

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
 Data File : BM049929.D
 Acq On : 15 Apr 2025 11:15
 Operator : RC/JU
 Sample : PB167577BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167577BS

Quant Time: Apr 15 12:36:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	372144	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	1305000	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	859595	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1699421	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1667631	20.000	ng	0.00
86) Perylene-d12	24.403	264	1728437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2800461	127.784	ng	0.00
7) Phenol-d6	6.951	99	3447148	126.422	ng	0.00
23) Nitrobenzene-d5	8.928	82	1976870	84.354	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1754313	140.310	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	5335402	84.166	ng	0.00
79) Terphenyl-d14	19.786	244	8761319	98.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	329364	36.492	ng	97
3) Pyridine	3.657	79	902568	38.061	ng	100
4) n-Nitrosodimethylamine	3.563	42	383854	42.535	ng	99
6) Aniline	7.098	93	621845	26.615	ng	99
8) 2-Chlorophenol	7.340	128	1033856	46.032	ng	99
9) Benzaldehyde	6.910	77	329066	23.517	ng	98
10) Phenol	6.981	94	1231858	46.295	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	988233	47.360	ng	100
12) 1,3-Dichlorobenzene	7.663	146	1168508	44.006	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1172347	43.879	ng	100
14) 1,2-Dichlorobenzene	8.122	146	1132578	45.005	ng	99
15) Benzyl Alcohol	8.016	79	764123	44.503	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1103982	47.468	ng	99
17) 2-Methylphenol	8.228	107	800269	48.804	ng	99
18) Hexachloroethane	8.851	117	410036	44.112	ng	94
19) n-Nitroso-di-n-propyla...	8.581	70	690538	45.725	ng	99
20) 3+4-Methylphenols	8.551	107	1068101	47.778	ng	100
22) Acetophenone	8.592	105	1379423	43.494	ng	100
24) Nitrobenzene	8.969	77	989812	43.863	ng	98
25) Isophorone	9.498	82	1880139	47.891	ng	99
26) 2-Nitrophenol	9.681	139	536665	44.870	ng	99
27) 2,4-Dimethylphenol	9.751	122	893806	65.942	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1187922	45.197	ng	99
29) 2,4-Dichlorophenol	10.228	162	1028800	45.661	ng	99
30) 1,2,4-Trichlorobenzene	10.433	180	1143710	43.879	ng	99
31) Naphthalene	10.616	128	2836214	42.296	ng	99
32) Benzoic acid	9.904	122	529642	34.455	ng	97
33) 4-Chloroaniline	10.739	127	573155	24.206	ng	99
34) Hexachlorobutadiene	10.904	225	720159	44.667	ng	98
35) Caprolactam	11.516	113	284818	44.075	ng	96
36) 4-Chloro-3-methylphenol	11.869	107	908816	46.048	ng	100
37) 2-Methylnaphthalene	12.233	142	1891326	40.032	ng	100
38) 1-Methylnaphthalene	12.451	142	1994230	43.326	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1310150	43.566	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1722388	163.451	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	877590	45.860	ng	98

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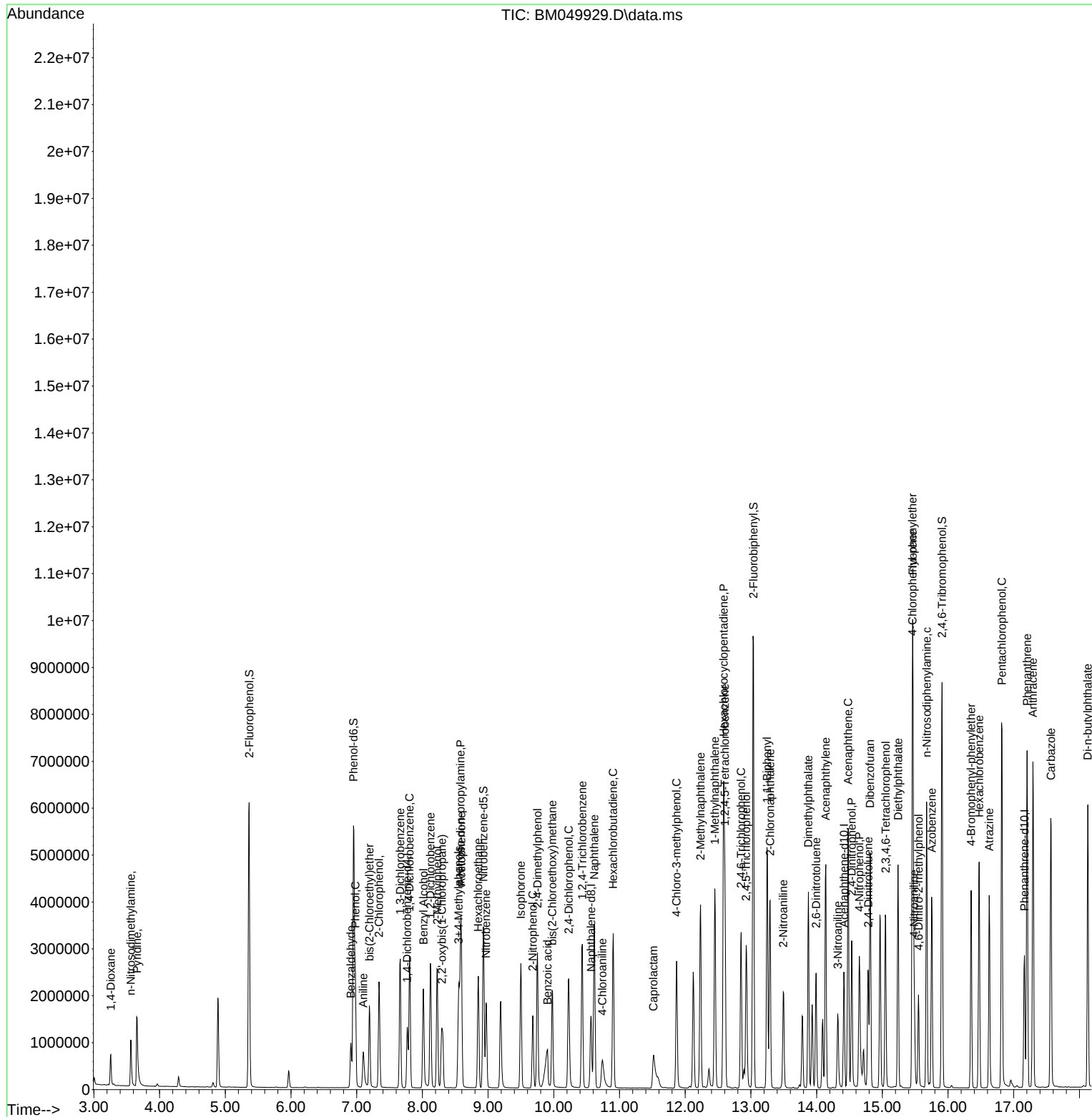
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	951142	45.738	ng	99
46) 1,1'-Biphenyl	13.245	154	2737950	42.848	ng	100
47) 2-Chloronaphthalene	13.292	162	2184876	43.503	ng	99
48) 2-Nitroaniline	13.492	65	545085	46.913	ng	96
49) Acenaphthylene	14.139	152	3457932	47.266	ng	100
50) Dimethylphthalate	13.874	163	2718514	44.828	ng	99
51) 2,6-Dinitrotoluene	13.992	165	589963	46.433	ng	97
52) Acenaphthene	14.480	154	2002580	43.034	ng	99
53) 3-Nitroaniline	14.321	138	466945	38.025	ng	96
54) 2,4-Dinitrophenol	14.533	184	796405	85.963	ng	97
55) Dibenzofuran	14.816	168	3286910	42.252	ng	99
56) 4-Nitrophenol	14.651	139	1021173	93.317	ng	98
57) 2,4-Dinitrotoluene	14.786	165	834436	49.229	ng	95
58) Fluorene	15.463	166	2755356	44.559	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	819934	44.985	ng	98
60) Diethylphthalate	15.239	149	2539531	43.668	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	1515550	45.714	ng	99
62) 4-Nitroaniline	15.486	138	573366	45.150	ng	100
63) Azobenzene	15.751	77	2135715	42.894	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	497708	46.476	ng	98
66) n-Nitrosodiphenylamine	15.674	169	2348681	46.182	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	913125	46.285	ng	97
68) Hexachlorobenzene	16.474	284	1053168	46.541	ng	99
69) Atrazine	16.627	200	816421	61.914	ng	98
70) Pentachlorophenol	16.821	266	1497814	89.906	ng	99
71) Phenanthrene	17.204	178	4249848	45.614	ng	100
72) Anthracene	17.292	178	4334490	47.208	ng	100
73) Carbazole	17.568	167	3895183	45.042	ng	99
74) Di-n-butylphthalate	18.127	149	4400587	44.179	ng	100
75) Fluoranthene	19.221	202	5134794	44.824	ng	99
77) Benzidine	19.409	184	1800665	81.392	ng	100
78) Pyrene	19.586	202	5314431	46.241	ng	99
80) Butylbenzylphthalate	20.480	149	1979147	45.829	ng	99
81) Benzo(a)anthracene	21.380	228	5216434	47.067	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1250641	29.881	ng	100
83) Chrysene	21.445	228	4810031	45.650	ng	100
84) Bis(2-ethylhexyl)phtha...	21.303	149	2821380	44.841	ng	98
85) Di-n-octyl phthalate	22.439	149	4860081	44.153	ng	100
87) Indeno(1,2,3-cd)pyrene	27.803	276	5958306	46.246	ng	99
88) Benzo(b)fluoranthene	23.456	252	4896246	44.355	ng	99
89) Benzo(k)fluoranthene	23.521	252	4979762	46.551	ng	100
90) Benzo(a)pyrene	24.262	252	4746443	48.931	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	4886859	46.049	ng	99
92) Benzo(g,h,i)perylene	28.856	276	4718483	43.511	ng	98

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

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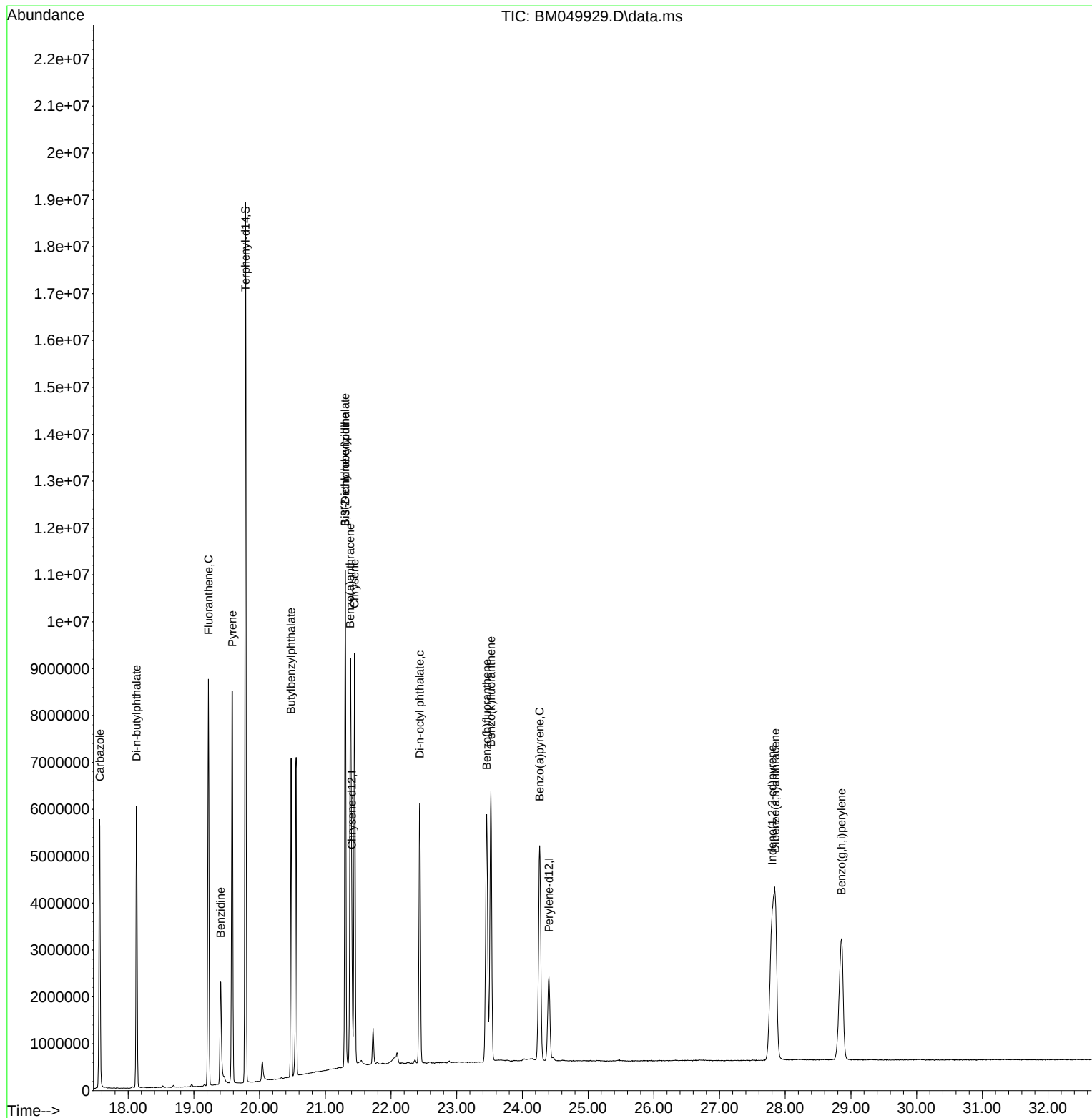
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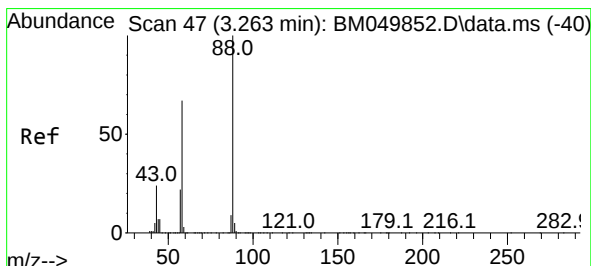
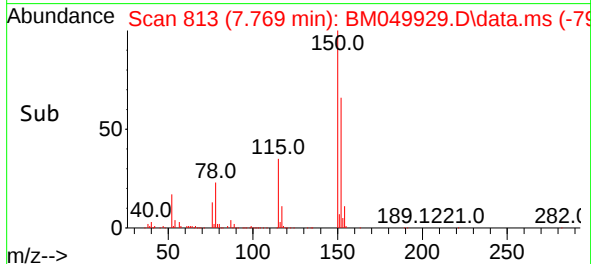
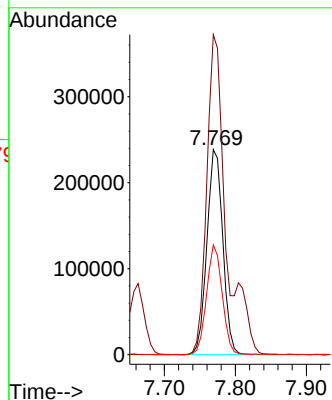
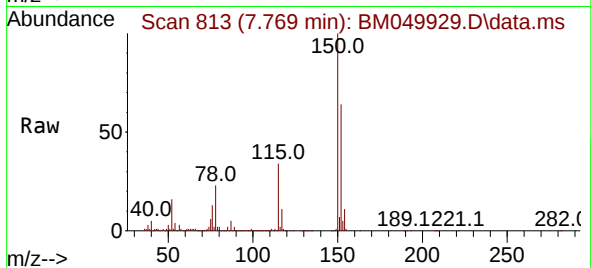




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM049929.D
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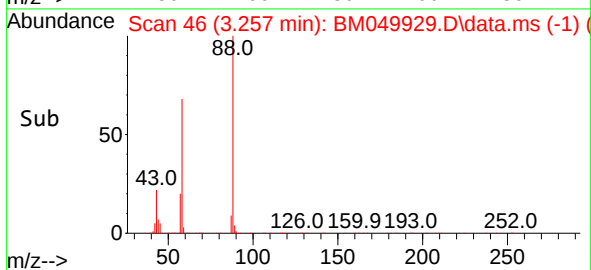
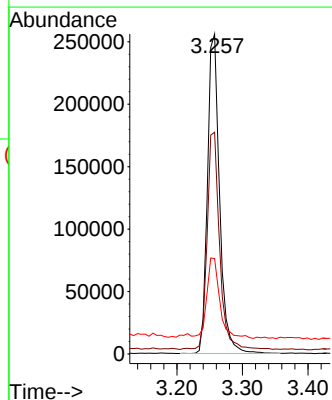
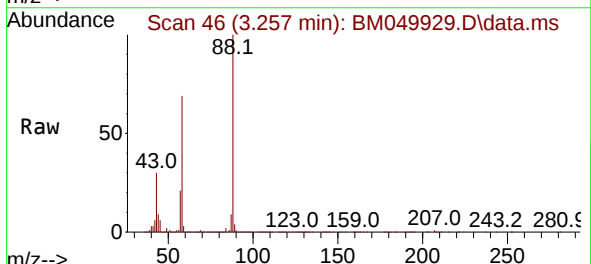
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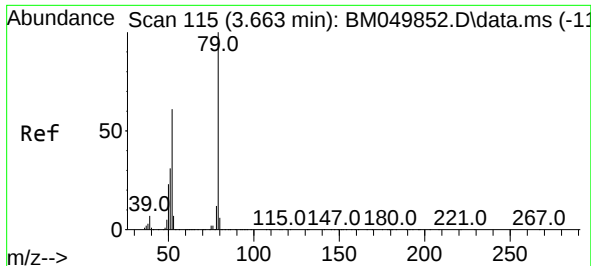
Tgt Ion:152 Resp: 372144
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.3 186.5
 115 53.5 41.1 61.7



#2
 1,4-Dioxane
 Concen: 36.492 ng
 RT: 3.257 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: BM049929.D
 Acq: 15 Apr 2025 11:15

Tgt Ion: 88 Resp: 329364
 Ion Ratio Lower Upper
 88 100
 58 69.6 54.1 81.1
 43 27.1 20.2 30.4





#3

Pyridine

Concen: 38.061 ng

RT: 3.657 min Scan# 115

Delta R.T. -0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167577BS

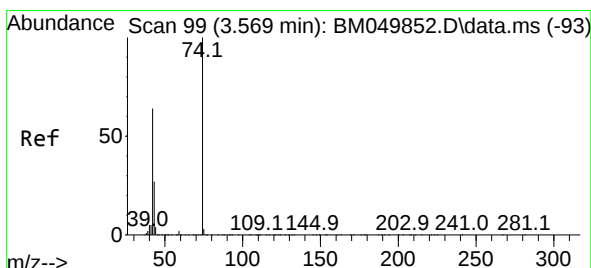
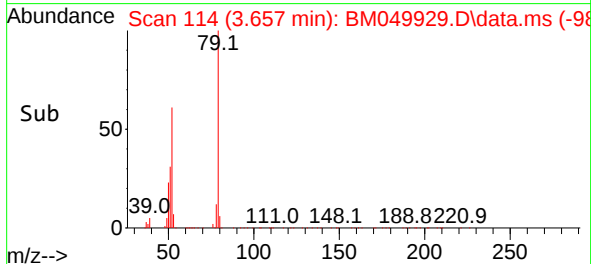
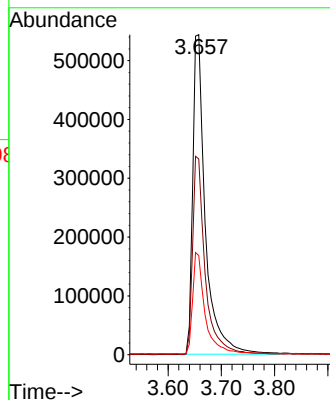
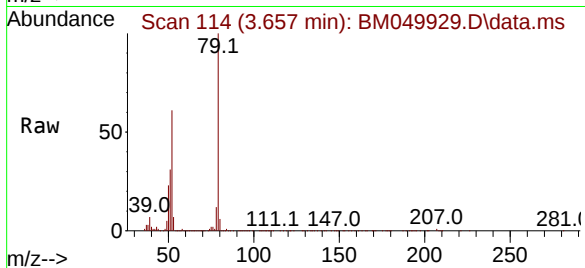
Tgt Ion: 79 Resp: 902568

Ion Ratio Lower Upper

79 100

52 61.1 48.9 73.3

51 31.0 25.0 37.6



#4

n-Nitrosodimethylamine

Concen: 42.535 ng

RT: 3.563 min Scan# 98

Delta R.T. -0.006 min

Lab File: BM049929.D

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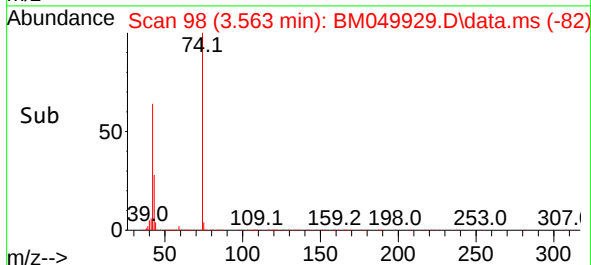
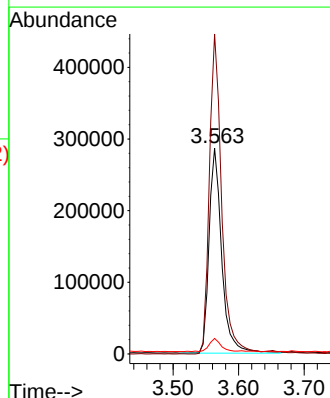
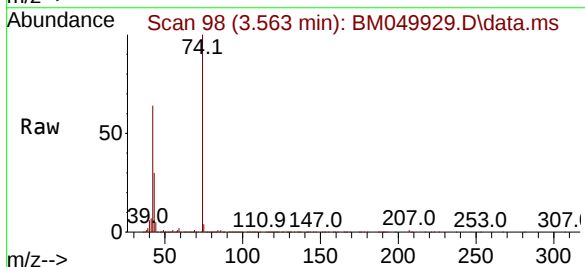
Tgt Ion: 42 Resp: 383854

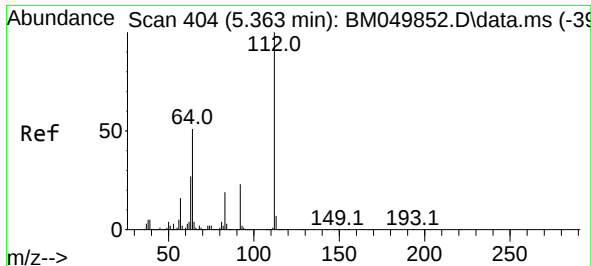
Ion Ratio Lower Upper

42 100

74 155.4 125.4 188.2

44 7.5 5.9 8.9

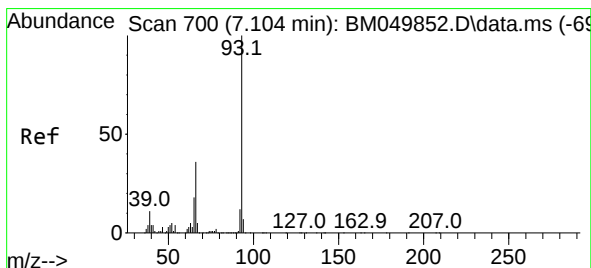
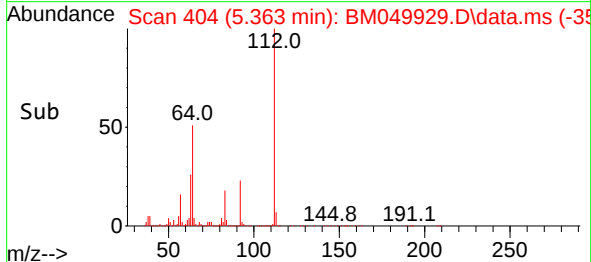
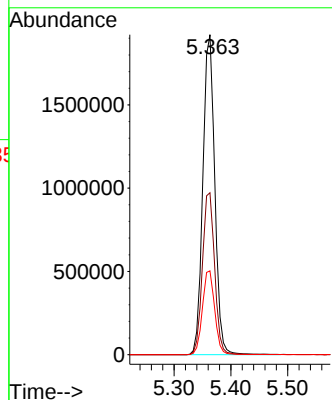
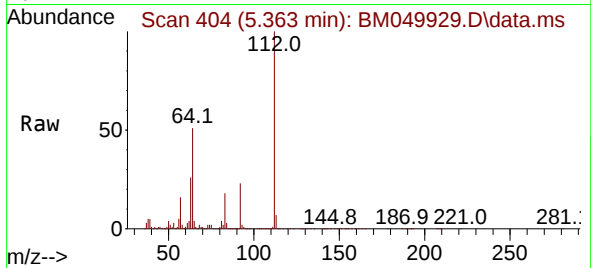




#5
2-Fluorophenol
Concen: 127.784 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
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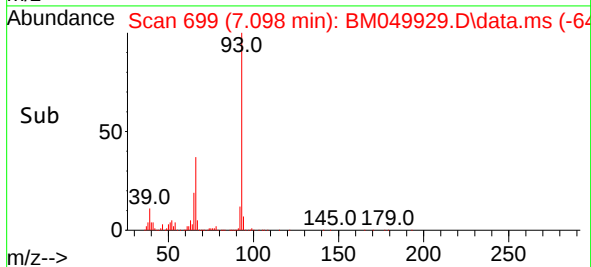
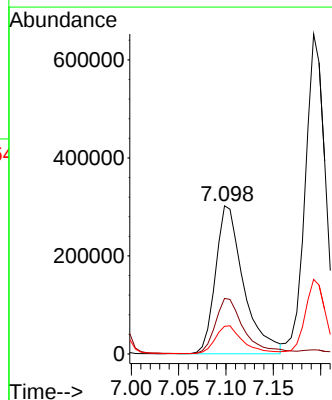
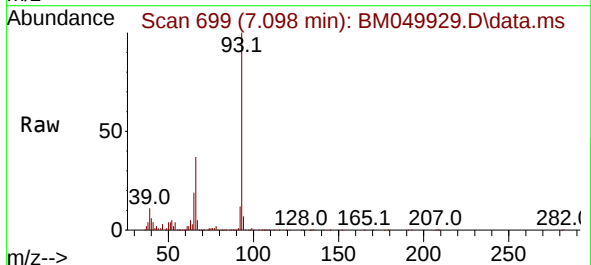
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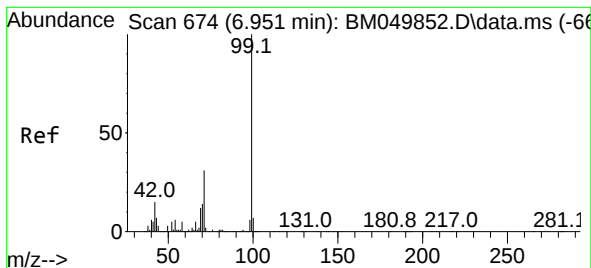
Tgt Ion:112 Resp: 2800461
Ion Ratio Lower Upper
112 100
64 50.6 41.0 61.6
63 26.2 21.5 32.3



#6
Aniline
Concen: 26.615 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion: 93 Resp: 621845
Ion Ratio Lower Upper
93 100
66 37.4 29.1 43.7
65 18.7 14.9 22.3





#7

Phenol-d6

Concen: 126.422 ng

RT: 6.951 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

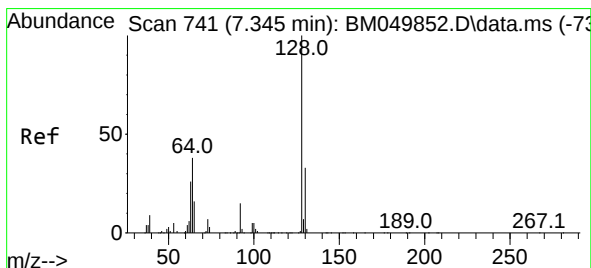
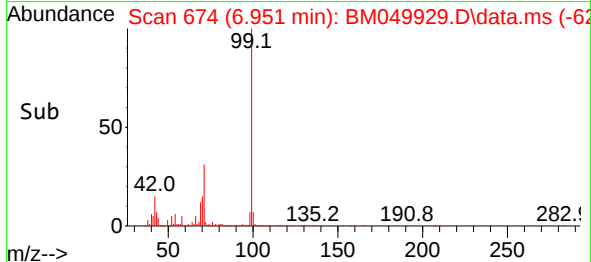
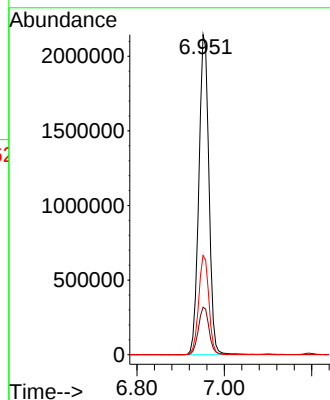
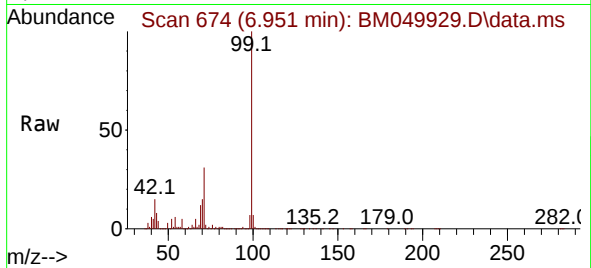
BNA_M

ClientSampleId :

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Tgt Ion: 99 Resp: 3447148

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.1	18.1
71	31.0	24.9	37.3



#8

2-Chlorophenol

Concen: 46.032 ng

RT: 7.340 min Scan# 740

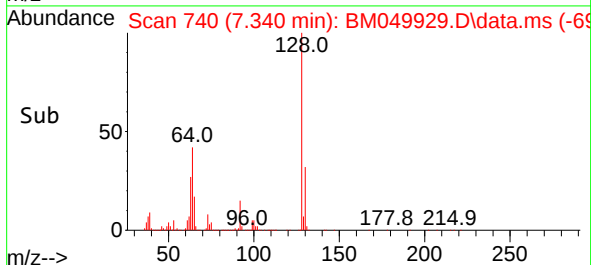
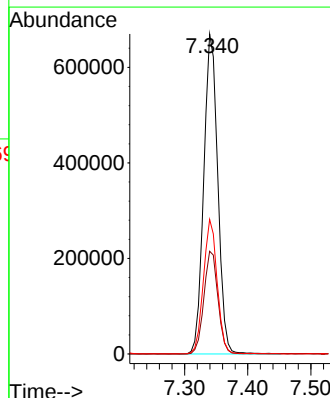
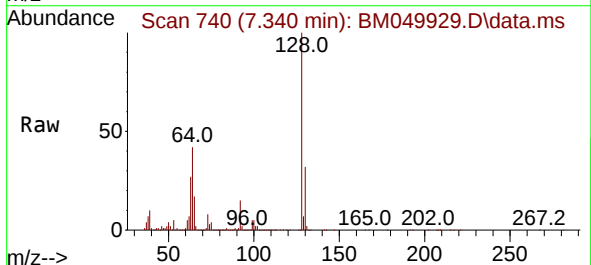
Delta R.T. -0.006 min

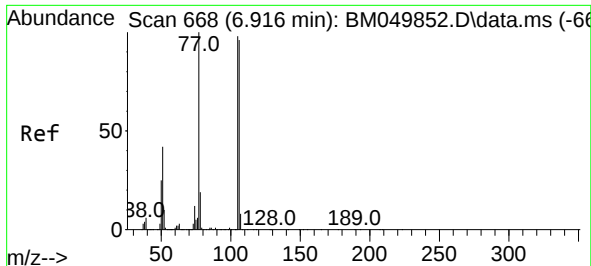
Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Tgt Ion:128 Resp: 1033856

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.6	52.6
64	42.1	21.1	61.1

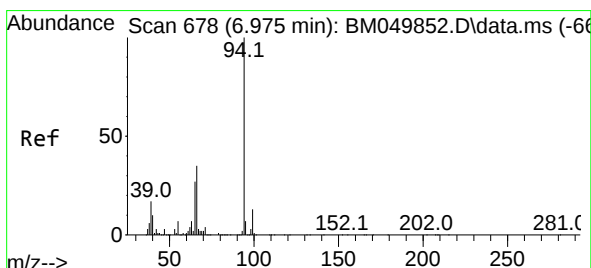
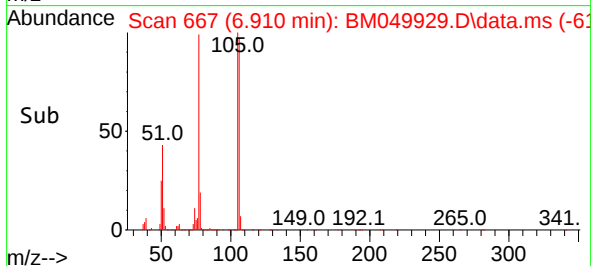
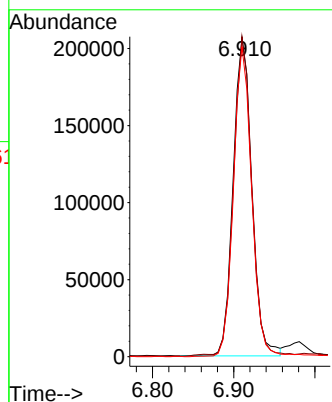
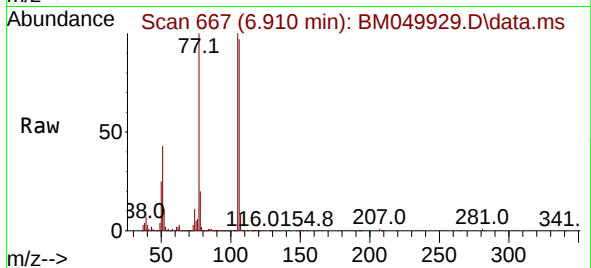




#9
Benzaldehyde
Concen: 23.517 ng
RT: 6.910 min Scan# 668
Delta R.T. -0.006 min
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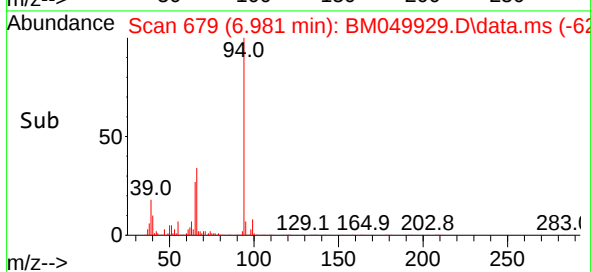
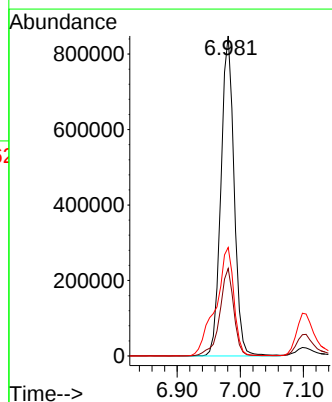
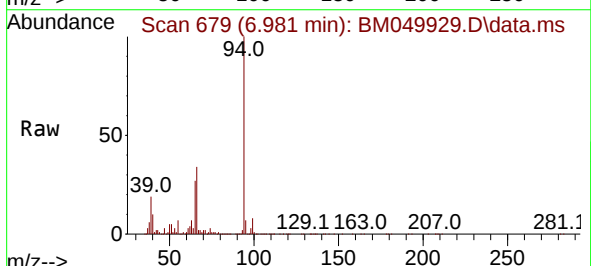
Instrument :
BNA_M
ClientSampleId :
PB167577BS

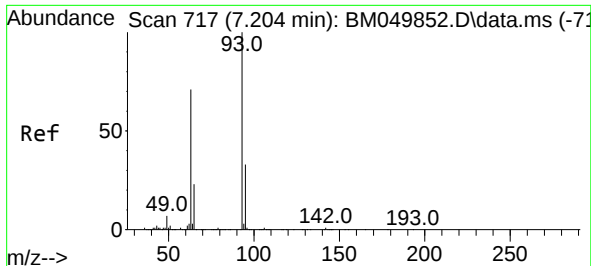
Tgt Ion: 77 Resp: 329066
Ion Ratio Lower Upper
77 100
105 100.5 78.3 118.3
106 97.3 76.0 116.0



#10
Phenol
Concen: 46.295 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion: 94 Resp: 1231858
Ion Ratio Lower Upper
94 100
65 27.3 7.3 47.3
66 33.9 14.8 54.8

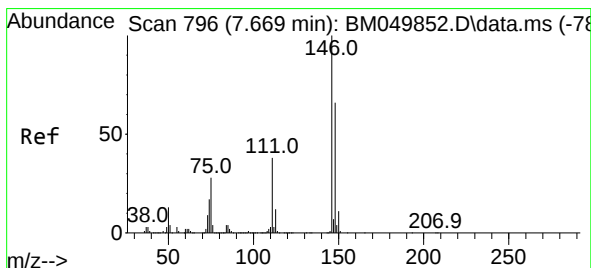
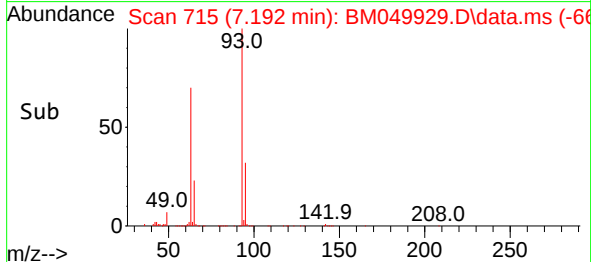
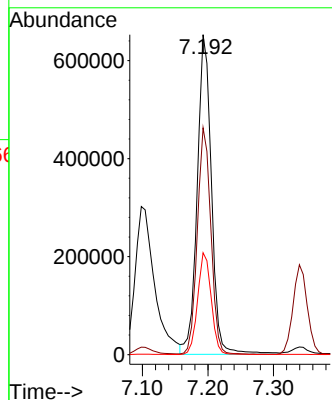
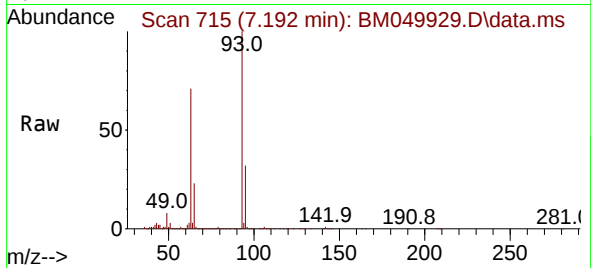




#11
bis(2-Chloroethyl)ether
Concen: 47.360 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

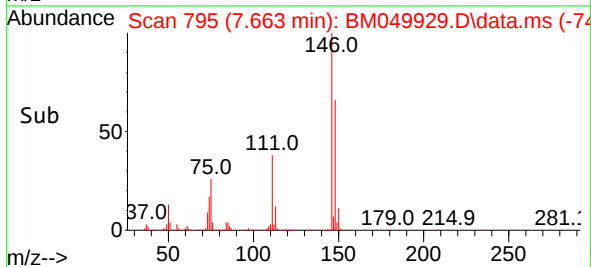
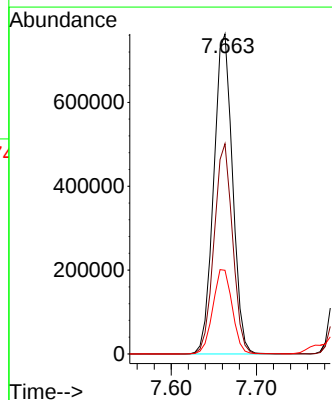
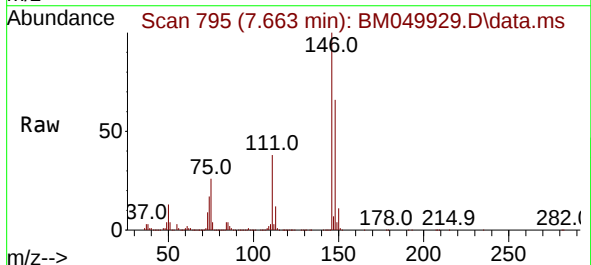
Instrument :
BNA_M
ClientSampleId :
PB167577BS

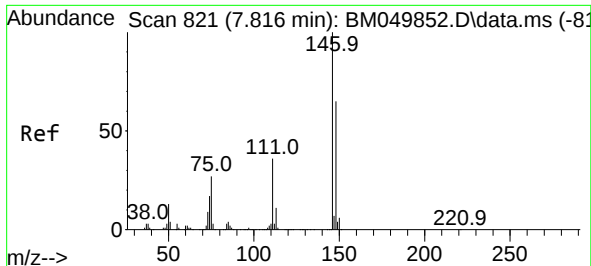
Tgt Ion: 93 Resp: 988233
Ion Ratio Lower Upper
93 100
63 70.9 50.9 90.9
95 31.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.006 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:146 Resp: 1168508
Ion Ratio Lower Upper
146 100
148 65.7 52.5 78.7
75 26.1 22.5 33.7

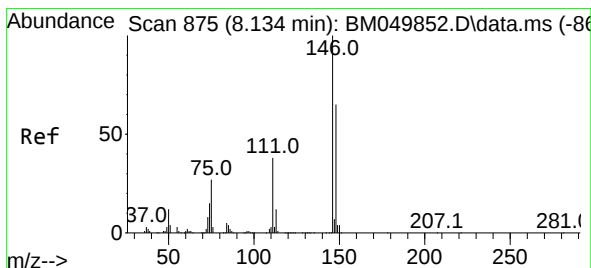
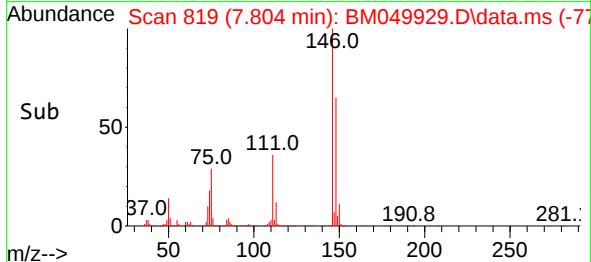
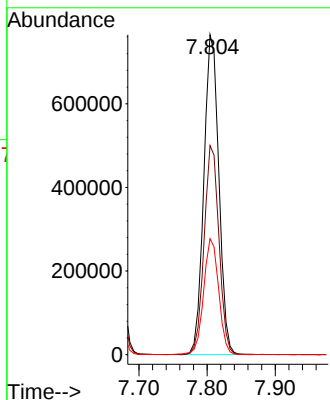
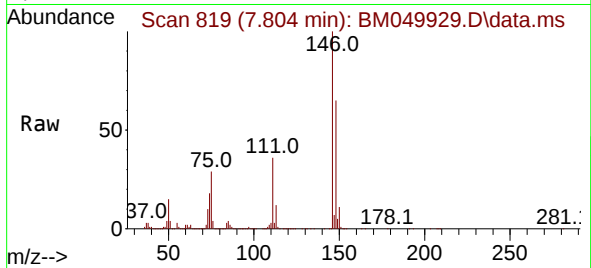




#13
 1,4-Dichlorobenzene
 Concen: 43.879 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM049929.D
 Acq: 15 Apr 2025 11:15

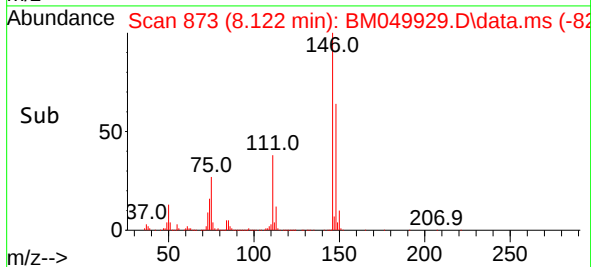
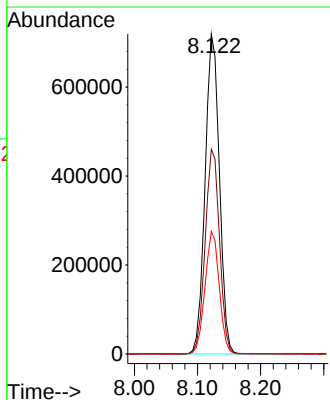
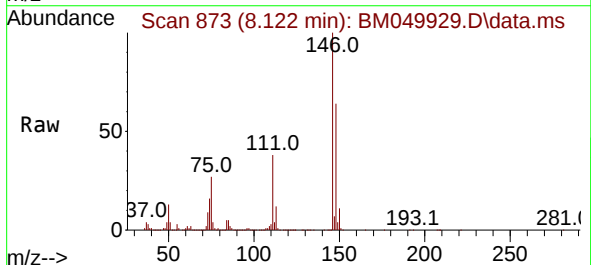
Instrument :
 BNA_M
 ClientSampleId :
 PB167577BS

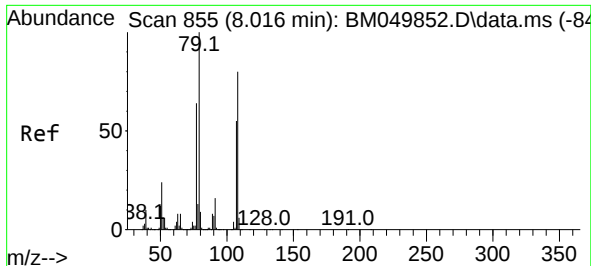
Tgt Ion:146 Resp: 1172347
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.4 78.6
 111 36.2 28.5 42.7



#14
 1,2-Dichlorobenzene
 Concen: 45.005 ng
 RT: 8.122 min Scan# 873
 Delta R.T. -0.012 min
 Lab File: BM049929.D
 Acq: 15 Apr 2025 11:15

Tgt Ion:146 Resp: 1132578
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.8
 111 38.3 30.2 45.4

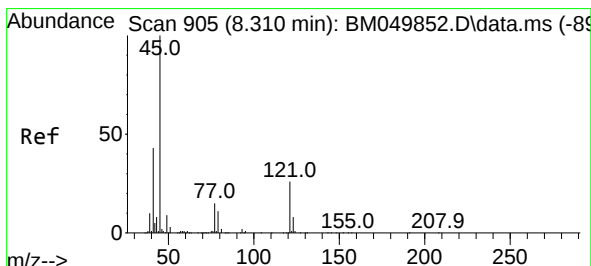
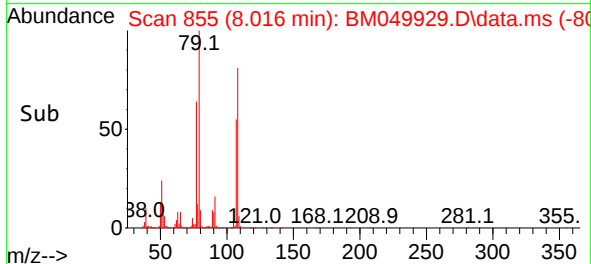
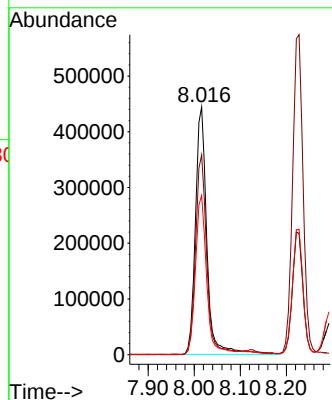
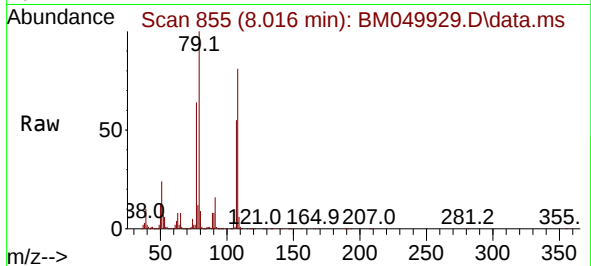




#15
Benzyl Alcohol
Concen: 44.503 ng
RT: 8.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

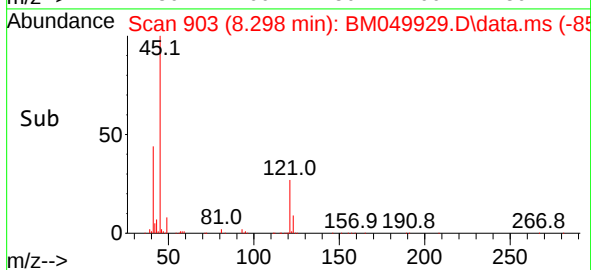
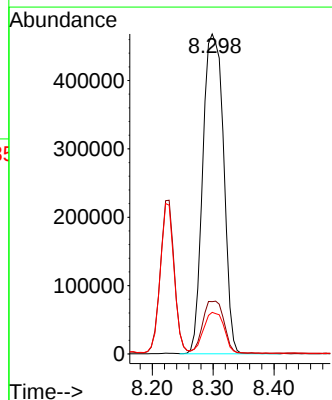
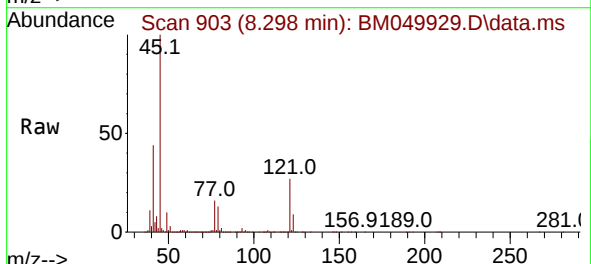
Instrument :
BNA_M
ClientSampleId :
PB167577BS

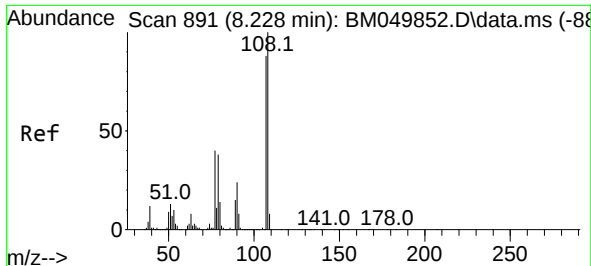
Tgt Ion: 79 Resp: 764123
Ion Ratio Lower Upper
79 100
108 80.7 63.6 95.4
77 64.3 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.468 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion: 45 Resp: 1103982
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.9
79 13.0 0.0 32.9



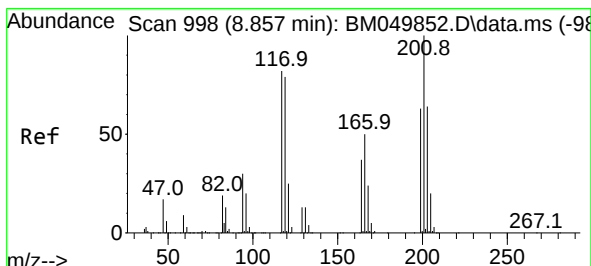
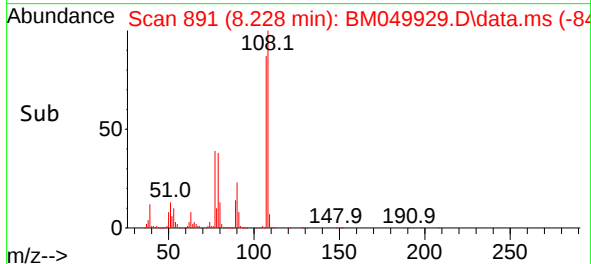
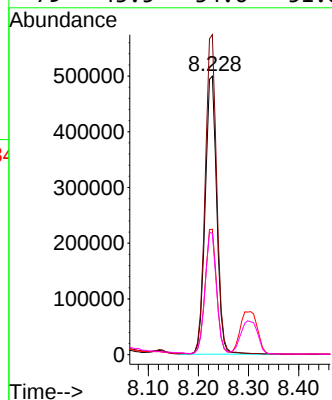
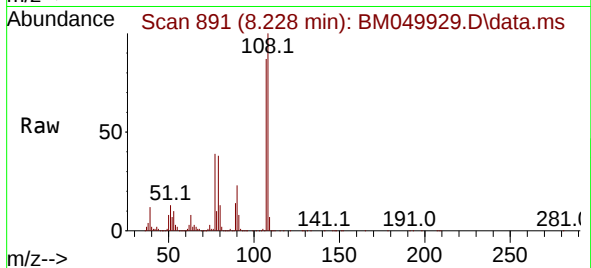


#17
2-Methylphenol
Concen: 48.804 ng
RT: 8.228 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Instrument :
BNA_M
ClientSampleId :
PB167577BS

Tgt Ion:107 Resp: 800269

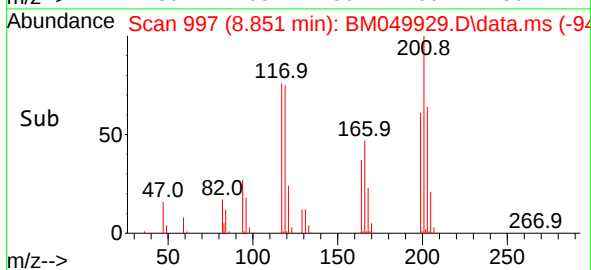
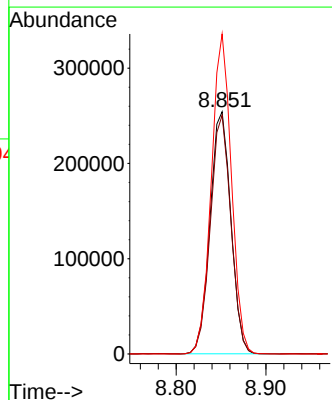
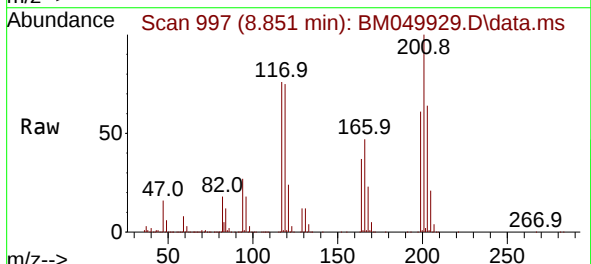
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.0	136.6
77	45.0	36.5	54.7
79	43.5	34.6	51.8

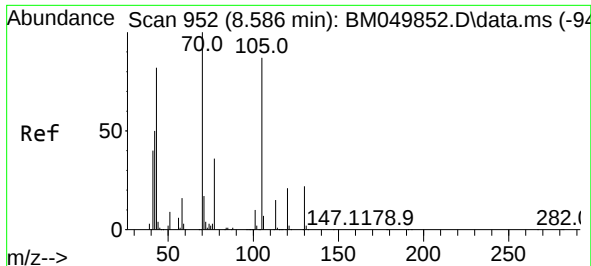


#18
Hexachloroethane
Concen: 44.112 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:117 Resp: 410036

Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.5	116.3
201	132.1	97.7	146.5



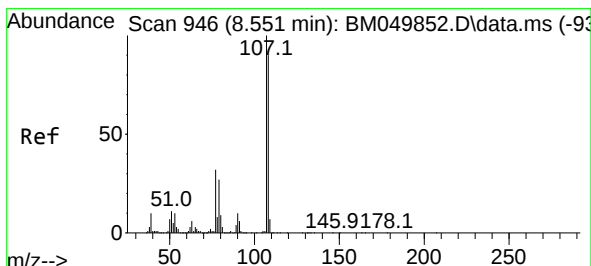
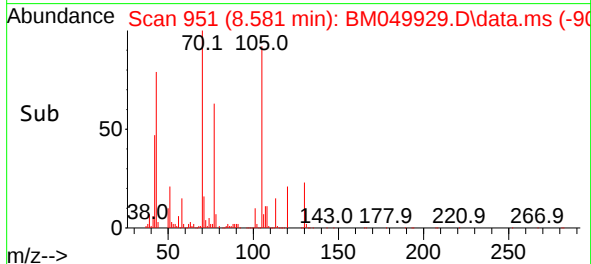
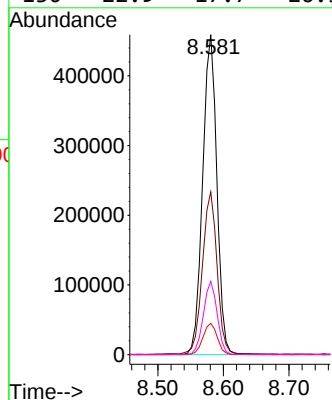
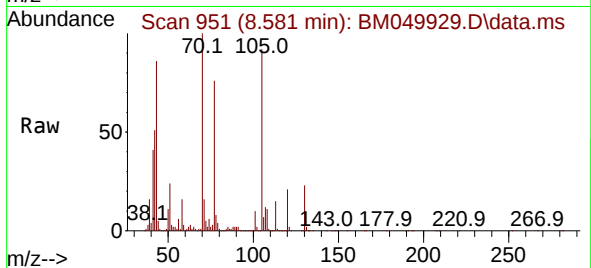


#19
n-Nitroso-di-n-propylamine
Concen: 45.725 ng
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Instrument :
BNA_M
ClientSampleId :
PB167577BS

Tgt Ion: 70 Resp: 690538

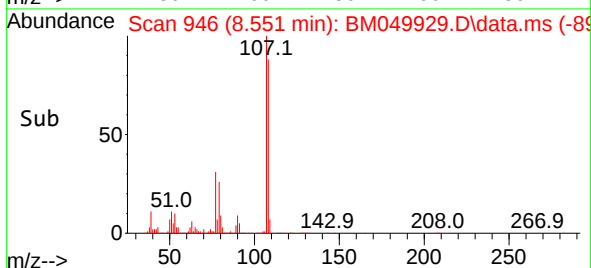
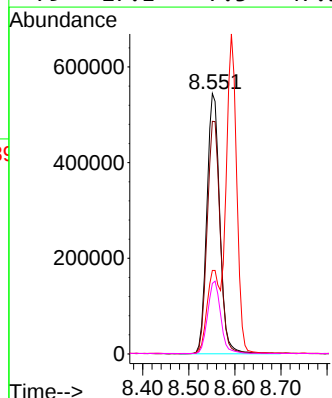
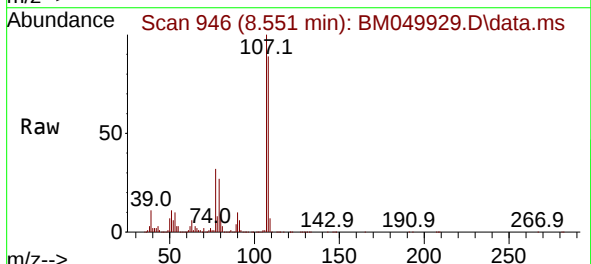
Ion	Ratio	Lower	Upper
70	100		
42	50.9	40.2	60.2
101	9.8	7.9	11.9
130	22.9	17.7	26.5

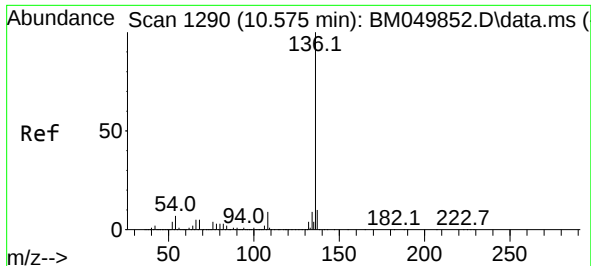


#20
3+4-Methylphenols
Concen: 47.778 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion: 107 Resp: 1068101

Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.6	109.6
77	32.1	11.7	51.7
79	27.1	7.3	47.3

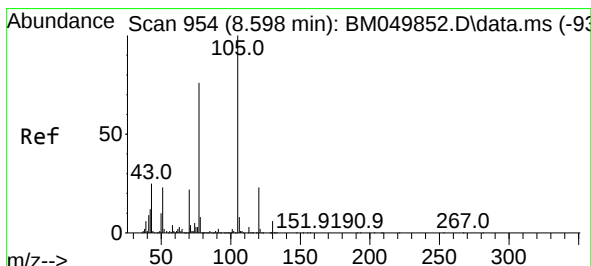
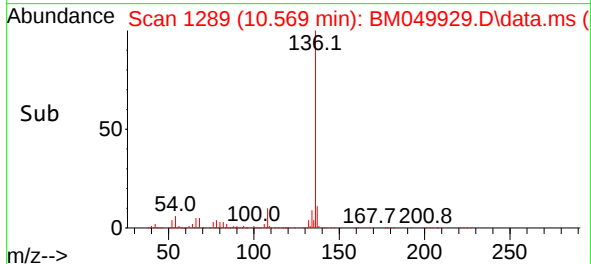
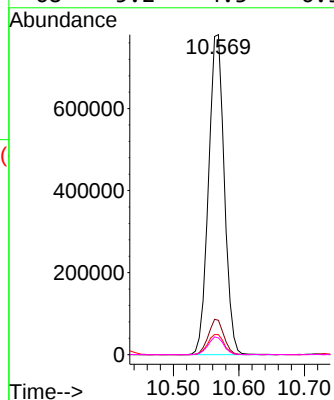
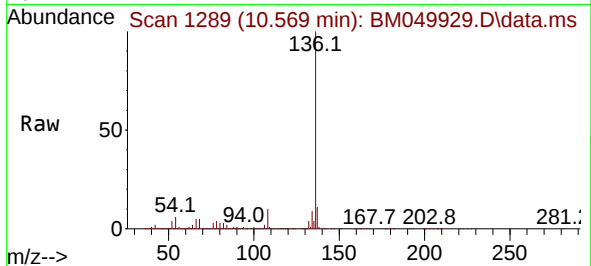




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

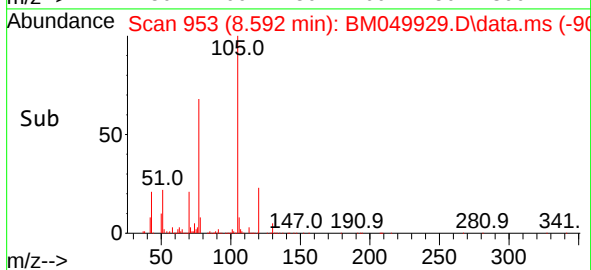
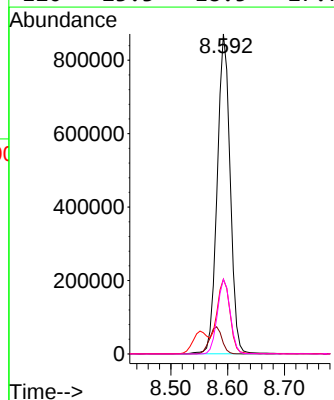
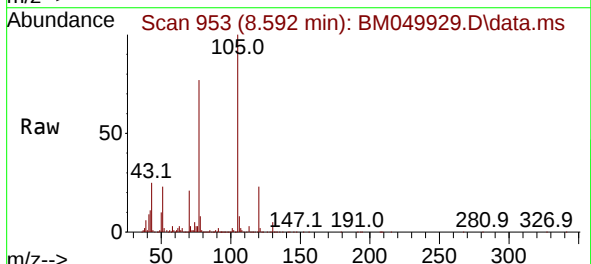
Instrument :
BNA_M
ClientSampleId :
PB167577BS

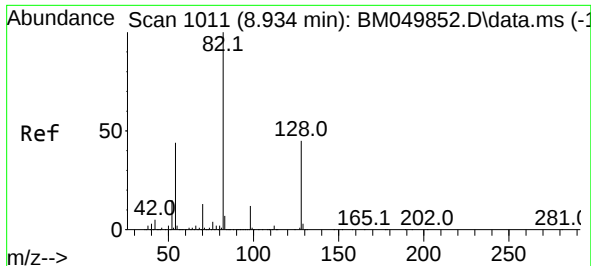
Tgt Ion:136 Resp: 1305000
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 6.3 5.3 7.9
68 5.2 4.3 6.5



#22
Acetophenone
Concen: 43.494 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:105 Resp: 1379423
Ion Ratio Lower Upper
105 100
71 3.3 3.0 4.4
51 23.4 18.6 27.8
120 23.3 18.5 27.7

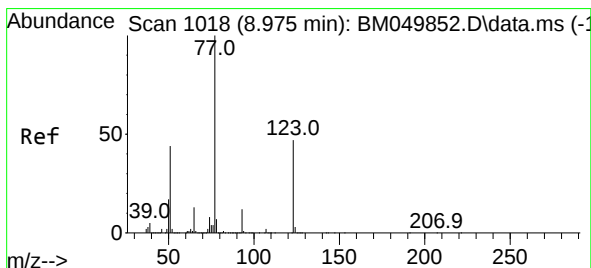
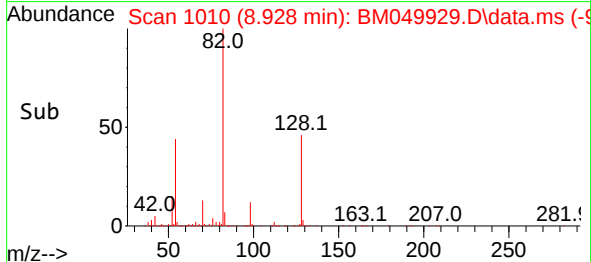
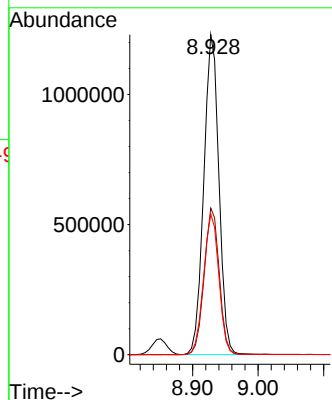
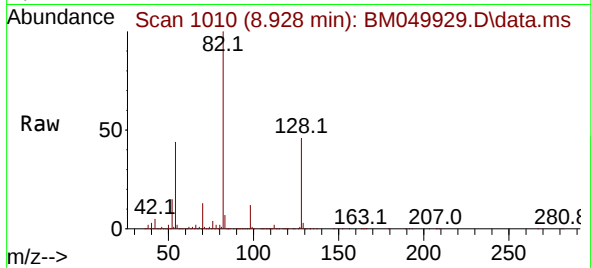




#23
Nitrobenzene-d5
Concen: 84.354 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

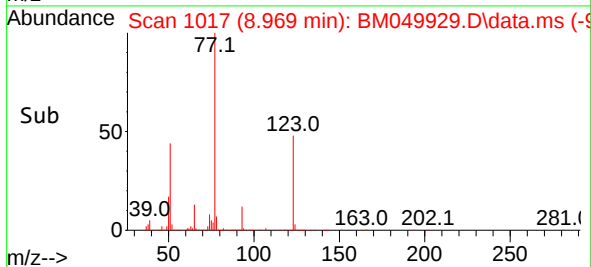
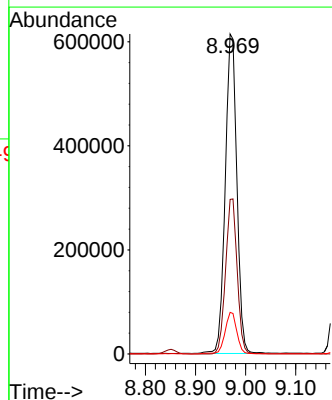
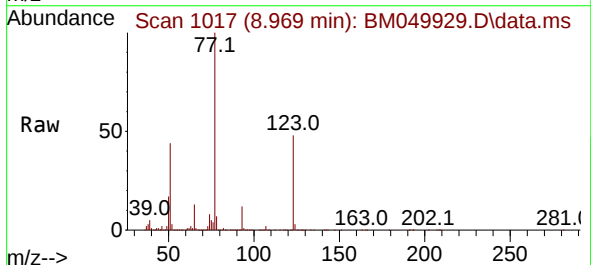
Instrument :
BNA_M
ClientSampleId :
PB167577BS

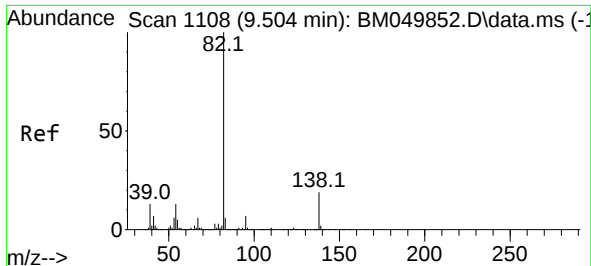
Tgt Ion: 82 Resp: 1976870
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.2
54 43.9 35.0 52.6



#24
Nitrobenzene
Concen: 43.863 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion: 77 Resp: 989812
Ion Ratio Lower Upper
77 100
123 48.3 37.4 56.2
65 13.0 10.1 15.1

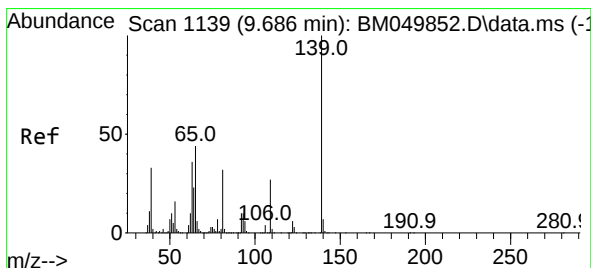
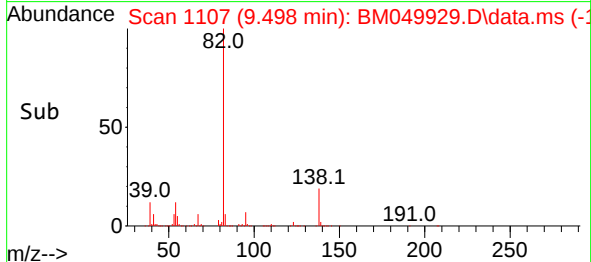
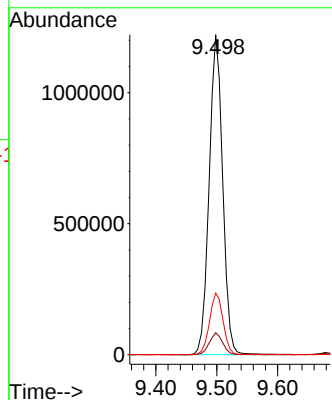
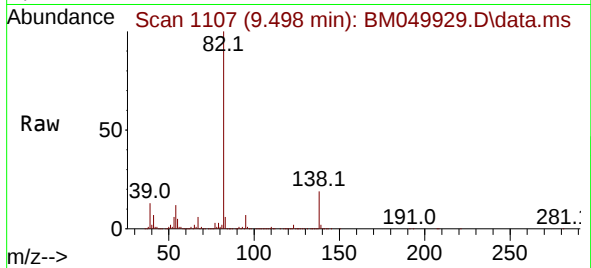




#25
Isophorone
Concen: 47.891 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

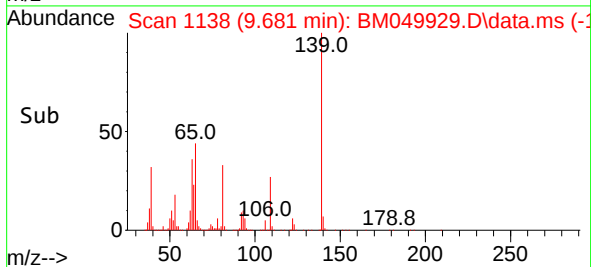
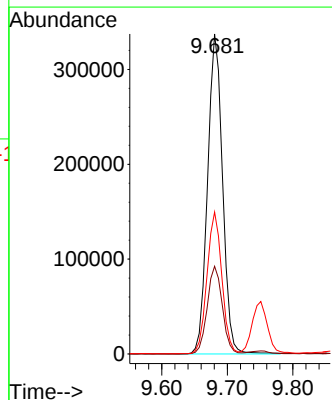
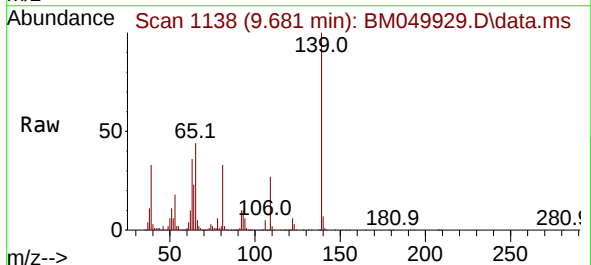
Instrument :
BNA_M
ClientSampleId :
PB167577BS

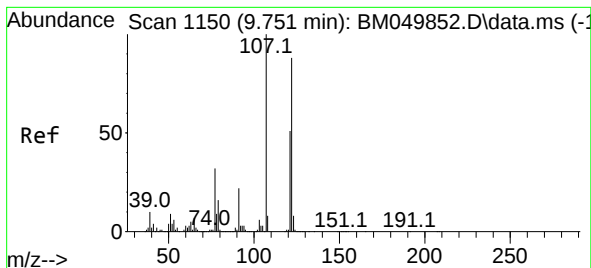
Tgt Ion: 82 Resp: 1880139
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 19.3 15.0 22.6



#26
2-Nitrophenol
Concen: 44.870 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion: 139 Resp: 536665
Ion Ratio Lower Upper
139 100
109 27.4 21.7 32.5
65 44.3 35.2 52.8

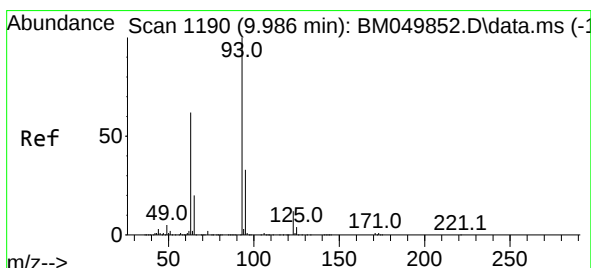
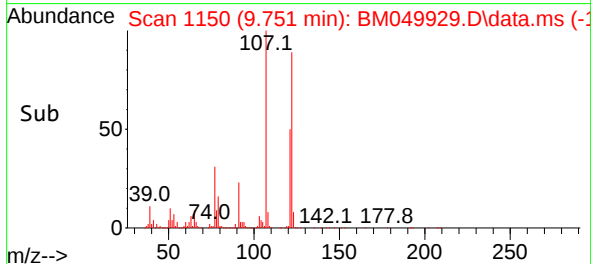
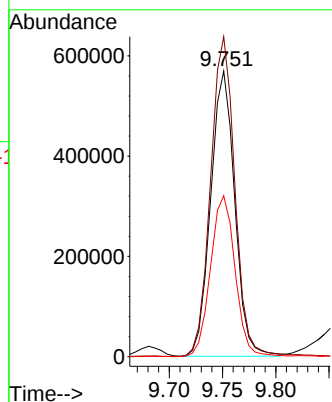
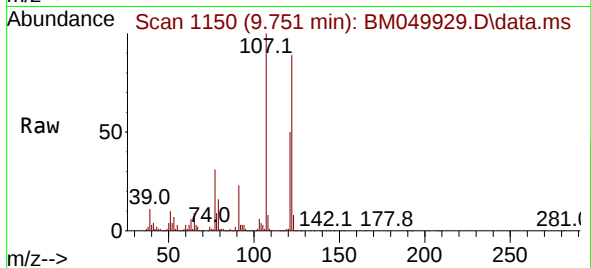




#27
2,4-Dimethylphenol
Concen: 65.942 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

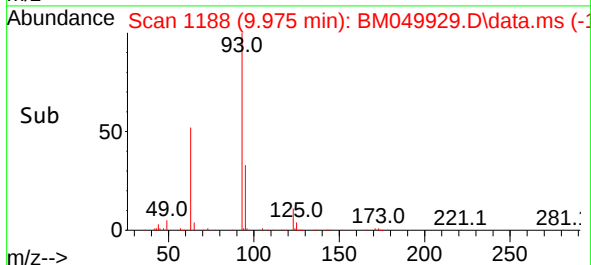
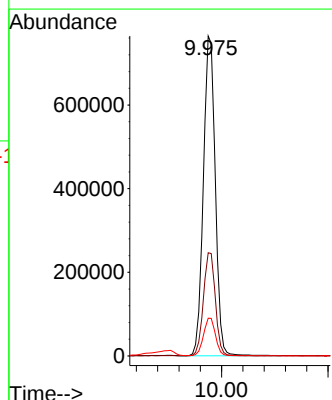
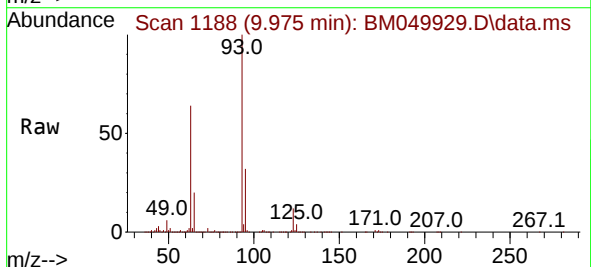
Instrument :
BNA_M
ClientSampleId :
PB167577BS

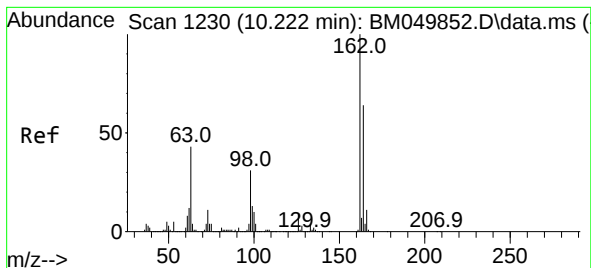
Tgt Ion:122 Resp: 893806
Ion Ratio Lower Upper
122 100
107 112.1 90.3 135.5
121 56.4 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 45.197 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion: 93 Resp: 1187922
Ion Ratio Lower Upper
93 100
95 32.2 26.6 40.0
123 11.8 9.5 14.3

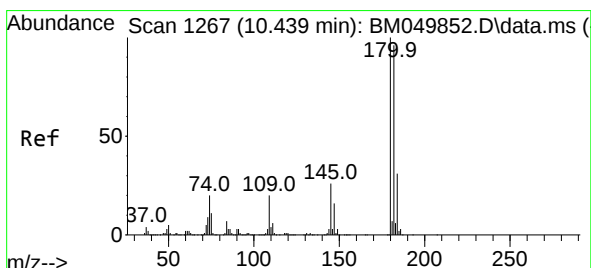
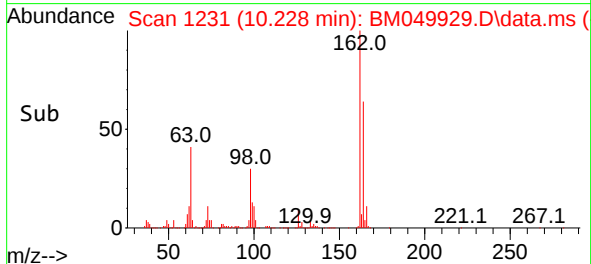
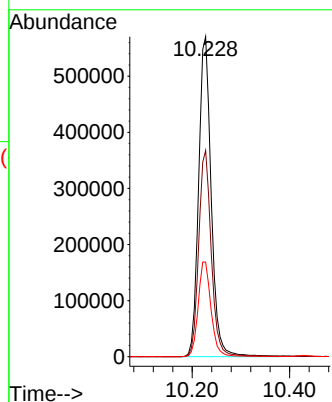
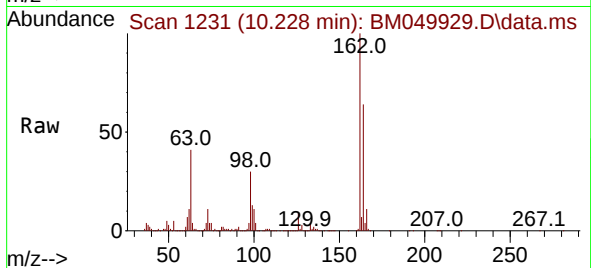




#29
2,4-Dichlorophenol
Concen: 45.661 ng
RT: 10.228 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

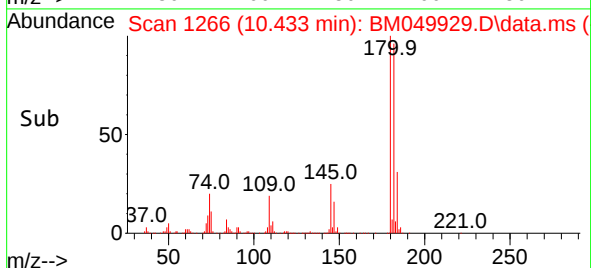
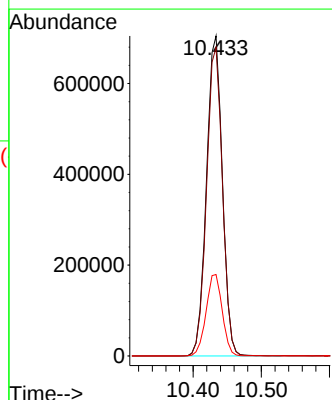
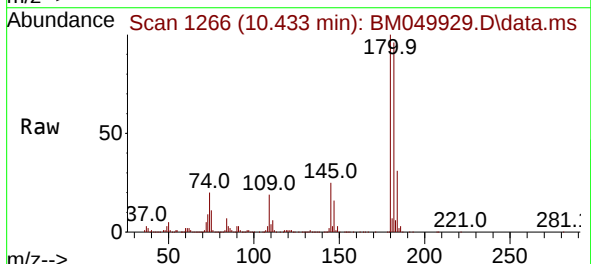
Instrument :
BNA_M
ClientSampleId :
PB167577BS

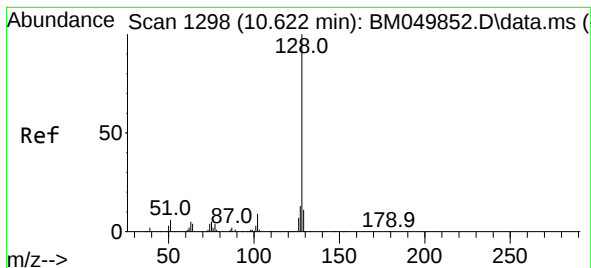
Tgt Ion:162 Resp: 1028800
Ion Ratio Lower Upper
162 100
164 64.4 44.3 84.3
98 29.6 10.9 50.9



#30
1,2,4-Trichlorobenzene
Concen: 43.879 ng
RT: 10.433 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:180 Resp: 1143710
Ion Ratio Lower Upper
180 100
182 96.4 76.7 115.1
145 25.5 20.8 31.2

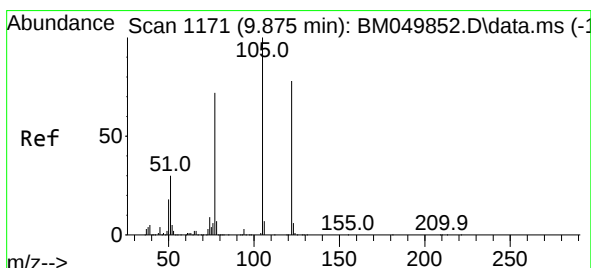
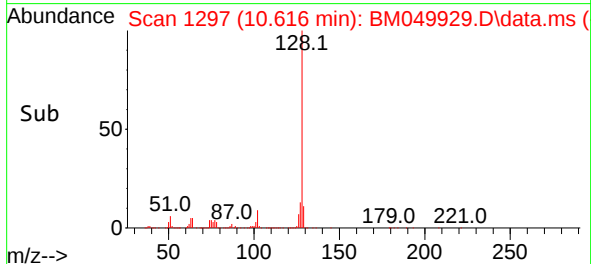
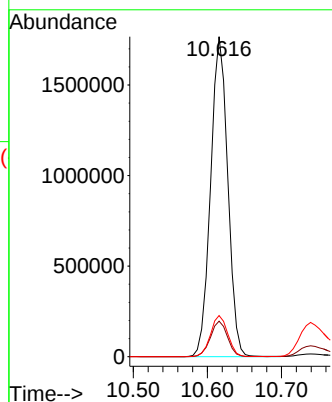
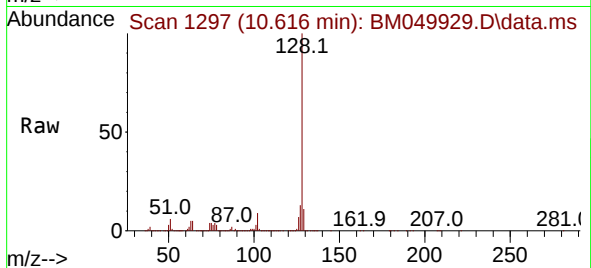




#31
Naphthalene
Concen: 42.296 ng
RT: 10.616 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

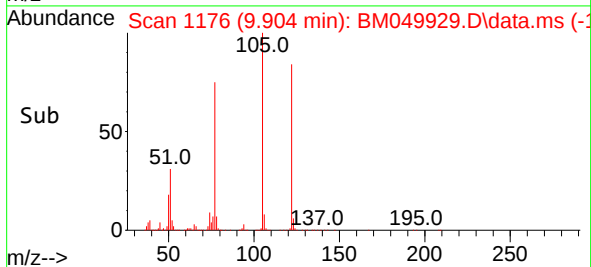
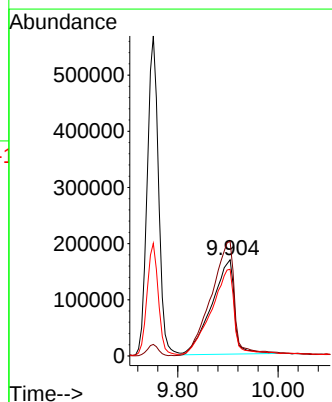
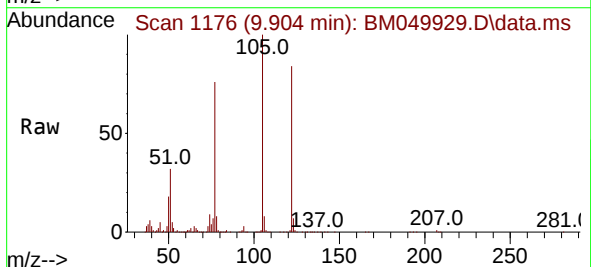
Instrument :
BNA_M
ClientSampleId :
PB167577BS

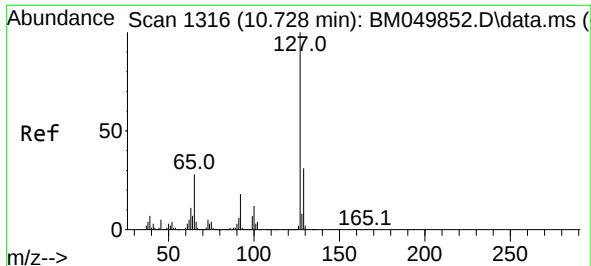
Tgt Ion:128 Resp: 2836214
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 34.455 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:122 Resp: 529642
Ion Ratio Lower Upper
122 100
105 119.1 103.8 143.8
77 90.1 70.7 110.7

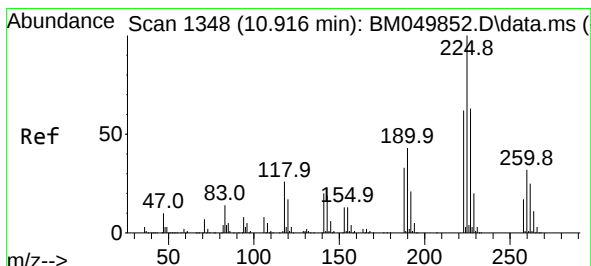
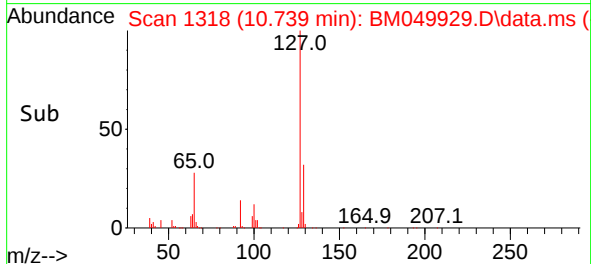
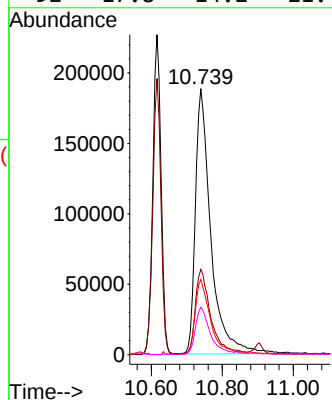
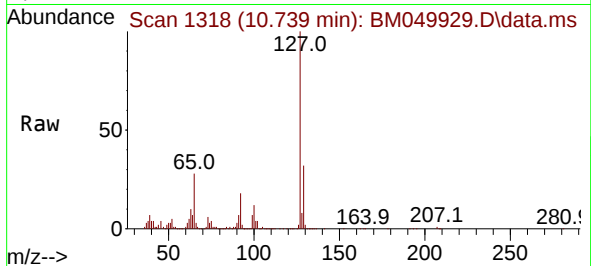




#33
4-Chloroaniline
Concen: 24.206 ng
RT: 10.739 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

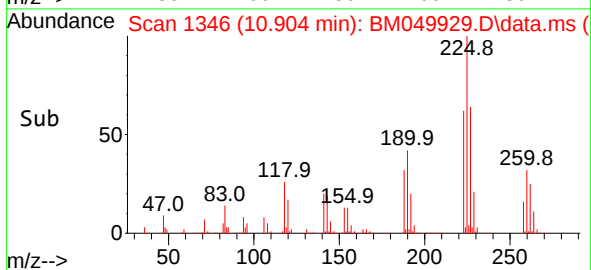
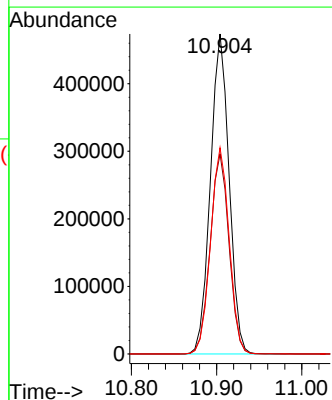
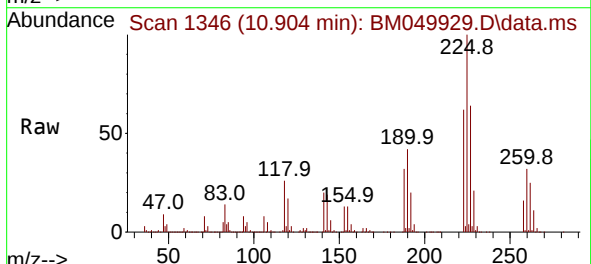
Instrument :
BNA_M
ClientSampleId :
PB167577BS

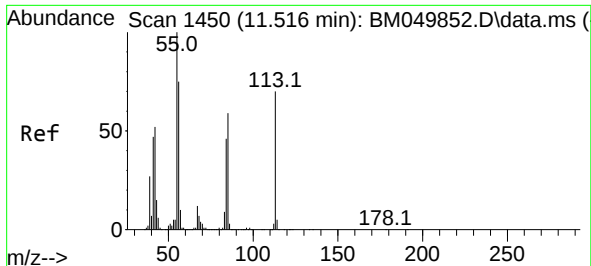
Tgt Ion:	127	Resp:	573155
Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.9	37.3
65	28.2	22.4	33.6
92	17.8	14.2	21.4



#34
Hexachlorobutadiene
Concen: 44.667 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:	225	Resp:	720159
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.4	74.2
227	64.5	50.1	75.1

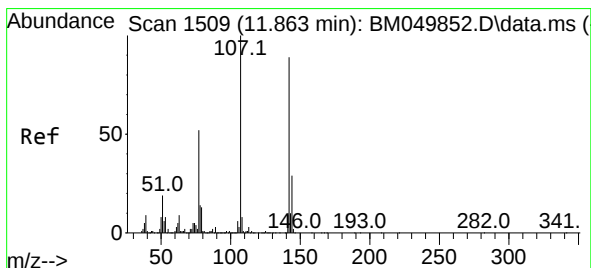
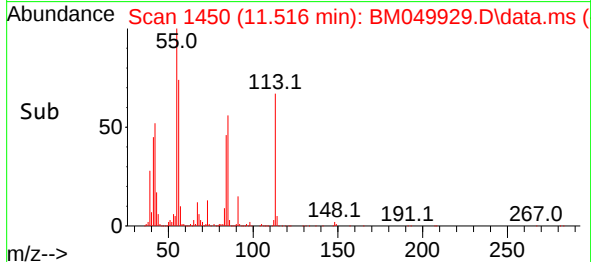
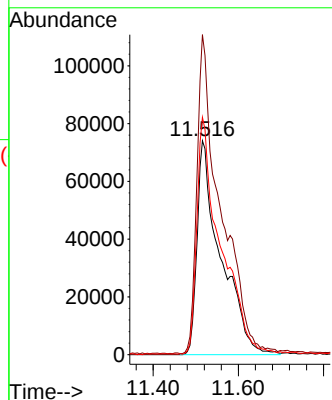
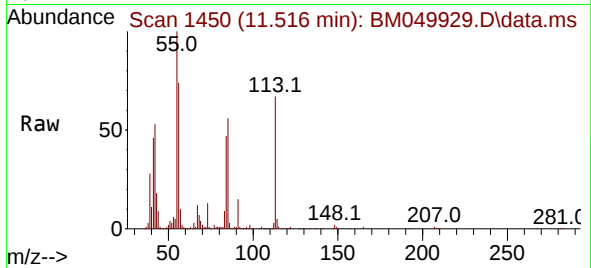




#35
Caprolactam
Concen: 44.075 ng
RT: 11.516 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

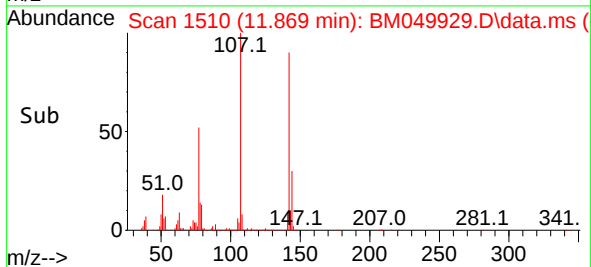
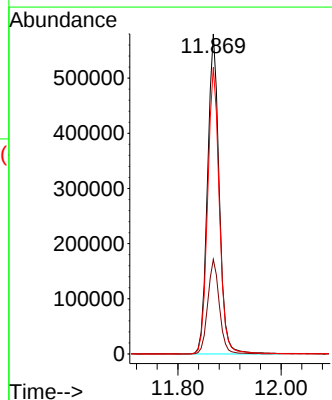
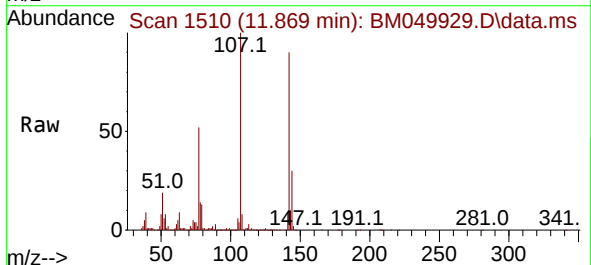
Instrument :
BNA_M
ClientSampleId :
PB167577BS

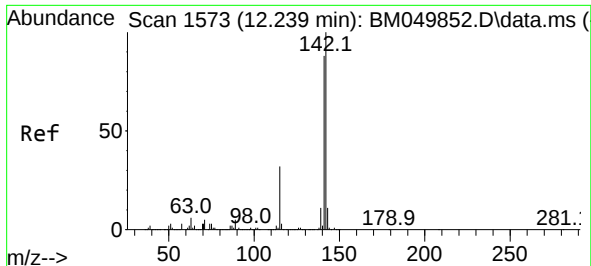
Tgt Ion:113 Resp: 284818
Ion Ratio Lower Upper
113 100
55 149.6 124.3 164.3
56 111.0 87.5 127.5



#36
4-Chloro-3-methylphenol
Concen: 46.048 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:107 Resp: 908816
Ion Ratio Lower Upper
107 100
144 29.5 23.6 35.4
142 89.6 71.4 107.0

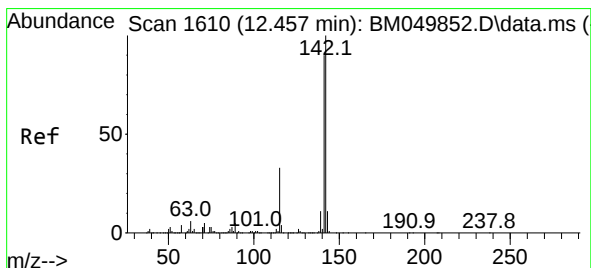
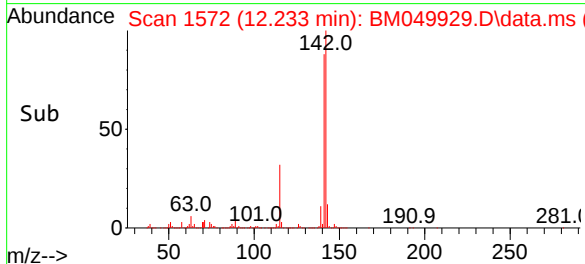
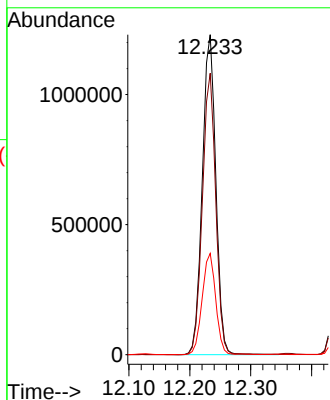
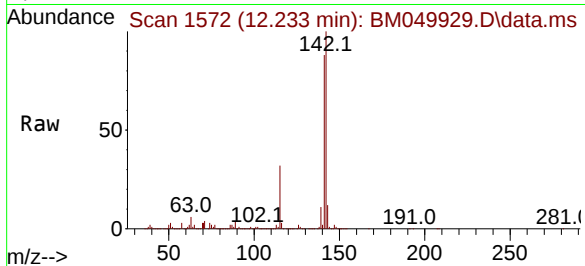




#37
2-Methylnaphthalene
Concen: 40.032 ng
RT: 12.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

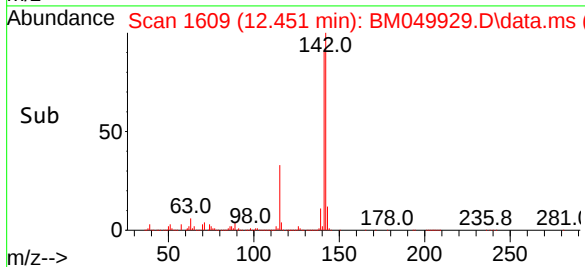
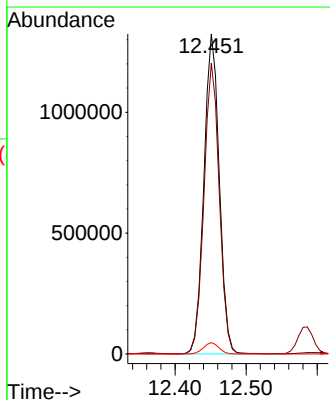
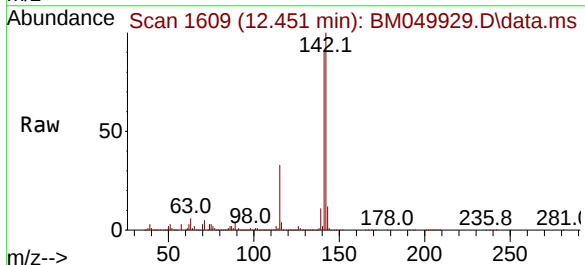
Instrument :
BNA_M
ClientSampleId :
PB167577BS

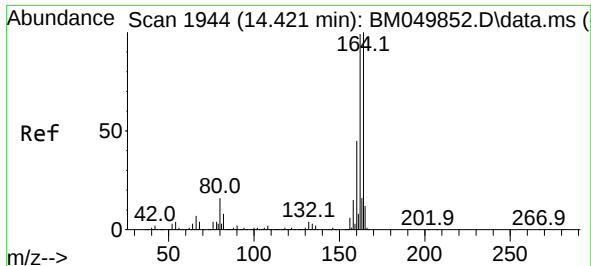
Tgt Ion:142 Resp: 1891326
Ion Ratio Lower Upper
142 100
141 87.9 70.2 105.2
115 31.6 25.4 38.2



#38
1-Methylnaphthalene
Concen: 43.326 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:142 Resp: 1994230
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.2
116 3.5 2.9 4.3

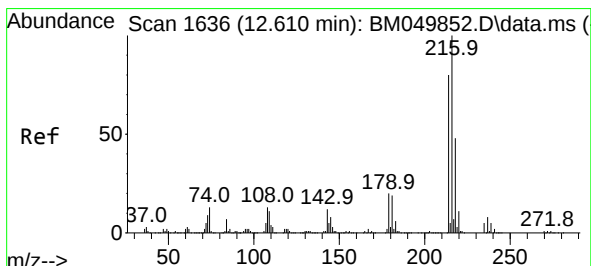
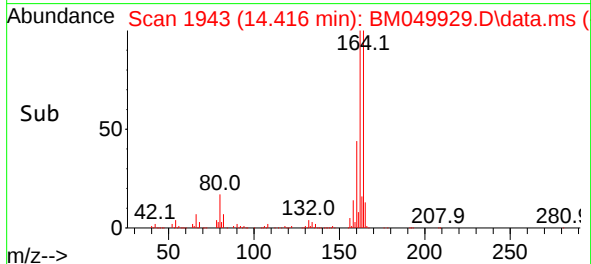
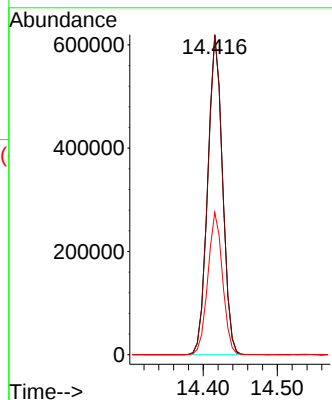
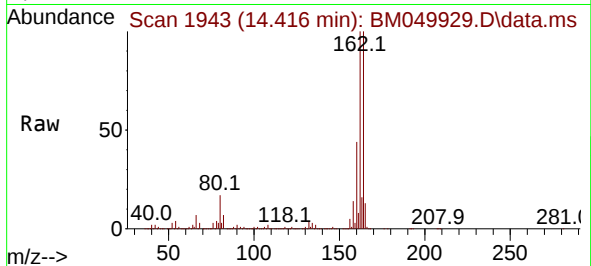




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

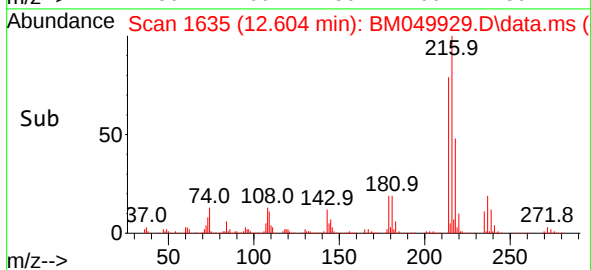
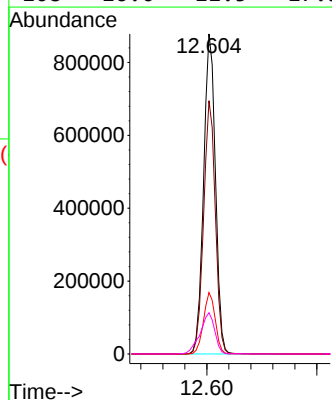
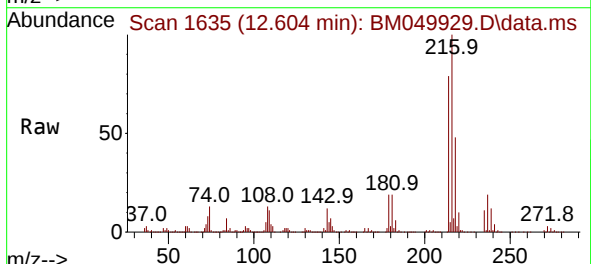
Instrument :
BNA_M
ClientSampleId :
PB167577BS

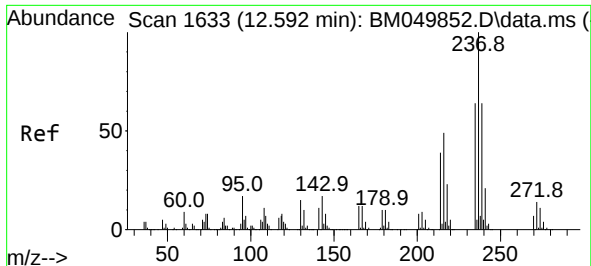
Tgt Ion:164 Resp: 859595
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 44.4 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.566 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:216 Resp: 1310150
Ion Ratio Lower Upper
216 100
214 78.6 63.2 94.8
179 19.1 15.8 23.6
108 16.0 11.5 17.3

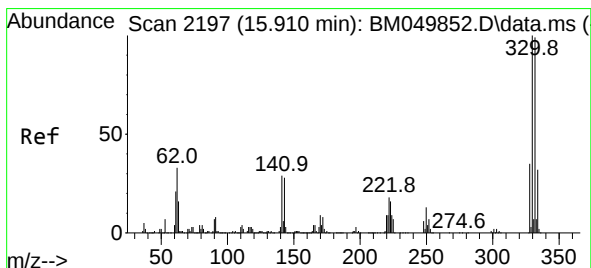
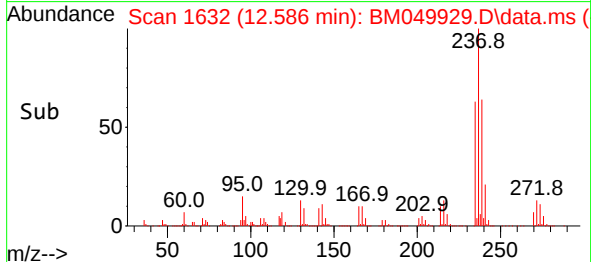
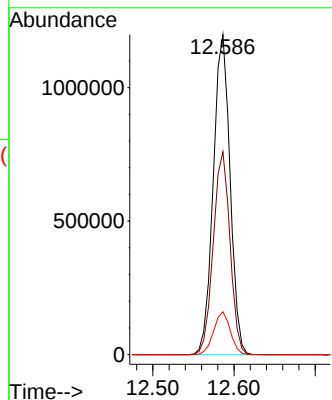
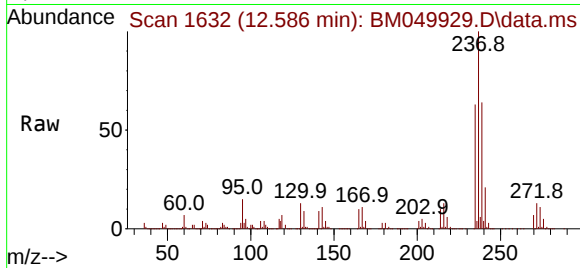




#41
Hexachlorocyclopentadiene
Concen: 163.451 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

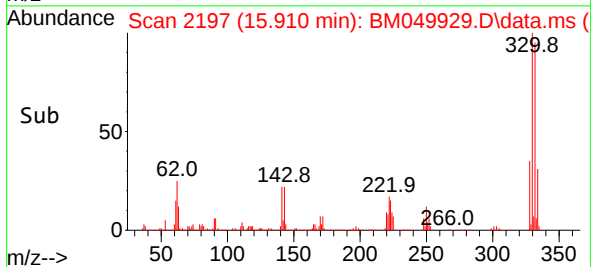
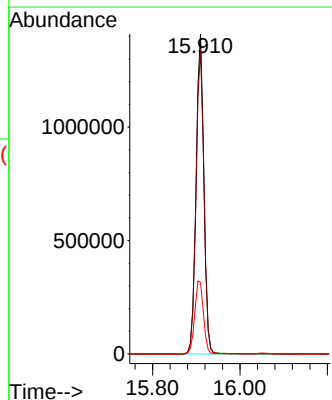
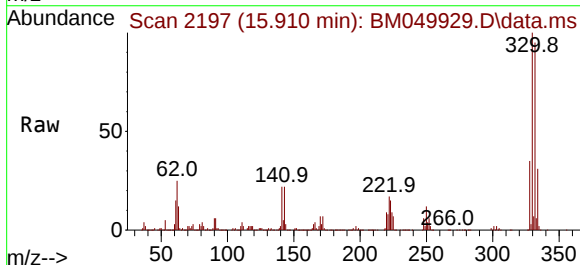
Instrument :
BNA_M
ClientSampleId :
PB167577BS

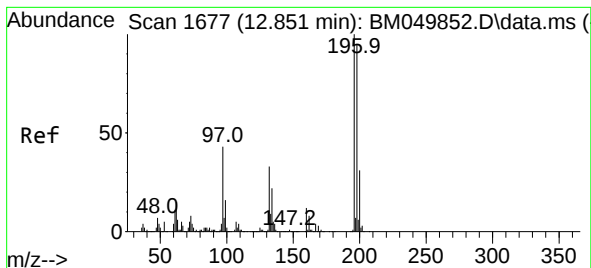
Tgt Ion:237 Resp: 1722388
Ion Ratio Lower Upper
237 100
235 63.4 43.7 83.7
272 13.4 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 140.310 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:330 Resp: 1754313
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 25.5 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 45.860 ng

RT: 12.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167577BS

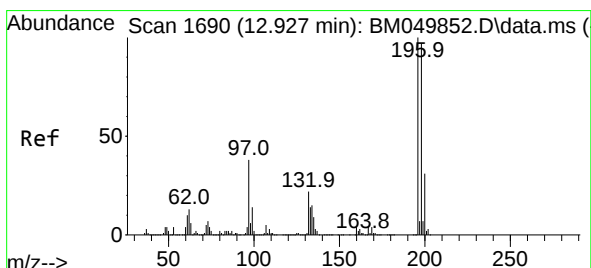
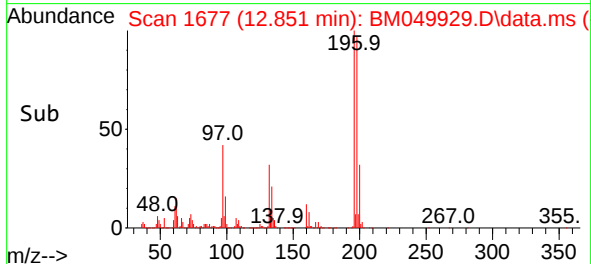
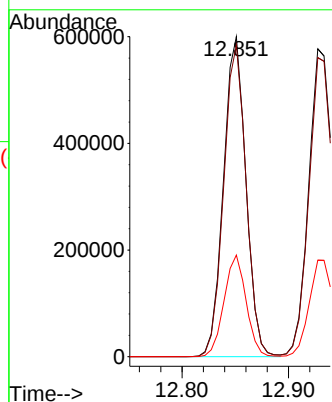
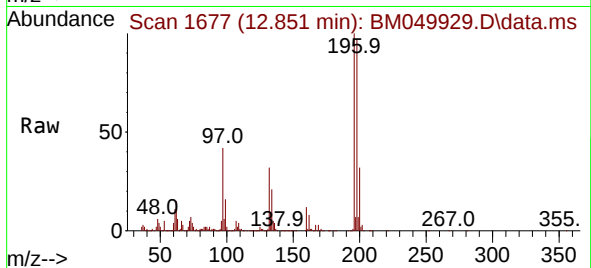
Tgt Ion:196 Resp: 877590

Ion Ratio Lower Upper

196 100

198 97.4 76.1 114.1

200 31.7 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 45.738 ng

RT: 12.927 min Scan# 1690

Delta R.T. 0.000 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Tgt Ion:196 Resp: 951142

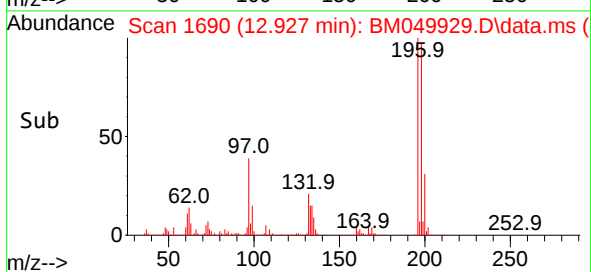
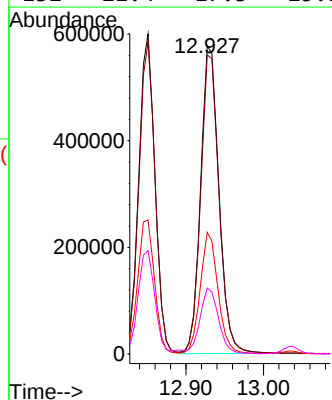
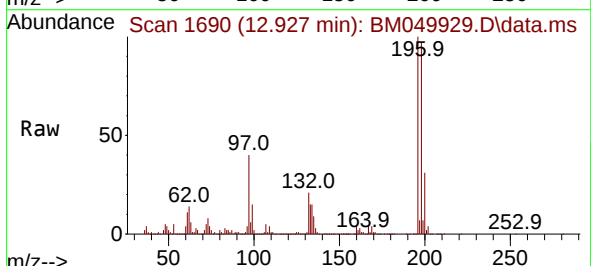
Ion Ratio Lower Upper

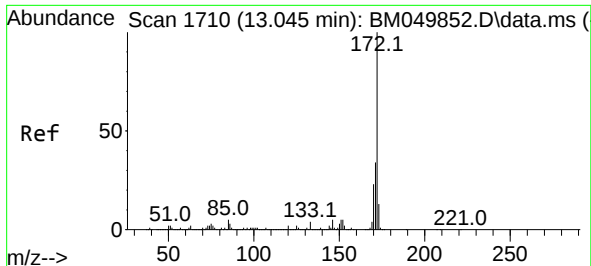
196 100

198 97.2 77.7 116.5

97 39.5 30.3 45.5

132 21.4 17.3 25.9

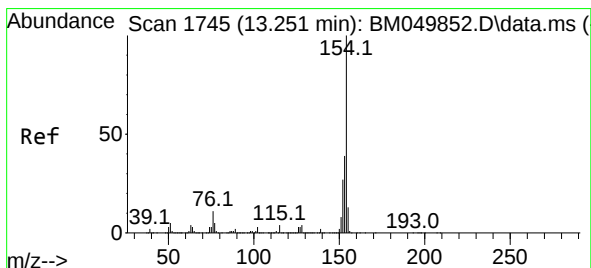
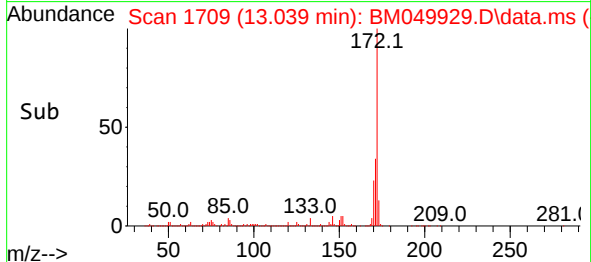
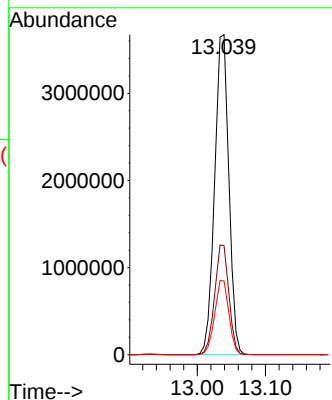
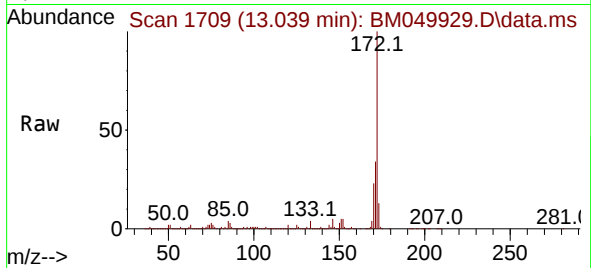




#45
2-Fluorobiphenyl
Concen: 84.166 ng
RT: 13.039 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

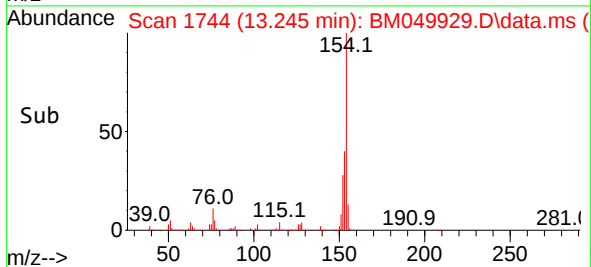
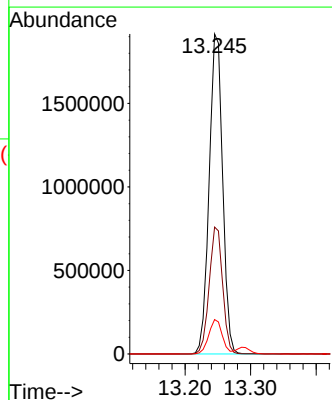
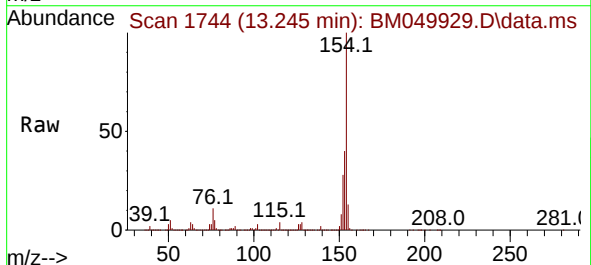
Instrument :
BNA_M
ClientSampleId :
PB167577BS

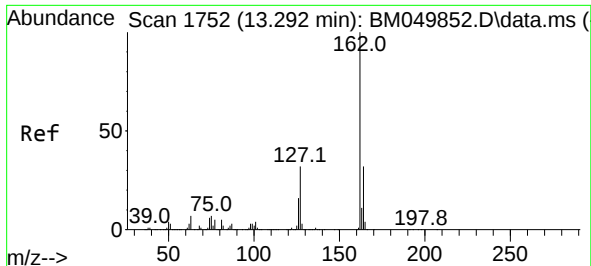
Tgt Ion:172 Resp: 5335402
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.2
170 23.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.848 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:154 Resp: 2737950
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 10.7 0.0 30.7

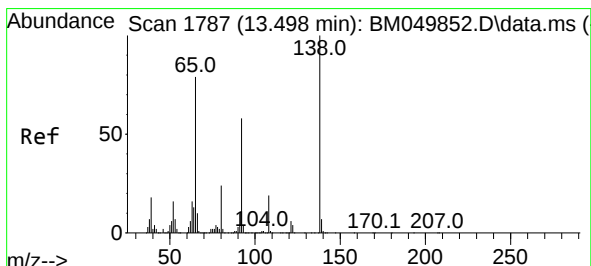
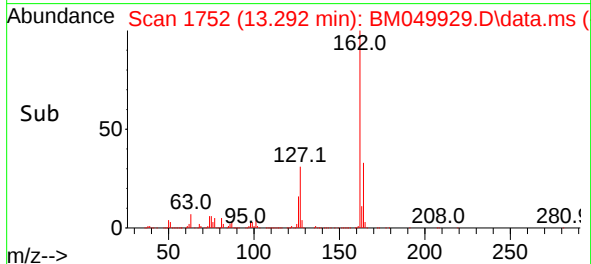
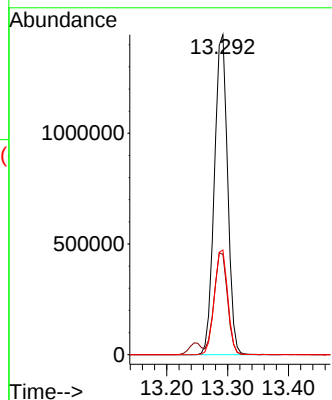
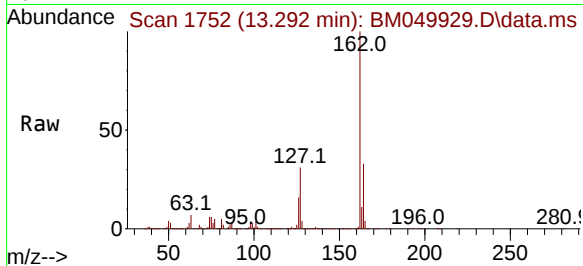




#47
2-Chloronaphthalene
Concen: 43.503 ng
RT: 13.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

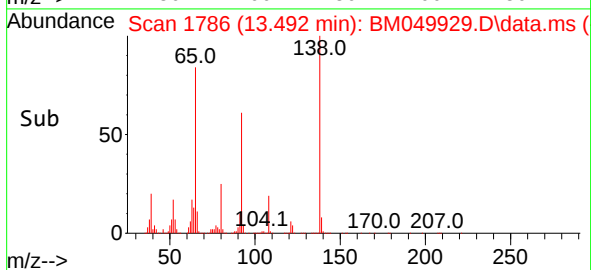
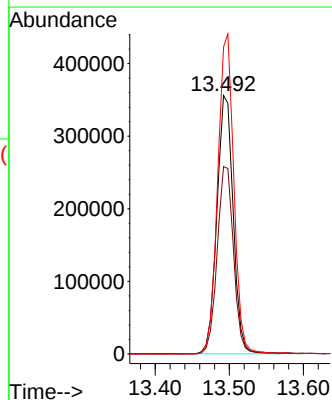
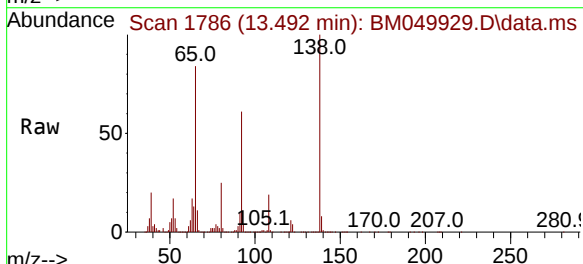
Instrument :
BNA_M
ClientSampleId :
PB167577BS

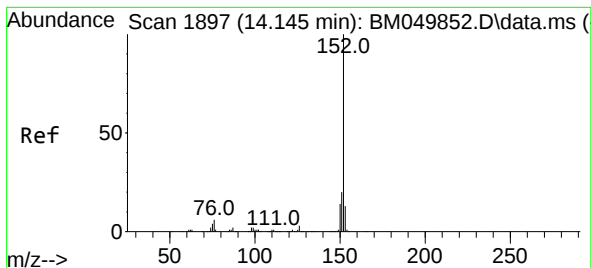
Tgt Ion:162 Resp: 2184876
Ion Ratio Lower Upper
162 100
127 31.4 26.0 39.0
164 32.7 25.9 38.9



#48
2-Nitroaniline
Concen: 46.913 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion: 65 Resp: 545085
Ion Ratio Lower Upper
65 100
92 72.5 58.4 87.6
138 118.8 100.8 151.2





#49

Acenaphthylene

Concen: 47.266 ng

RT: 14.139 min Scan# 1896

Delta R.T. -0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

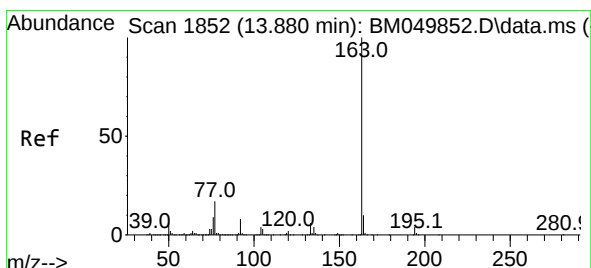
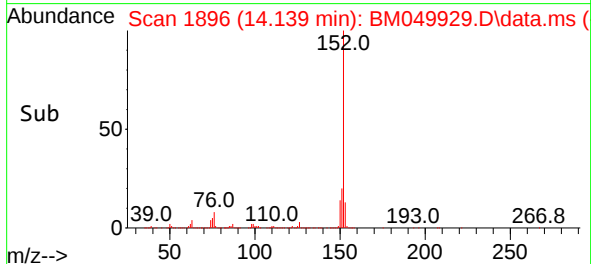
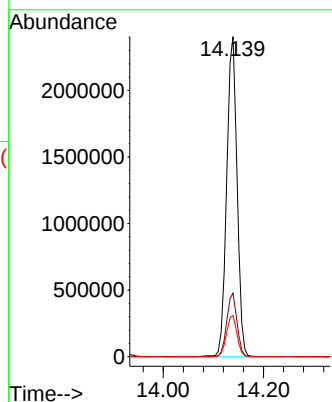
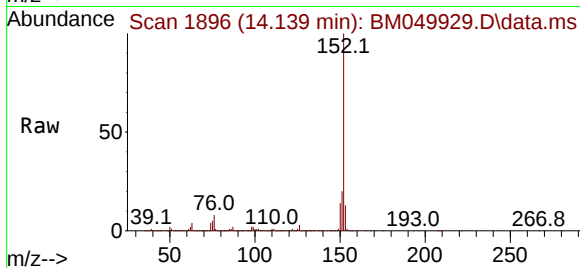
BNA_M

ClientSampleId :

PB167577BS

Tgt Ion:152 Resp: 3457932

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.9	10.4	15.6



#50

Dimethylphthalate

Concen: 44.828 ng

RT: 13.874 min Scan# 1851

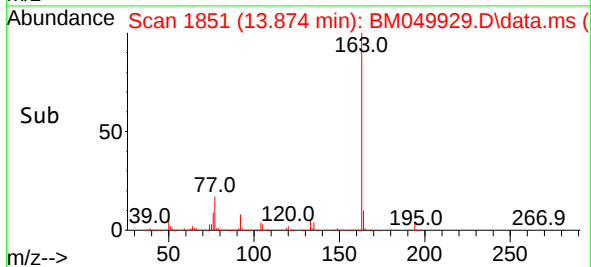
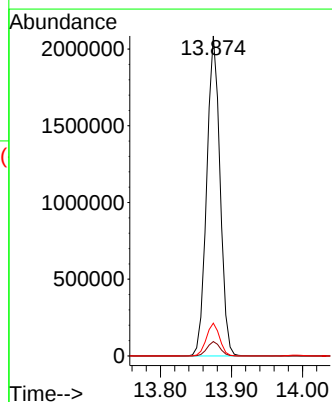
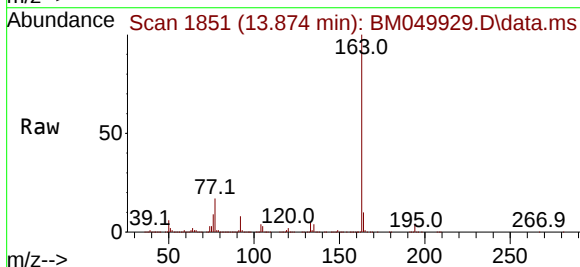
Delta R.T. -0.006 min

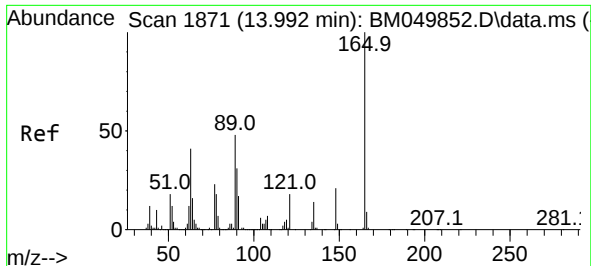
Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Tgt Ion:163 Resp: 2718514

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.2	7.9	11.9

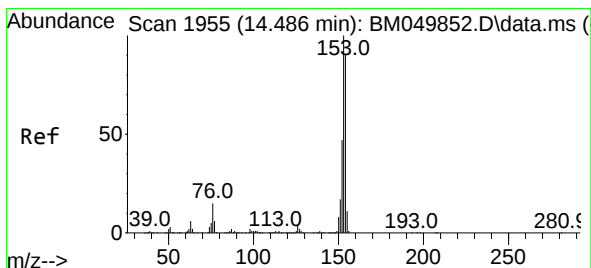
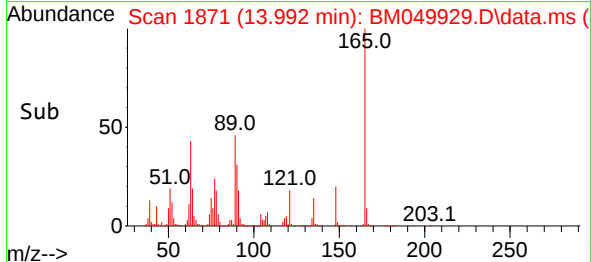
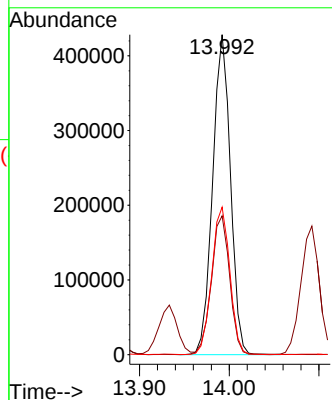
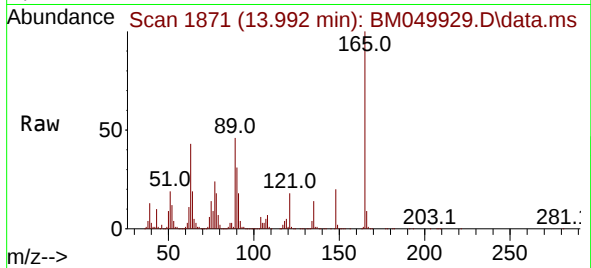




#51
2,6-Dinitrotoluene
Concen: 46.433 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

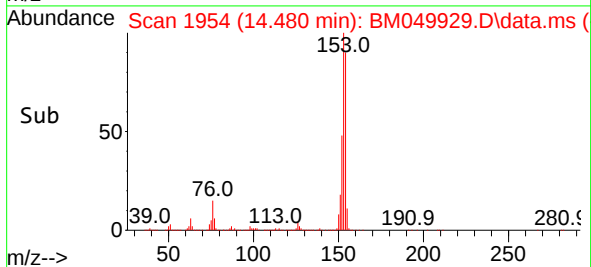
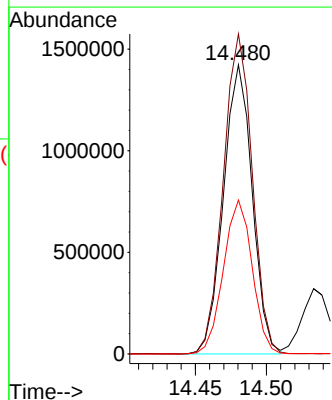
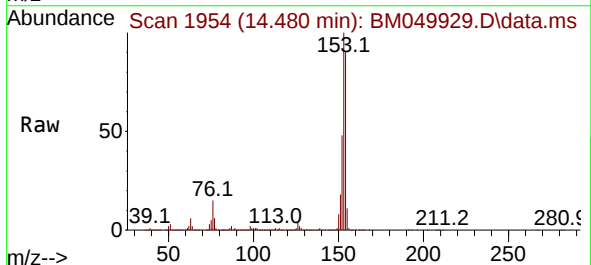
Instrument :
BNA_M
ClientSampleId :
PB167577BS

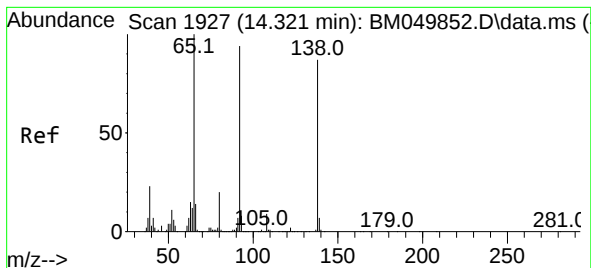
Tgt Ion:165 Resp: 589963
Ion Ratio Lower Upper
165 100
63 43.4 36.1 54.1
89 46.1 38.3 57.5



#52
Acenaphthene
Concen: 43.034 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:154 Resp: 2002580
Ion Ratio Lower Upper
154 100
153 110.7 89.3 133.9
152 53.2 42.2 63.2

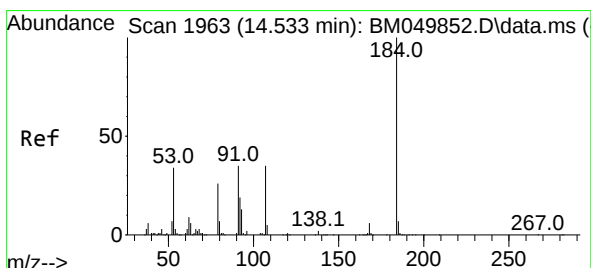
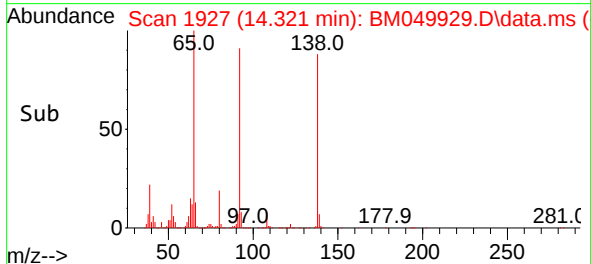
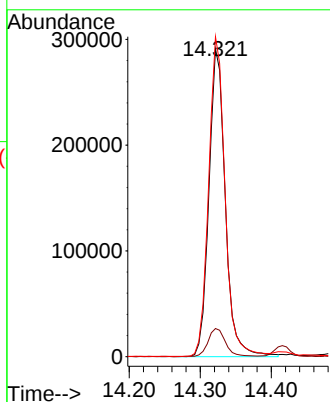
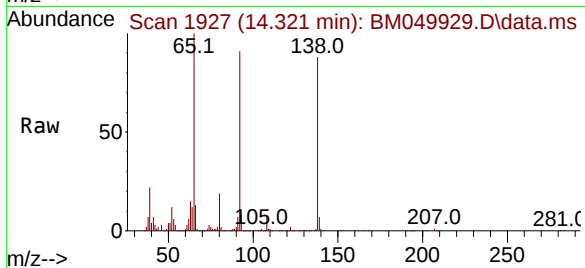




#53
3-Nitroaniline
Concen: 38.025 ng
RT: 14.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

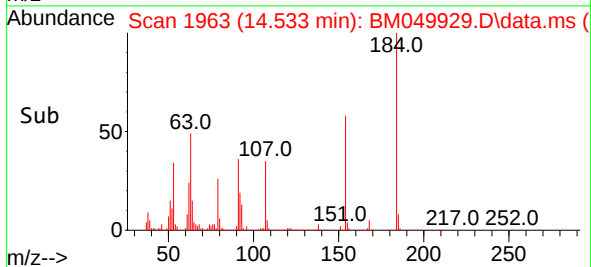
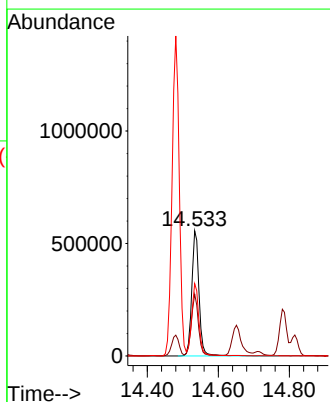
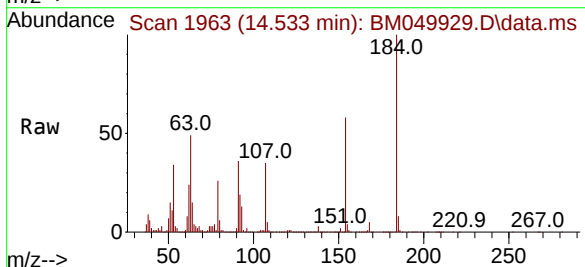
Instrument :
BNA_M
ClientSampleId :
PB167577BS

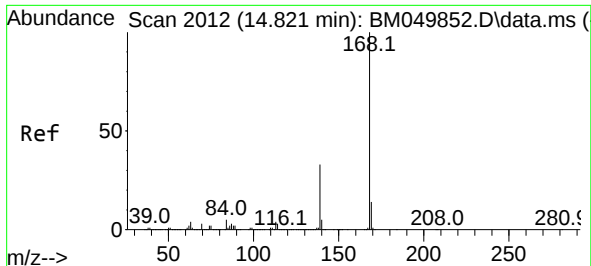
Tgt Ion:138 Resp: 466945
Ion Ratio Lower Upper
138 100
108 9.2 8.1 12.1
92 103.9 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 85.963 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:184 Resp: 796405
Ion Ratio Lower Upper
184 100
63 49.4 38.4 57.6
154 57.7 48.1 72.1

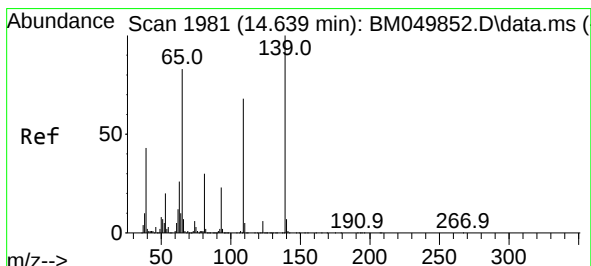
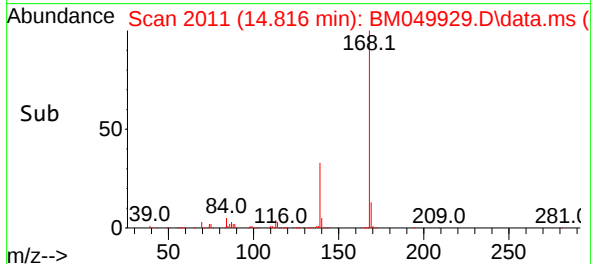
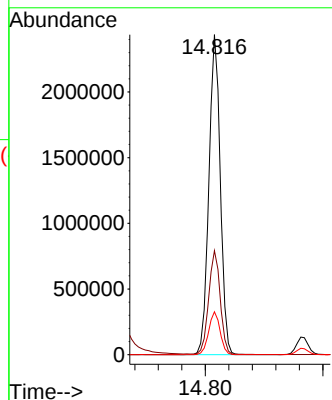
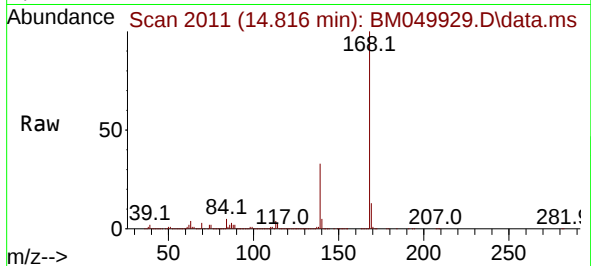




#55
Dibenzofuran
Concen: 42.252 ng
RT: 14.816 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

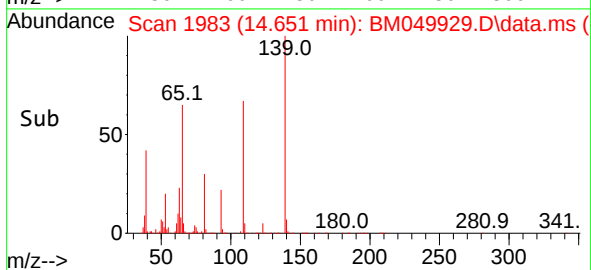
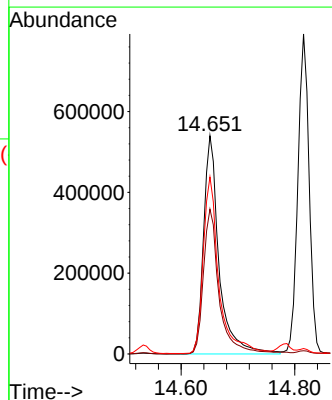
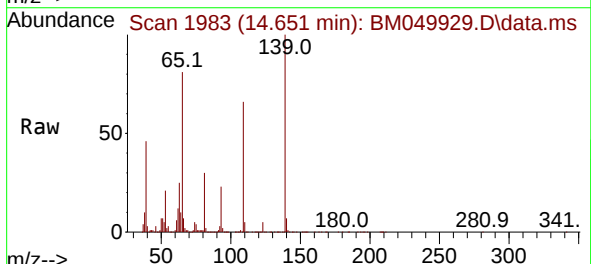
Instrument :
BNA_M
ClientSampleId :
PB167577BS

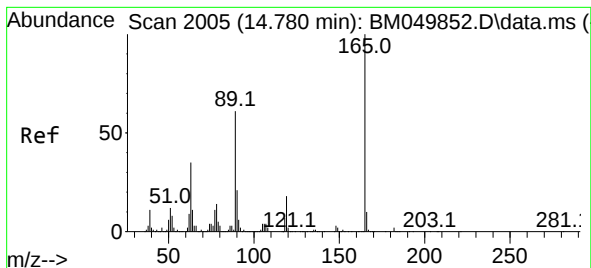
Tgt Ion:168 Resp: 3286910
Ion Ratio Lower Upper
168 100
139 32.5 26.6 39.8
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 93.317 ng
RT: 14.651 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:139 Resp: 1021173
Ion Ratio Lower Upper
139 100
109 66.3 47.9 87.9
65 81.1 62.7 102.7

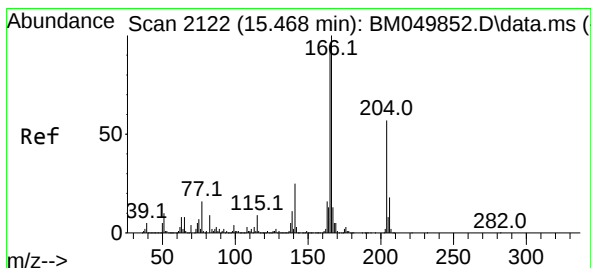
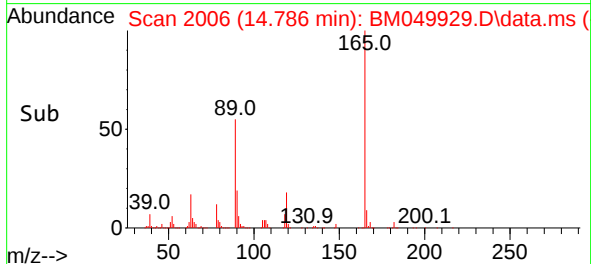
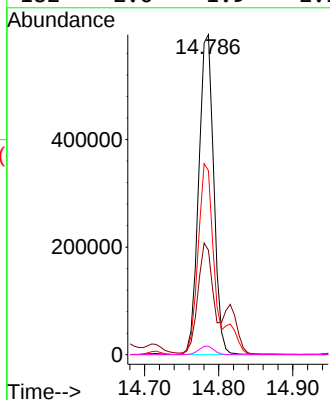
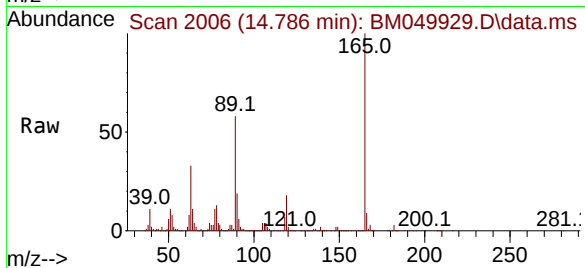




#57
2,4-Dinitrotoluene
Concen: 49.229 ng
RT: 14.786 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

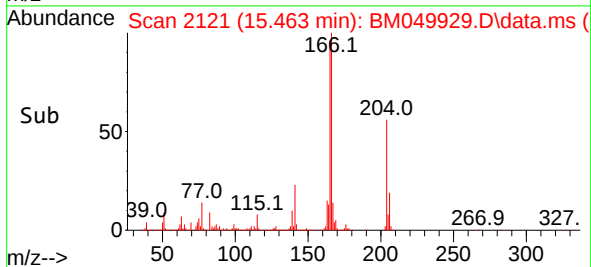
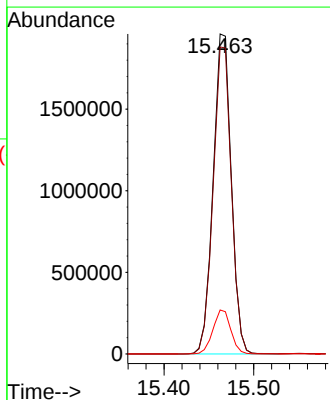
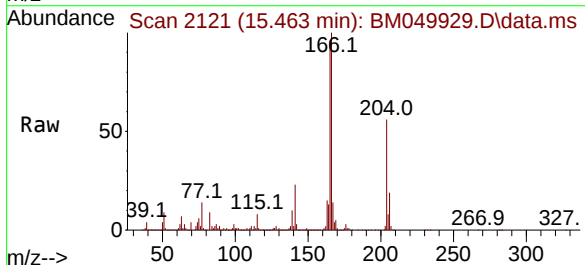
Instrument :
BNA_M
ClientSampleId :
PB167577BS

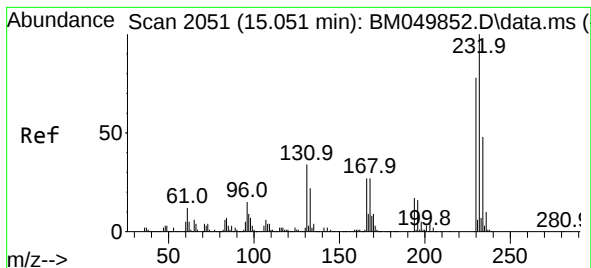
Tgt Ion:165 Resp: 834436
Ion Ratio Lower Upper
165 100
63 32.7 28.6 42.8
89 57.5 49.0 73.6
182 2.6 1.9 2.9



#58
Fluorene
Concen: 44.559 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

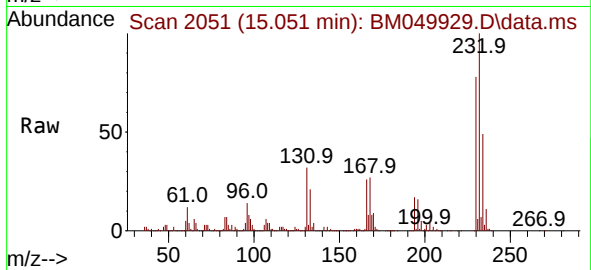
Tgt Ion:166 Resp: 2755356
Ion Ratio Lower Upper
166 100
165 96.0 76.3 114.5
167 13.7 10.7 16.1



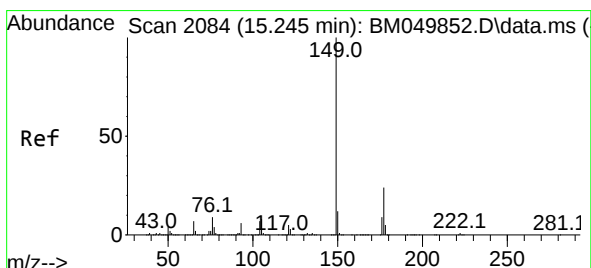
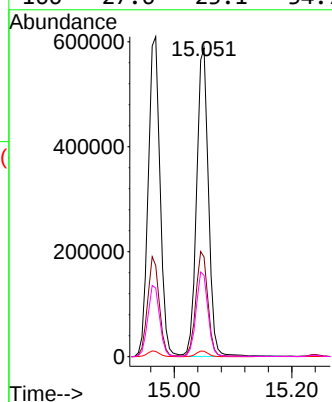
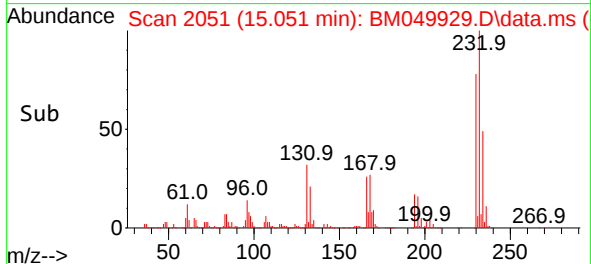


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.985 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

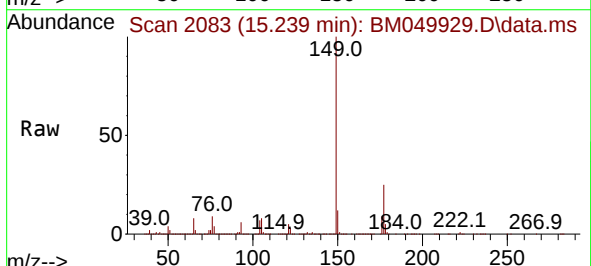
Instrument :
BNA_M
ClientSampleId :
PB167577BS



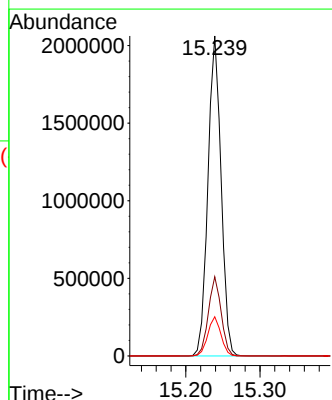
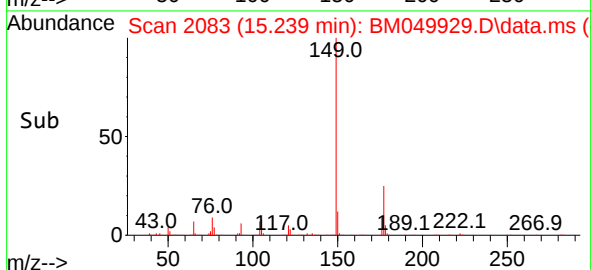
Tgt Ion:232 Resp: 819934
Ion Ratio Lower Upper
232 100
131 34.0 28.4 42.6
130 1.9 1.6 2.4
166 27.6 23.1 34.7

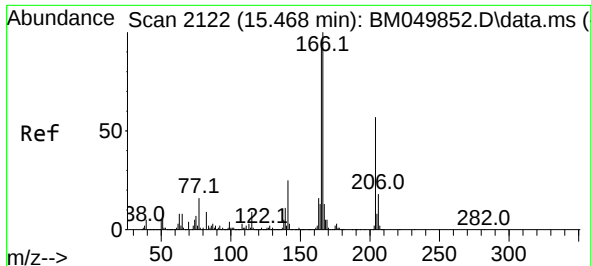


#60
Diethylphthalate
Concen: 43.668 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15



Tgt Ion:149 Resp: 2539531
Ion Ratio Lower Upper
149 100
177 24.8 19.0 28.4
150 12.3 9.7 14.5

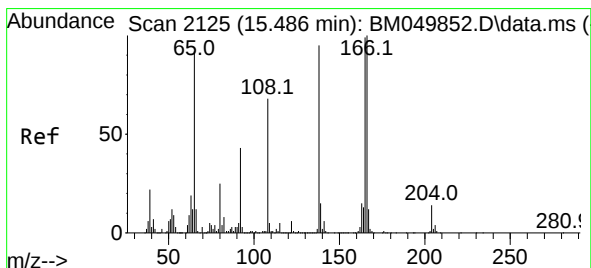
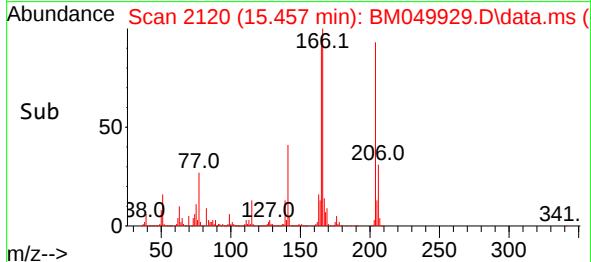
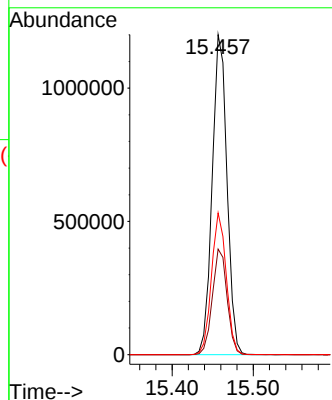
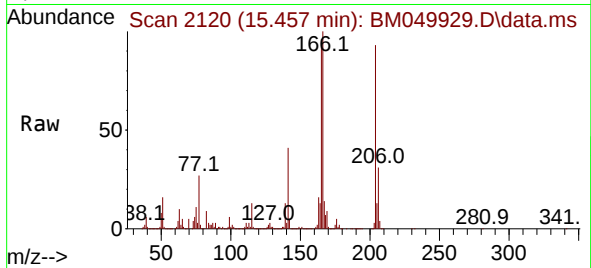




#61
4-Chlorophenyl-phenylether
Concen: 45.714 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

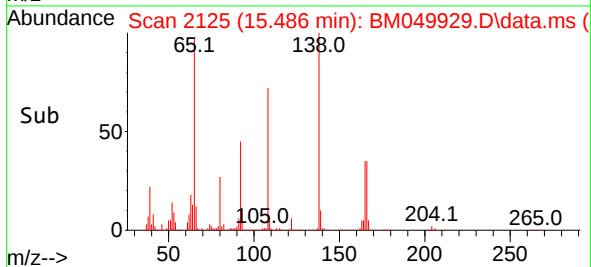
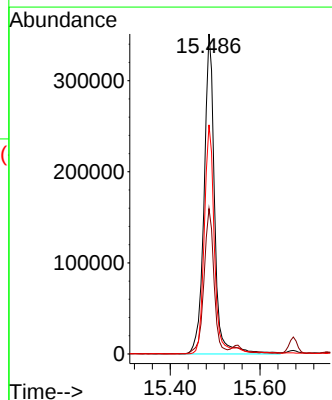
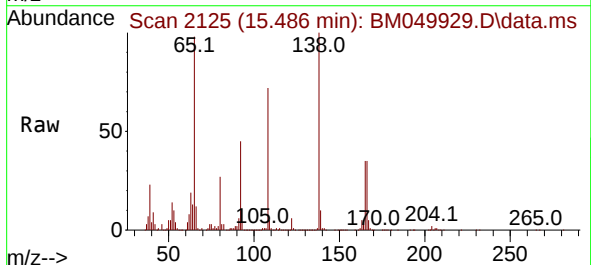
Instrument :
BNA_M
ClientSampleId :
PB167577BS

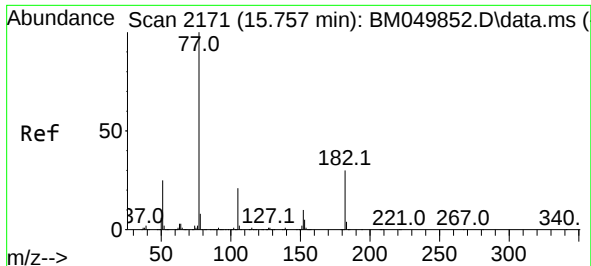
Tgt Ion:204 Resp: 1515550
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 44.3 35.0 52.6



#62
4-Nitroaniline
Concen: 45.150 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:138 Resp: 573366
Ion Ratio Lower Upper
138 100
92 45.5 24.9 64.9
108 71.6 51.7 91.7

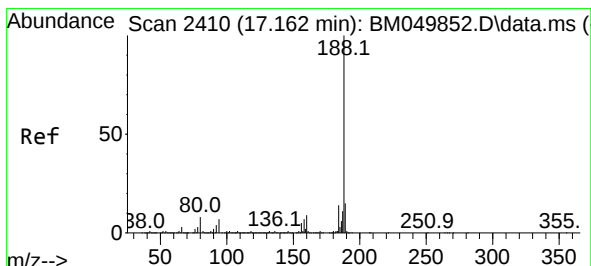
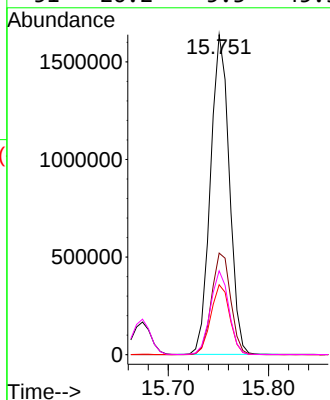
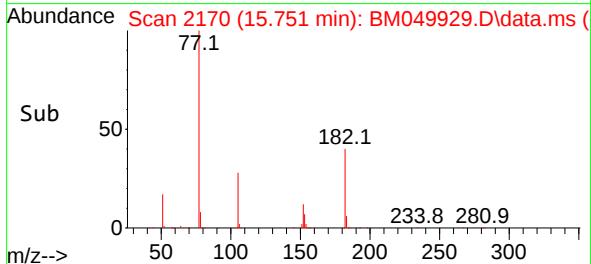
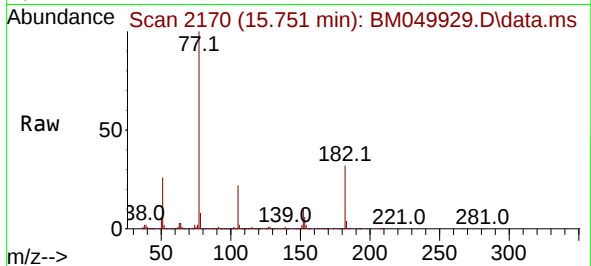




#63
 Azobenzene
 Concen: 42.894 ng
 RT: 15.751 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: BM049929.D
 Acq: 15 Apr 2025 11:15

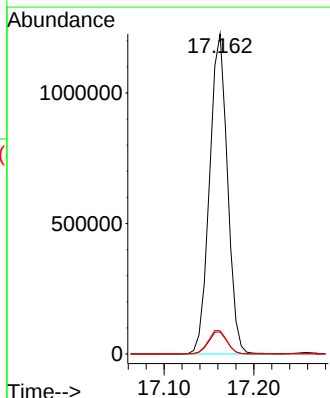
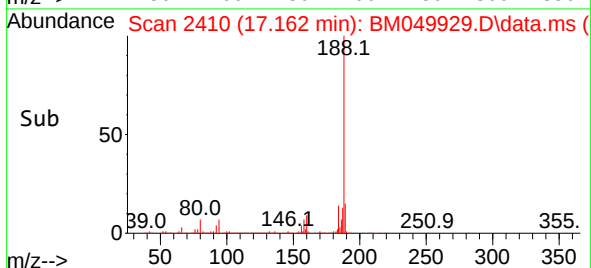
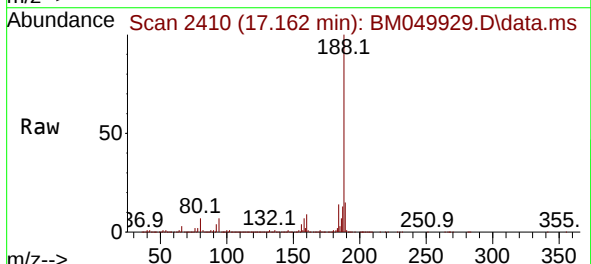
Instrument :
 BNA_M
 ClientSampleId :
 PB167577BS

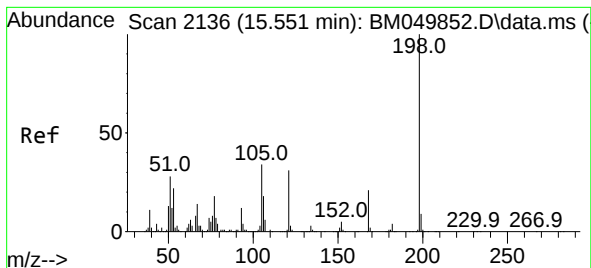
Tgt Ion: 77 Resp: 2135715
 Ion Ratio Lower Upper
 77 100
 182 31.7 10.4 50.4
 105 21.8 1.5 41.5
 51 26.2 5.3 45.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.162 min Scan# 2410
 Delta R.T. 0.000 min
 Lab File: BM049929.D
 Acq: 15 Apr 2025 11:15

Tgt Ion:188 Resp: 1699421
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.8 8.6
 80 7.3 6.4 9.6

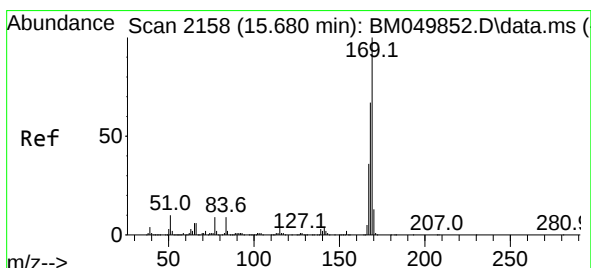
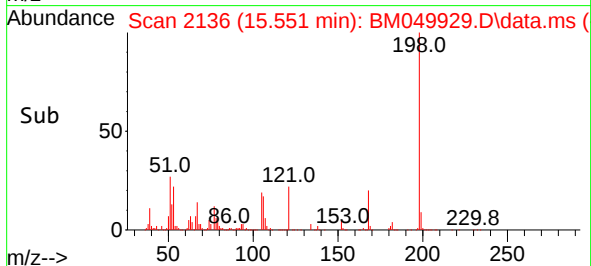
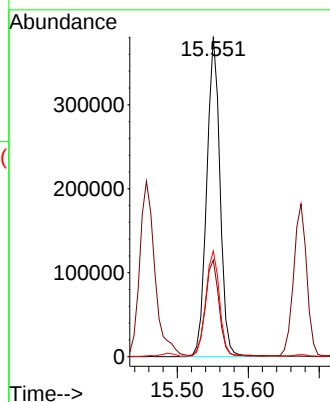
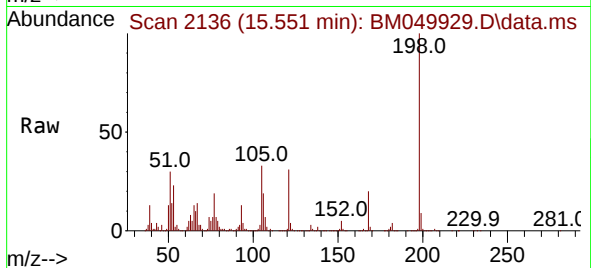




#65
4,6-Dinitro-2-methylphenol
Concen: 46.476 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

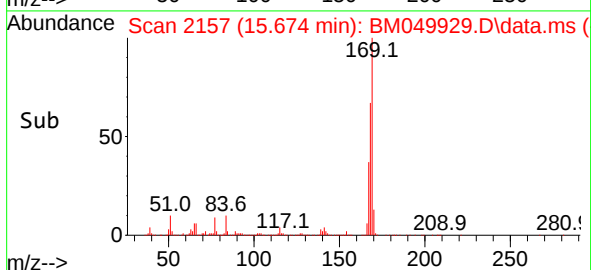
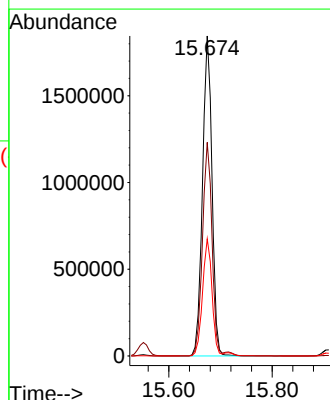
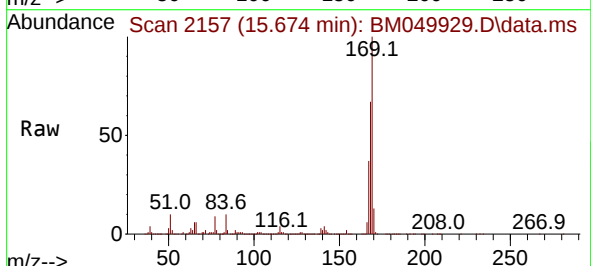
Instrument :
BNA_M
ClientSampleId :
PB167577BS

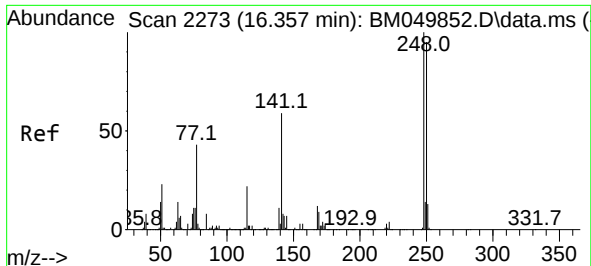
Tgt Ion:198 Resp: 497708
Ion Ratio Lower Upper
198 100
51 30.2 9.6 49.6
105 33.0 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 46.182 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:169 Resp: 2348681
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 36.6 29.0 43.6

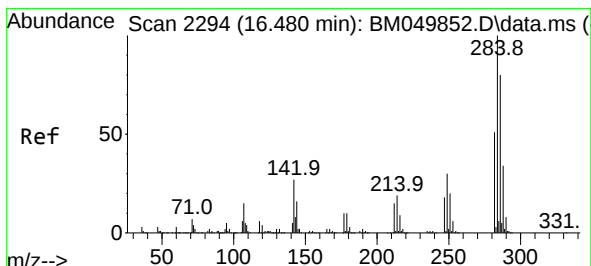
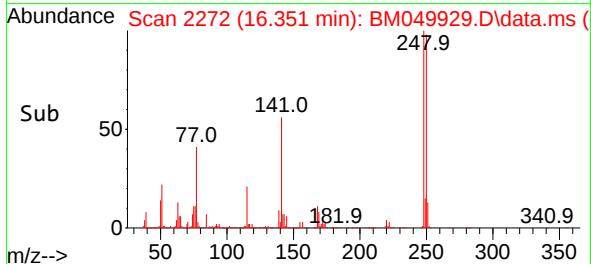
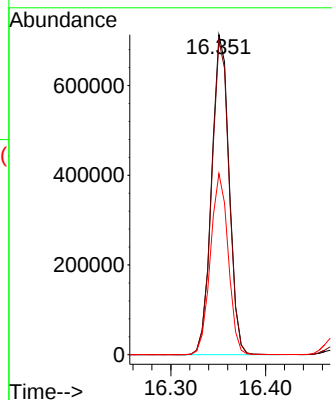
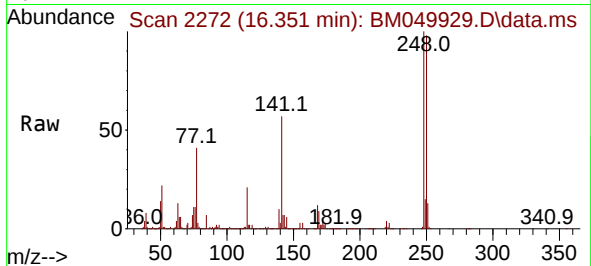




#67
4-Bromophenyl-phenylether
Concen: 46.285 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

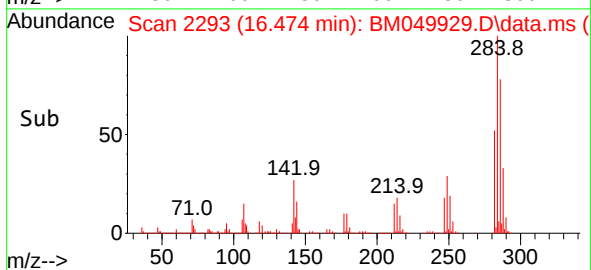
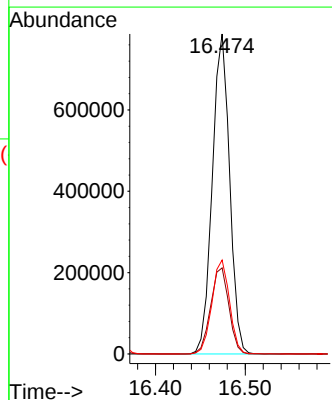
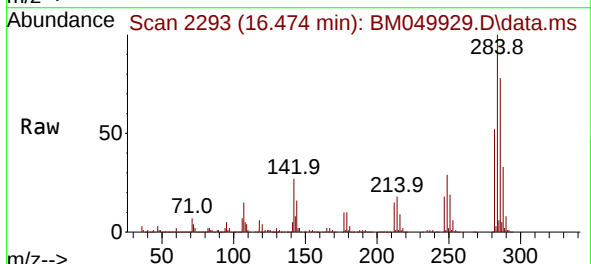
Instrument :
BNA_M
ClientSampleId :
PB167577BS

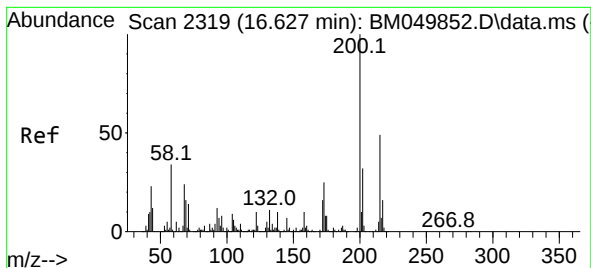
Tgt Ion:248 Resp: 913125
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.2
141 56.6 47.3 70.9



#68
Hexachlorobenzene
Concen: 46.541 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:284 Resp: 1053168
Ion Ratio Lower Upper
284 100
142 26.9 21.2 31.8
249 29.4 24.1 36.1





#69

Atrazine

Concen: 61.914 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167577BS

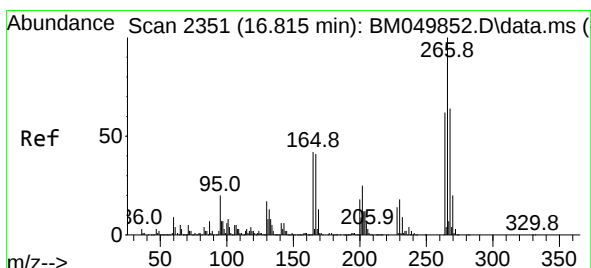
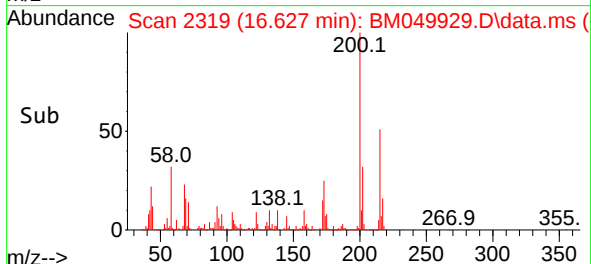
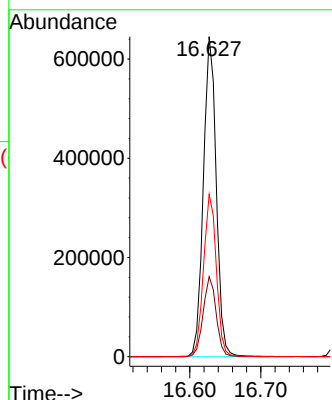
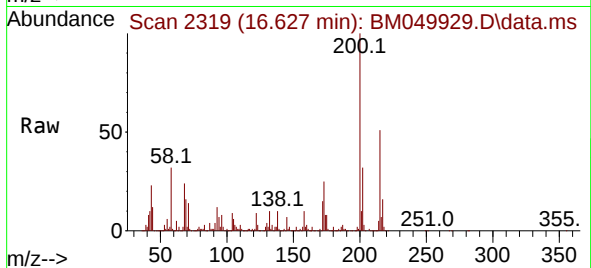
Tgt Ion:200 Resp: 816421

Ion Ratio Lower Upper

200 100

173 25.0 5.4 45.4

215 50.7 29.0 69.0



#70

Pentachlorophenol

Concen: 89.906 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

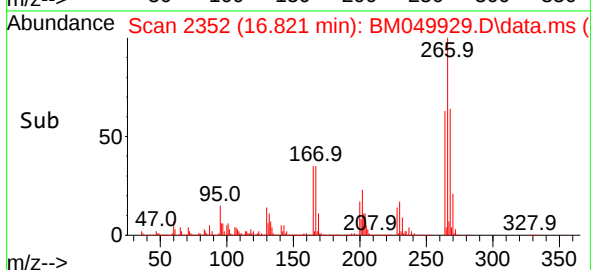
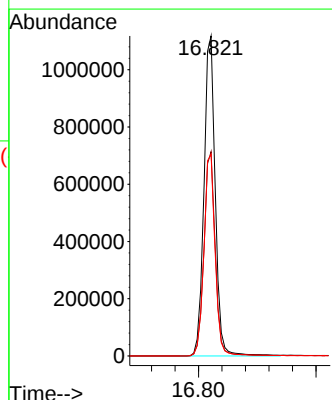
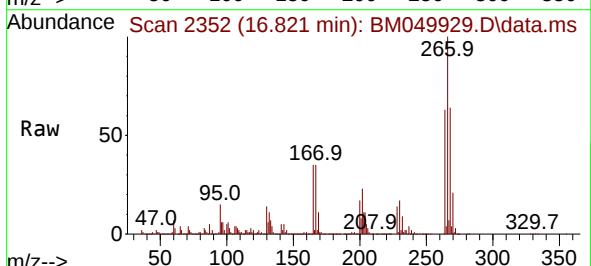
Tgt Ion:266 Resp: 1497814

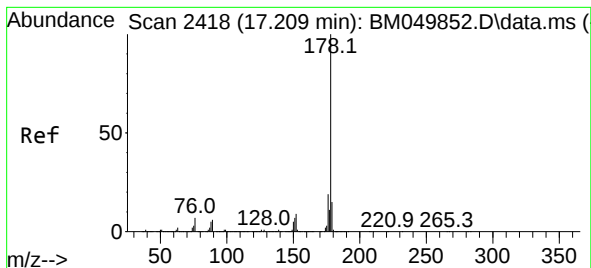
Ion Ratio Lower Upper

266 100

268 63.9 51.4 77.2

264 63.0 49.8 74.8





#71

Phenanthrene

Concen: 45.614 ng

RT: 17.204 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167577BS

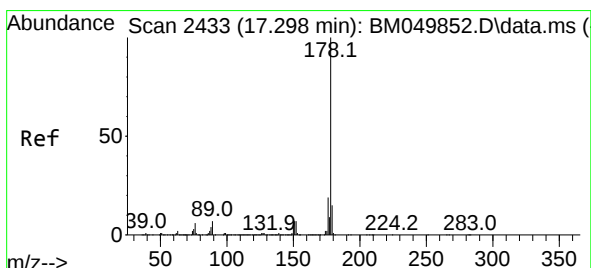
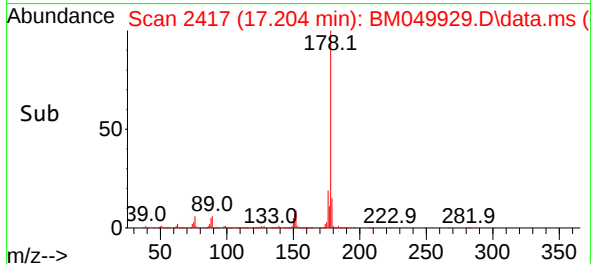
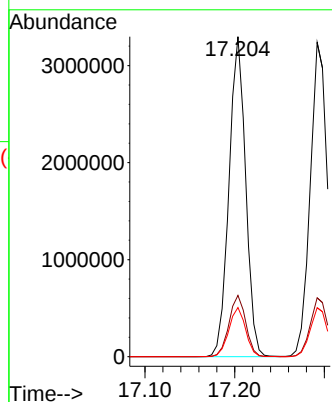
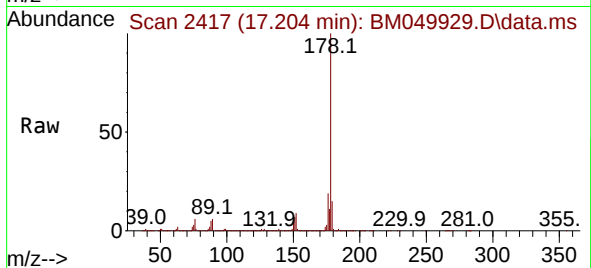
Tgt Ion:178 Resp: 4249848

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.3 12.3 18.5



#72

Anthracene

Concen: 47.208 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

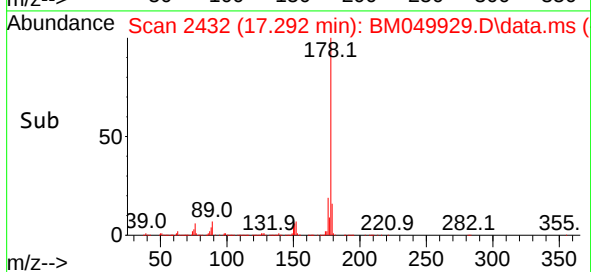
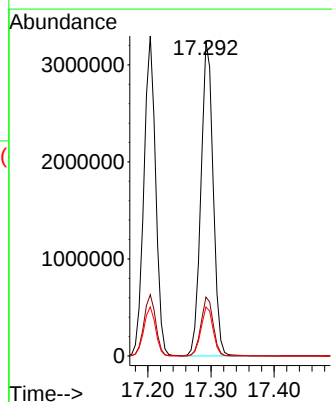
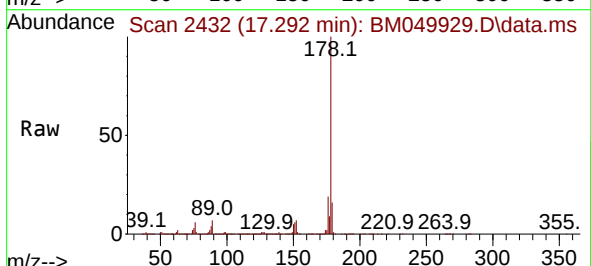
Tgt Ion:178 Resp: 4334490

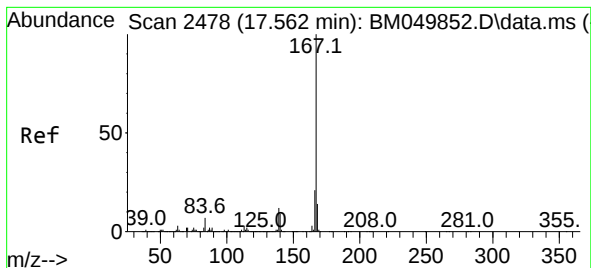
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.6 12.4 18.6





#73

Carbazole

Concen: 45.042 ng

RT: 17.568 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167577BS

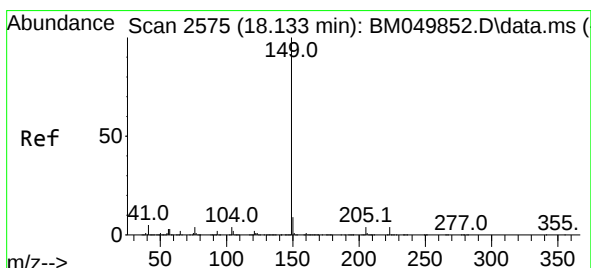
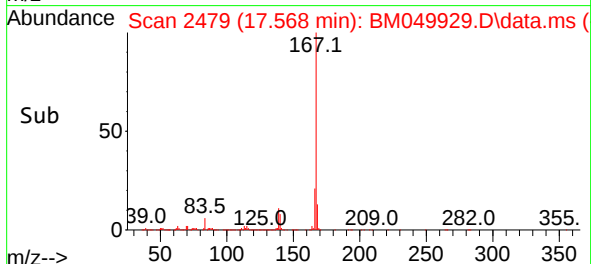
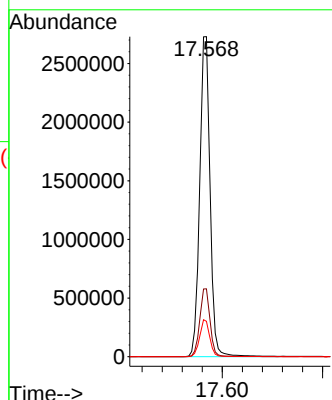
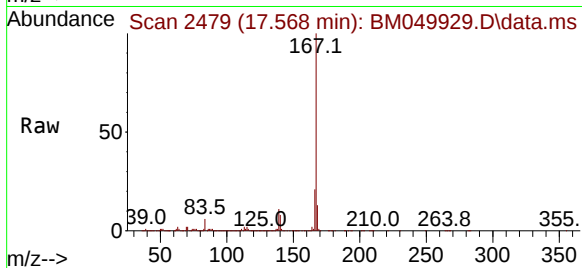
Tgt Ion:167 Resp: 3895183

Ion Ratio Lower Upper

167 100

166 21.2 16.9 25.3

139 11.1 9.3 13.9



#74

Di-n-butylphthalate

Concen: 44.179 ng

RT: 18.127 min Scan# 2574

Delta R.T. -0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

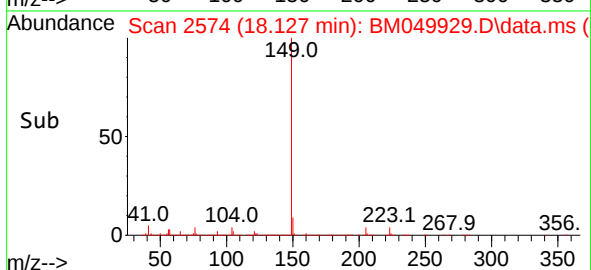
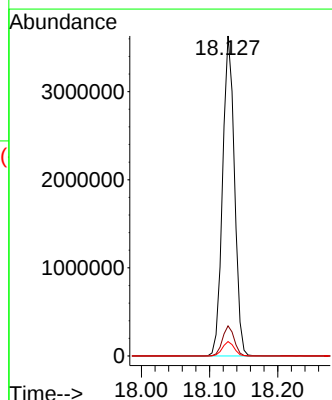
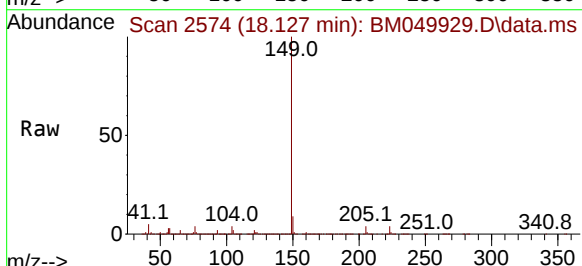
Tgt Ion:149 Resp: 4400587

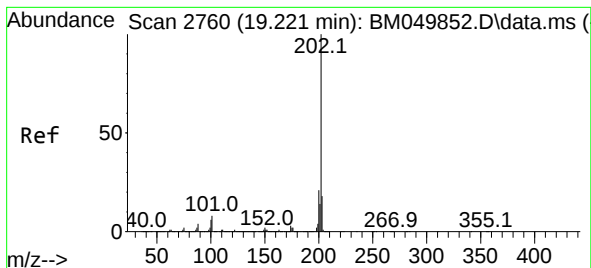
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 44.824 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167577BS

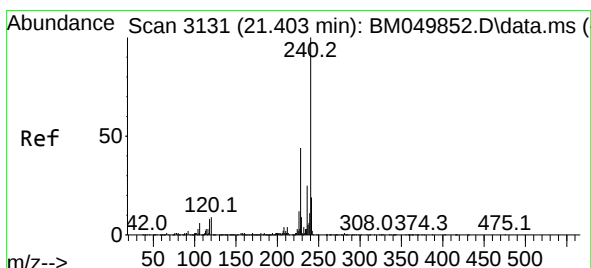
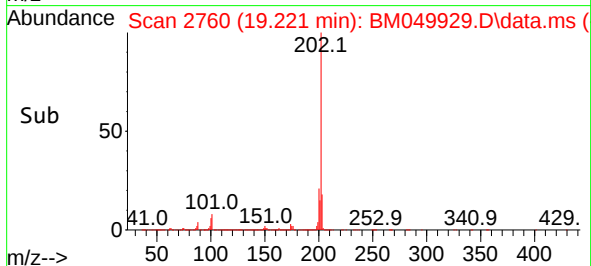
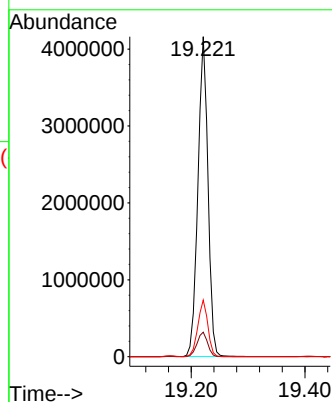
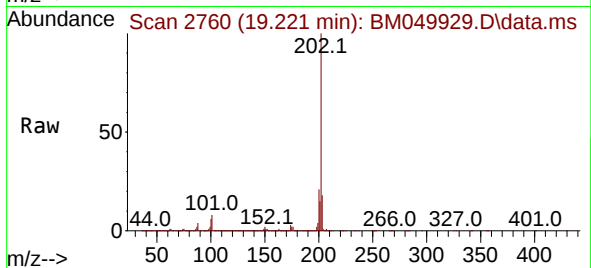
Tgt Ion:202 Resp: 5134794

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.4

203 17.7 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

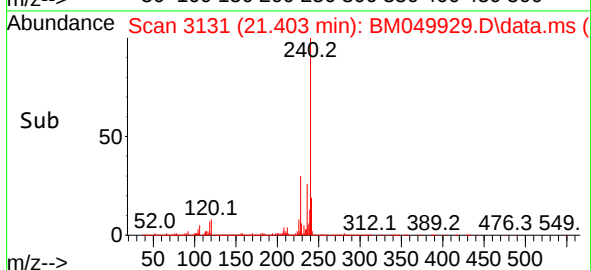
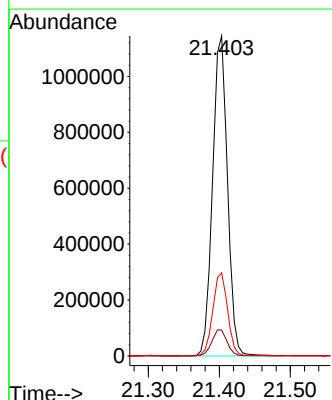
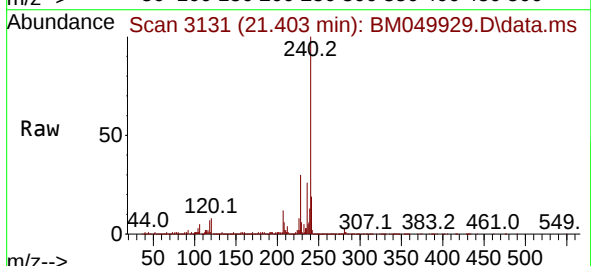
Tgt Ion:240 Resp: 1667631

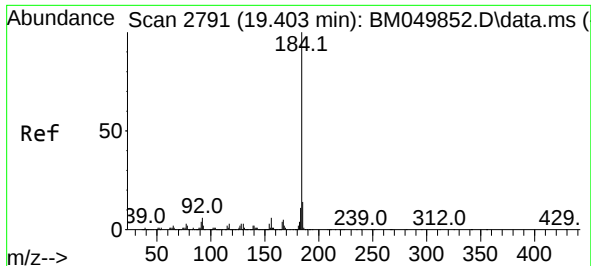
Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

236 26.0 20.4 30.6

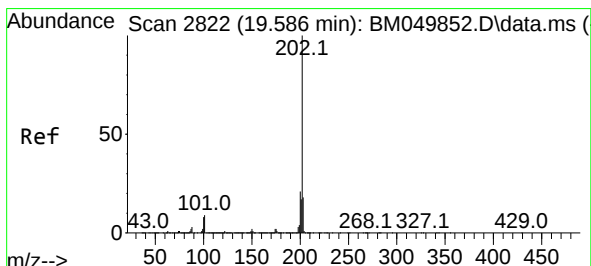
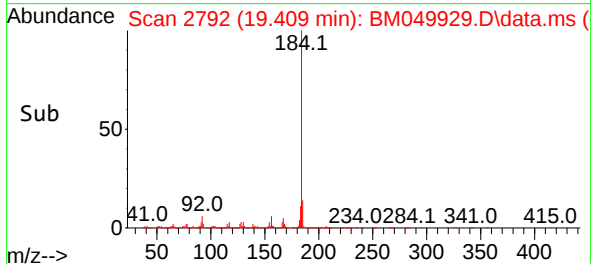
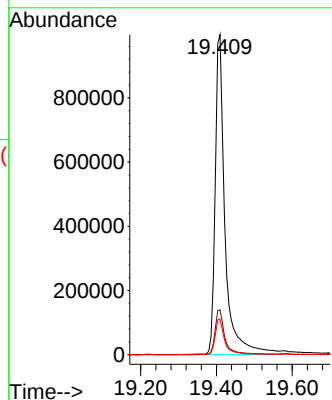
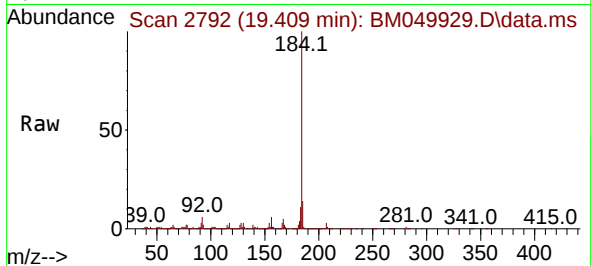




#77
Benzidine
Concen: 81.392 ng
RT: 19.409 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

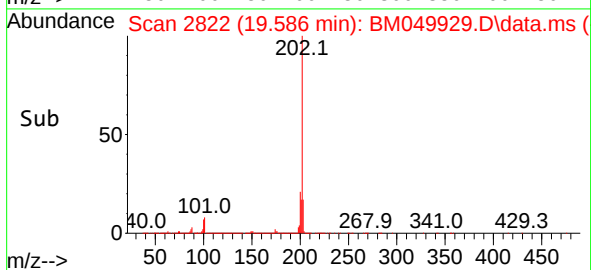
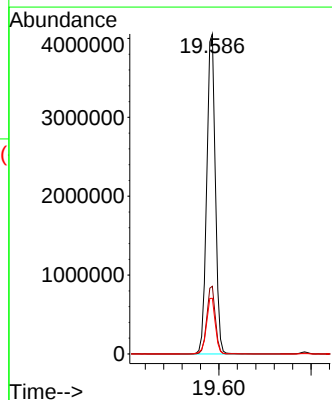
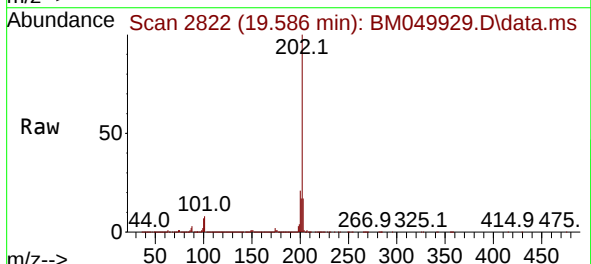
Instrument :
BNA_M
ClientSampleId :
PB167577BS

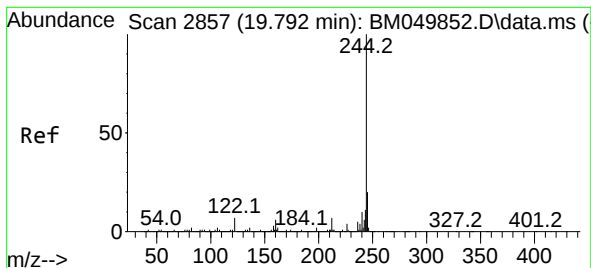
Tgt Ion:184 Resp: 1800665
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 11.1 8.8 13.2



#78
Pyrene
Concen: 46.241 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:202 Resp: 5314431
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 98.458 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049929.D

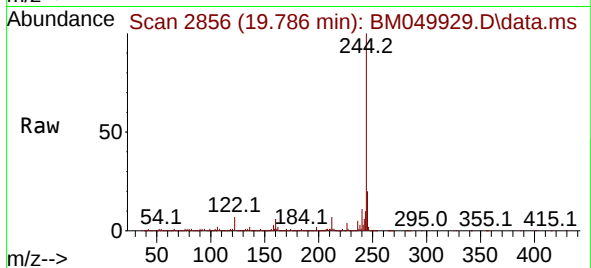
Acq: 15 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167577BS



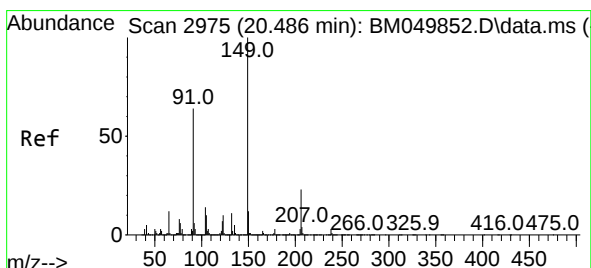
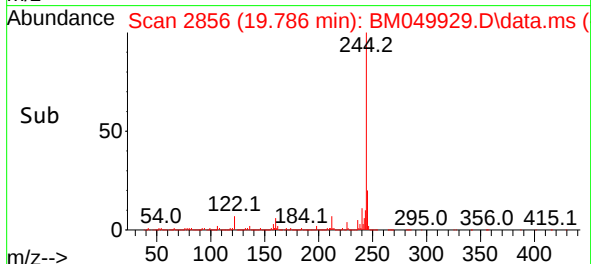
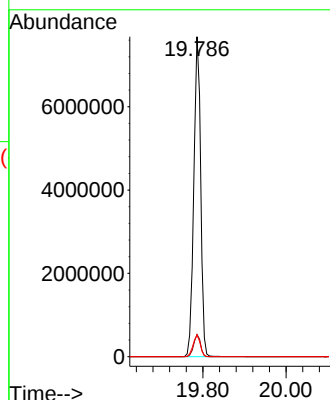
Tgt Ion:244 Resp: 8761319

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 6.8 5.4 8.0



#80

Butylbenzylphthalate

Concen: 45.829 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

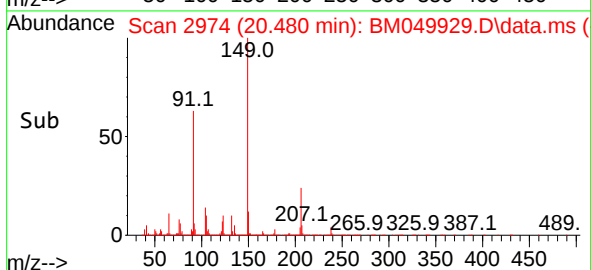
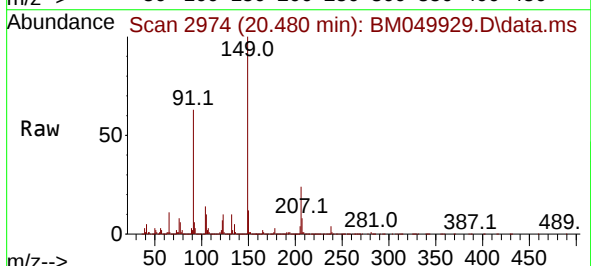
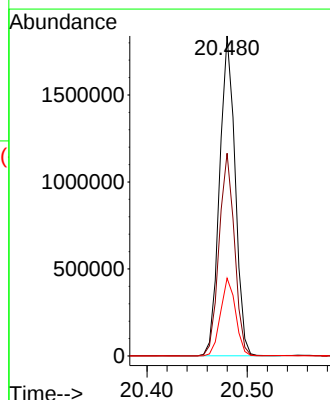
Tgt Ion:149 Resp: 1979147

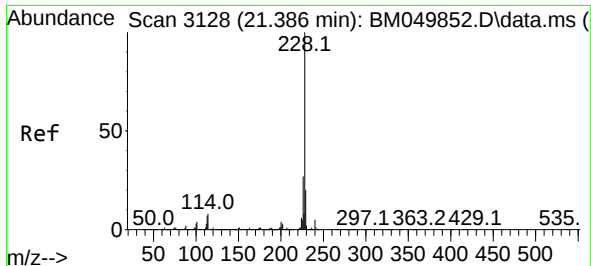
Ion Ratio Lower Upper

149 100

91 63.3 50.9 76.3

206 24.3 18.4 27.6

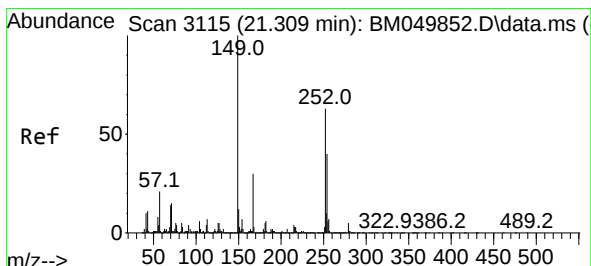
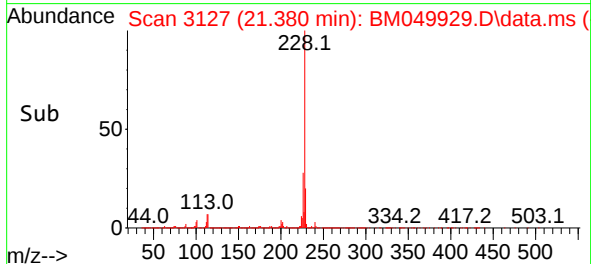
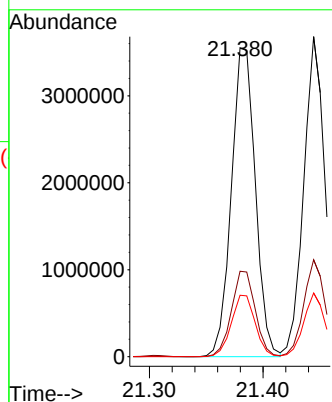
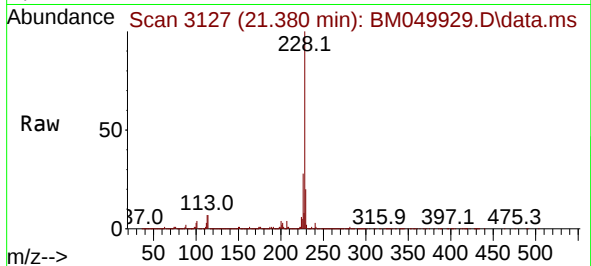




#81
Benzo(a)anthracene
Concen: 47.067 ng
RT: 21.380 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

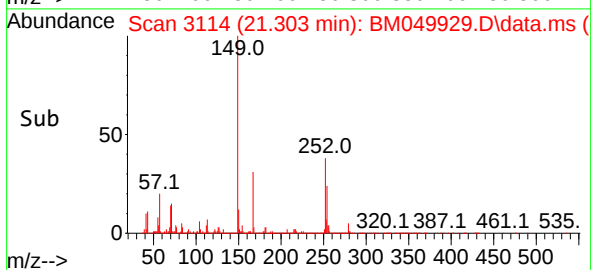
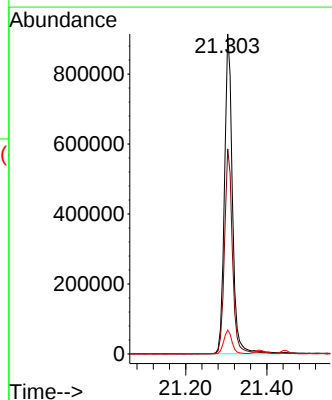
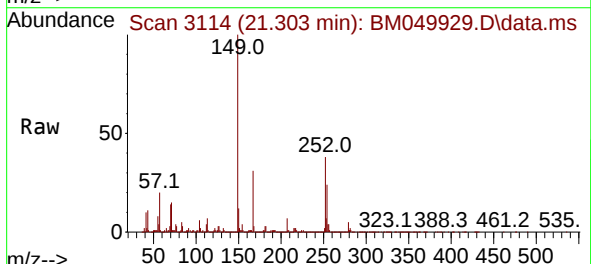
Instrument :
BNA_M
ClientSampleId :
PB167577BS

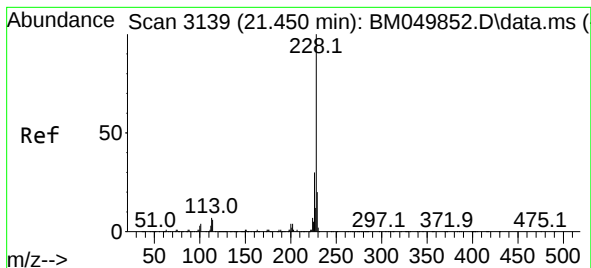
Tgt Ion:228 Resp: 5216434
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 29.881 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:252 Resp: 1250641
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 7.5 6.3 9.5





#83

Chrysene

Concen: 45.650 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167577BS

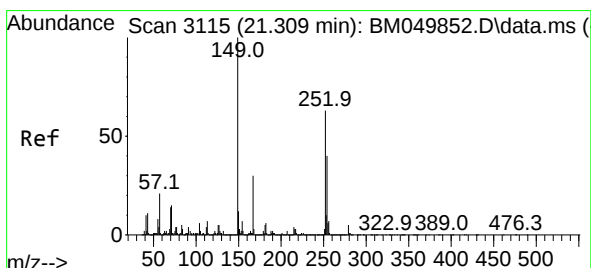
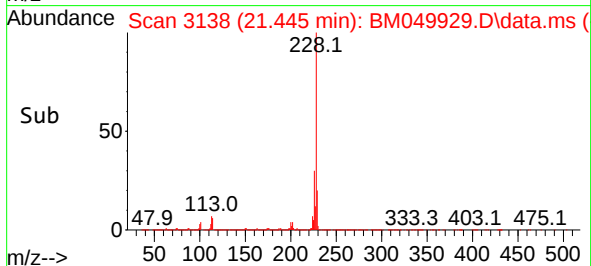
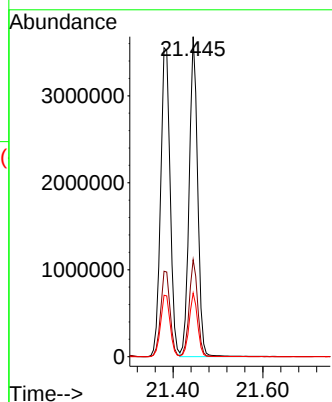
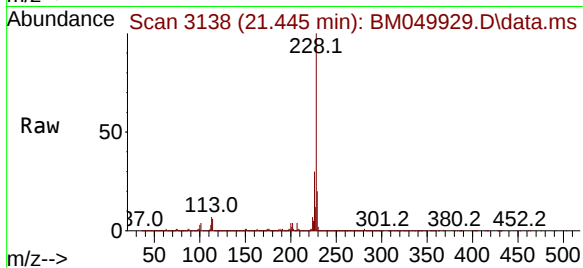
Tgt Ion:228 Resp: 4810031

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.841 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

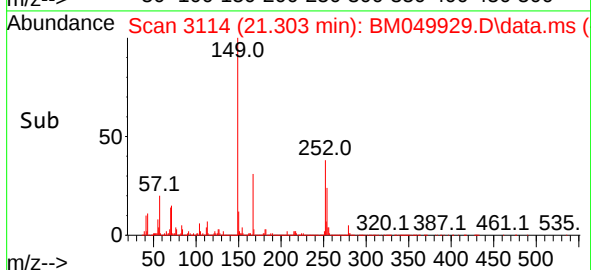
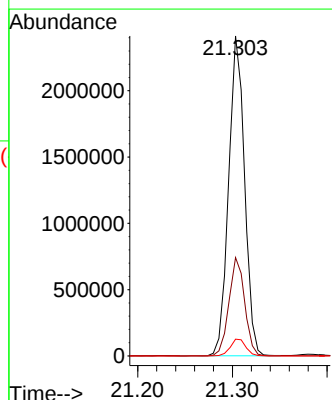
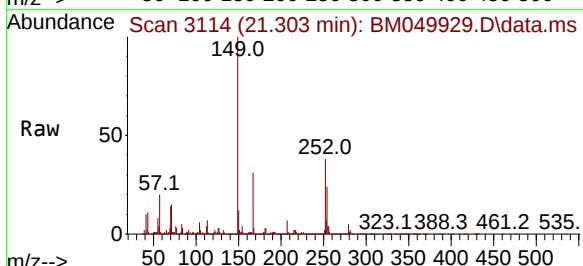
Tgt Ion:149 Resp: 2821380

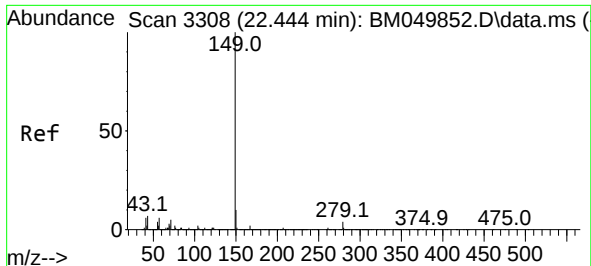
Ion Ratio Lower Upper

149 100

167 30.8 23.8 35.6

279 5.2 3.8 5.8

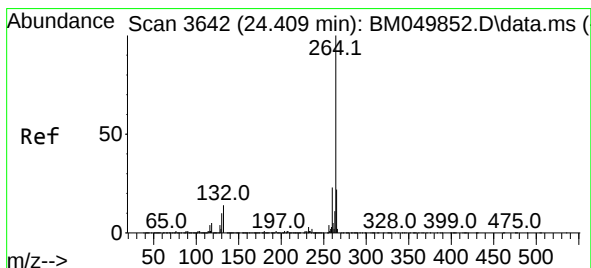
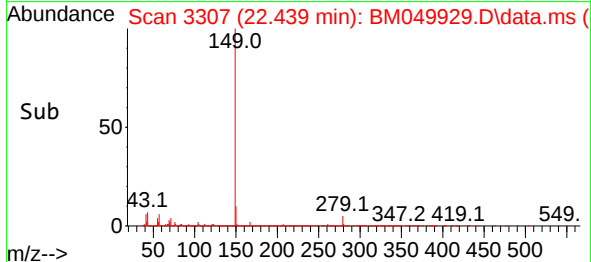
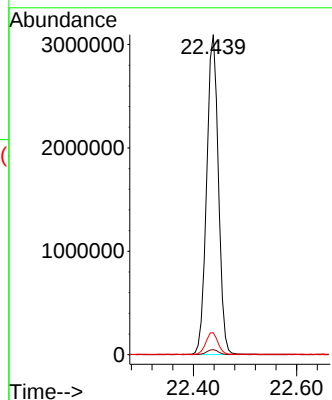
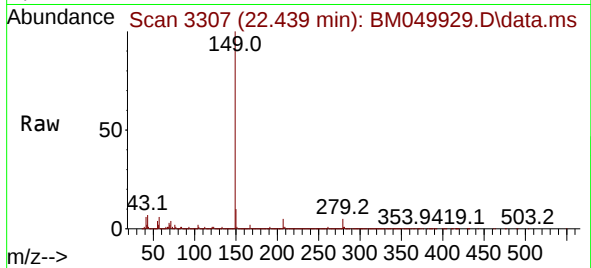




#85
Di-n-octyl phthalate
Concen: 44.153 ng
RT: 22.439 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

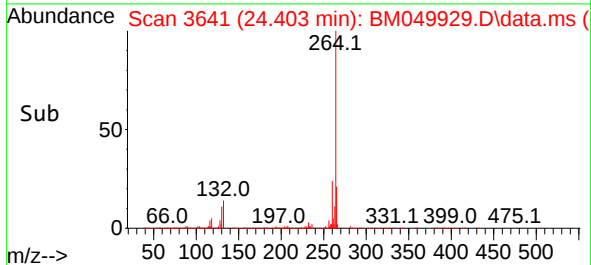
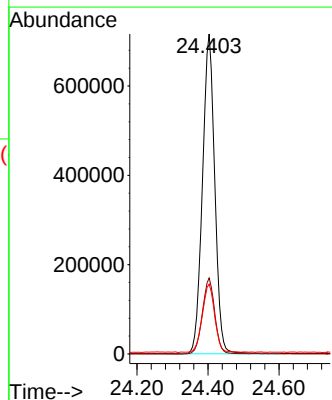
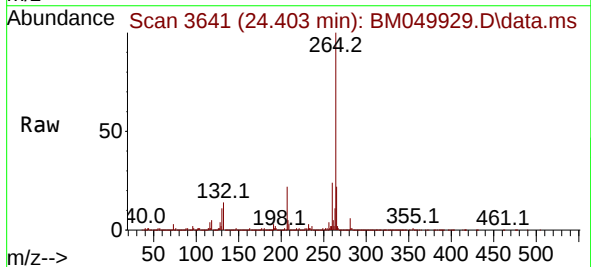
Instrument :
BNA_M
ClientSampleId :
PB167577BS

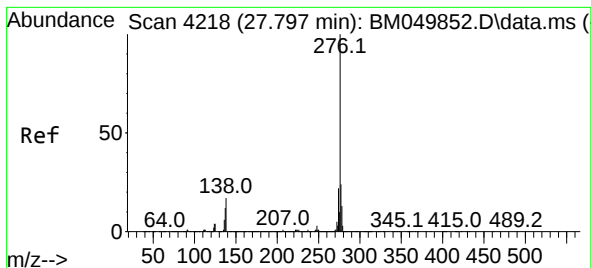
Tgt Ion:149 Resp: 4860081
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.0 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:264 Resp: 1728437
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.8 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.246 ng

RT: 27.803 min Scan# 4219

Delta R.T. 0.006 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167577BS

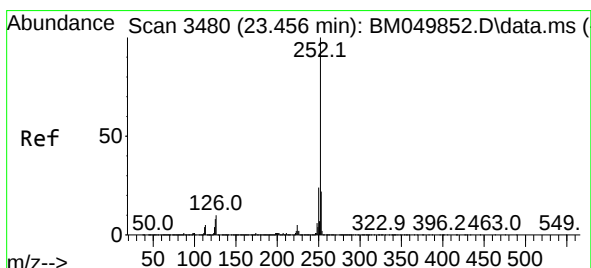
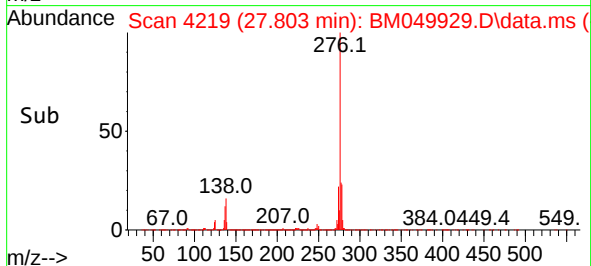
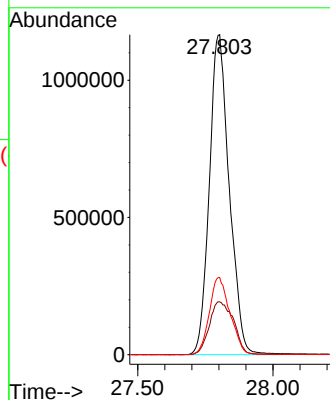
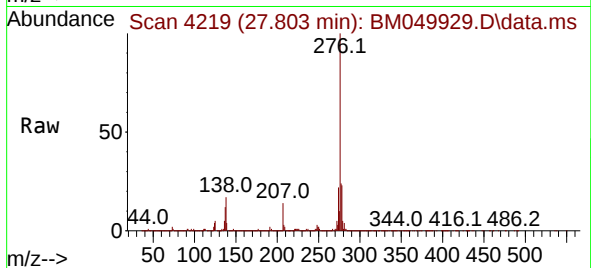
Tgt Ion:276 Resp: 5958306

Ion Ratio Lower Upper

276 100

138 20.2 16.8 25.2

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 44.355 ng

RT: 23.456 min Scan# 3480

Delta R.T. 0.000 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

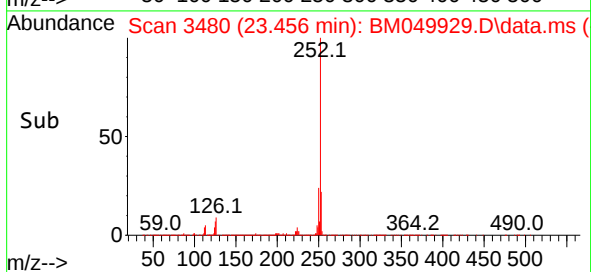
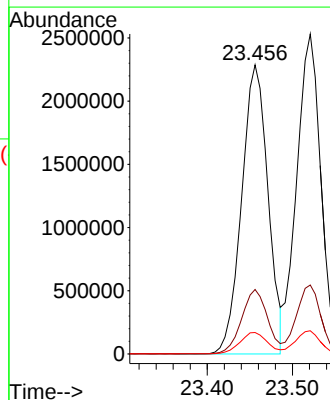
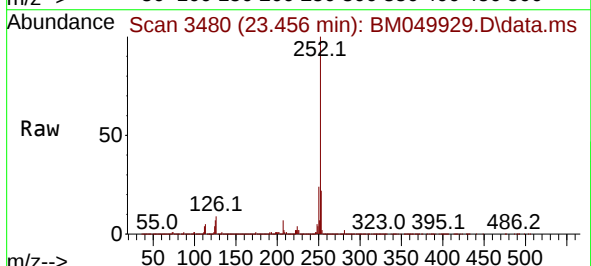
Tgt Ion:252 Resp: 4896246

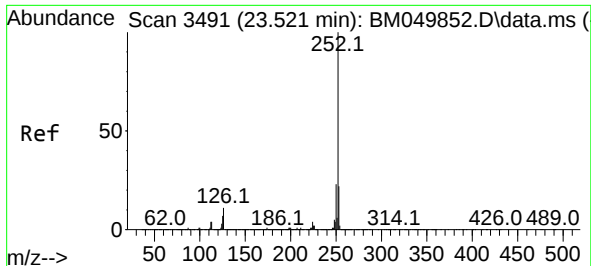
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 7.4 6.2 9.4

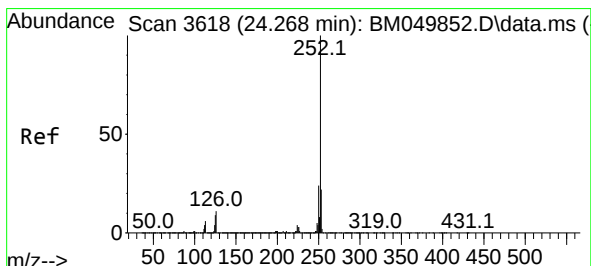
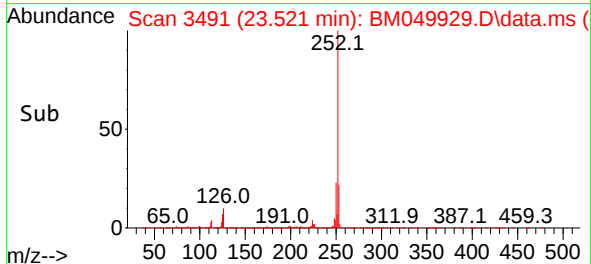
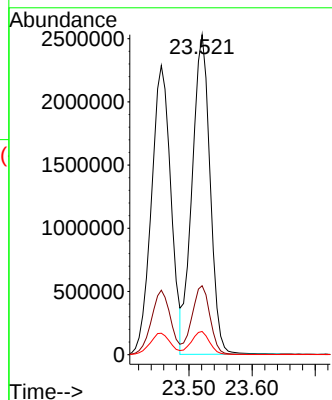
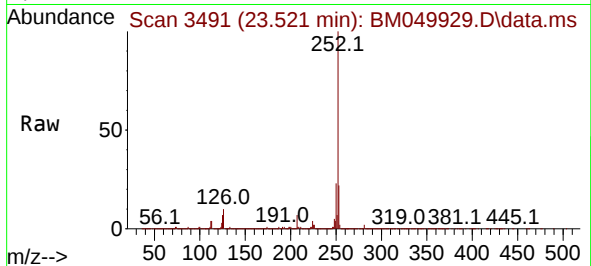




#89
Benzo(k)fluoranthene
Concen: 46.551 ng
RT: 23.521 min Scan# 3491
Delta R.T. 0.000 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

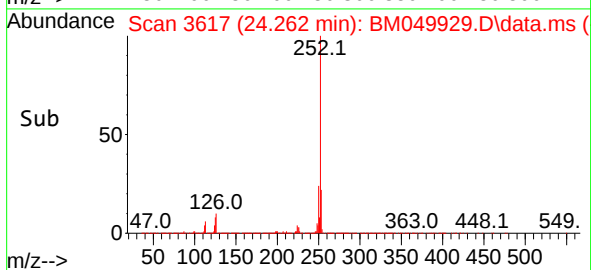
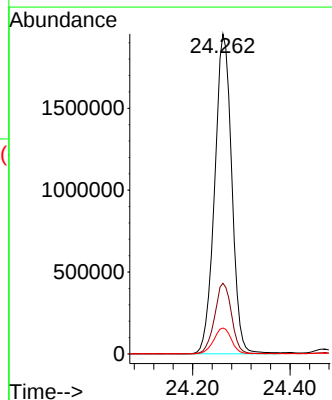
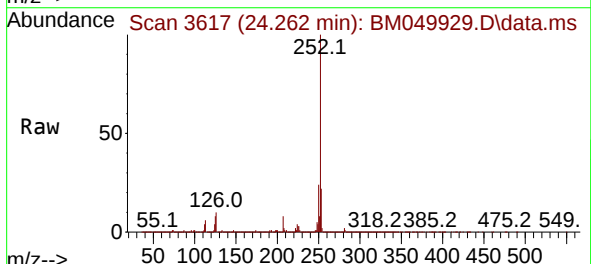
Instrument :
BNA_M
ClientSampleId :
PB167577BS

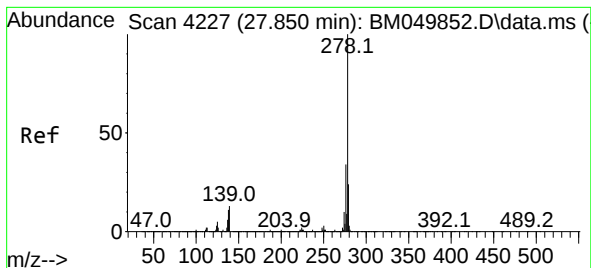
Tgt Ion:252 Resp: 4979762
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 7.3 5.8 8.8



#90
Benzo(a)pyrene
Concen: 48.931 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM049929.D
Acq: 15 Apr 2025 11:15

Tgt Ion:252 Resp: 4746443
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.1 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 46.049 ng

RT: 27.850 min Scan# 4227

Delta R.T. 0.000 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Instrument :

BNA_M

ClientSampleId :

PB167577BS

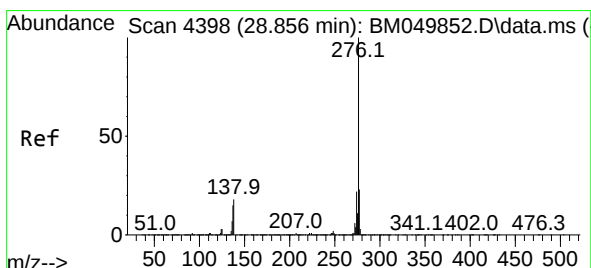
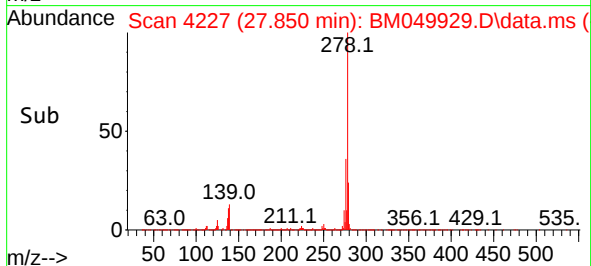
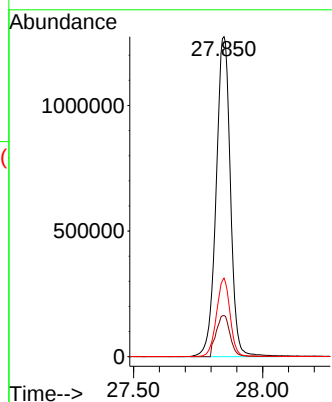
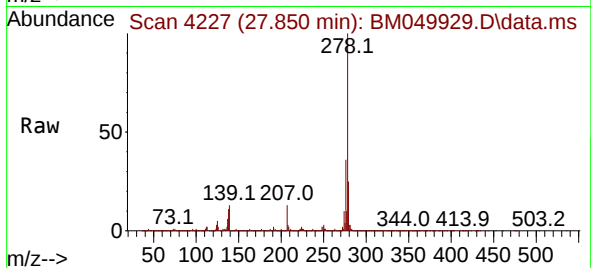
Tgt Ion:278 Resp: 4886859

Ion Ratio Lower Upper

278 100

139 12.8 10.6 15.8

279 24.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 43.511 ng

RT: 28.856 min Scan# 4398

Delta R.T. 0.000 min

Lab File: BM049929.D

Acq: 15 Apr 2025 11:15

Tgt Ion:276 Resp: 4718483

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 17.2 14.6 21.8

