apr 2025 18:07
 Operator : RC/JU
 Sample : Q1832-19MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-04MSD

Quant Time: Apr 19 02:52:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	185058	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	707470	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	408427	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	785894	20.000	ng	0.01
76) Chrysene-d12	21.604	240	916621	20.000	ng	0.01
86) Perylene-d12	24.945	264	1099919	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1130331	100.993	ng	0.00
7) Phenol-d6	6.911	99	1445403	94.315	ng	0.00
23) Nitrobenzene-d5	8.869	82	857385	69.104	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	582719	103.121	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1764455	66.146	ng	0.00
79) Terphenyl-d14	19.886	244	2820222	62.016	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	181421	38.322	ng	98
3) Pyridine	3.681	79	471760	37.739	ng	98
4) n-Nitrosodimethylamine	3.587	42	178047	42.916	ng	94
6) Aniline	7.064	93	420767	30.725	ng	99
8) 2-Chlorophenol	7.299	128	540162	43.227	ng	99
9) Benzaldehyde	6.875	77	281083	37.078	ng	100
10) Phenol	6.934	94	664045	43.194	ng	97
11) bis(2-Chloroethyl)ether	7.152	93	500023	40.368	ng	97
12) 1,3-Dichlorobenzene	7.611	146	579561	43.081	ng	99
13) 1,4-Dichlorobenzene	7.758	146	582259	42.658	ng	100
14) 1,2-Dichlorobenzene	8.075	146	560154	42.500	ng	99
15) Benzyl Alcohol	7.963	79	415577	41.931	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	554570	41.421	ng	100
17) 2-Methylphenol	8.169	107	436781	43.919	ng	100
18) Hexachloroethane	8.793	117	216320	43.853	ng	97
19) n-Nitroso-di-n-propyla...	8.522	70	359678	37.936	ng	99
20) 3+4-Methylphenols	8.493	107	573406	41.553	ng	99
22) Acetophenone	8.534	105	751225	42.902	ng	99
24) Nitrobenzene	8.910	77	540903	44.070	ng	99
25) Isophorone	9.434	82	985280	43.873	ng	98
26) 2-Nitrophenol	9.616	139	275600	45.884	ng	99
27) 2,4-Dimethylphenol	9.681	122	471469	62.513	ng	99
28) bis(2-Chloroethoxy)met...	9.910	93	632872	41.716	ng	100
29) 2,4-Dichlorophenol	10.152	162	461226	44.852	ng	98
30) 1,2,4-Trichlorobenzene	10.363	180	493484	44.790	ng	99
31) Naphthalene	10.546	128	1555269	41.733	ng	99
32) Benzoic acid	9.816	122	315991	35.957	ng	99
33) 4-Chloroaniline	10.663	127	216307	16.482	ng	98
34) Hexachlorobutadiene	10.834	225	300659	46.438	ng	97
35) Caprolactam	11.446	113	153225	40.382	ng	98
36) 4-Chloro-3-methylphenol	11.787	107	495857	41.398	ng	99
37) 2-Methylnaphthalene	12.157	142	955312	36.963	ng	99
38) 1-Methylnaphthalene	12.375	142	1011221	39.995	ng	99
40) 1,2,4,5-Tetrachloroben...	12.528	216	526410	46.868	ng	99
41) Hexachlorocyclopentadiene	12.510	237	741418	186.643	ng	99
43) 2,4,6-Trichlorophenol	12.775	196	352150	47.158	ng	97

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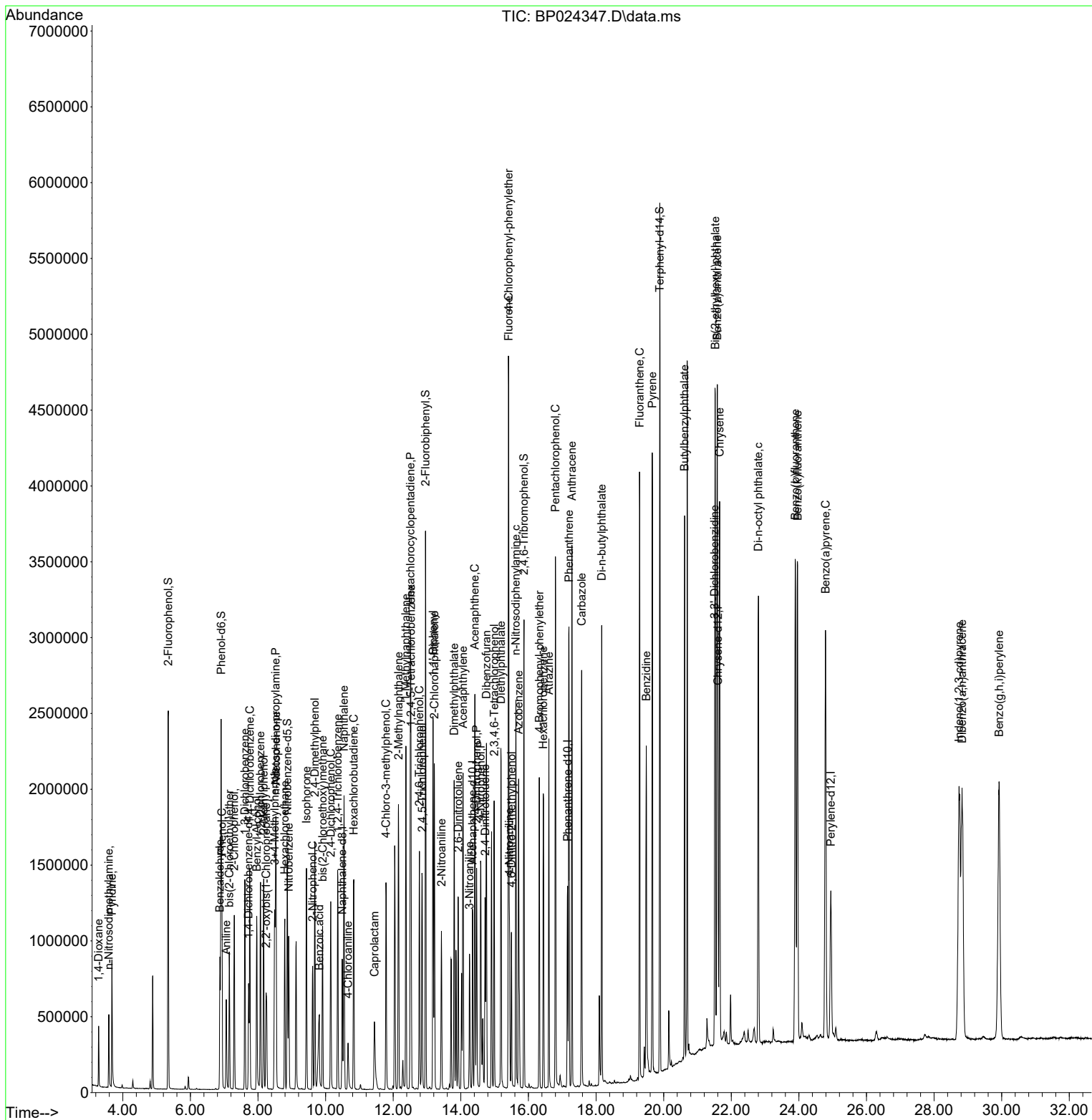
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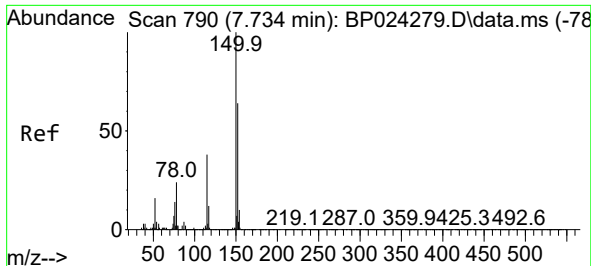
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 QLast Update : Fri Apr 18 12:04:48 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	387879	46.906	ng	99
46) 1,1'-Biphenyl	13.181	154	1324294	44.111	ng	99
47) 2-Chloronaphthalene	13.216	162	1013456	45.168	ng	98
48) 2-Nitroaniline	13.428	65	295486	46.948	ng	98
49) Acenaphthylene	14.069	152	1689529	47.826	ng	100
50) Dimethylphthalate	13.804	163	1266830	42.652	ng	100
51) 2,6-Dinitrotoluene	13.922	165	278736	44.194	ng	98
52) Acenaphthene	14.416	154	961469	42.931	ng	99
53) 3-Nitroaniline	14.257	138	249400	37.624	ng	99
54) 2,4-Dinitrophenol	14.469	184	350692	94.395	ng	95
55) Dibenzofuran	14.757	168	1504732	41.104	ng	98
56) 4-Nitrophenol	14.593	139	547349	95.607	ng	98
57) 2,4-Dinitrotoluene	14.722	165	396646	46.103	ng	97
58) Fluorene	15.416	166	1230616	43.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	340738	44.676	ng	100
60) Diethylphthalate	15.187	149	1408027	46.002	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	587926	42.722	ng	98
62) 4-Nitroaniline	15.440	138	319623	45.547	ng	94
63) Azobenzene	15.710	77	1311317	46.612	ng	99
65) 4,6-Dinitro-2-methylph...	15.498	198	223783	45.165	ng	97
66) n-Nitrosodiphenylamine	15.628	169	1052919	44.887	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	383831	44.657	ng	100
68) Hexachlorobenzene	16.439	284	463592	45.390	ng	97
69) Atrazine	16.604	200	369240	61.804	ng	100
70) Pentachlorophenol	16.798	266	658396	92.404	ng	100
71) Phenanthrene	17.198	178	1910432	44.561	ng	100
72) Anthracene	17.287	178	1919322	46.450	ng	100
73) Carbazole	17.575	167	1845082	45.700	ng	100
74) Di-n-butylphthalate	18.169	149	2263263	44.995	ng	100
75) Fluoranthene	19.286	202	2285506	44.823	ng	100
77) Benzidine	19.486	184	1528339	131.539	ng	99
78) Pyrene	19.663	202	2407621	41.331	ng	99
80) Butylbenzylphthalate	20.622	149	1116005	44.728	ng	99
81) Benzo(a)anthracene	21.586	228	2590264	45.464	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	632248	31.617	ng	99
83) Chrysene	21.657	228	2398617	43.944	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	1588560	43.431	ng	100
85) Di-n-octyl phthalate	22.804	149	2826145	47.527	ng	99
87) Indeno(1,2,3-cd)pyrene	28.739	276	3699444	48.447	ng	94
88) Benzo(b)fluoranthene	23.898	252	2849850	43.225	ng	98
89) Benzo(k)fluoranthene	23.963	252	2770299	43.500	ng	98
90) Benzo(a)pyrene	24.792	252	2740672	48.191	ng	98
91) Dibenzo(a,h)anthracene	28.827	278	3013188	47.540	ng	99
92) Benzo(g,h,i)perylene	29.921	276	2984208	46.257	ng	99

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

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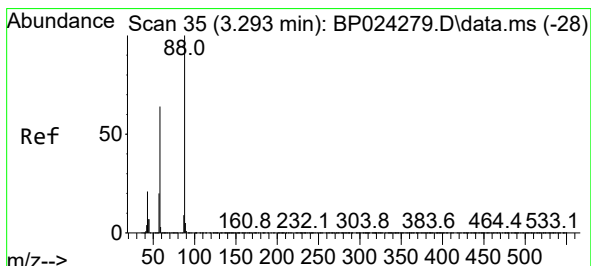
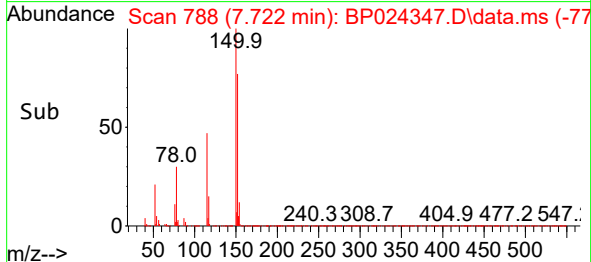
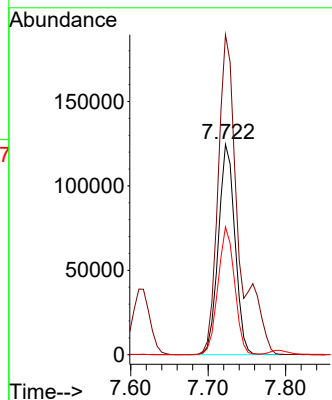
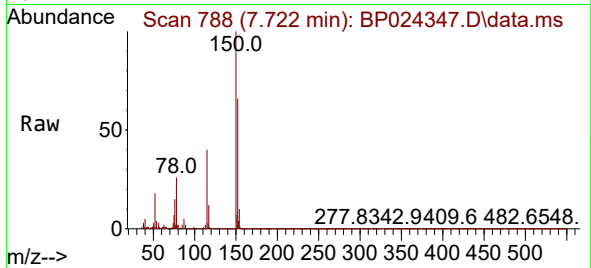




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

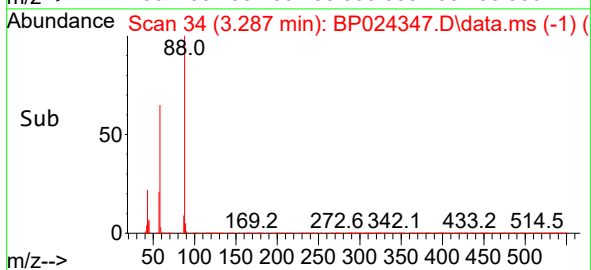
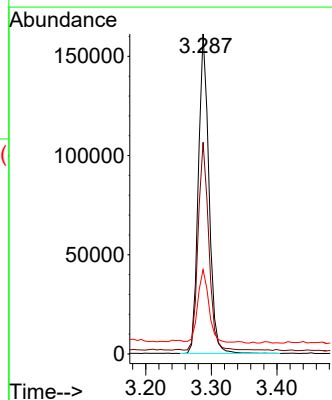
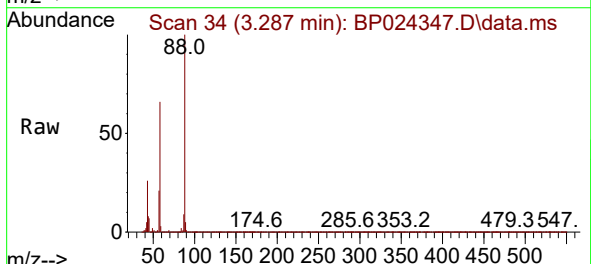
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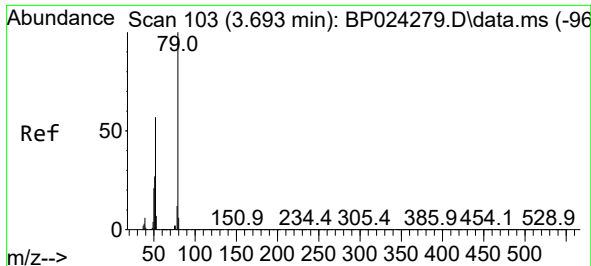
Tgt Ion:152 Resp: 185058
Ion Ratio Lower Upper
152 100
150 152.0 124.9 187.3
115 60.8 47.7 71.5



#2
1,4-Dioxane
Concen: 38.322 ng
RT: 3.287 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion: 88 Resp: 181421
Ion Ratio Lower Upper
88 100
58 65.8 51.4 77.2
43 23.2 17.1 25.7

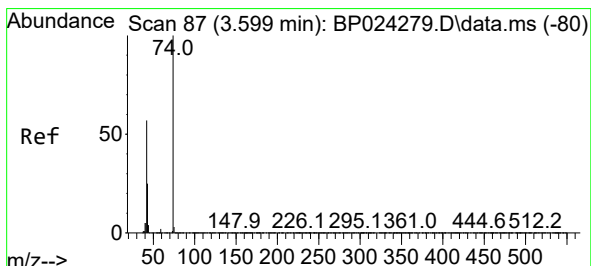
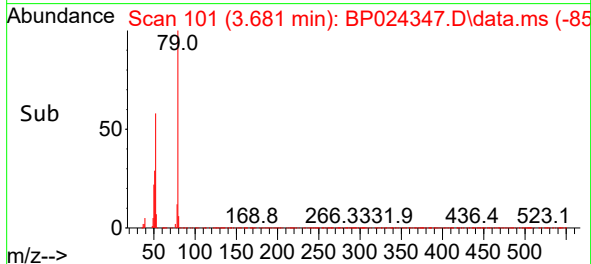
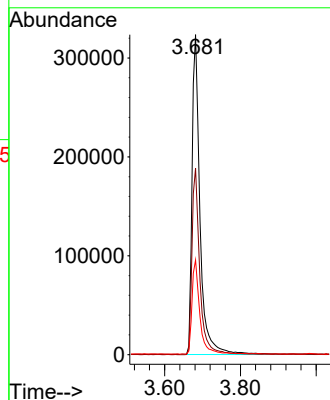
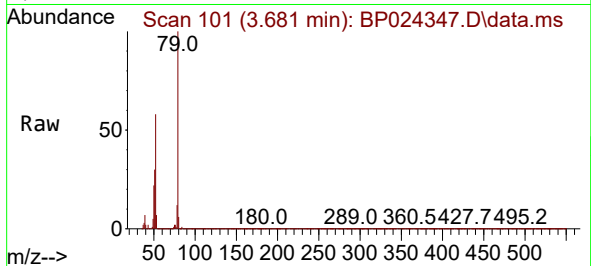




#3
Pyridine
Concen: 37.739 ng
RT: 3.681 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

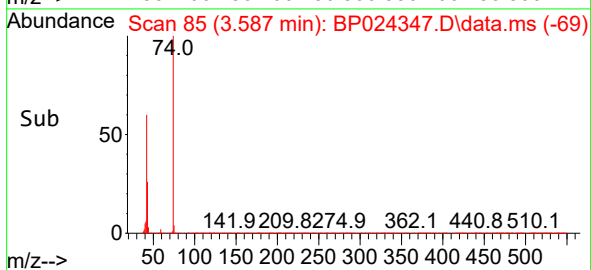
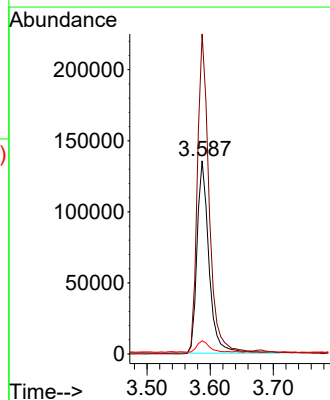
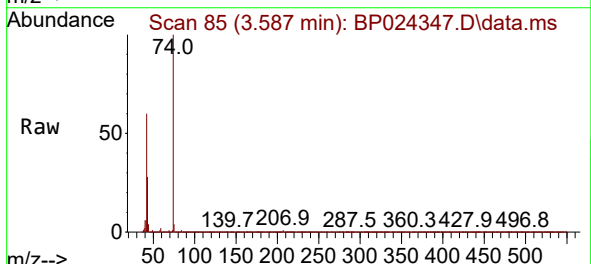
Instrument :
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ClientSampleId :
PL-714-COMP-04MSD

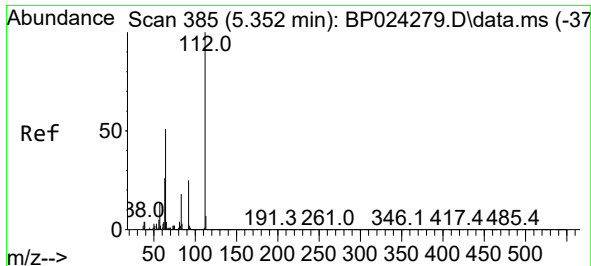
Tgt Ion: 79 Resp: 471760
Ion Ratio Lower Upper
79 100
52 58.3 45.4 68.2
51 29.6 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 42.916 ng
RT: 3.587 min Scan# 85
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion: 42 Resp: 178047
Ion Ratio Lower Upper
42 100
74 165.6 139.5 209.3
44 6.8 5.8 8.8

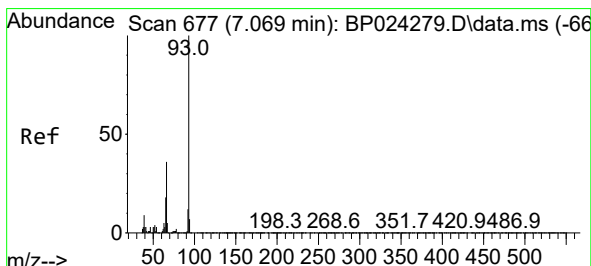
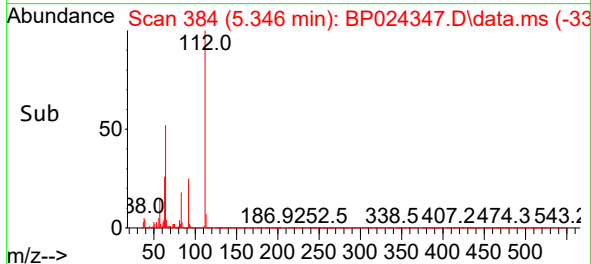
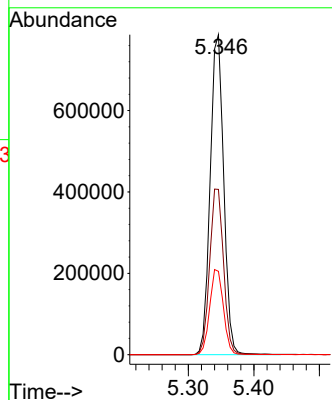
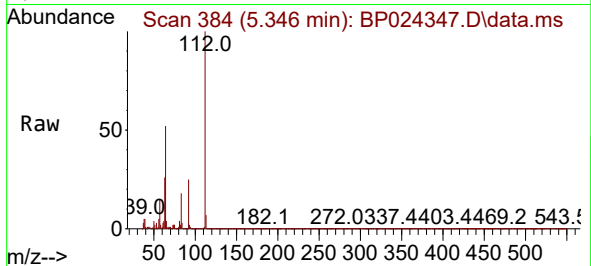




#5
2-Fluorophenol
Concen: 100.993 ng
RT: 5.346 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

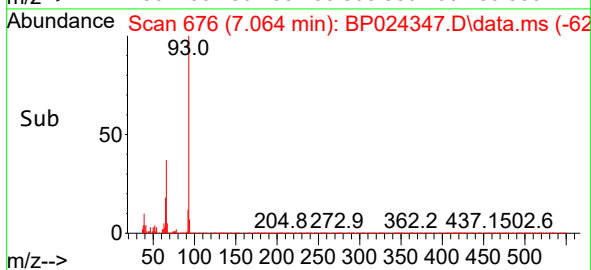
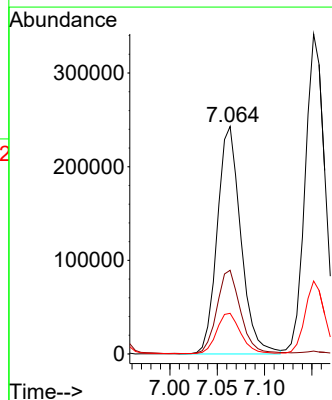
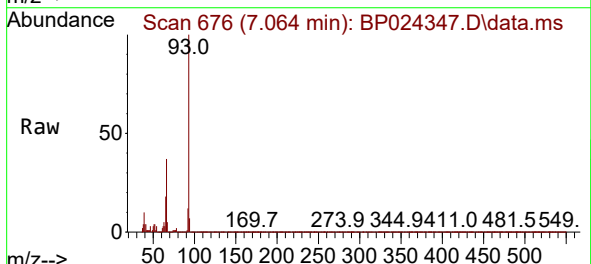
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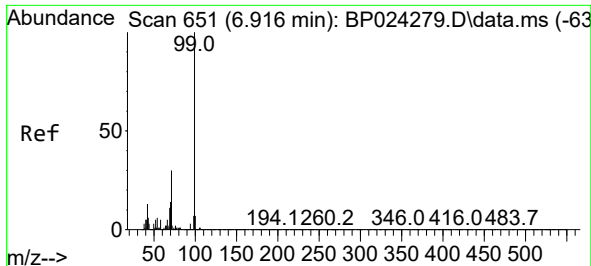
Tgt Ion:112 Resp: 1130331
Ion Ratio Lower Upper
112 100
64 51.7 41.1 61.7
63 26.1 20.6 30.8



#6
Aniline
Concen: 30.725 ng
RT: 7.064 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion: 93 Resp: 420767
Ion Ratio Lower Upper
93 100
66 36.8 29.1 43.7
65 17.9 14.7 22.1

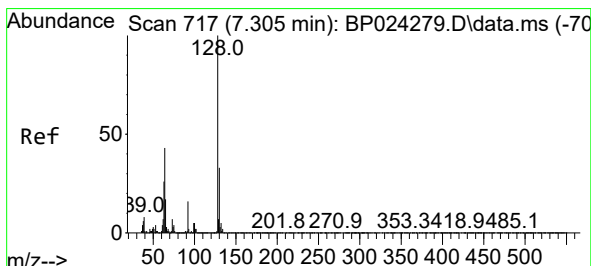
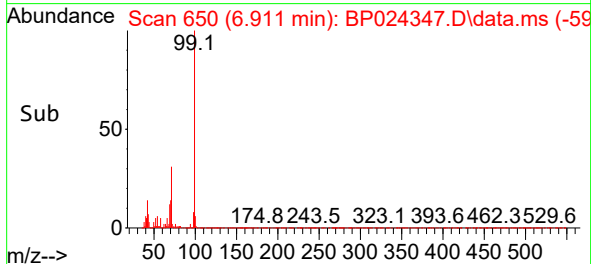
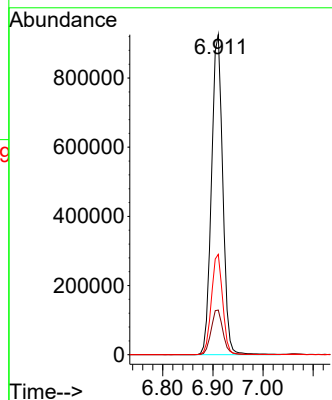
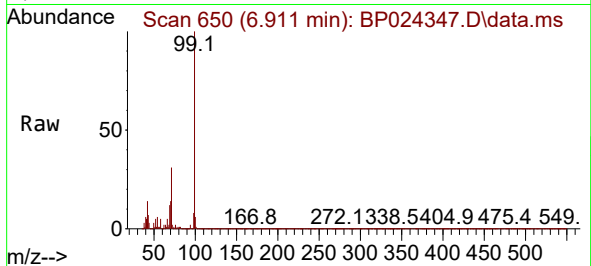




#7
Phenol-d6
Concen: 94.315 ng
RT: 6.911 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

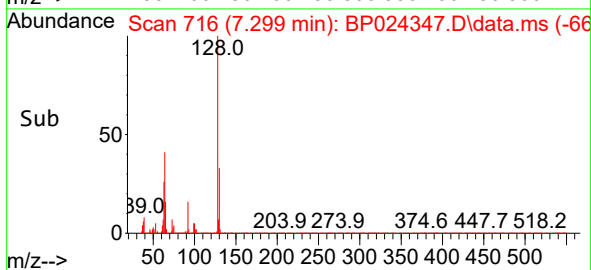
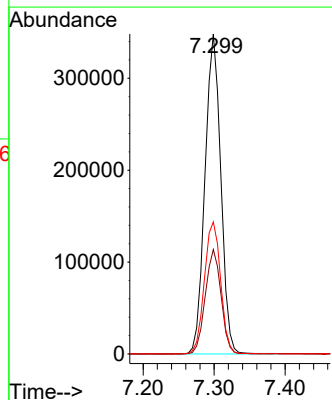
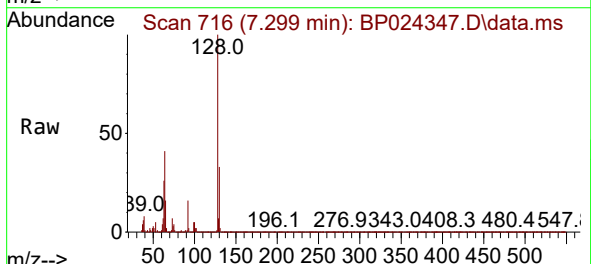
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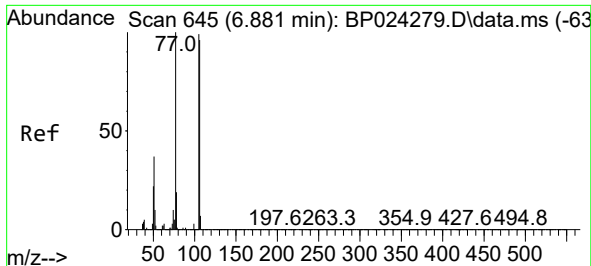
Tgt Ion: 99 Resp: 1445403
Ion Ratio Lower Upper
99 100
42 13.9 10.6 16.0
71 31.3 23.7 35.5



#8
2-Chlorophenol
Concen: 43.227 ng
RT: 7.299 min Scan# 716
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:128 Resp: 540162
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 41.3 22.7 62.7

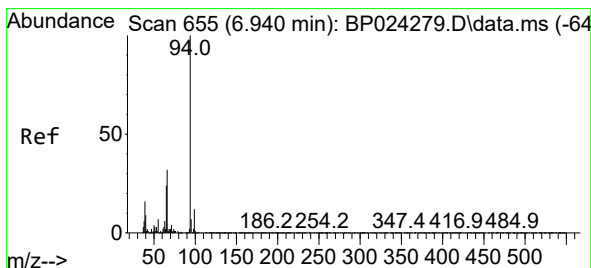
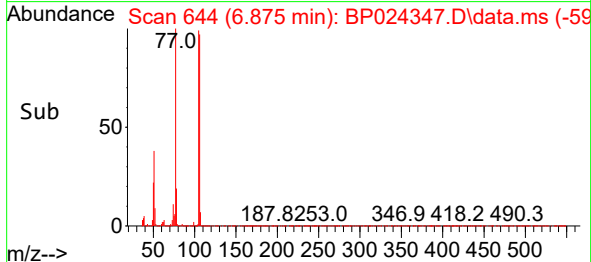
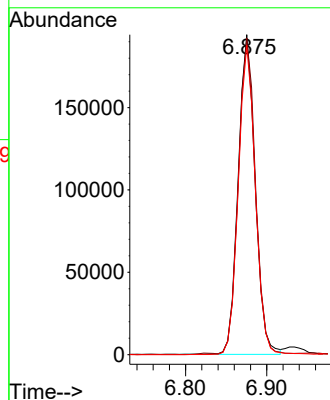
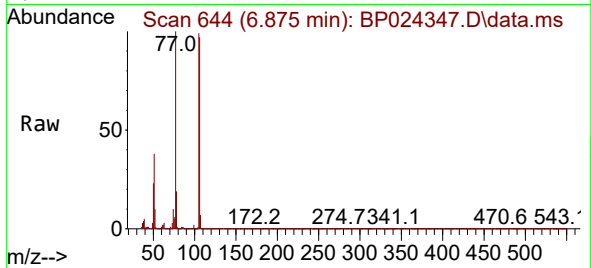




#9
Benzaldehyde
Concen: 37.078 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

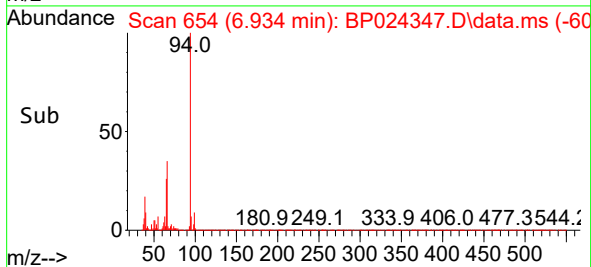
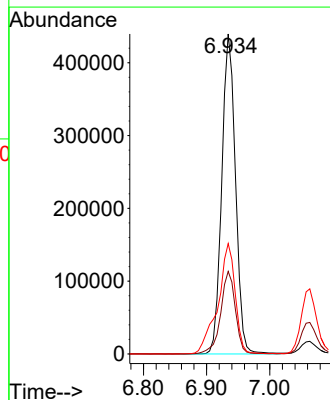
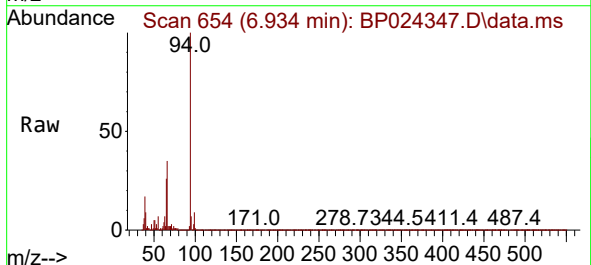
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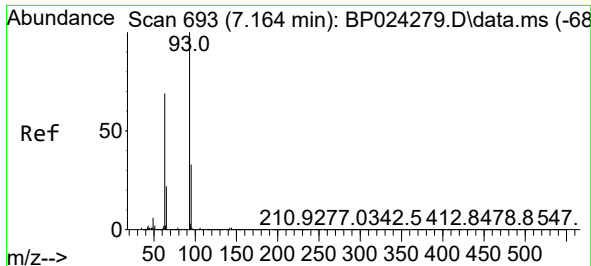
Tgt Ion: 77 Resp: 281083
Ion Ratio Lower Upper
77 100
105 99.0 79.2 119.2
106 96.7 76.2 116.2



#10
Phenol
Concen: 43.194 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion: 94 Resp: 664045
Ion Ratio Lower Upper
94 100
65 25.8 4.5 44.5
66 34.5 12.4 52.4

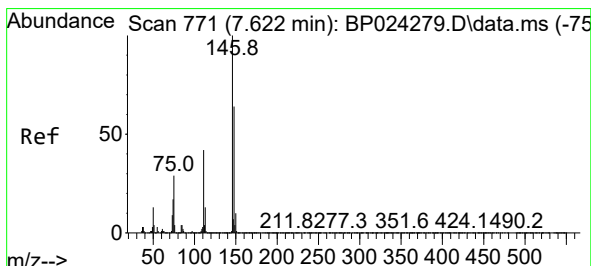
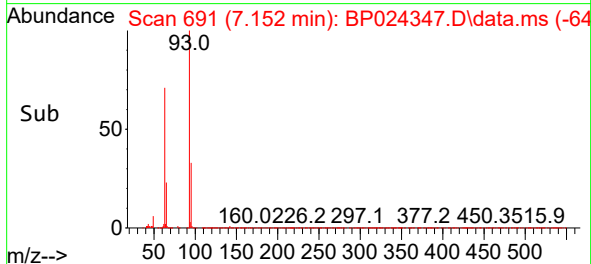
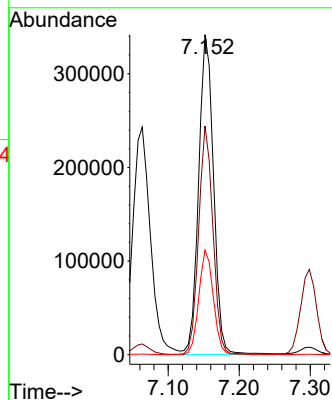
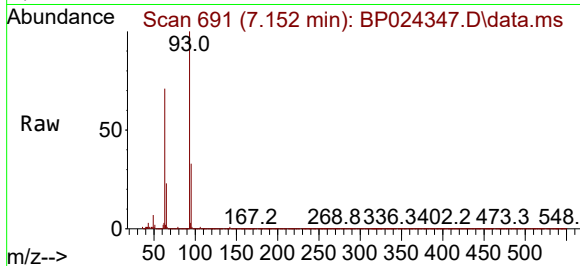




#11
bis(2-Chloroethyl)ether
Concen: 40.368 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

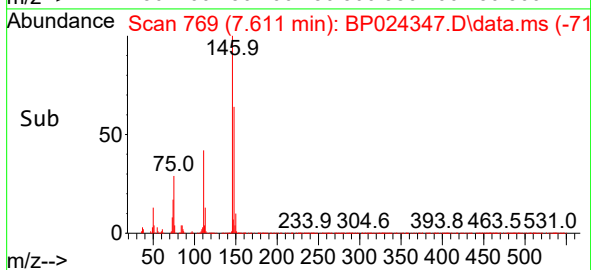
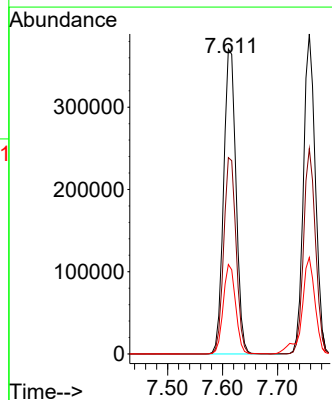
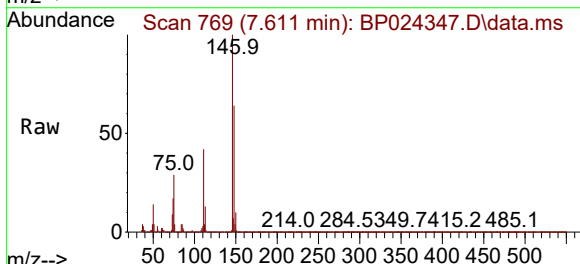
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

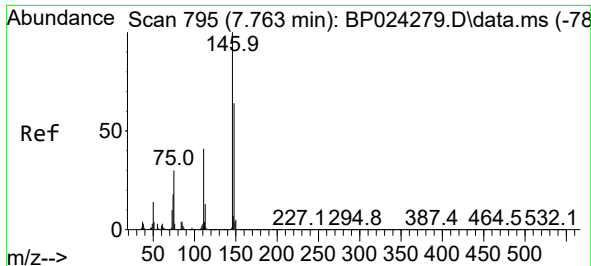
Tgt Ion: 93 Resp: 500023
Ion Ratio Lower Upper
93 100
63 71.5 48.6 88.6
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.081 ng
RT: 7.611 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion: 146 Resp: 579561
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 29.4 22.9 34.3

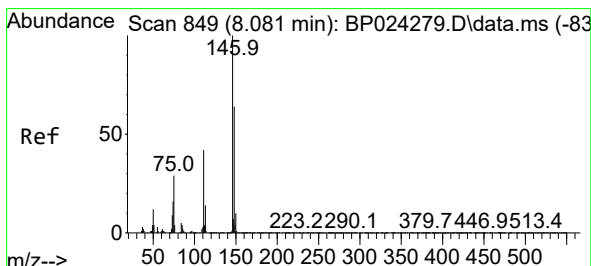
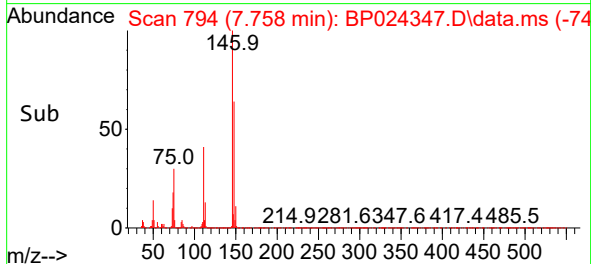
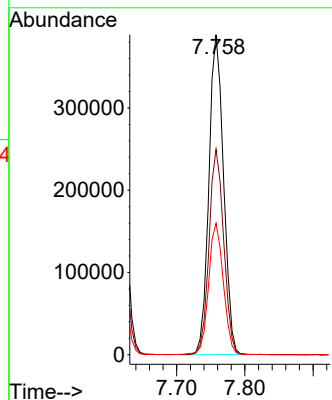
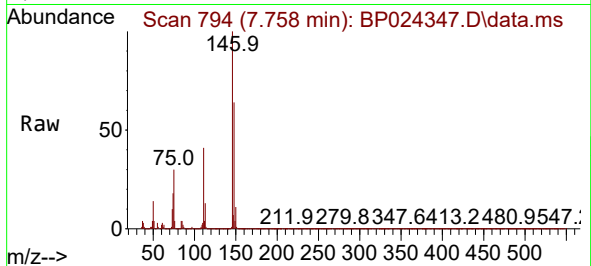




#13
1,4-Dichlorobenzene
Concen: 42.658 ng
RT: 7.758 min Scan# 794
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

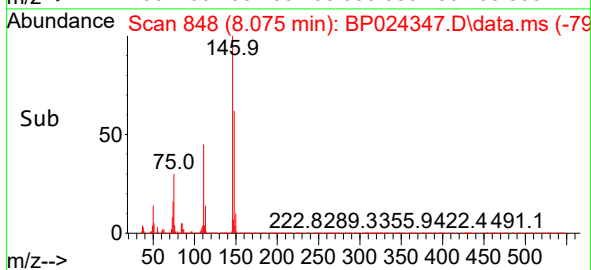
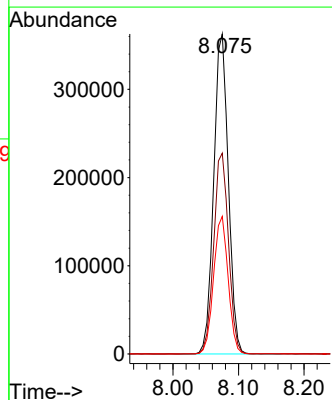
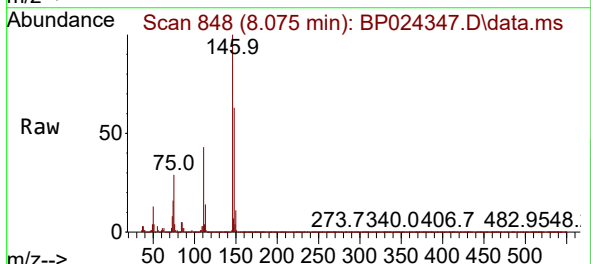
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

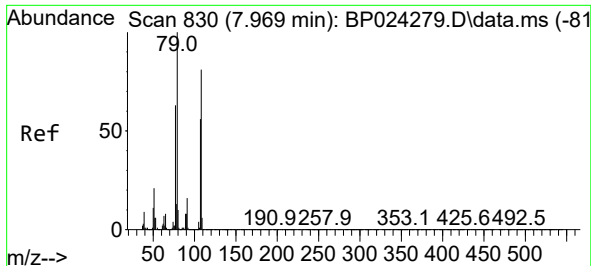
Tgt Ion:146 Resp: 582259
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 41.0 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 42.500 ng
RT: 8.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:146 Resp: 560154
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.4
111 43.0 33.8 50.8

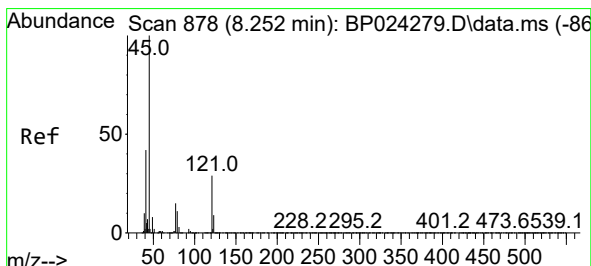
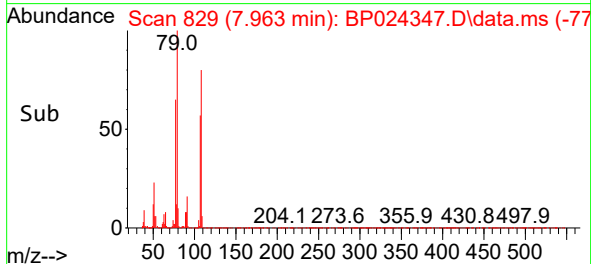
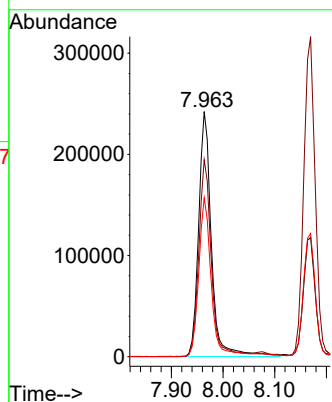
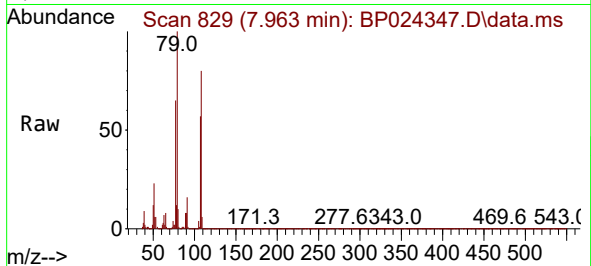




#15
Benzyl Alcohol
Concen: 41.931 ng
RT: 7.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

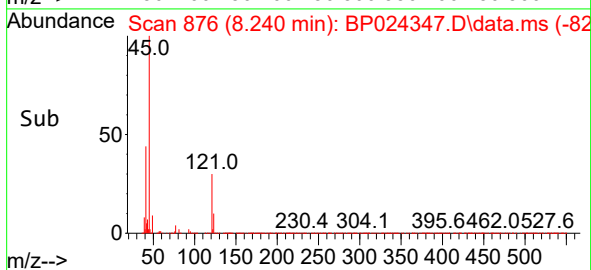
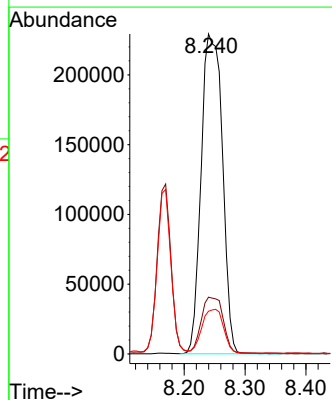
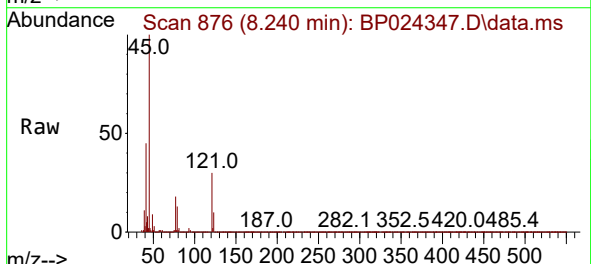
Instrument :
BNA_P
ClientSampleId :
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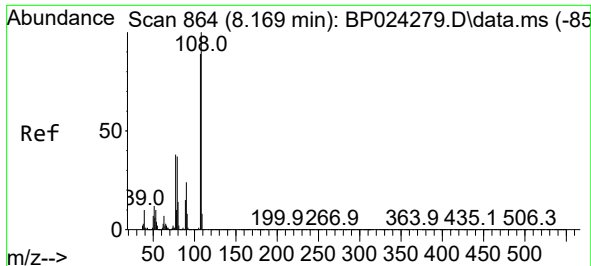
Tgt Ion: 79 Resp: 415577
Ion Ratio Lower Upper
79 100
108 80.3 65.1 97.7
77 64.8 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.421 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion: 45 Resp: 554570
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 13.4 0.0 33.5

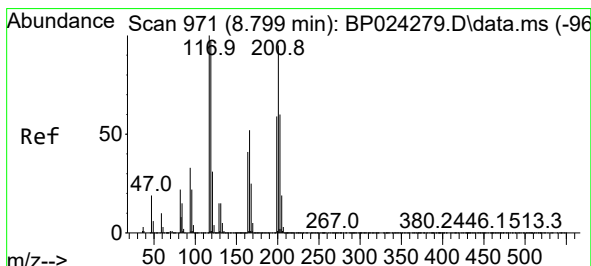
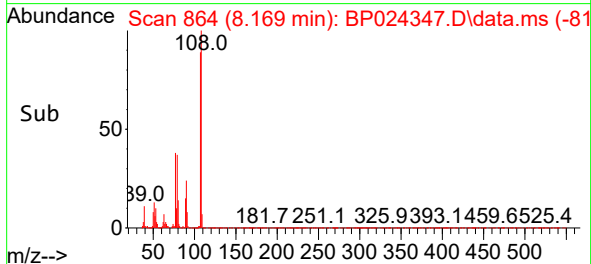
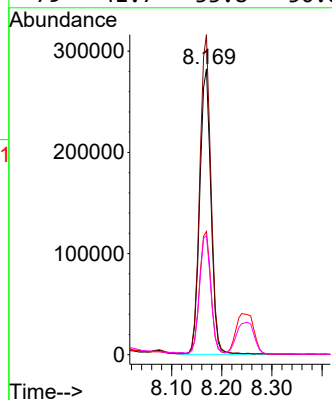
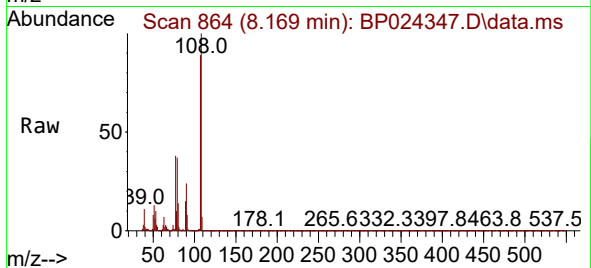




#17
2-Methylphenol
Concen: 43.919 ng
RT: 8.169 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

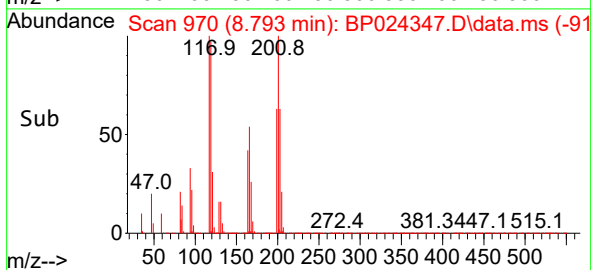
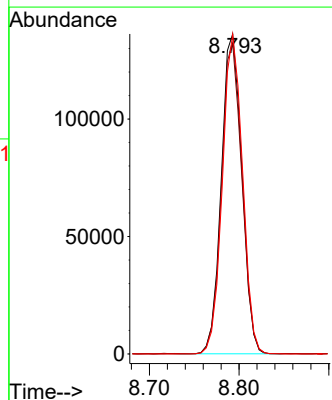
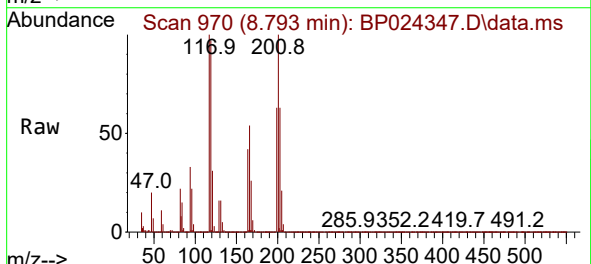
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

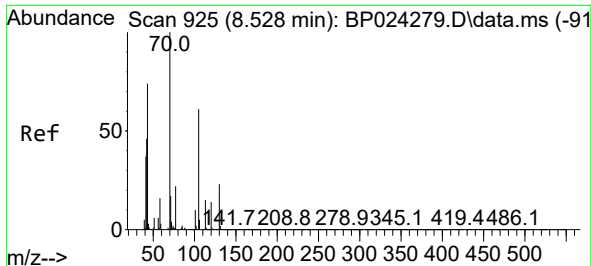
Tgt Ion:107 Resp: 436781
Ion Ratio Lower Upper
107 100
108 112.0 89.8 134.6
77 43.1 34.2 51.4
79 41.7 33.8 50.8



#18
Hexachloroethane
Concen: 43.853 ng
RT: 8.793 min Scan# 970
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:117 Resp: 216320
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6
201 99.9 75.9 113.9

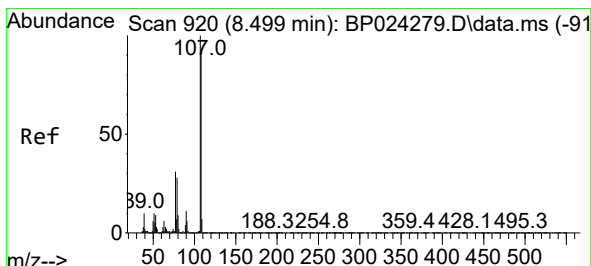
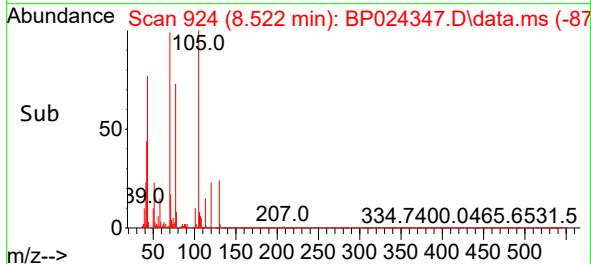
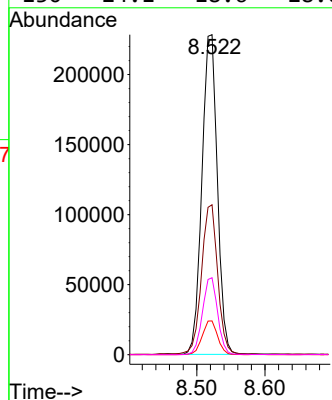
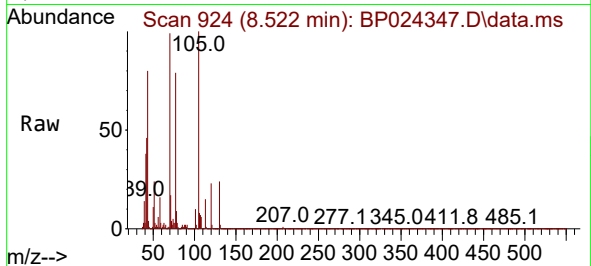




#19
n-Nitroso-di-n-propylamine
Concen: 37.936 ng
RT: 8.522 min Scan# 919
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

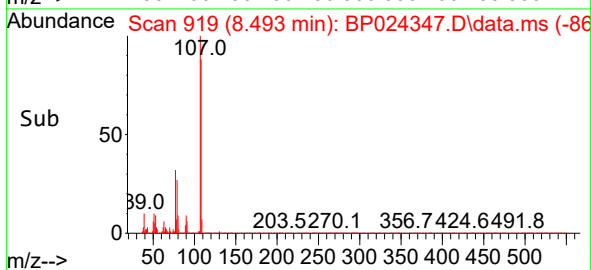
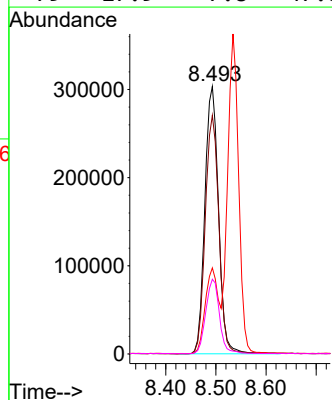
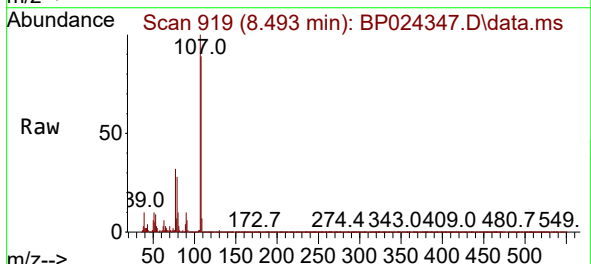
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

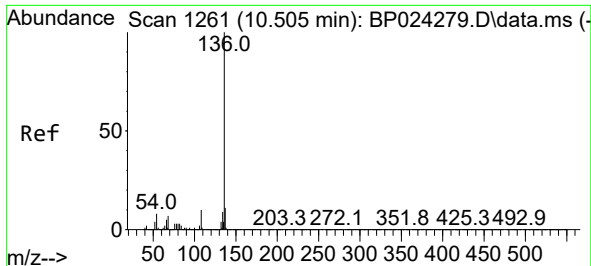
Tgt Ion: 70 Resp: 359678
Ion Ratio Lower Upper
70 100
42 46.8 37.3 55.9
101 10.6 8.2 12.4
130 24.1 18.6 28.0



#20
3+4-Methylphenols
Concen: 41.553 ng
RT: 8.493 min Scan# 919
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion: 107 Resp: 573406
Ion Ratio Lower Upper
107 100
108 89.2 69.8 109.8
77 32.2 11.5 51.5
79 27.9 7.8 47.8

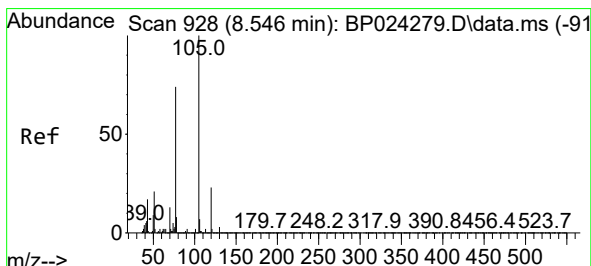
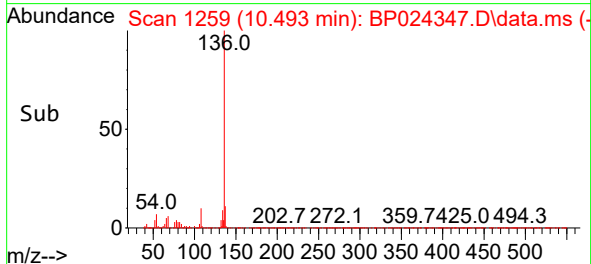
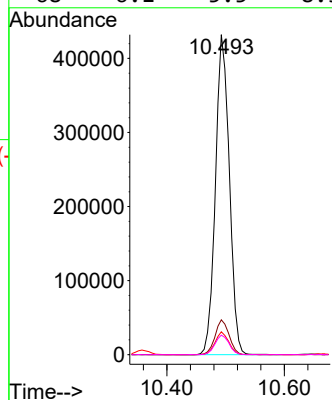
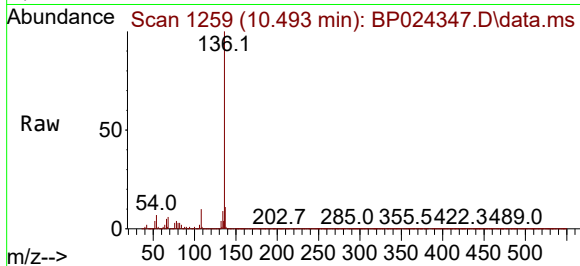




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

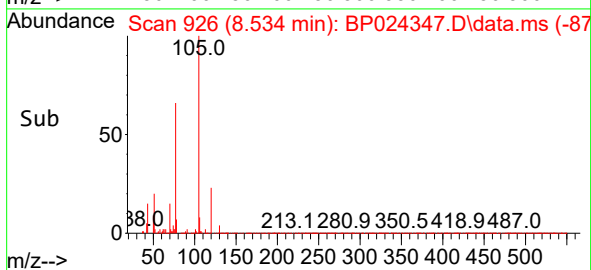
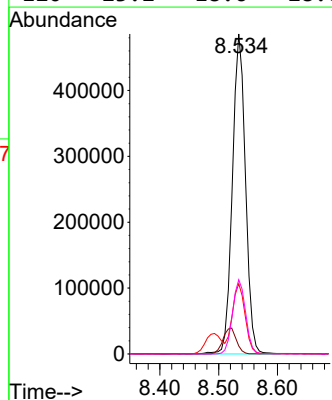
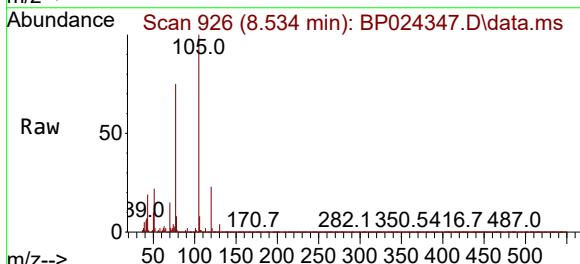
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

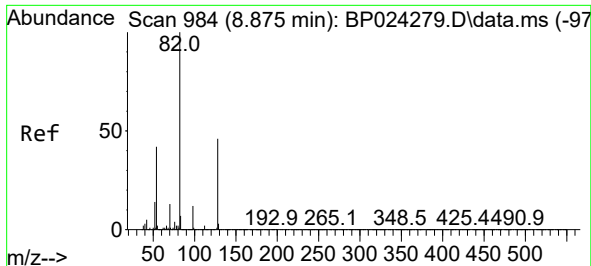
Tgt Ion:	136	Resp:	707470
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.1	6.0	9.0
68	6.1	5.5	8.3



#22
Acetophenone
Concen: 42.902 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:	105	Resp:	751225
Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.7	2.5
51	21.9	16.9	25.3
120	23.2	18.6	28.0

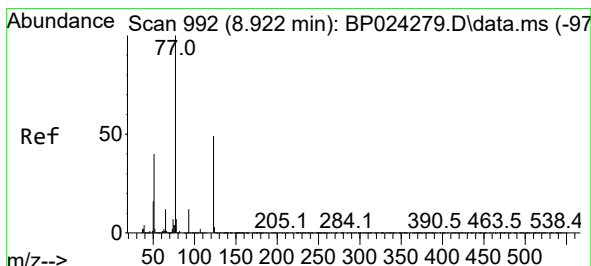
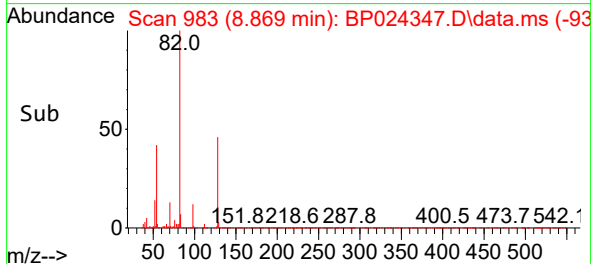
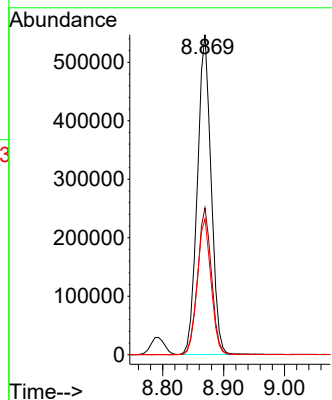
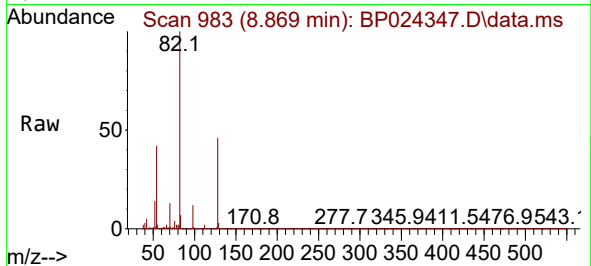




#23
Nitrobenzene-d5
Concen: 69.104 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

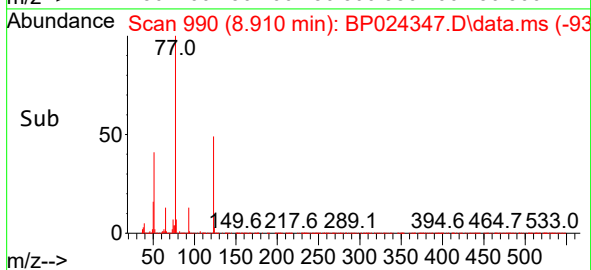
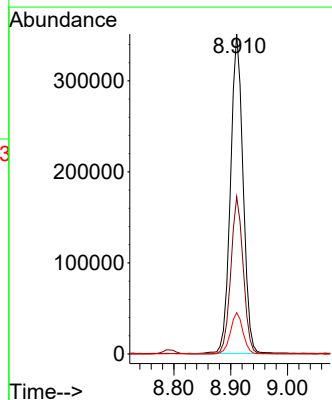
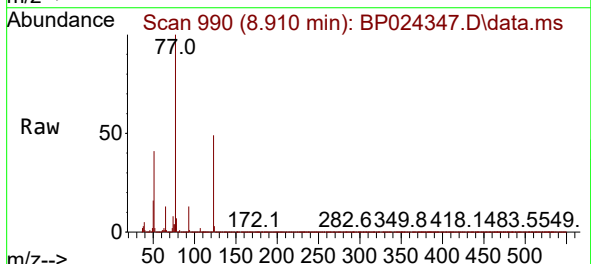
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

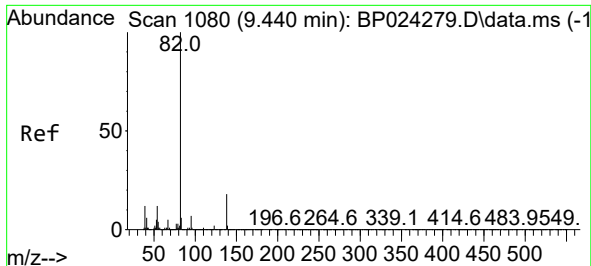
Tgt Ion: 82 Resp: 857385
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 42.5 33.4 50.2



#24
Nitrobenzene
Concen: 44.070 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion: 77 Resp: 540903
Ion Ratio Lower Upper
77 100
123 49.2 39.2 58.8
65 12.9 9.8 14.6

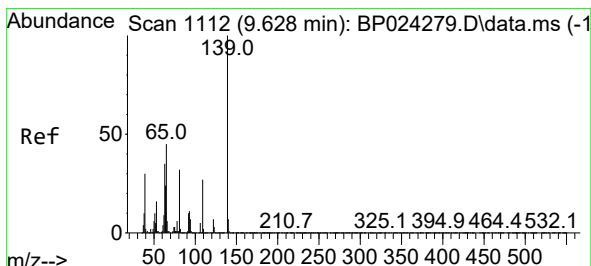
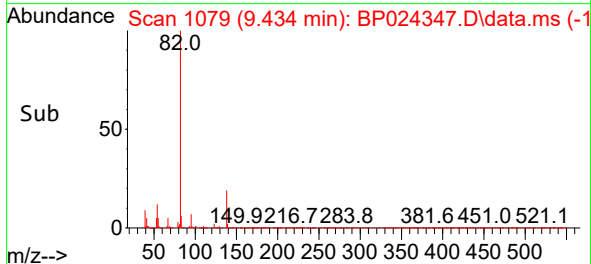
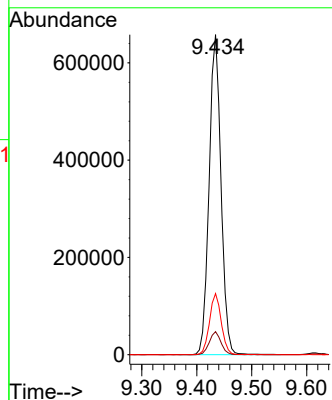
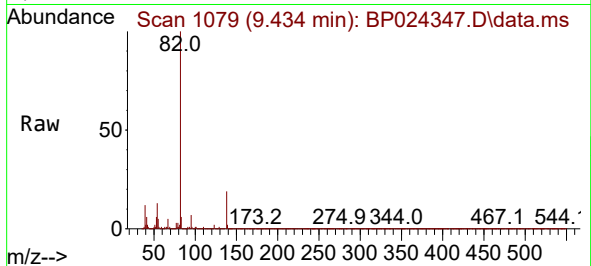




#25
Isophorone
Concen: 43.873 ng
RT: 9.434 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

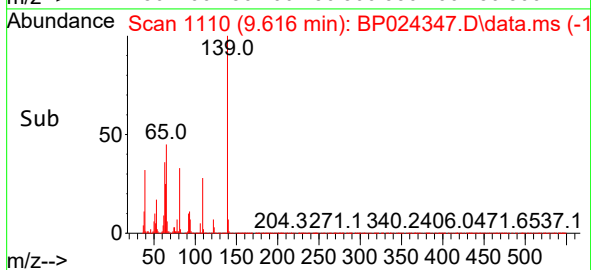
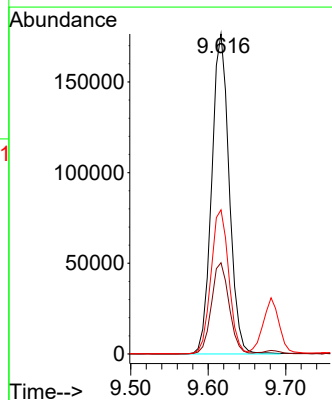
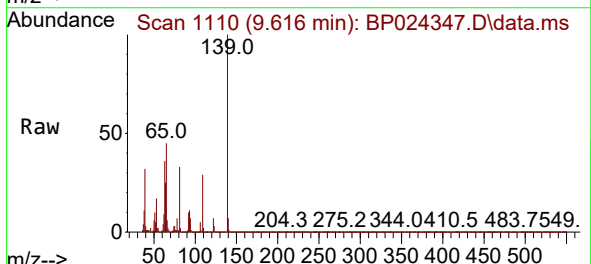
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

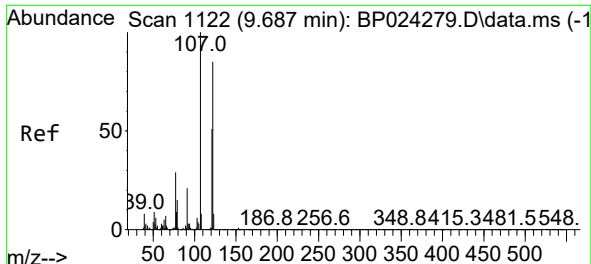
Tgt Ion: 82 Resp: 985280
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 19.1 14.4 21.6



#26
2-Nitrophenol
Concen: 45.884 ng
RT: 9.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:139 Resp: 275600
Ion Ratio Lower Upper
139 100
109 28.5 21.8 32.6
65 45.1 36.2 54.2

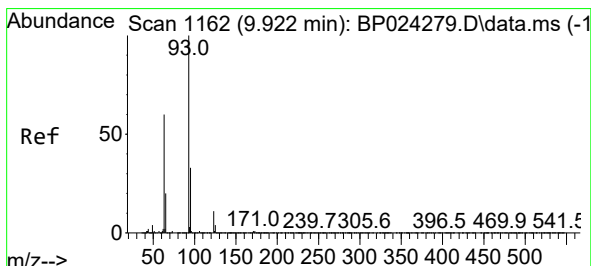
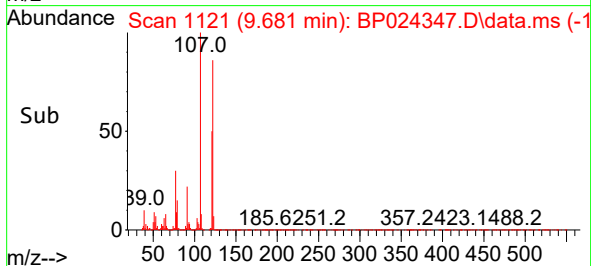
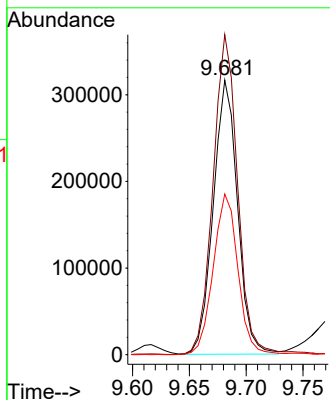
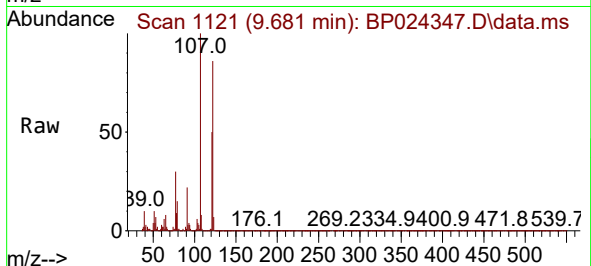




#27
2,4-Dimethylphenol
Concen: 62.513 ng
RT: 9.681 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

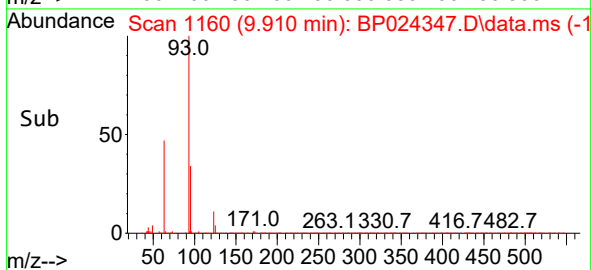
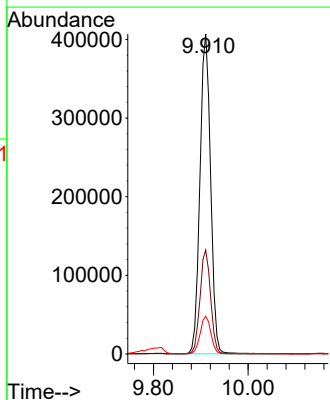
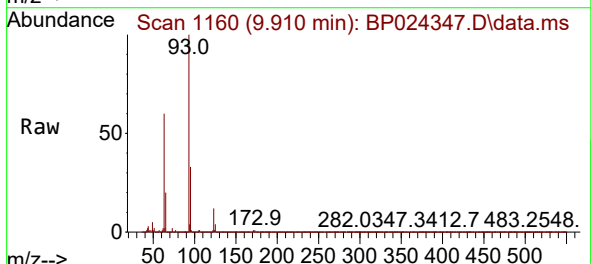
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

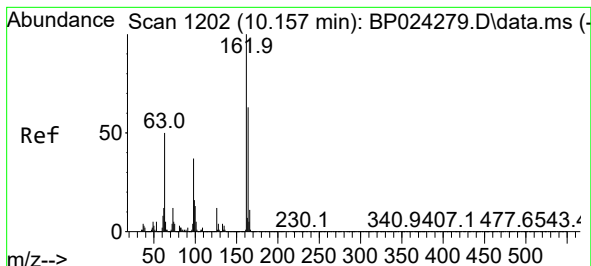
Tgt Ion:122 Resp: 471469
Ion Ratio Lower Upper
122 100
107 116.6 93.7 140.5
121 58.5 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 41.716 ng
RT: 9.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion: 93 Resp: 632872
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.852 ng

RT: 10.152 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

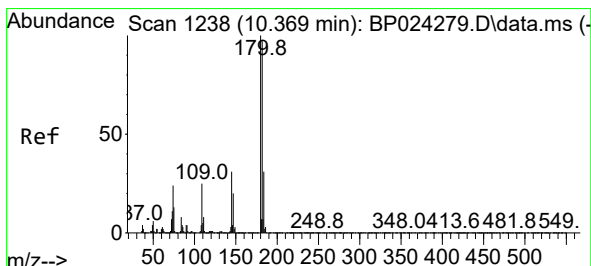
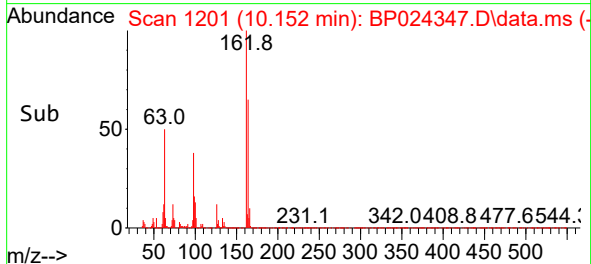
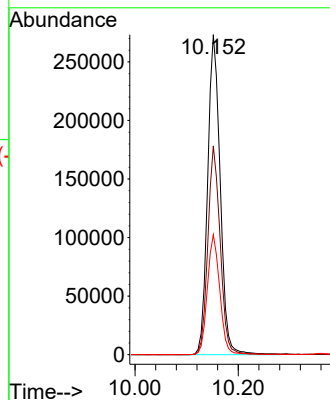
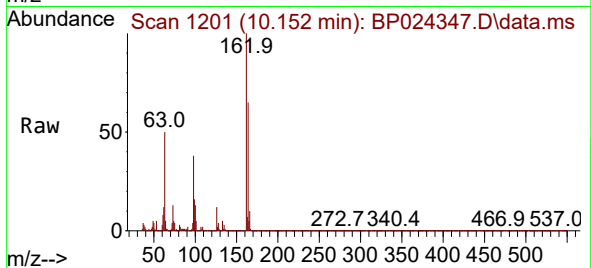
Tgt Ion:162 Resp: 461226

Ion Ratio Lower Upper

162 100

164 65.2 43.3 83.3

98 37.5 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 44.790 ng

RT: 10.363 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

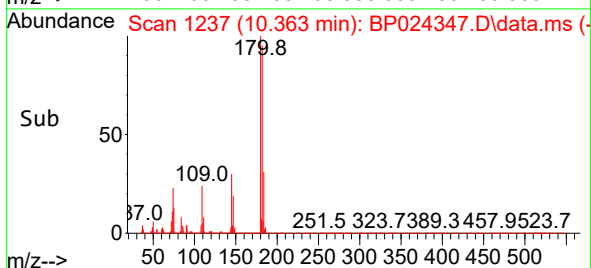
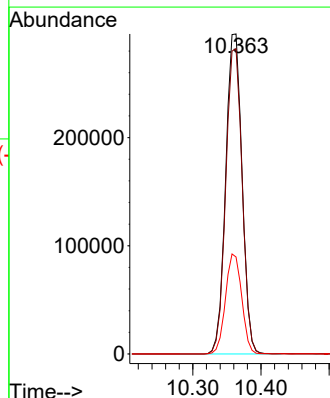
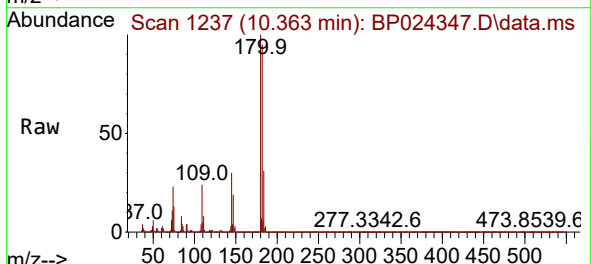
Tgt Ion:180 Resp: 493484

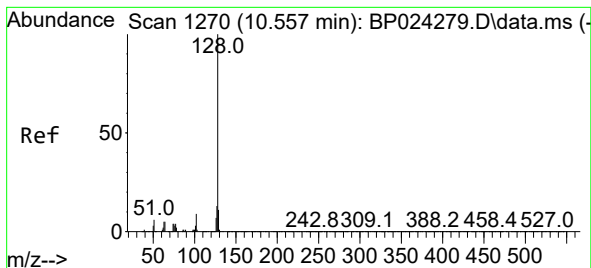
Ion Ratio Lower Upper

180 100

182 95.4 77.3 115.9

145 30.3 25.1 37.7

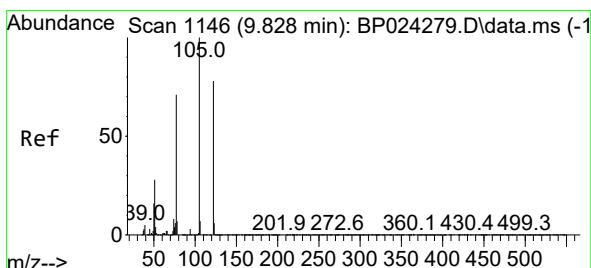
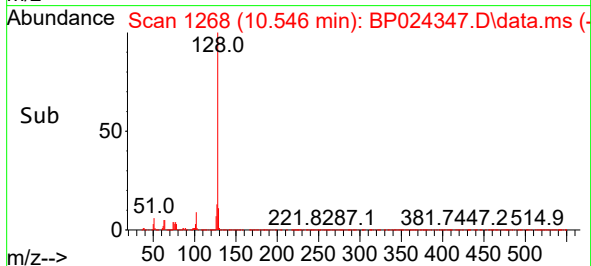
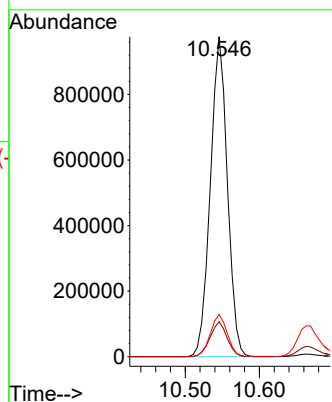
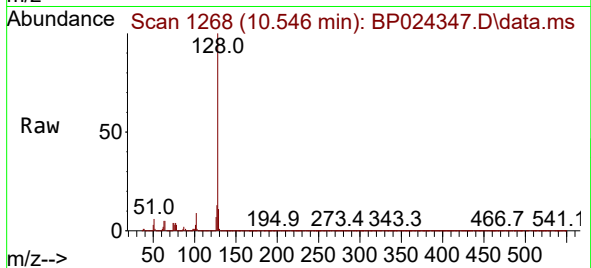




#31
Naphthalene
Concen: 41.733 ng
RT: 10.546 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

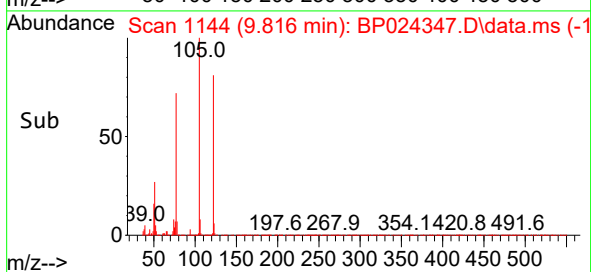
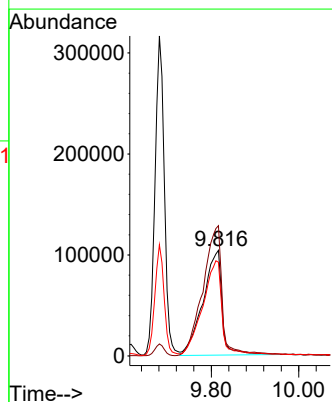
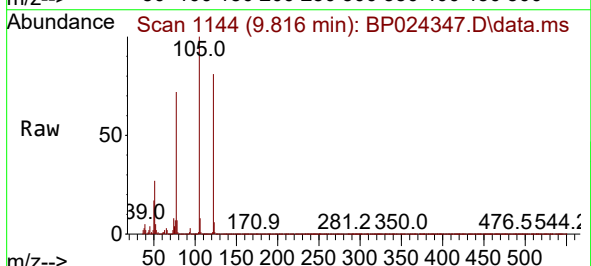
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

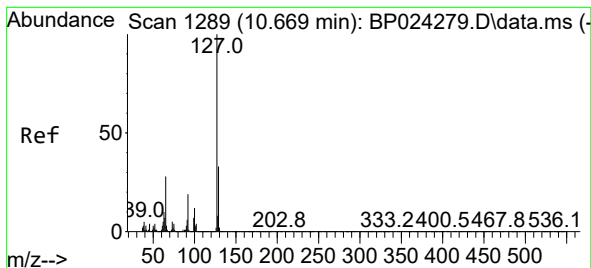
Tgt Ion:128 Resp: 1555269
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 35.957 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:122 Resp: 315991
Ion Ratio Lower Upper
122 100
105 123.4 104.8 144.8
77 88.8 69.2 109.2





#33

4-Chloroaniline

Concen: 16.482 ng

RT: 10.663 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

Tgt Ion:127 Resp: 216307

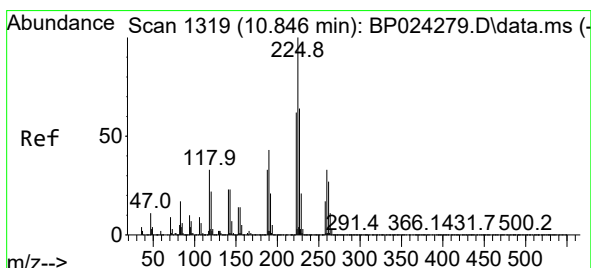
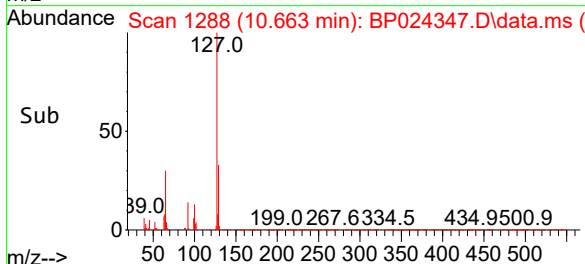
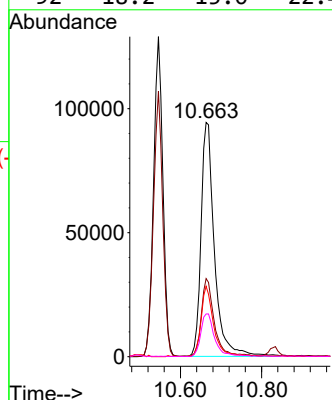
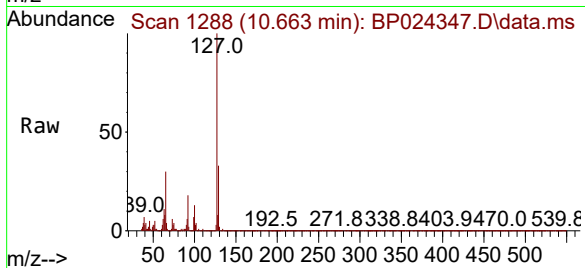
Ion Ratio Lower Upper

127 100

129 33.3 26.1 39.1

65 30.1 22.1 33.1

92 18.2 15.0 22.4



#34

Hexachlorobutadiene

Concen: 46.438 ng

RT: 10.834 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

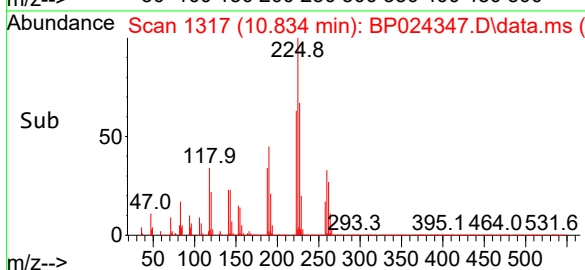
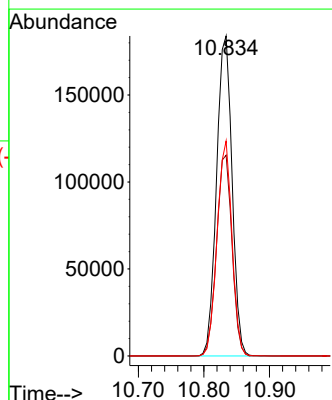
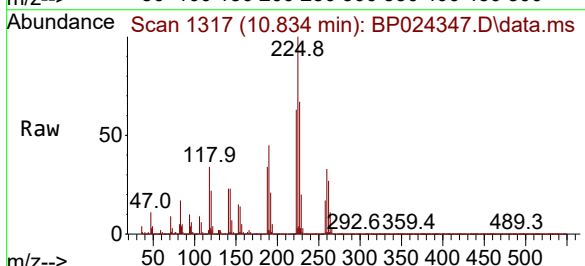
Tgt Ion:225 Resp: 300659

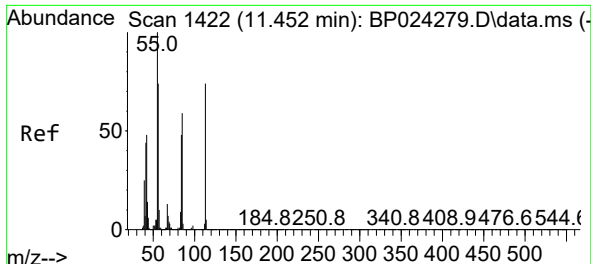
Ion Ratio Lower Upper

225 100

223 62.8 49.5 74.3

227 67.2 50.9 76.3

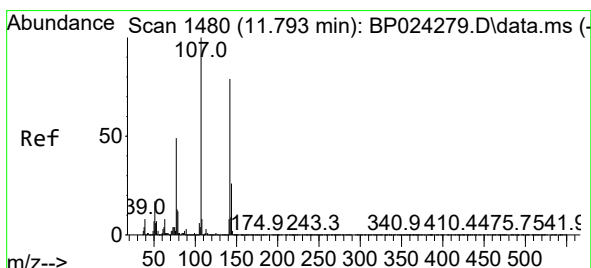
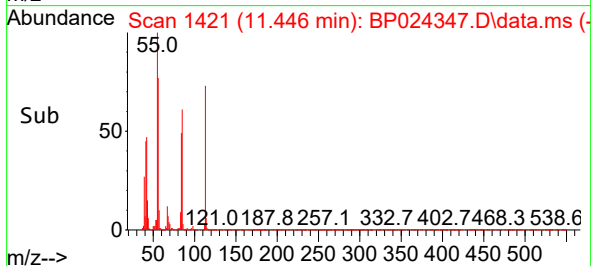
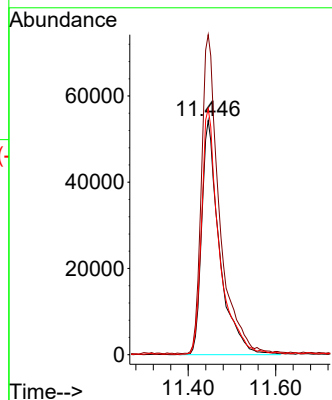
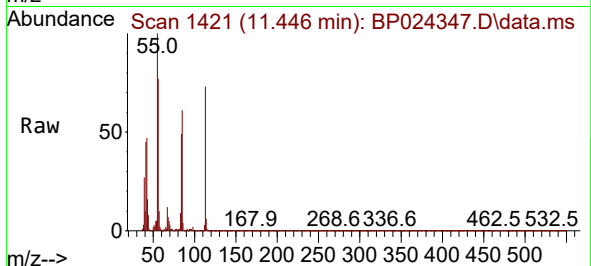




#35
Caprolactam
Concen: 40.382 ng
RT: 11.446 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

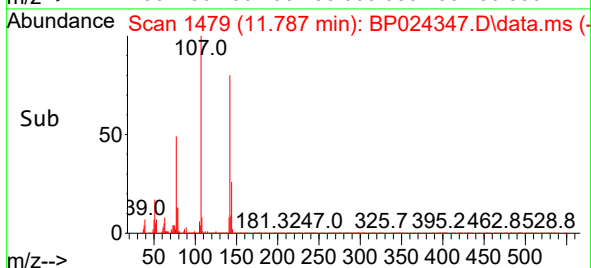
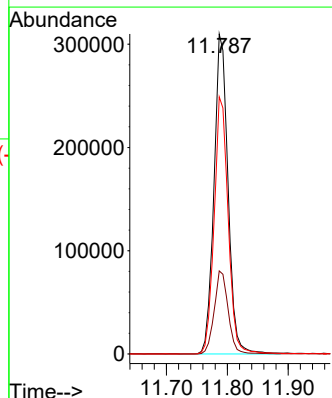
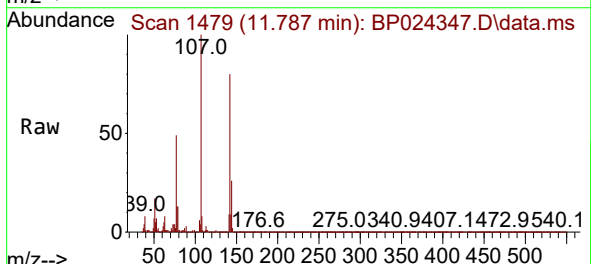
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

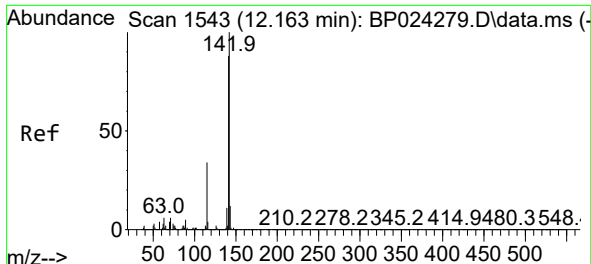
Tgt Ion:113 Resp: 153225
Ion Ratio Lower Upper
113 100
55 136.6 115.9 155.9
56 105.1 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 41.398 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:107 Resp: 495857
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 80.4 63.4 95.2

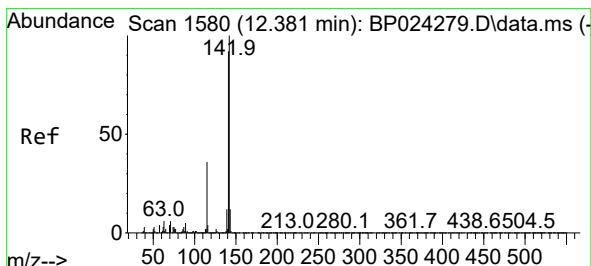
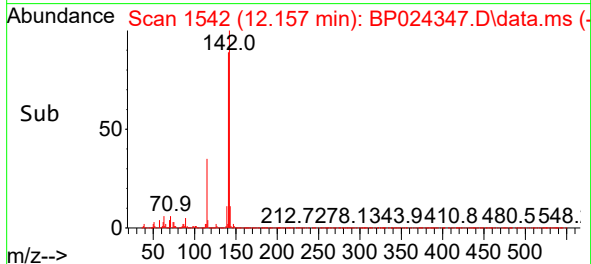
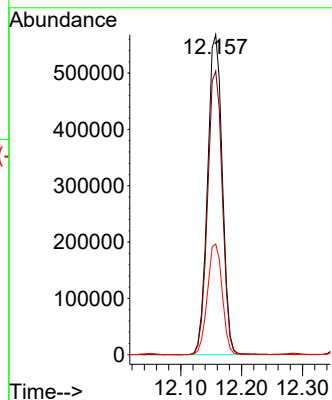
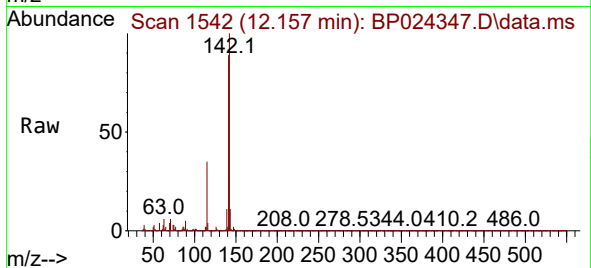




#37
2-Methylnaphthalene
Concen: 36.963 ng
RT: 12.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

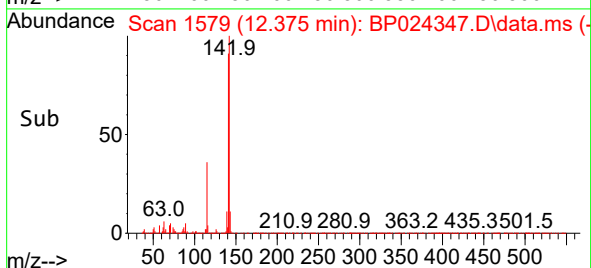
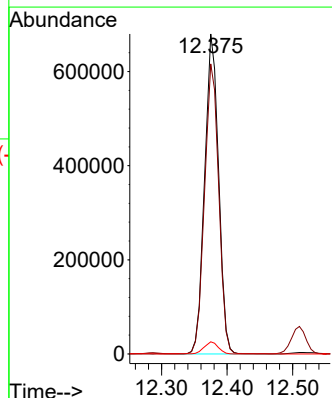
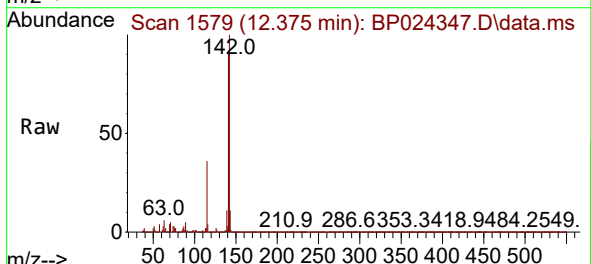
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

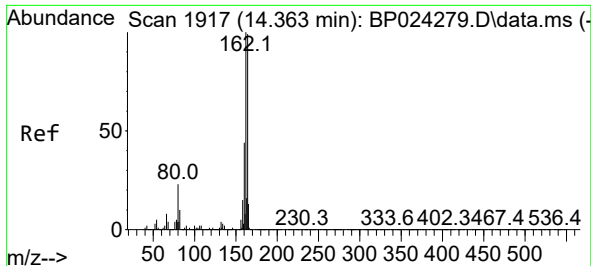
Tgt Ion:142 Resp: 955312
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5
115 34.6 26.9 40.3



#38
1-Methylnaphthalene
Concen: 39.995 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:142 Resp: 1011221
Ion Ratio Lower Upper
142 100
141 90.7 73.6 110.4
116 3.8 3.0 4.6

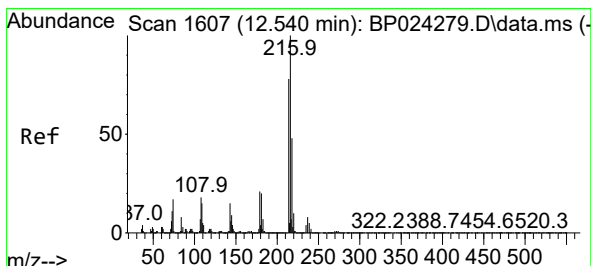
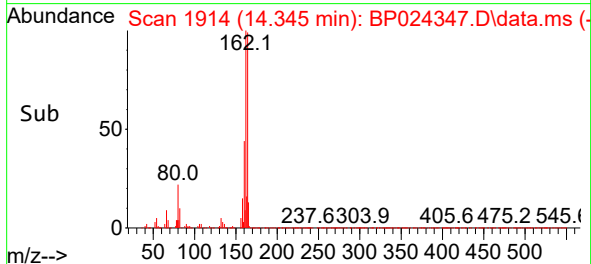
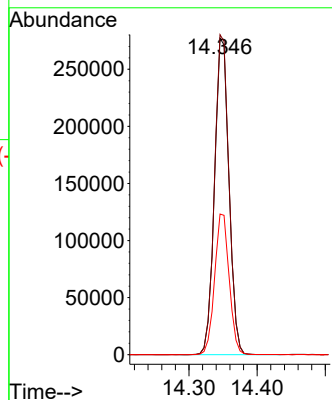
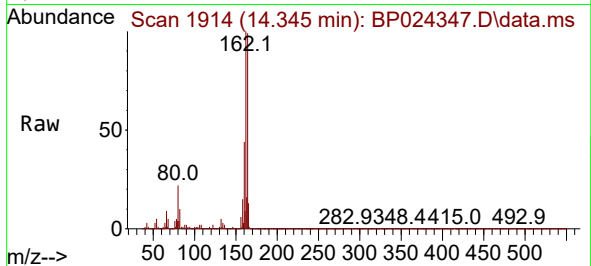




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

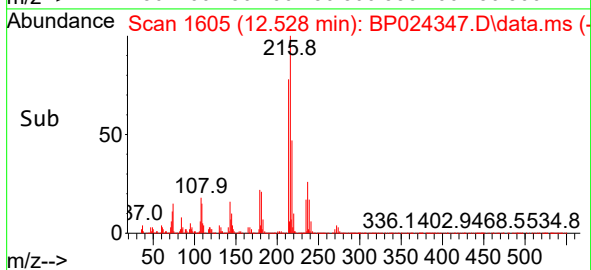
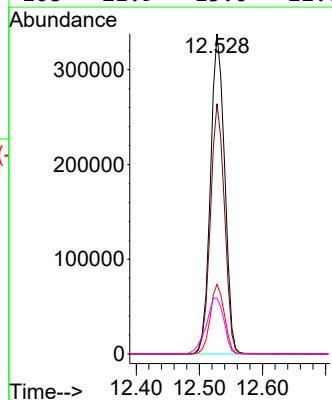
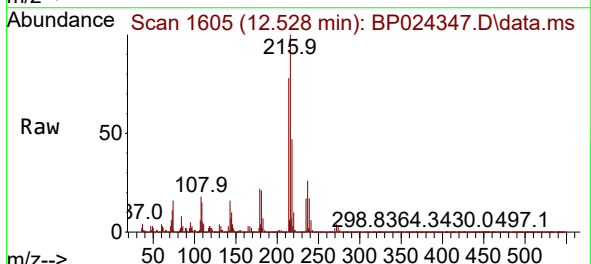
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

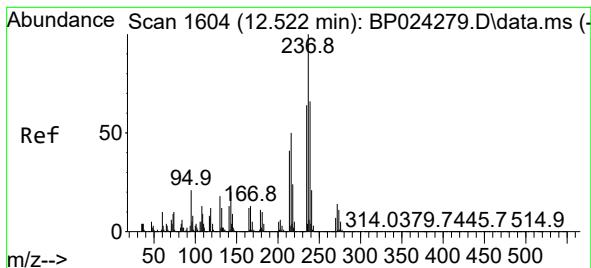
Tgt Ion:164 Resp: 408427
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.4 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.868 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:216 Resp: 526410
Ion Ratio Lower Upper
216 100
214 78.1 62.6 93.8
179 21.7 17.2 25.8
108 21.9 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 186.643 ng

RT: 12.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

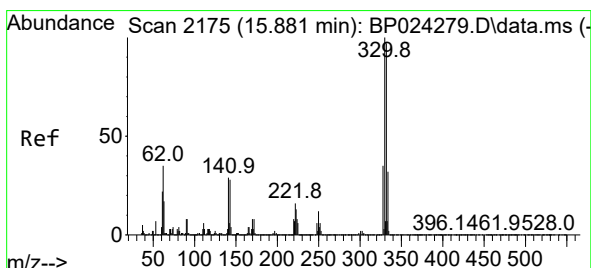
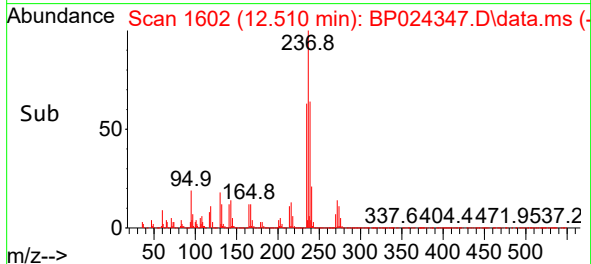
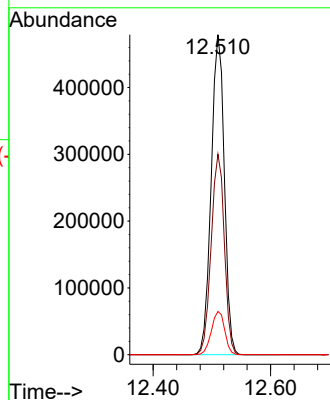
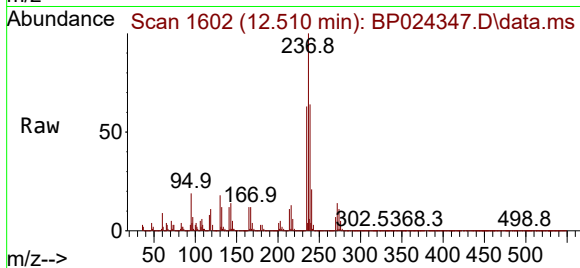
Tgt Ion:237 Resp: 741418

Ion Ratio Lower Upper

237 100

235 62.6 43.9 83.9

272 13.5 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 103.121 ng

RT: 15.869 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

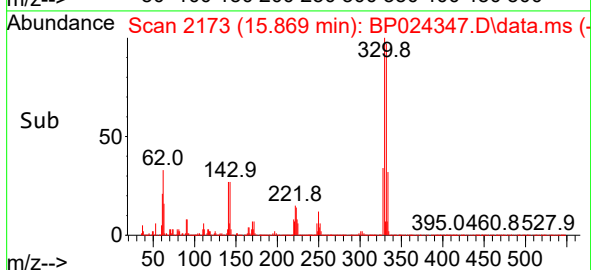
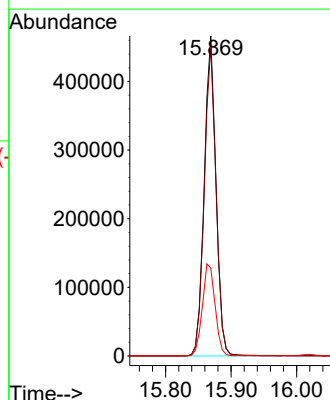
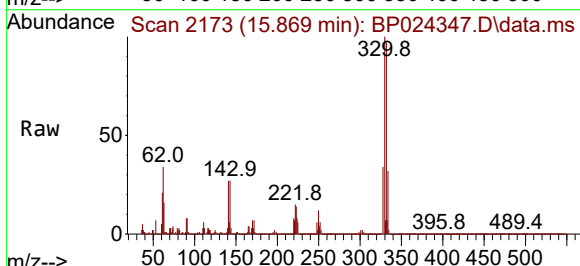
Tgt Ion:330 Resp: 582719

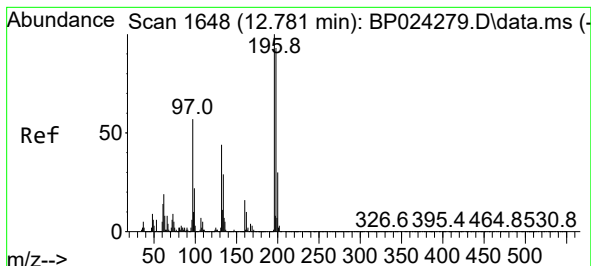
Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 31.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 47.158 ng

RT: 12.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

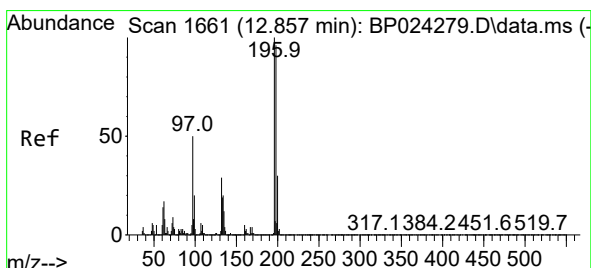
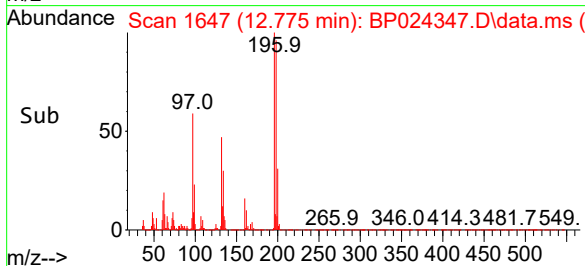
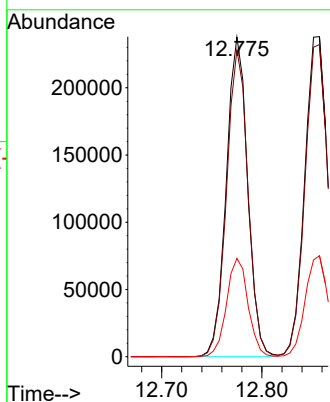
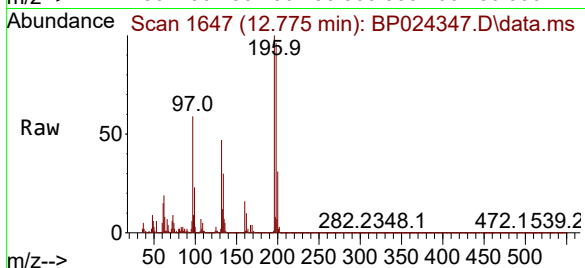
Tgt Ion:196 Resp: 352150

Ion Ratio Lower Upper

196 100

198 96.0 74.3 111.5

200 30.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 46.906 ng

RT: 12.857 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Tgt Ion:196 Resp: 387879

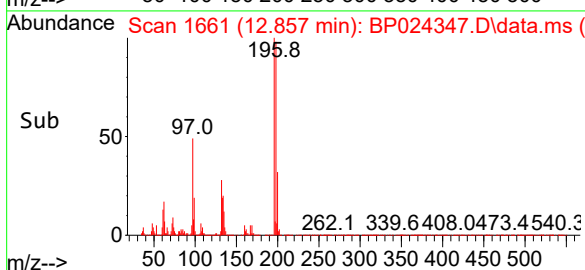
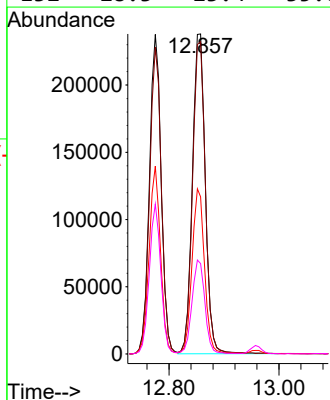
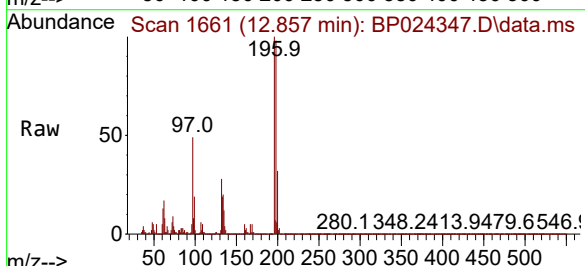
Ion Ratio Lower Upper

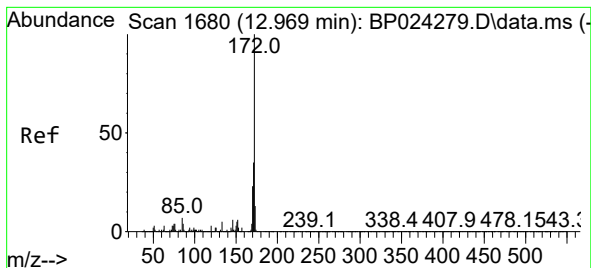
196 100

198 97.6 77.3 115.9

97 49.1 40.4 60.6

132 28.3 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 66.146 ng

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

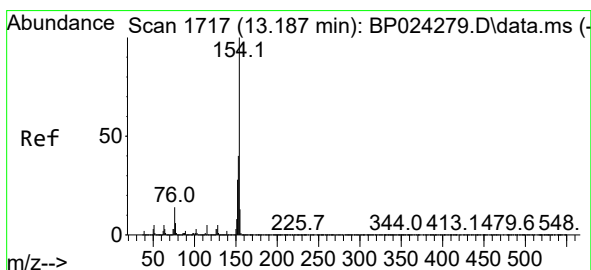
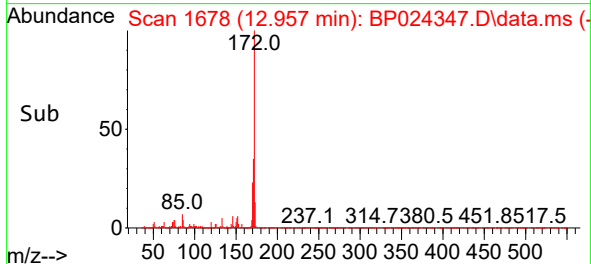
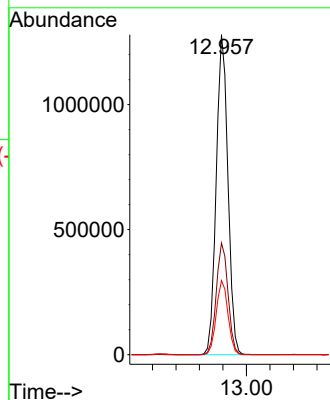
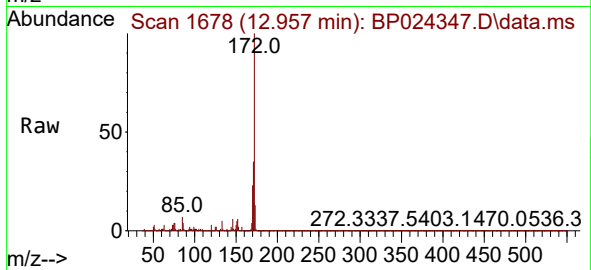
Tgt Ion:172 Resp: 1764455

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.111 ng

RT: 13.181 min Scan# 1716

Delta R.T. 0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

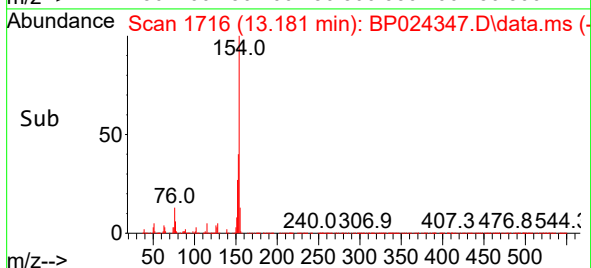
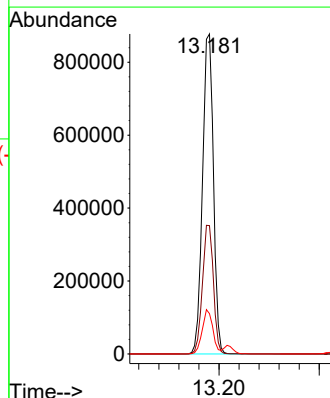
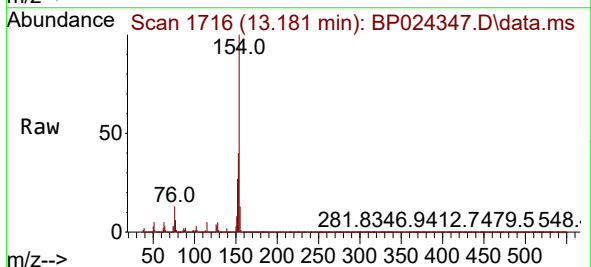
Tgt Ion:154 Resp: 1324294

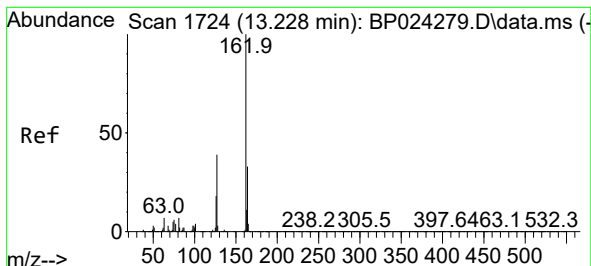
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 12.6 0.0 33.5





#47

2-Chloronaphthalene

Concen: 45.168 ng

RT: 13.216 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

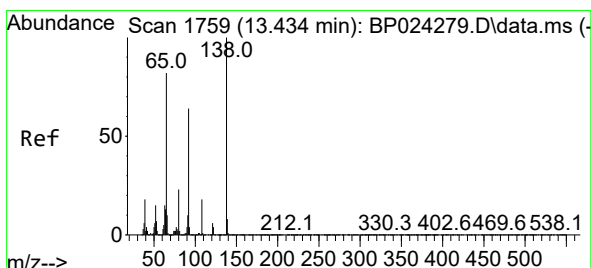
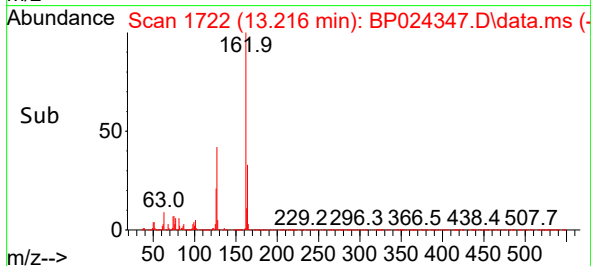
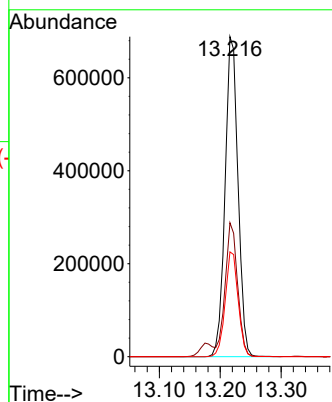
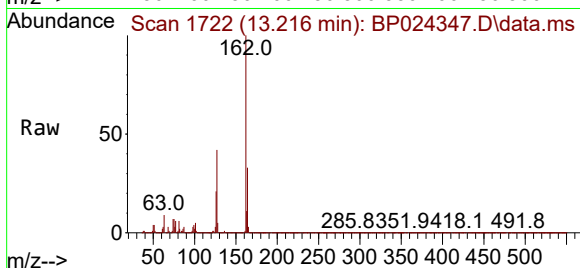
Tgt Ion:162 Resp: 1013456

Ion Ratio Lower Upper

162 100

127 41.9 31.9 47.9

164 32.7 26.2 39.4



#48

2-Nitroaniline

Concen: 46.948 ng

RT: 13.428 min Scan# 1758

Delta R.T. 0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

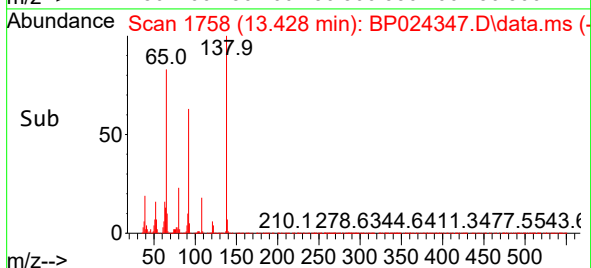
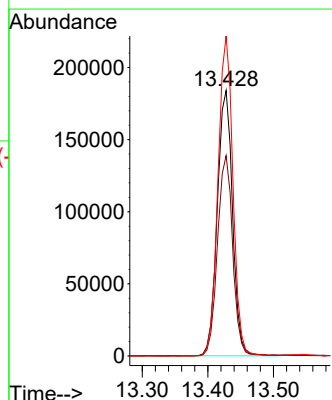
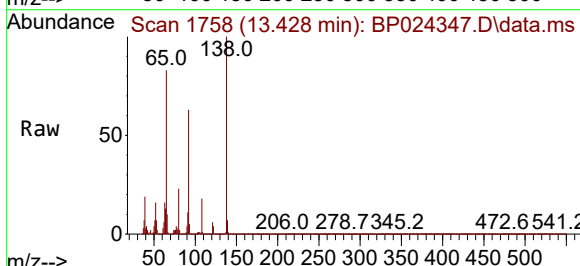
Tgt Ion: 65 Resp: 295486

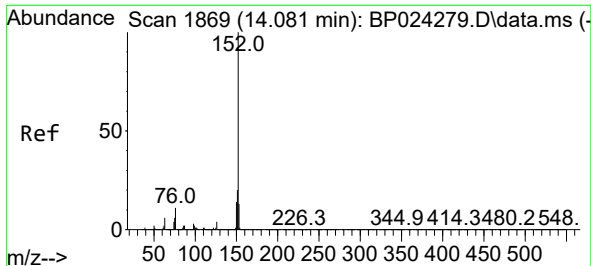
Ion Ratio Lower Upper

65 100

92 75.5 62.3 93.5

138 120.5 97.2 145.8

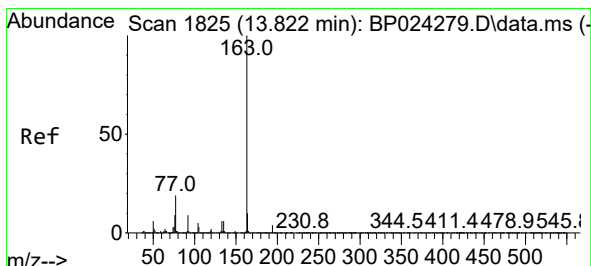
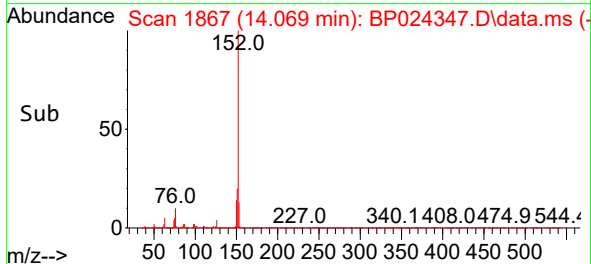
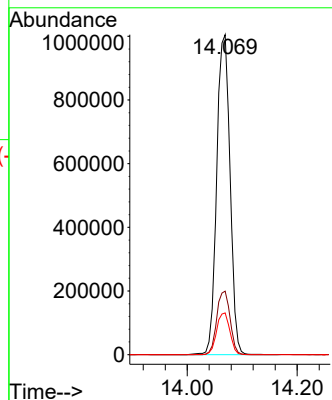
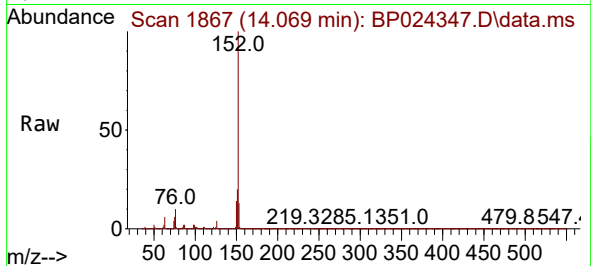




#49
Acenaphthylene
Concen: 47.826 ng
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

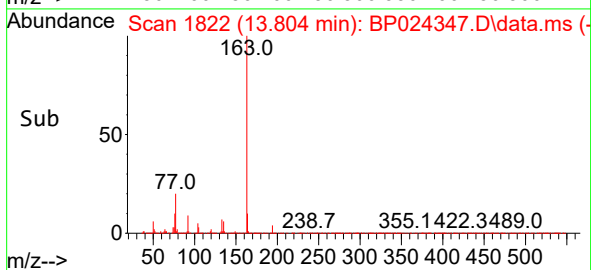
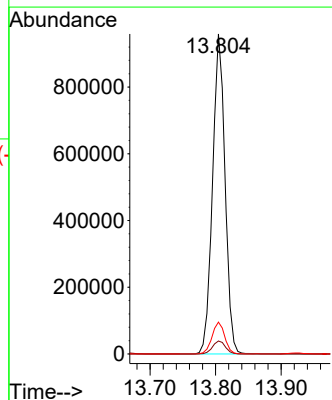
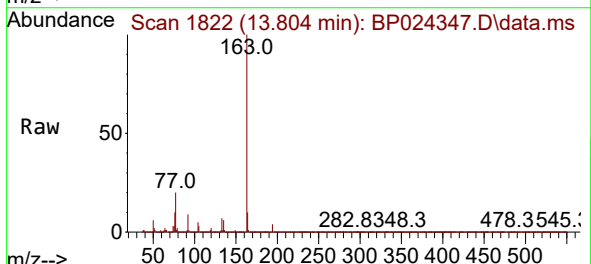
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

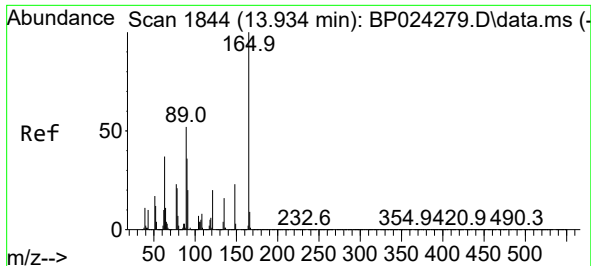
Tgt Ion:152 Resp: 1689529
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 42.652 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:163 Resp: 1266830
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.0 8.0 12.0

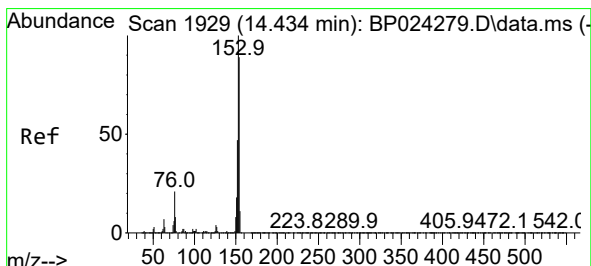
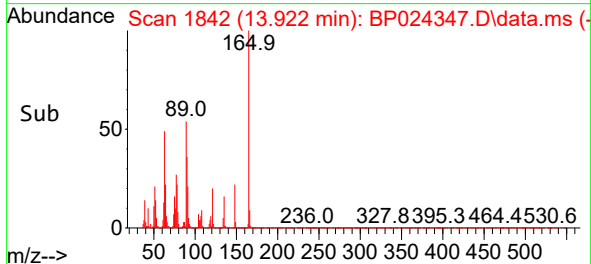
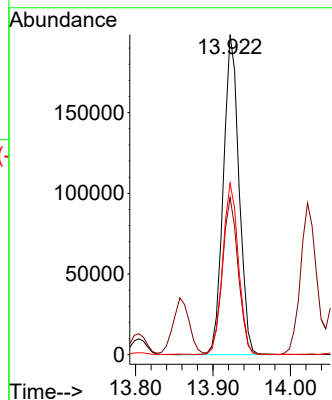
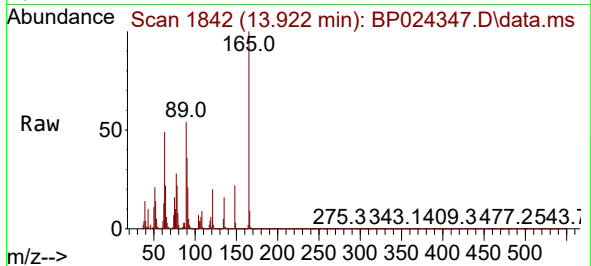




#51
2,6-Dinitrotoluene
Concen: 44.194 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

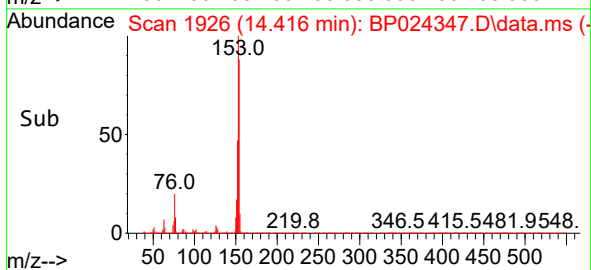
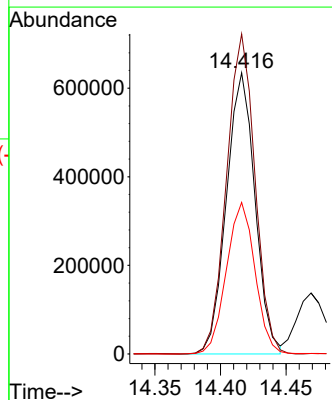
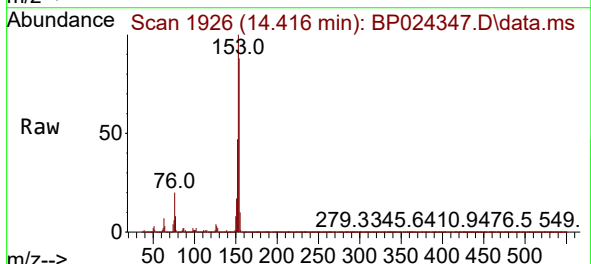
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

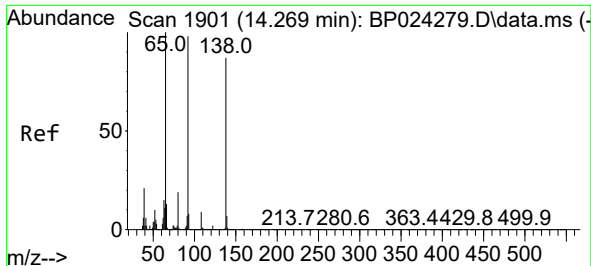
Tgt Ion:165 Resp: 278736
Ion Ratio Lower Upper
165 100
63 49.1 38.0 57.0
89 53.5 41.7 62.5



#52
Acenaphthene
Concen: 42.931 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:154 Resp: 961469
Ion Ratio Lower Upper
154 100
153 113.8 89.8 134.6
152 53.9 42.6 63.8

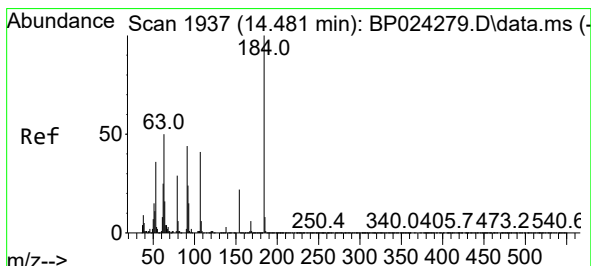
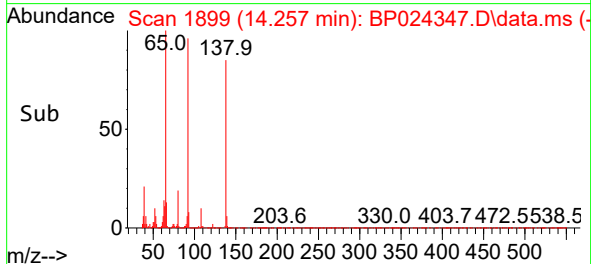
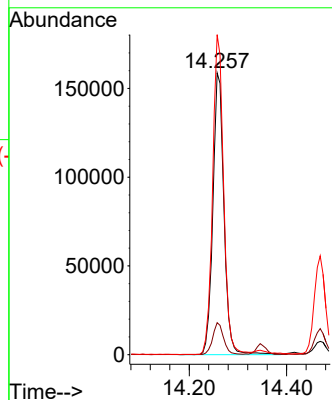
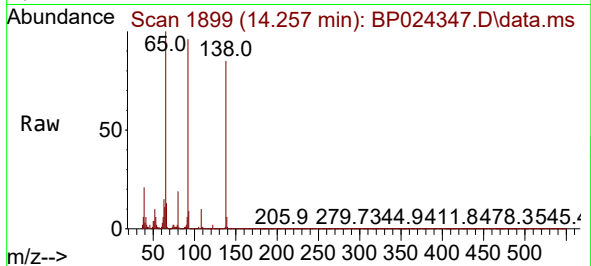




#53
3-Nitroaniline
Concen: 37.624 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

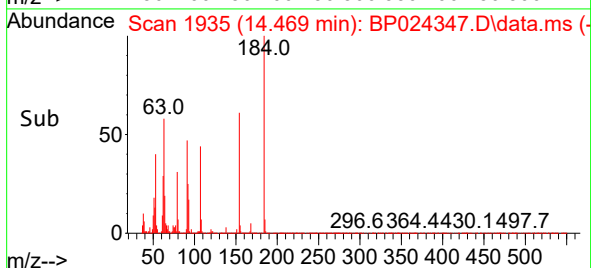
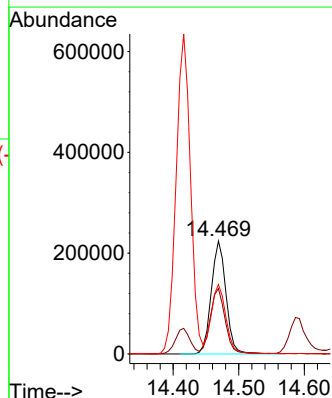
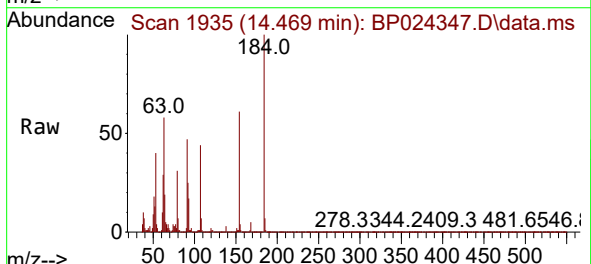
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

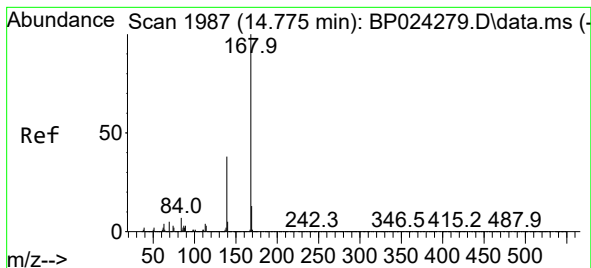
Tgt Ion:138 Resp: 249400
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 113.6 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 94.395 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:184 Resp: 350692
Ion Ratio Lower Upper
184 100
63 58.0 42.6 64.0
154 61.4 47.2 70.8





#55

Dibenzofuran

Concen: 41.104 ng

RT: 14.757 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

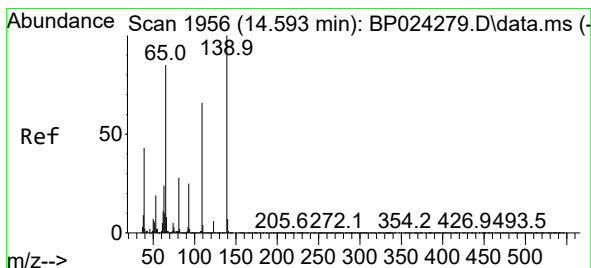
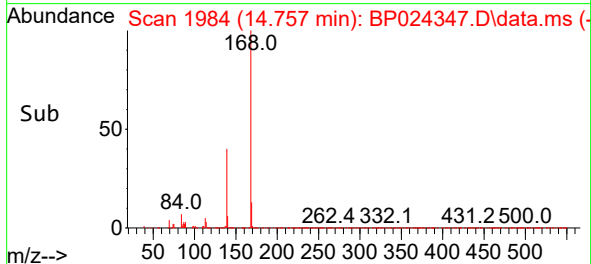
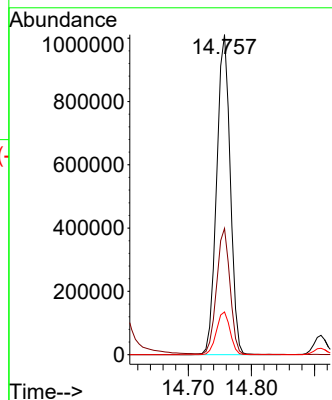
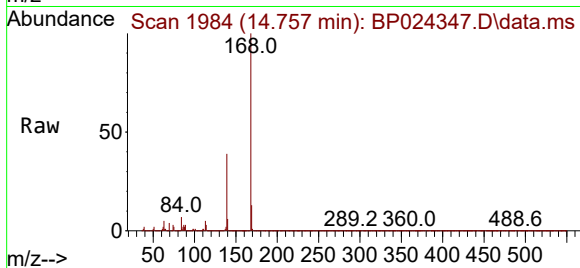
Tgt Ion:168 Resp: 1504732

Ion Ratio Lower Upper

168 100

139 39.4 30.3 45.5

169 13.4 10.6 16.0



#56

4-Nitrophenol

Concen: 95.607 ng

RT: 14.593 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

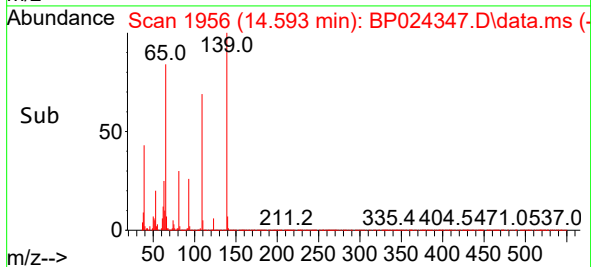
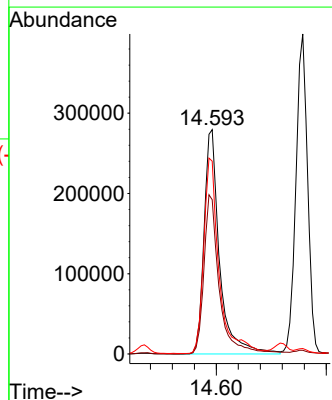
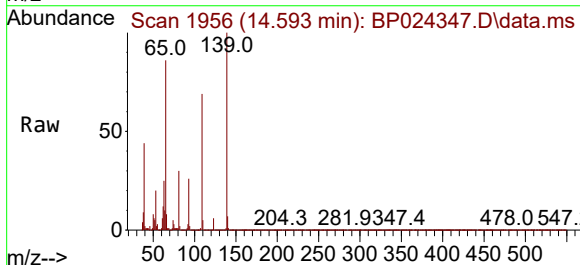
Tgt Ion:139 Resp: 547349

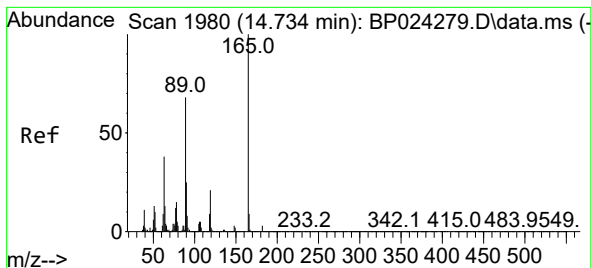
Ion Ratio Lower Upper

139 100

109 68.8 46.1 86.1

65 85.9 65.0 105.0





#57

2,4-Dinitrotoluene

Concen: 46.103 ng

RT: 14.722 min Scan# 1980

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

Tgt Ion:165 Resp: 396646

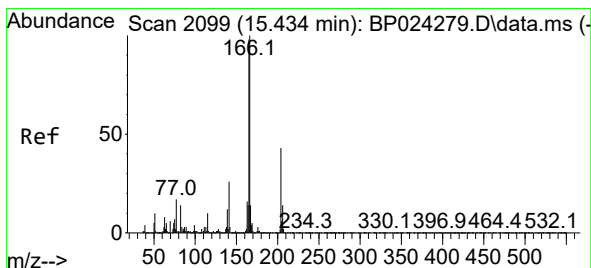
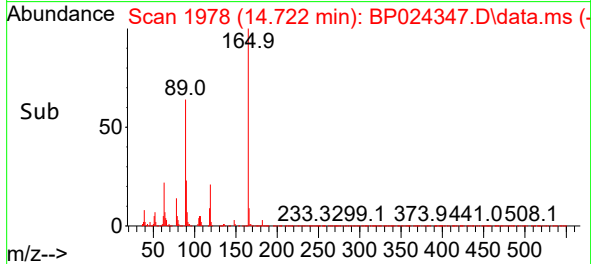
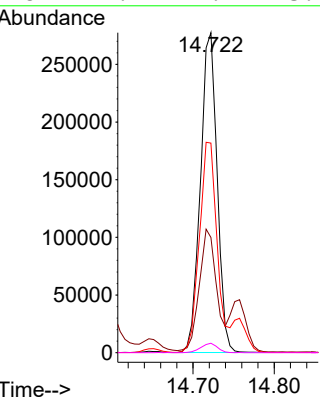
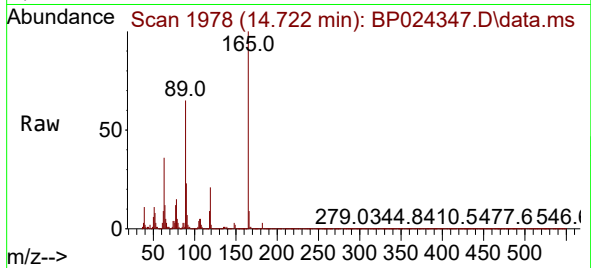
Ion Ratio Lower Upper

165 100

63 36.0 30.4 45.6

89 65.5 54.6 82.0

182 2.9 2.2 3.2



#58

Fluorene

Concen: 43.425 ng

RT: 15.416 min Scan# 2096

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

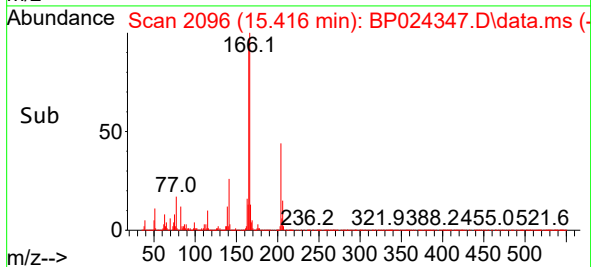
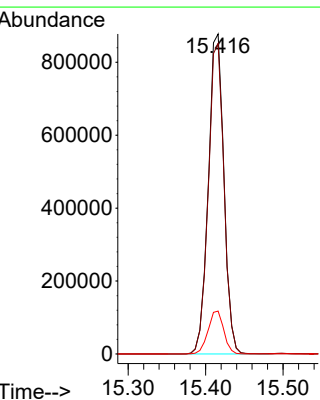
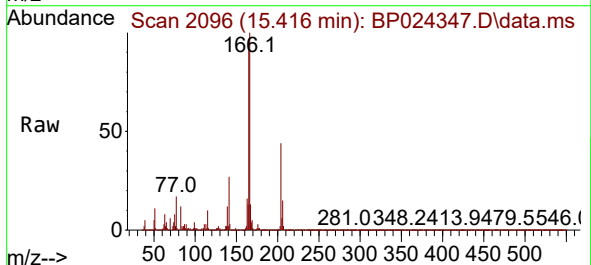
Tgt Ion:166 Resp: 1230616

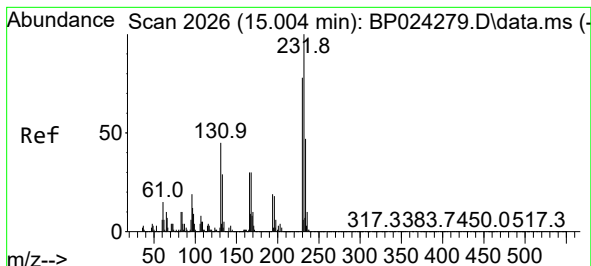
Ion Ratio Lower Upper

166 100

165 97.0 78.1 117.1

167 13.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.676 ng

RT: 14.987 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

Tgt Ion:232 Resp: 340738

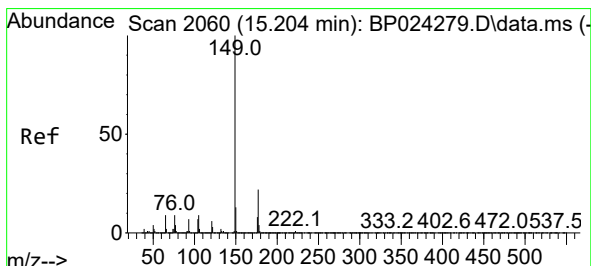
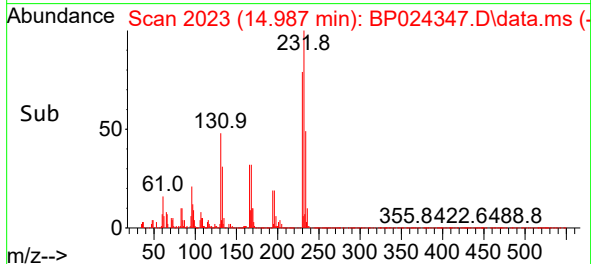
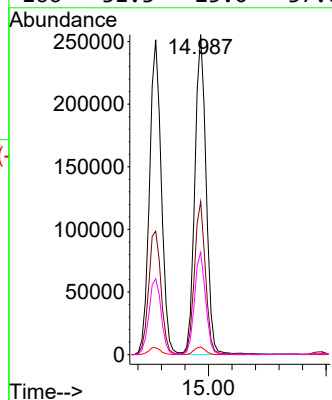
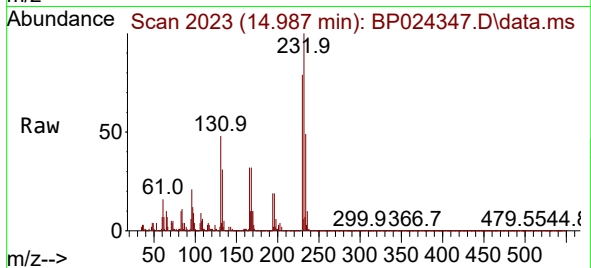
Ion Ratio Lower Upper

232 100

131 46.5 36.8 55.2

130 2.5 1.9 2.9

166 31.3 25.0 37.6



#60

Diethylphthalate

Concen: 46.002 ng

RT: 15.187 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

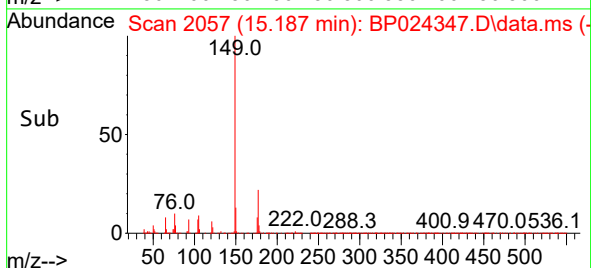
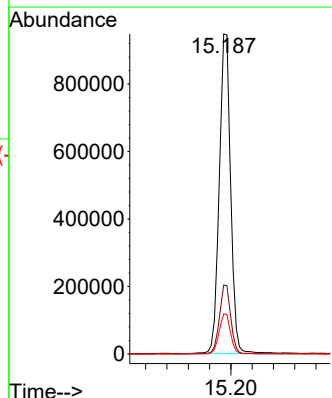
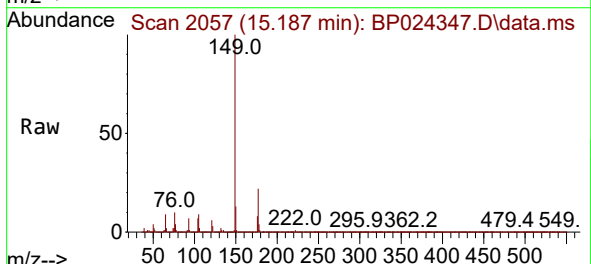
Tgt Ion:149 Resp: 1408027

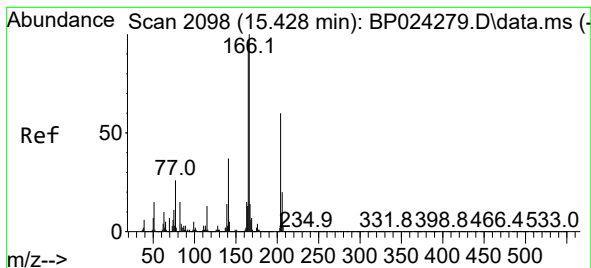
Ion Ratio Lower Upper

149 100

177 21.6 17.4 26.2

150 12.5 10.1 15.1

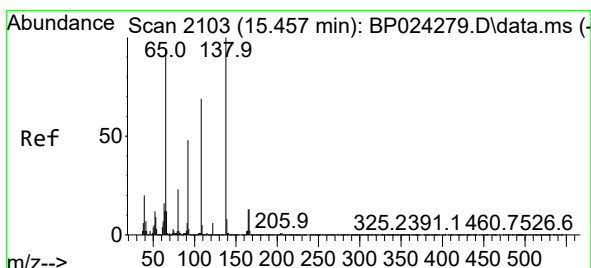
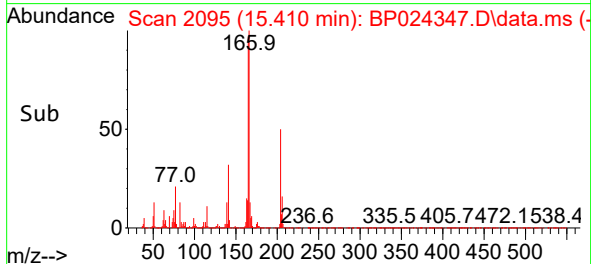
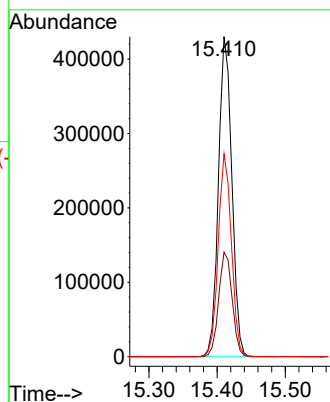
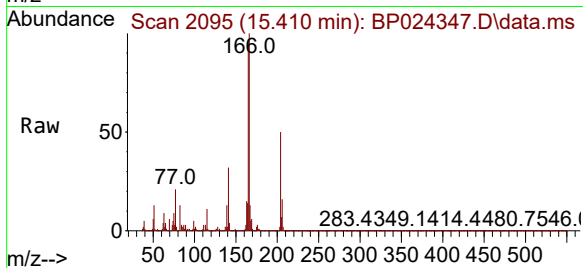




#61
4-Chlorophenyl-phenylether
Concen: 42.722 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

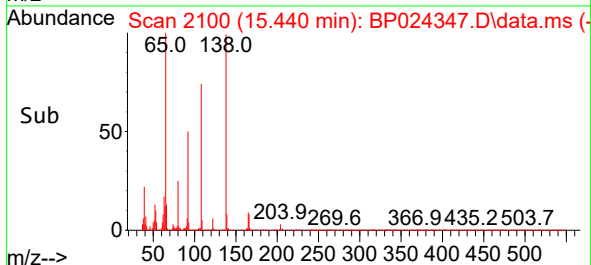
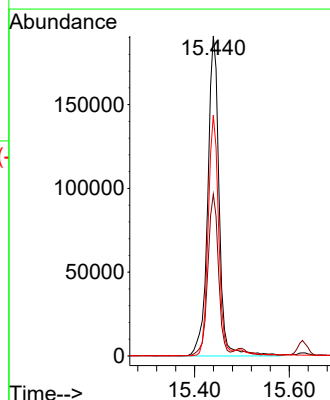
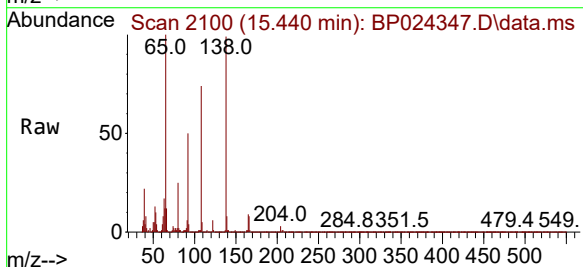
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

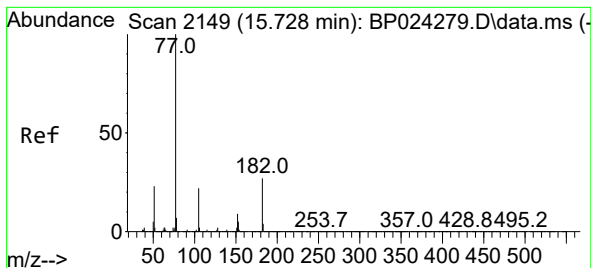
Tgt Ion:204 Resp: 587926
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 63.4 49.4 74.0



#62
4-Nitroaniline
Concen: 45.547 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:138 Resp: 319623
Ion Ratio Lower Upper
138 100
92 50.6 27.8 67.8
108 75.2 48.9 88.9





#63

Azobenzene

Concen: 46.612 ng

RT: 15.710 min Scan# 2149

Delta R.T. 0.000 min

Lab File: BP024347.D

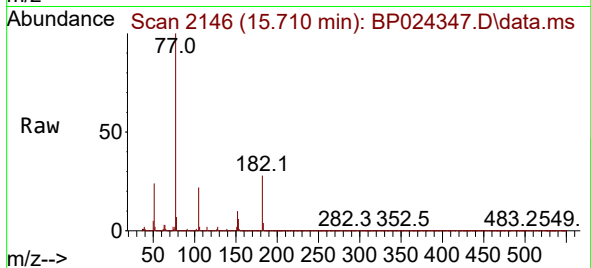
Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD



Tgt Ion: 77 Resp: 1311317

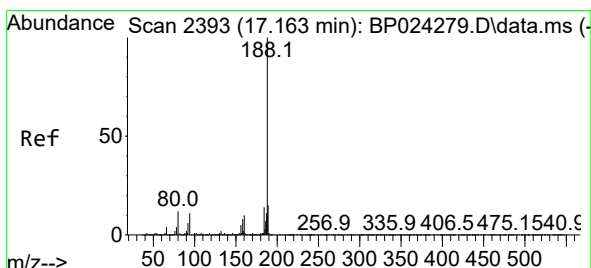
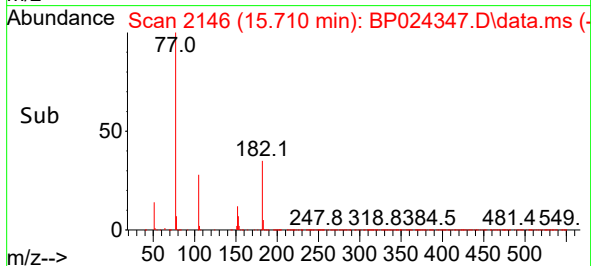
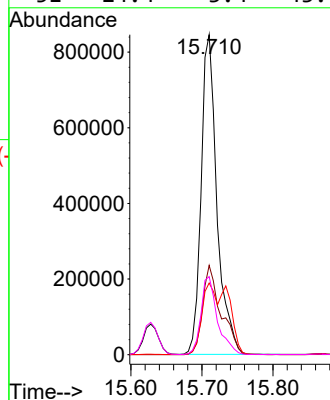
Ion Ratio Lower Upper

77 100

182 27.9 7.3 47.3

105 22.4 2.3 42.3

51 24.4 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2392

Delta R.T. 0.012 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

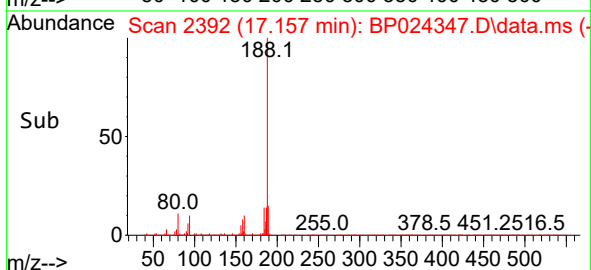
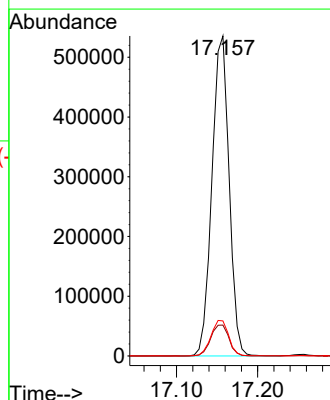
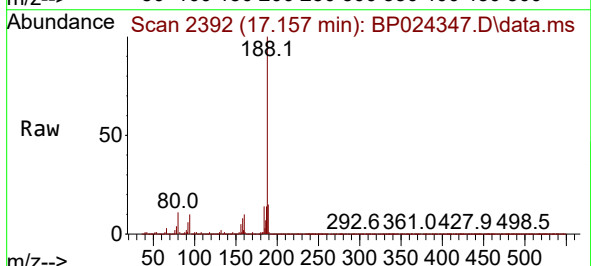
Tgt Ion: 188 Resp: 785894

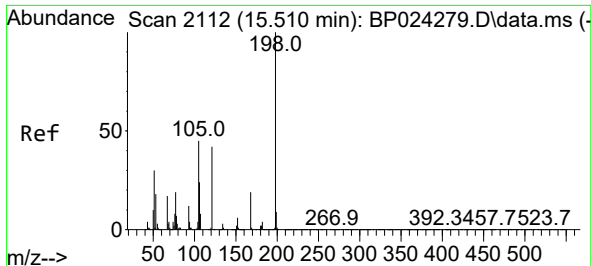
Ion Ratio Lower Upper

188 100

94 9.6 8.6 13.0

80 11.0 9.8 14.6

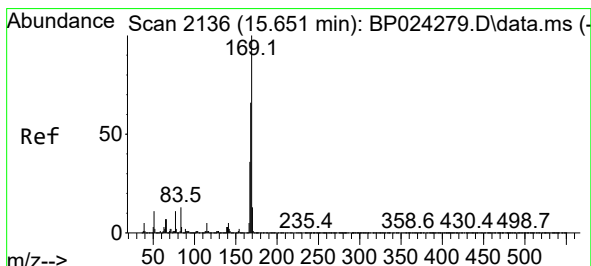
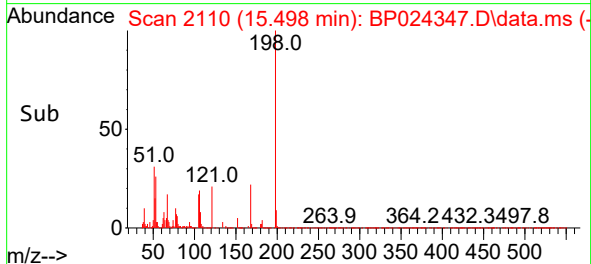
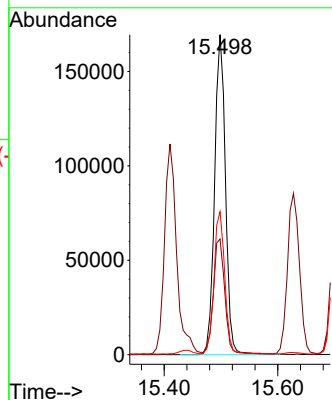
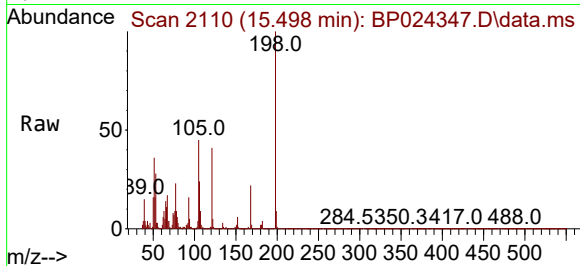




#65
4,6-Dinitro-2-methylphenol
Concen: 45.165 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

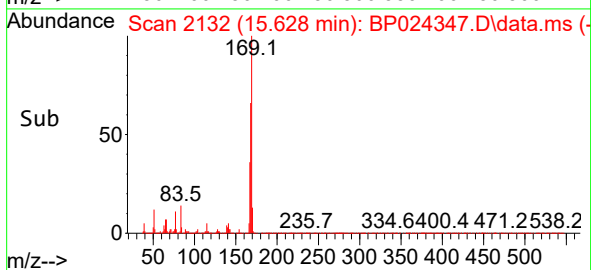
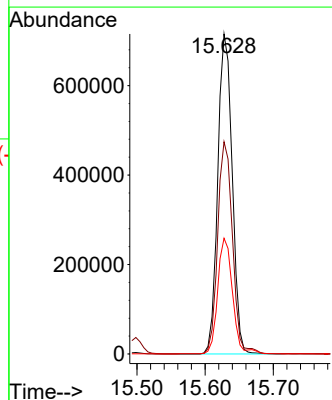
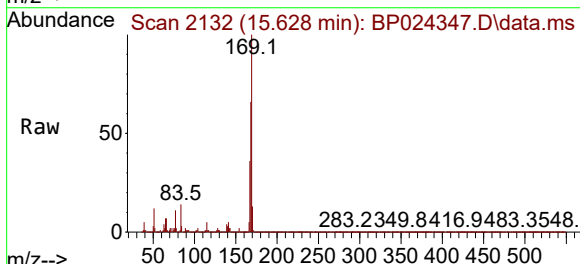
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

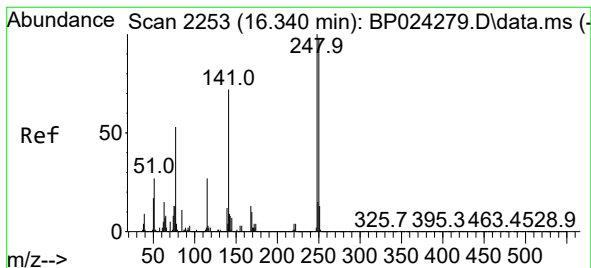
Tgt Ion:198 Resp: 223783
Ion Ratio Lower Upper
198 100
51 36.2 18.4 58.4
105 44.7 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 44.887 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:169 Resp: 1052919
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 36.1 28.9 43.3

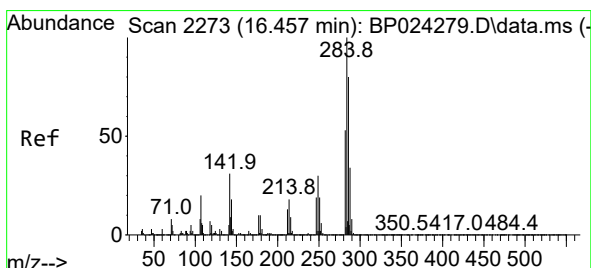
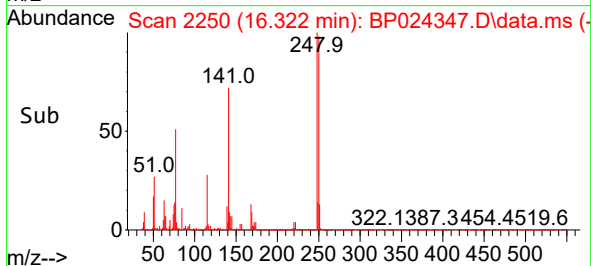
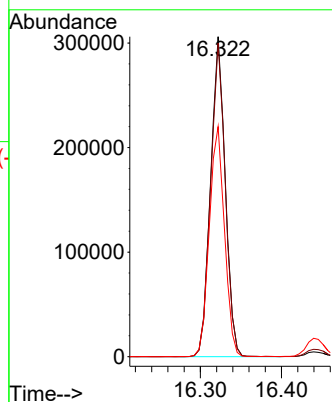
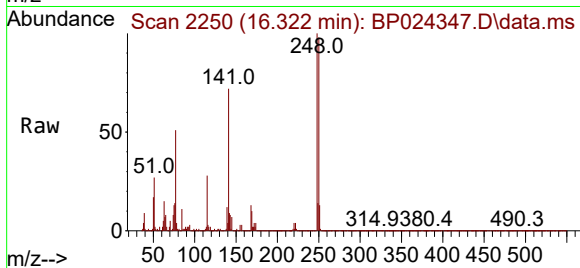




#67
4-Bromophenyl-phenylether
Concen: 44.657 ng
RT: 16.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

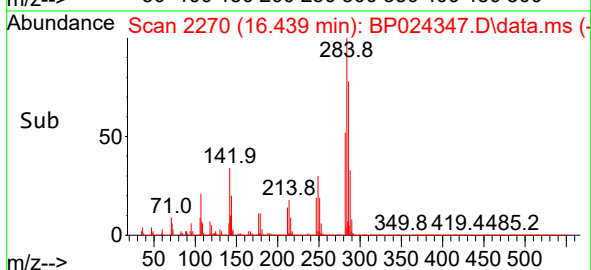
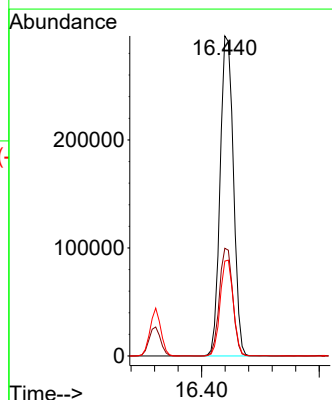
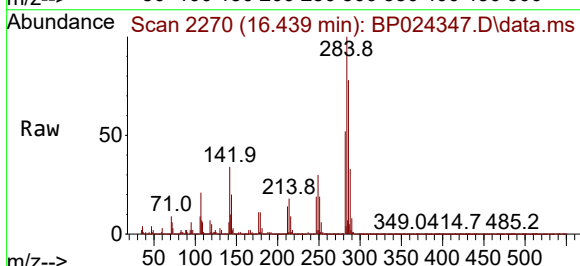
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

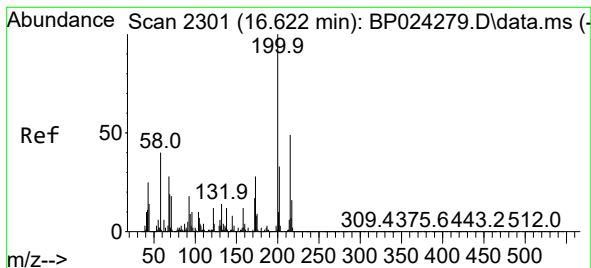
Tgt Ion:248 Resp: 383831
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.4
141 71.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 45.390 ng
RT: 16.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:284 Resp: 463592
Ion Ratio Lower Upper
284 100
142 33.7 24.6 37.0
249 29.6 23.8 35.6





#69

Atrazine

Concen: 61.804 ng

RT: 16.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

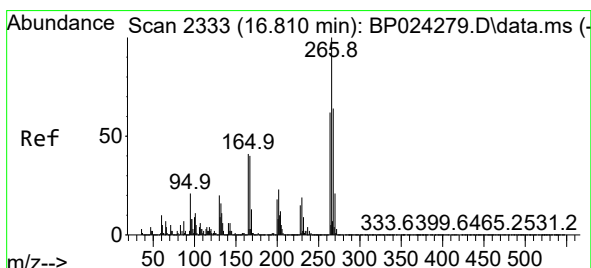
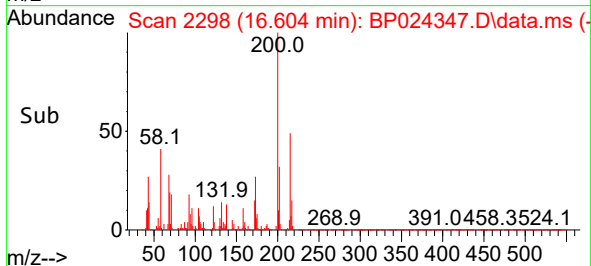
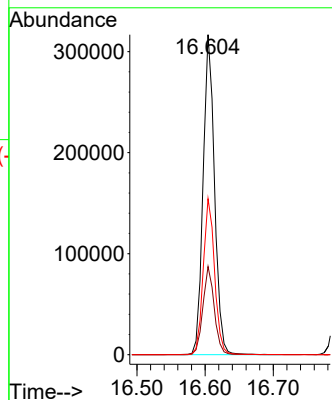
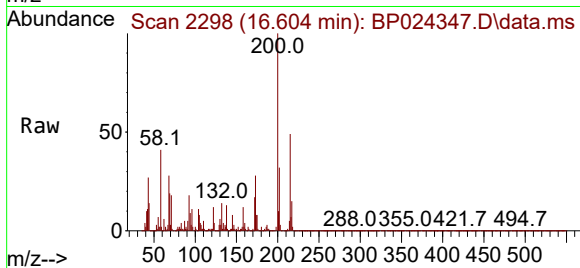
Tgt Ion:200 Resp: 369240

Ion Ratio Lower Upper

200 100

173 27.5 7.5 47.5

215 48.7 28.8 68.8



#70

Pentachlorophenol

Concen: 92.404 ng

RT: 16.798 min Scan# 2331

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

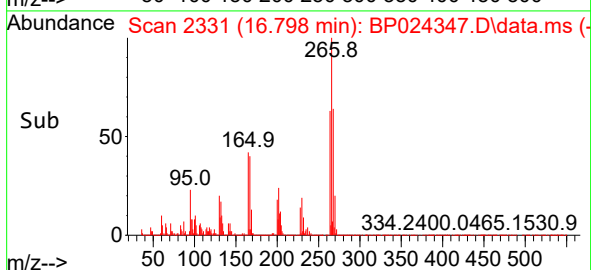
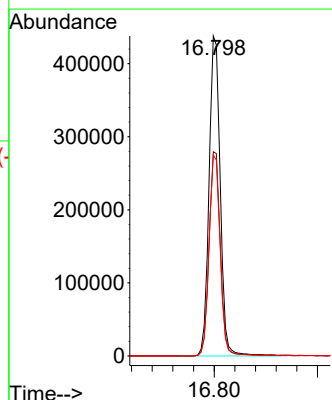
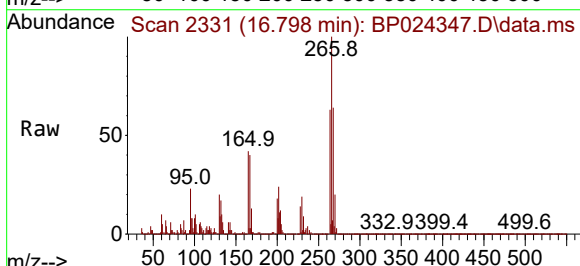
Tgt Ion:266 Resp: 658396

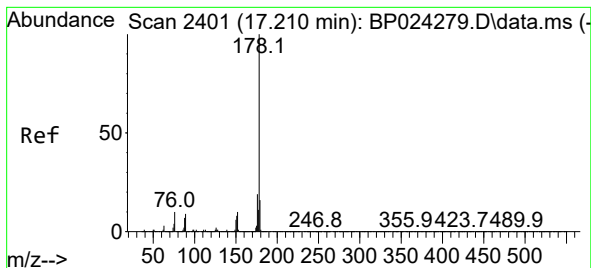
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.8 49.8 74.6





#71

Phenanthrene

Concen: 44.561 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

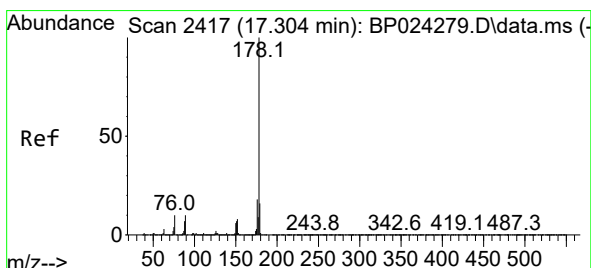
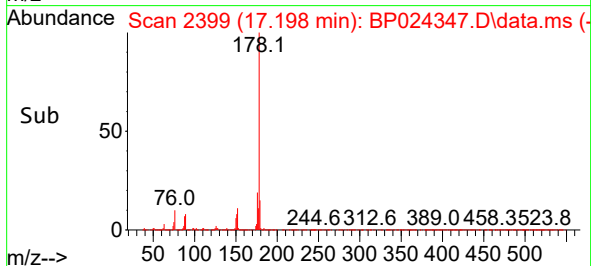
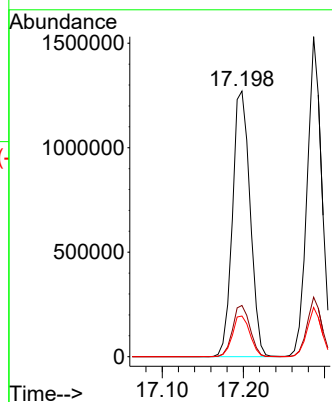
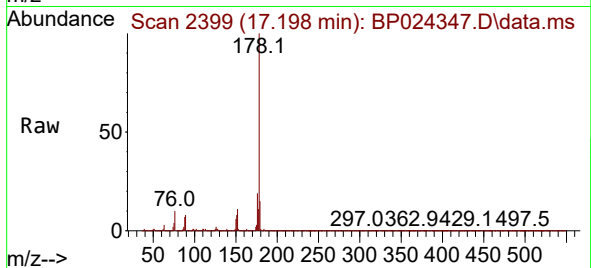
Tgt Ion:178 Resp: 1910432

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 46.450 ng

RT: 17.287 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

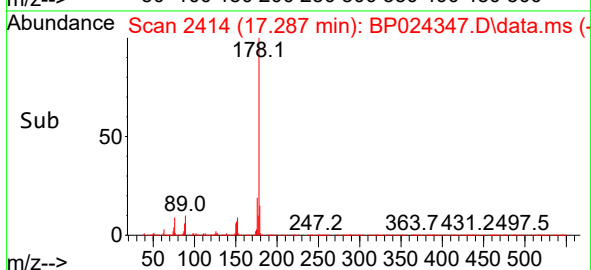
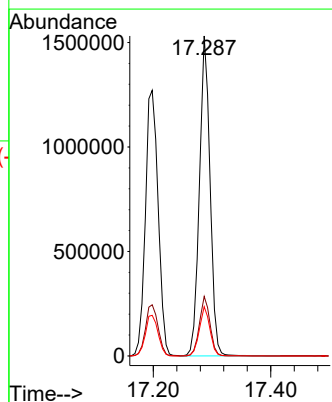
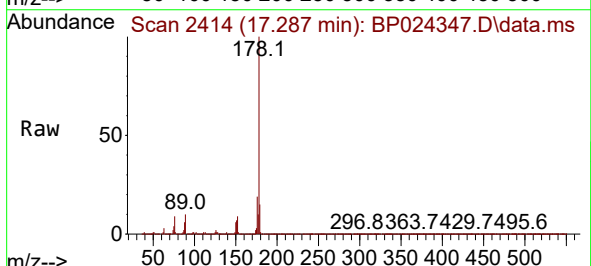
Tgt Ion:178 Resp: 1919322

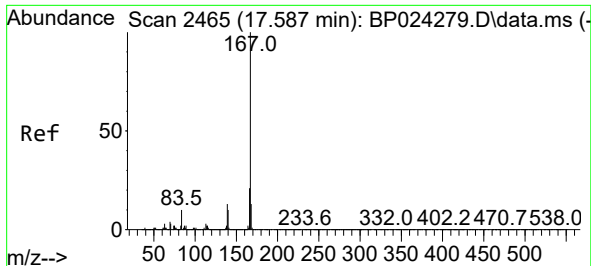
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.4 12.4 18.6

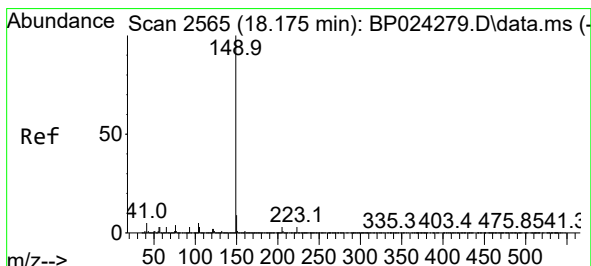
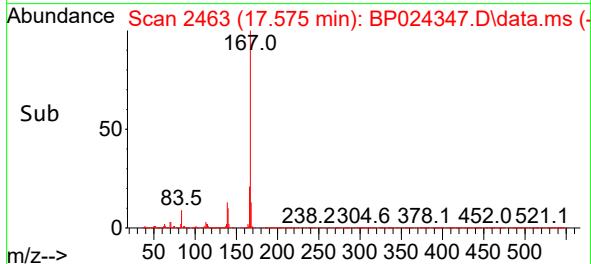
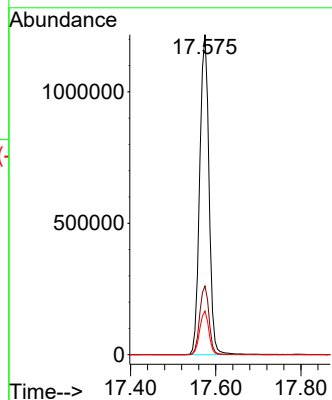
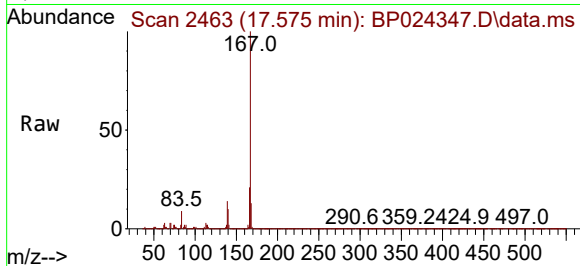




#73
 Carbazole
 Concen: 45.700 ng
 RT: 17.575 min Scan# 2463
 Delta R.T. 0.006 min
 Lab File: BP024347.D
 Acq: 18 Apr 2025 18:07

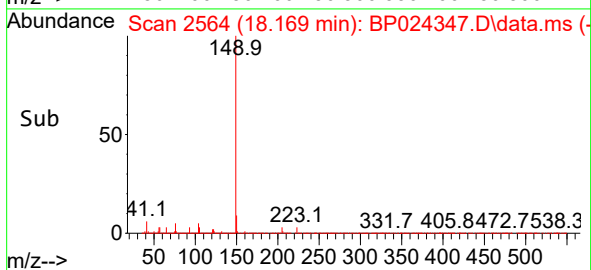
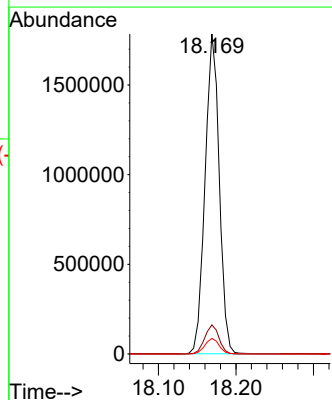
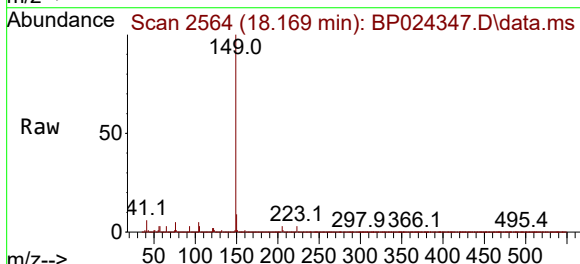
Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-04MSD

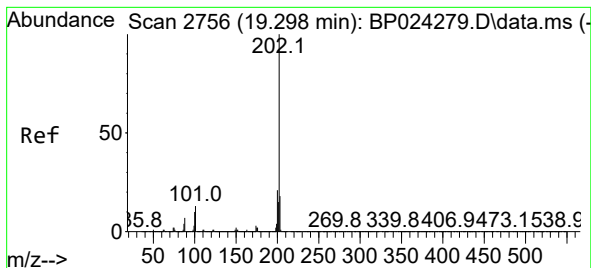
Tgt Ion:167 Resp: 1845082
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.995 ng
 RT: 18.169 min Scan# 2564
 Delta R.T. 0.012 min
 Lab File: BP024347.D
 Acq: 18 Apr 2025 18:07

Tgt Ion:149 Resp: 2263263
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 44.823 ng

RT: 19.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

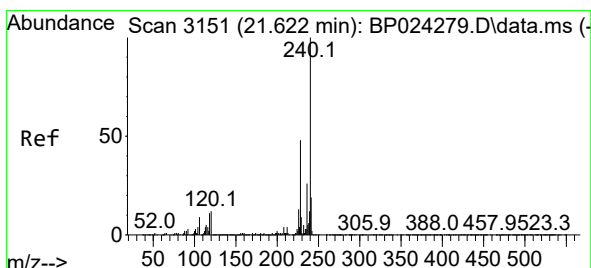
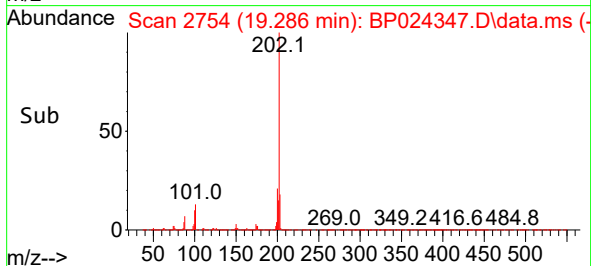
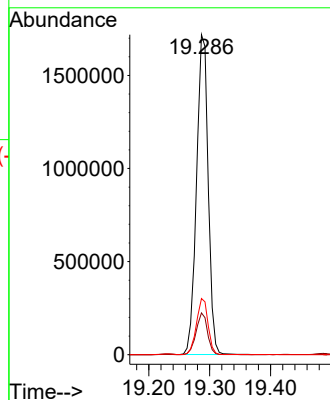
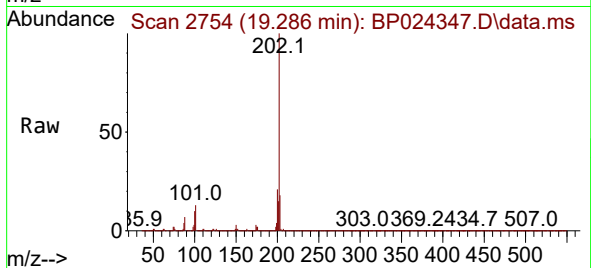
Tgt Ion:202 Resp: 2285506

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3148

Delta R.T. 0.012 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

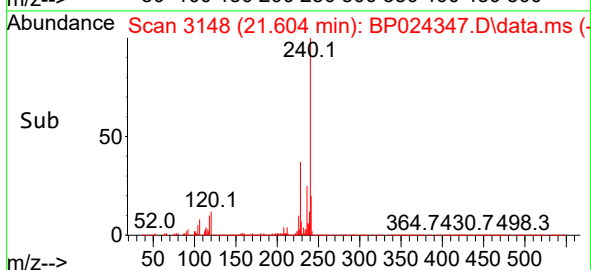
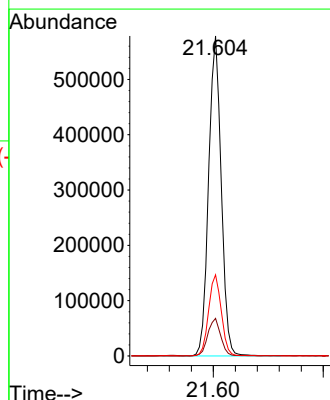
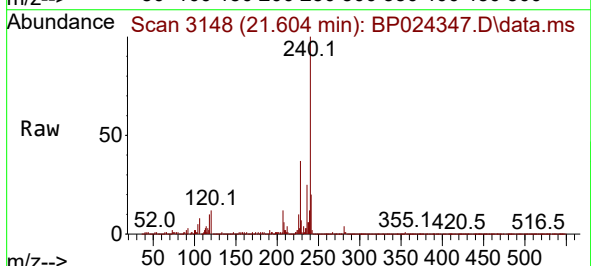
Tgt Ion:240 Resp: 916621

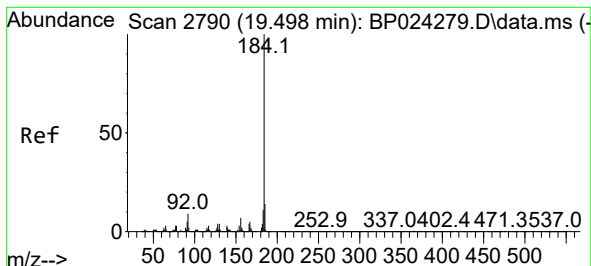
Ion Ratio Lower Upper

240 100

120 11.7 9.8 14.8

236 25.4 20.9 31.3





#77

Benzidine

Concen: 131.539 ng

RT: 19.486 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

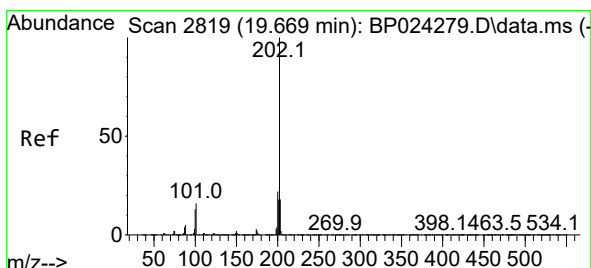
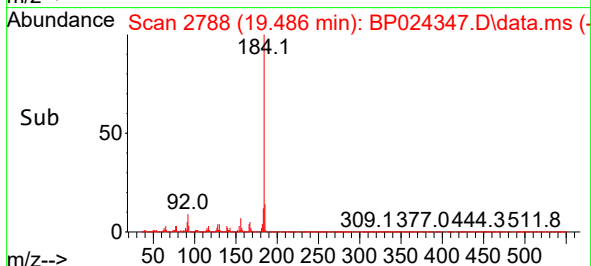
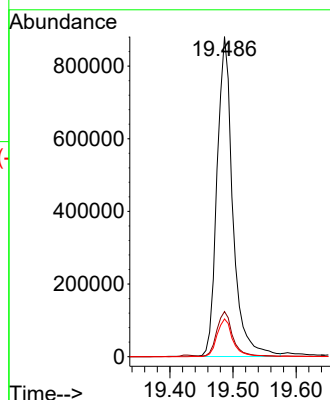
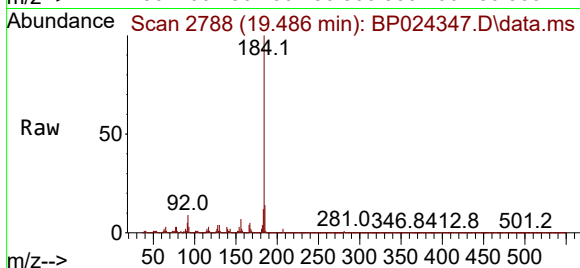
Tgt Ion:184 Resp: 1528339

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.8 9.2 13.8



#78

Pyrene

Concen: 41.331 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.012 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

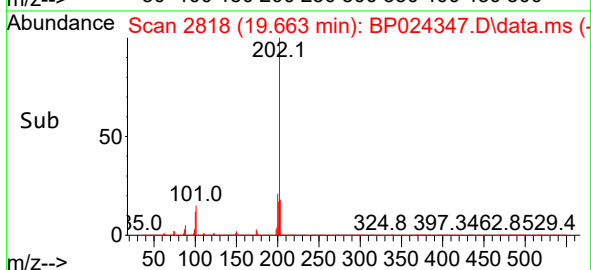
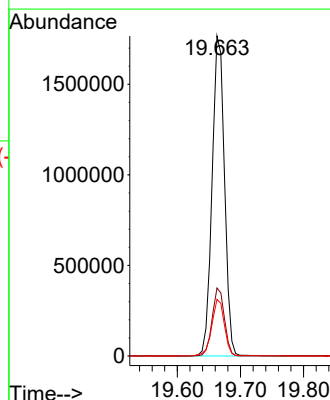
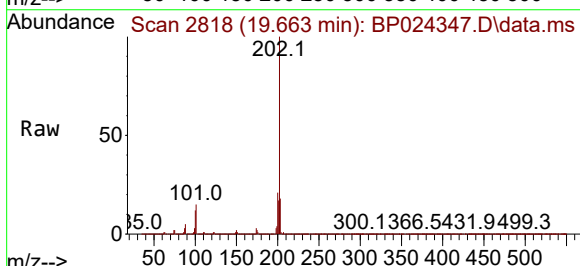
Tgt Ion:202 Resp: 2407621

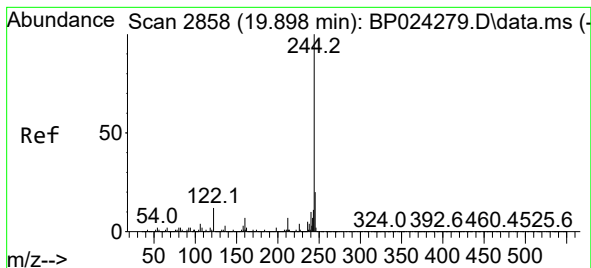
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 62.016 ng

RT: 19.886 min Scan# 2856

Delta R.T. 0.012 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

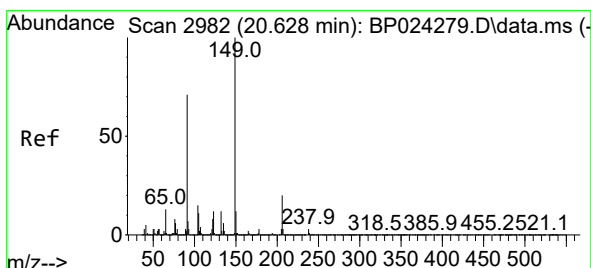
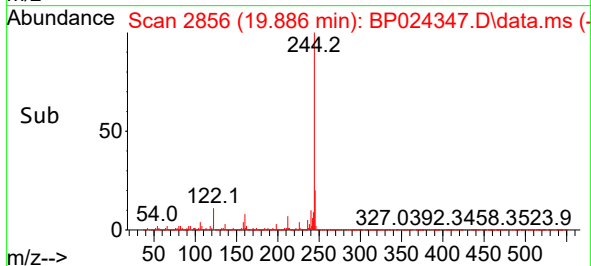
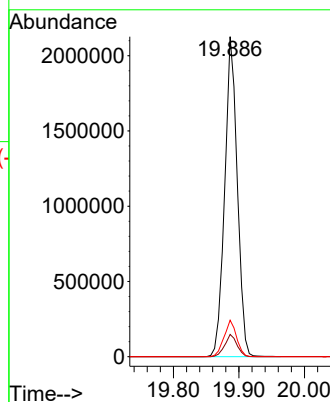
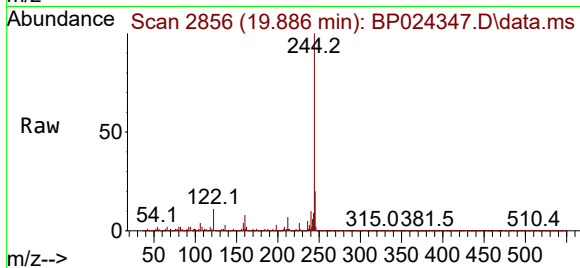
Tgt Ion:244 Resp: 2820222

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.4 9.4 14.0



#80

Butylbenzylphthalate

Concen: 44.728 ng

RT: 20.622 min Scan# 2981

Delta R.T. 0.018 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

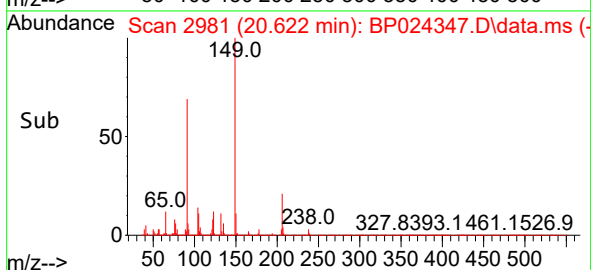
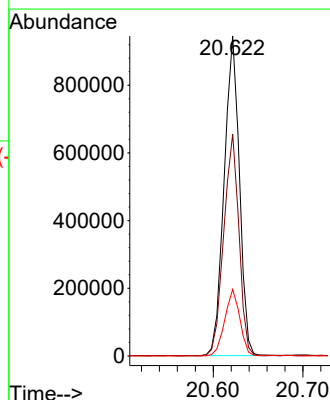
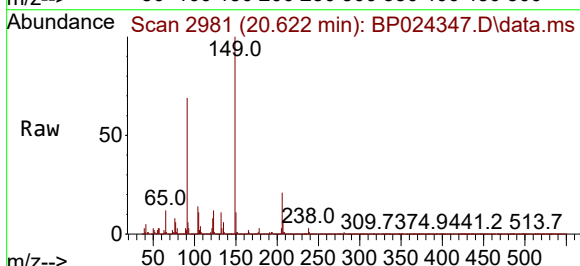
Tgt Ion:149 Resp: 1116005

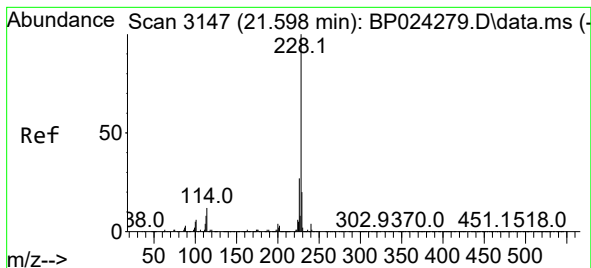
Ion Ratio Lower Upper

149 100

91 69.4 56.4 84.6

206 20.8 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.464 ng

RT: 21.586 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

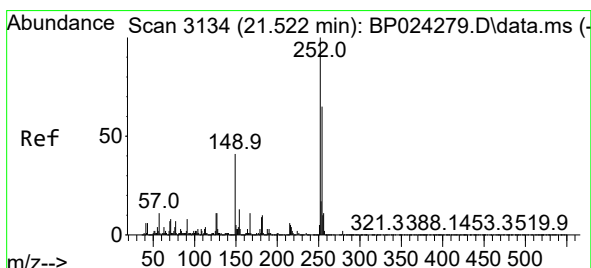
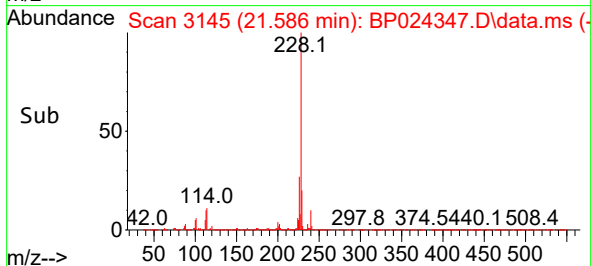
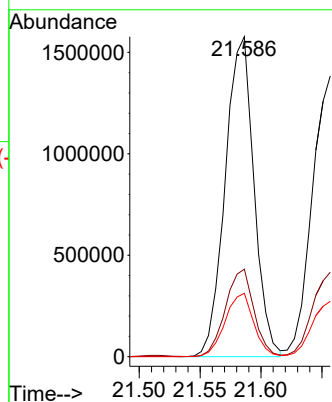
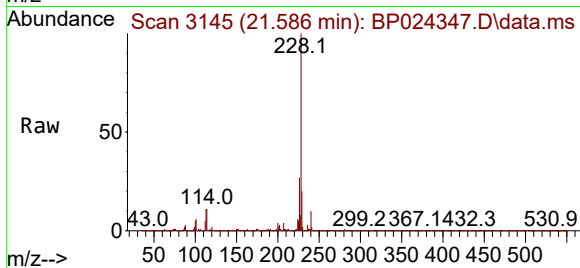
Tgt Ion:228 Resp: 2590264

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 31.617 ng

RT: 21.510 min Scan# 3132

Delta R.T. 0.018 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

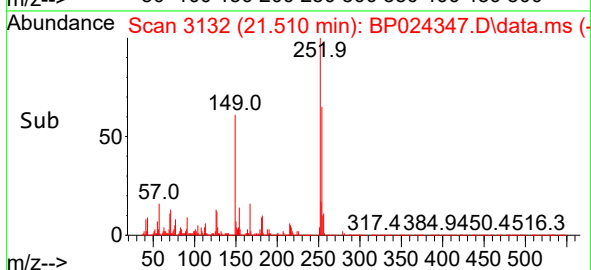
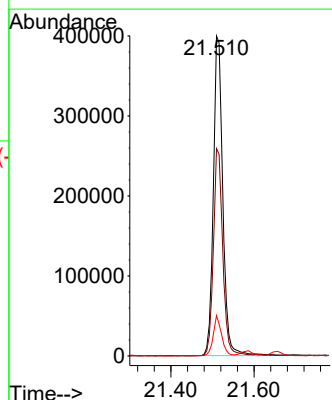
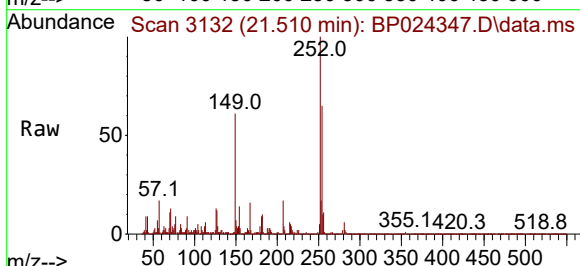
Tgt Ion:252 Resp: 632248

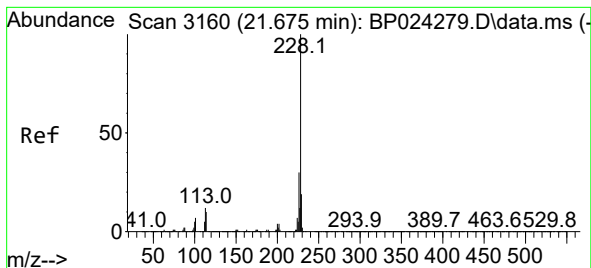
Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

126 12.6 8.8 13.2





#83

Chrysene

Concen: 43.944 ng

RT: 21.657 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

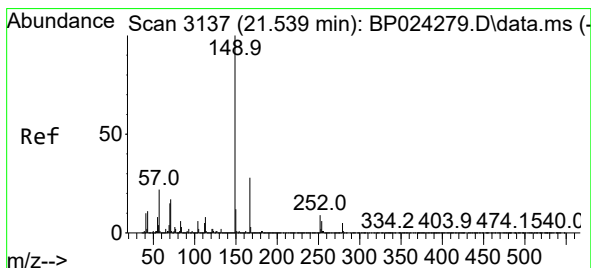
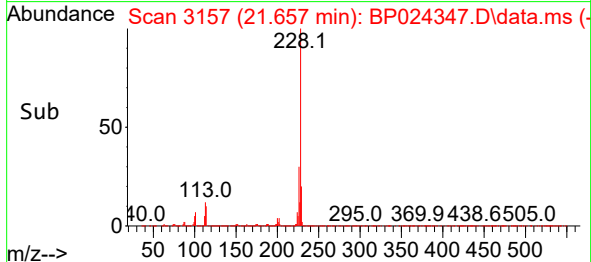
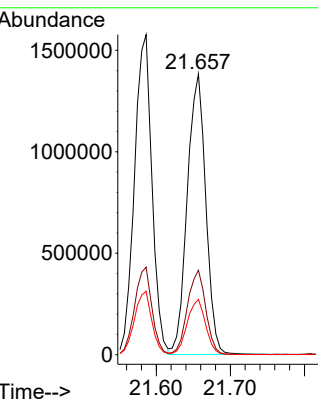
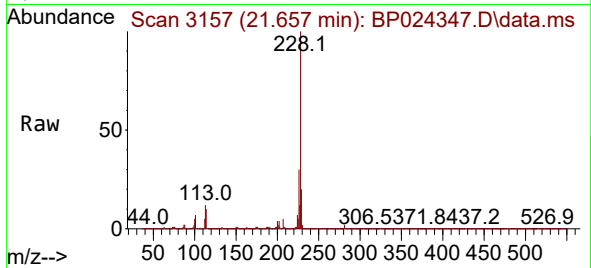
Tgt Ion:228 Resp: 2398617

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.431 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.018 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

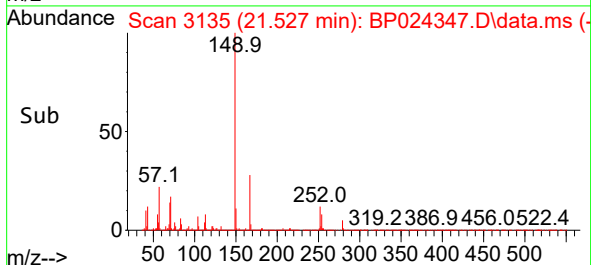
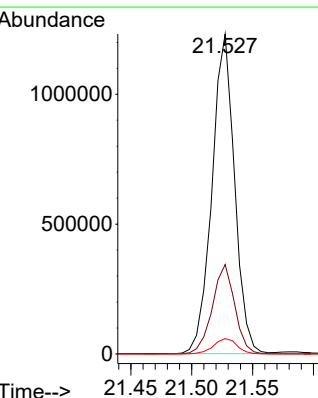
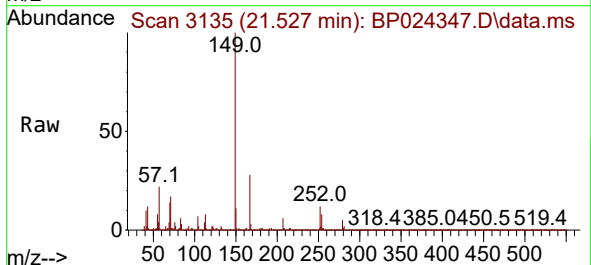
Tgt Ion:149 Resp: 1588560

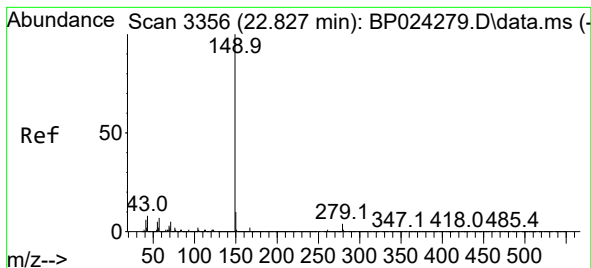
Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

279 4.8 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 47.527 ng

RT: 22.804 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

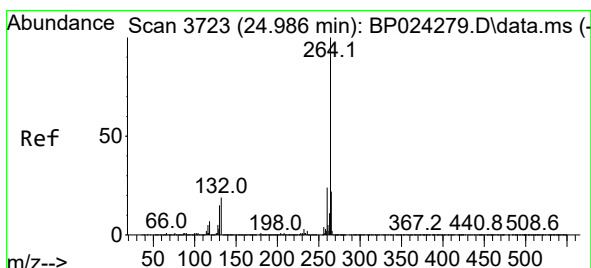
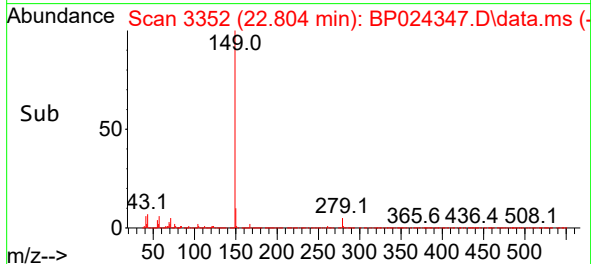
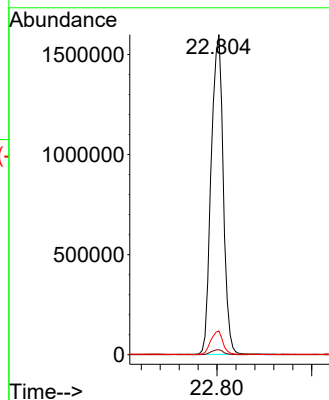
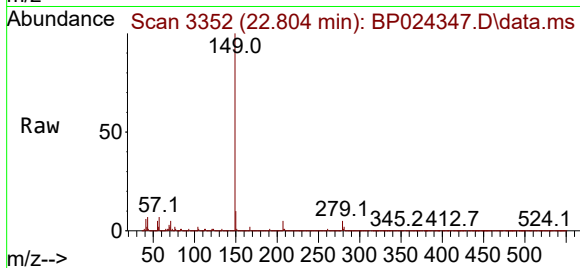
Tgt Ion:149 Resp: 2826145

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.3 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

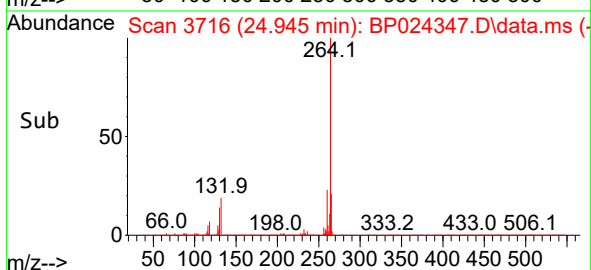
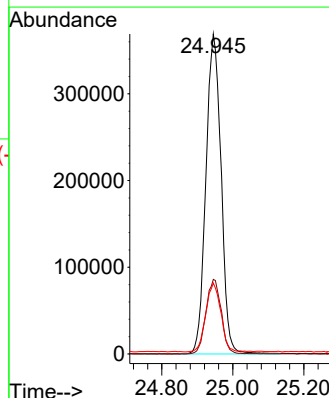
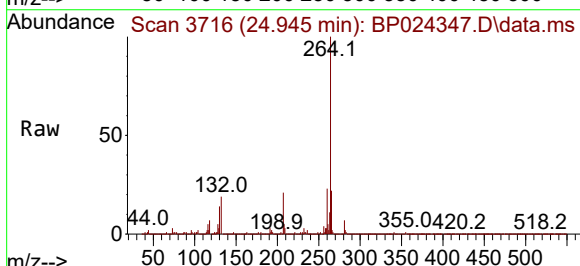
Tgt Ion:264 Resp: 1099919

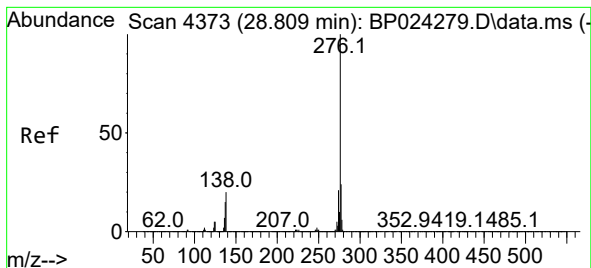
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.447 ng

RT: 28.739 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

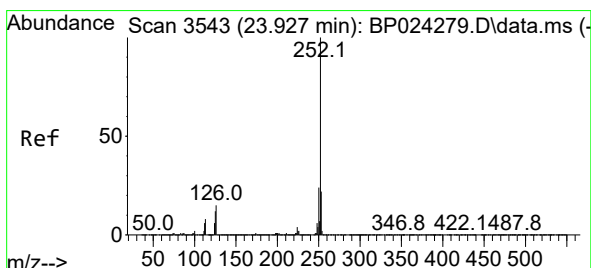
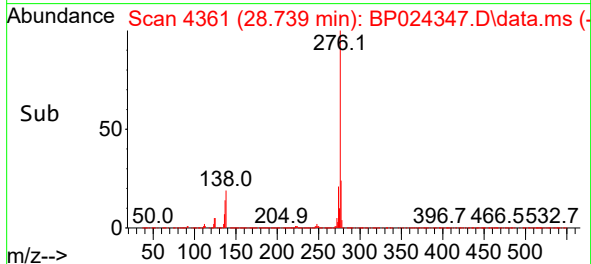
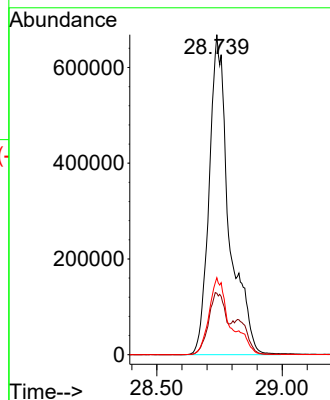
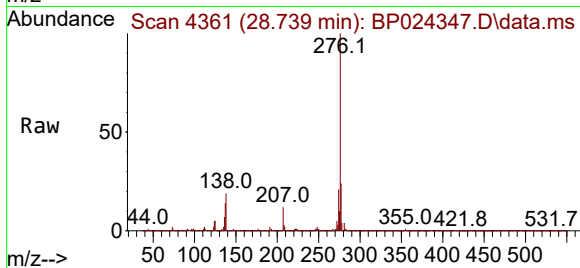
Tgt Ion:276 Resp: 3699444

Ion Ratio Lower Upper

276 100

138 16.8 14.5 21.7

277 21.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.225 ng

RT: 23.898 min Scan# 3538

Delta R.T. 0.012 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

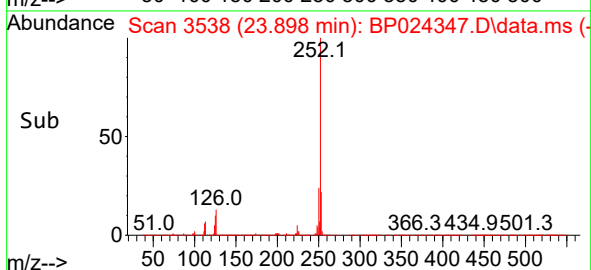
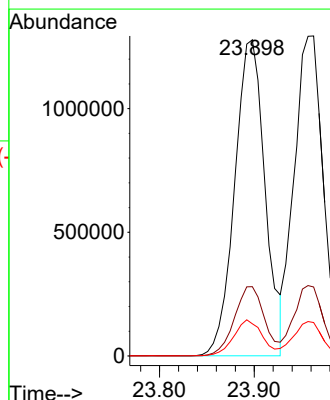
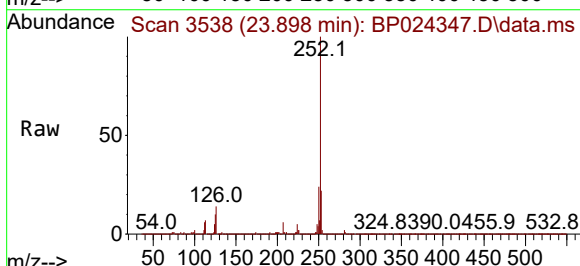
Tgt Ion:252 Resp: 2849850

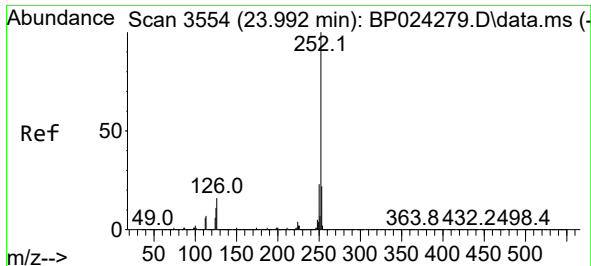
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.2 9.4 14.0

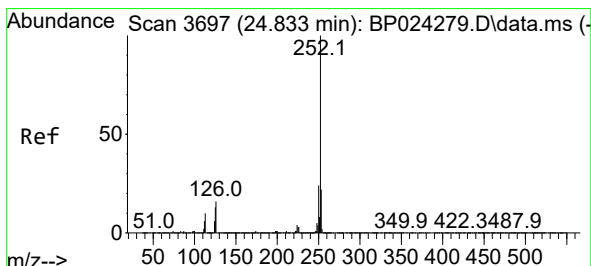
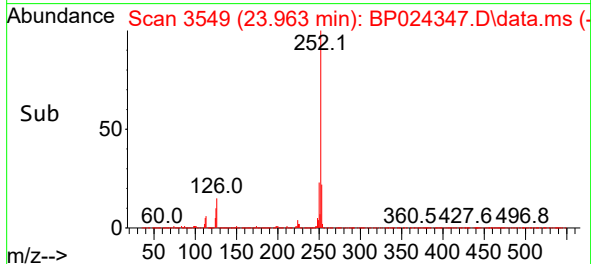
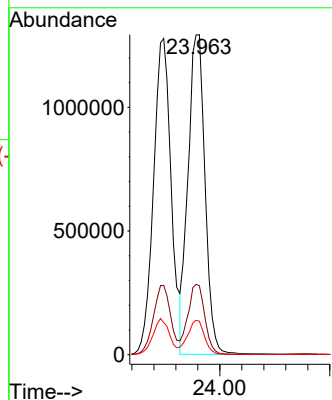
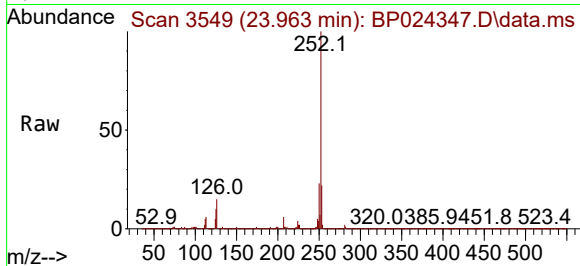




#89
Benzo(k)fluoranthene
Concen: 43.500 ng
RT: 23.963 min Scan# 3554
Delta R.T. 0.006 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

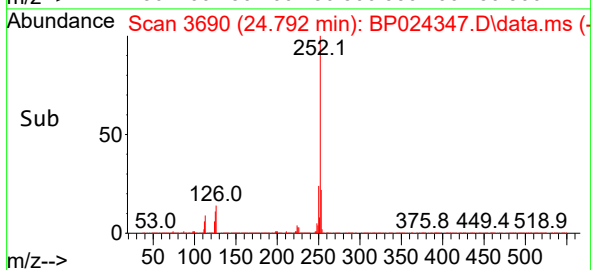
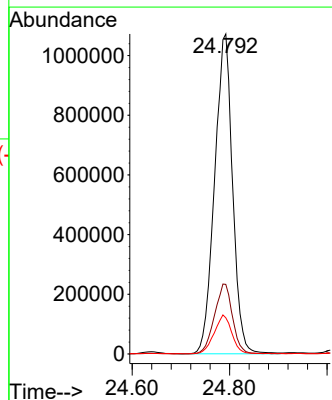
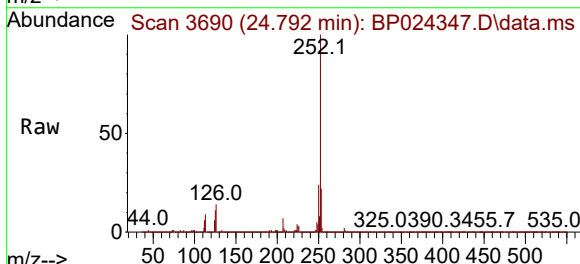
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04MSD

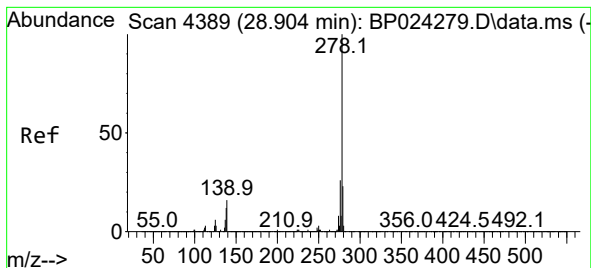
Tgt Ion:252 Resp: 2770299
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 48.191 ng
RT: 24.792 min Scan# 3690
Delta R.T. 0.012 min
Lab File: BP024347.D
Acq: 18 Apr 2025 18:07

Tgt Ion:252 Resp: 2740672
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.3 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 47.540 ng

RT: 28.827 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04MSD

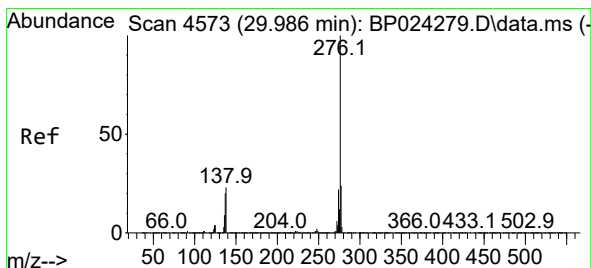
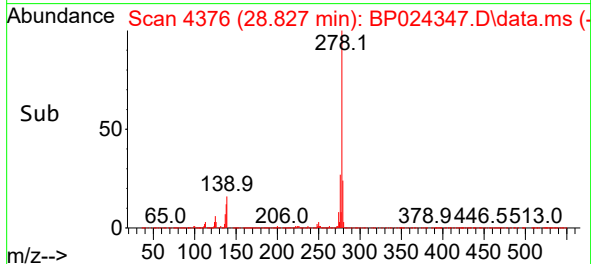
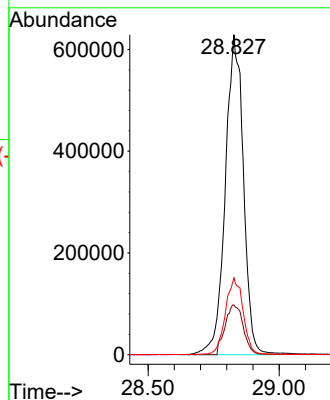
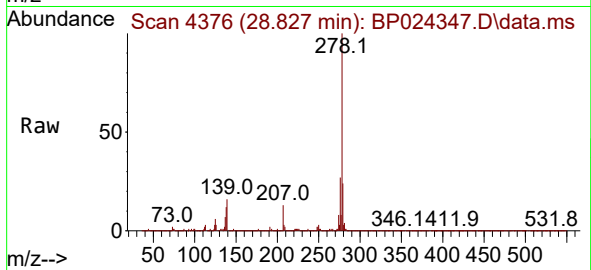
Tgt Ion:278 Resp: 3013188

Ion Ratio Lower Upper

278 100

139 15.6 12.6 19.0

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.257 ng

RT: 29.921 min Scan# 4562

Delta R.T. 0.024 min

Lab File: BP024347.D

Acq: 18 Apr 2025 18:07

Tgt Ion:276 Resp: 2984208

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 22.9 18.7 28.1

