

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047294.D
 Acq On : 21 Aug 2024 12:23
 Operator : RC/JU
 Sample : PB162782BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162782BS

Quant Time: Aug 21 13:13:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	273970	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1001762	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	596135	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1074058	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	757446	20.000	ng	-0.01
86) Perylene-d12	23.715	264	970514	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1775463	115.796	ng	0.00
7) Phenol-d6	6.575	99	2218389	105.002	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1494572	75.124	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	802580	116.109	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	3311592	85.689	ng	-0.02
79) Terphenyl-d14	19.451	244	3656563	103.442	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	200404	31.545	ng	97
3) Pyridine	3.399	79	544520	29.230	ng	97
4) n-Nitrosodimethylamine	3.316	42	289652	35.588	ng	98
6) Aniline	6.704	93	783679	39.245	ng	100
8) 2-Chlorophenol	6.934	128	708647	42.376	ng	98
9) Benzaldehyde	6.522	77	355128	28.667	ng	99
10) Phenol	6.598	94	803993	38.138	ng	100
11) bis(2-Chloroethyl)ether	6.810	93	682852	37.824	ng	98
12) 1,3-Dichlorobenzene	7.245	146	786760	39.591	ng	99
13) 1,4-Dichlorobenzene	7.392	146	802103	39.866	ng	98
14) 1,2-Dichlorobenzene	7.698	146	771890	40.660	ng	99
15) Benzyl Alcohol	7.610	79	618054	41.104	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.881	45	882444	38.092	ng	99
17) 2-Methylphenol	7.822	107	559135	39.756	ng	98
18) Hexachloroethane	8.404	117	310944	39.897	ng	96
19) n-Nitroso-di-n-propyla...	8.169	70	501560	35.244	ng	98
20) 3+4-Methylphenols	8.145	107	747109	37.998	ng	97
22) Acetophenone	8.175	105	959478	39.679	ng	# 99
24) Nitrobenzene	8.545	77	780990	38.985	ng	97
25) Isophorone	9.069	82	1393347	40.224	ng	98
26) 2-Nitrophenol	9.245	139	402152	45.329	ng	94
27) 2,4-Dimethylphenol	9.328	122	545445	52.485	ng	100
28) bis(2-Chloroethoxy)met...	9.557	93	887329	40.710	ng	99
29) 2,4-Dichlorophenol	9.781	162	697081	45.207	ng	99
30) 1,2,4-Trichlorobenzene	9.981	180	751522	43.066	ng	99
31) Naphthalene	10.163	128	2024084	40.559	ng	100
32) Benzoic acid	9.510	122	439326	36.386	ng	97
33) 4-Chloroaniline	10.286	127	517132	26.947	ng	99
34) Hexachlorobutadiene	10.445	225	478004	46.800	ng	100
35) Caprolactam	11.098	113	188788	35.255	ng	90
36) 4-Chloro-3-methylphenol	11.439	107	649748	39.566	ng	99
37) 2-Methylnaphthalene	11.786	142	1435326	40.395	ng	99
38) 1-Methylnaphthalene	12.010	142	1334074	37.990	ng	99
40) 1,2,4,5-Tetrachloroben...	12.169	216	783298	48.174	ng	99
41) Hexachlorocyclopentadiene	12.145	237	1008633	177.647	ng	97
43) 2,4,6-Trichlorophenol	12.433	196	543369	47.016	ng	98

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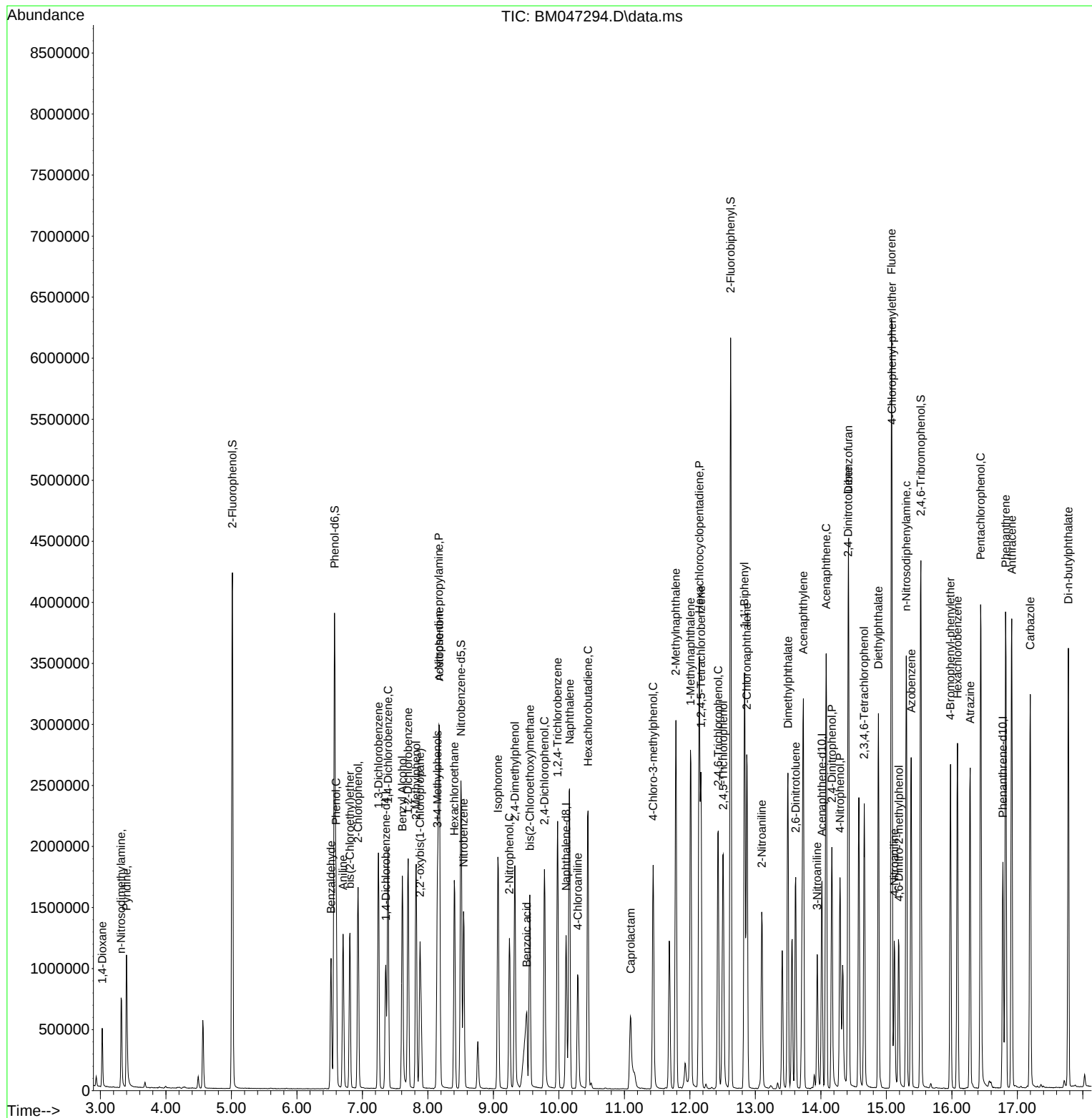
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	574461	44.769	ng	96
46) 1,1'-Biphenyl	12.833	154	1832025	43.168	ng	100
47) 2-Chloronaphthalene	12.869	162	1418402	42.760	ng	99
48) 2-Nitroaniline	13.098	65	409258	39.382	ng	98
49) Acenaphthylene	13.733	152	2188270	44.754	ng	100
50) Dimethylphthalate	13.498	163	1737260	41.726	ng	99
51) 2,6-Dinitrotoluene	13.616	165	385068	39.565	ng	89
52) Acenaphthene	14.080	154	1327953	42.816	ng	99
53) 3-Nitroaniline	13.945	138	277533	28.457	ng	97
54) 2,4-Dinitrophenol	14.169	184	472368	80.979	ng	92
55) Dibenzofuran	14.421	168	2059062	42.030	ng	99
56) 4-Nitrophenol	14.292	139	567384	67.468	ng	98
57) 2,4-Dinitrotoluene	14.416	165	487653	37.539	ng	97
58) Fluorene	15.080	166	1624871	40.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	466329	44.219	ng	94
60) Diethylphthalate	14.880	149	1654768	38.921	ng	99
61) 4-Chlorophenyl-phenyle...	15.086	204	809874	42.084	ng	95
62) 4-Nitroaniline	15.121	138	316572	32.949	ng	98
63) Azobenzene	15.380	77	1527395	37.889	ng	95
65) 4,6-Dinitro-2-methylph...	15.192	198	288412	45.864	ng	89
66) n-Nitrosodiphenylamine	15.304	169	1386360	47.389	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	511680	49.439	ng	98
68) Hexachlorobenzene	16.086	284	578429	46.664	ng	96
69) Atrazine	16.280	200	484535	55.041	ng	98
70) Pentachlorophenol	16.439	266	720850	82.961	ng	99
71) Phenanthrene	16.821	178	2340362	43.418	ng	99
72) Anthracene	16.915	178	2393667	45.639	ng	100
73) Carbazole	17.198	167	2113771	39.472	ng	99
74) Di-n-butylphthalate	17.780	149	2549121	40.910	ng	99
75) Fluoranthene	18.856	202	2438066	37.186	ng	99
77) Benzidine	19.068	184	1104880	86.016	ng	99
78) Pyrene	19.221	202	2539918	46.963	ng	99
80) Butylbenzylphthalate	20.162	149	990772	44.889	ng	96
81) Benzo(a)anthracene	21.003	228	2270764	45.159	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	742353	47.185	ng	100
83) Chrysene	21.062	228	2118834	44.413	ng	99
84) Bis(2-ethylhexyl)phtha...	20.962	149	1346782	43.027	ng	98
85) Di-n-octyl phthalate	21.992	149	2308721	43.395	ng	98
87) Indeno(1,2,3-cd)pyrene	26.709	276	3243450	51.703	ng	98
88) Benzo(b)fluoranthene	22.874	252	2381435	41.319	ng	100
89) Benzo(k)fluoranthene	22.927	252	2415791	44.376	ng	99
90) Benzo(a)pyrene	23.591	252	2392799	47.926	ng	99
91) Dibenzo(a,h)anthracene	26.756	278	2565614	50.537	ng	99
92) Benzo(g,h,i)perylene	27.638	276	2535964	48.112	ng	99

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

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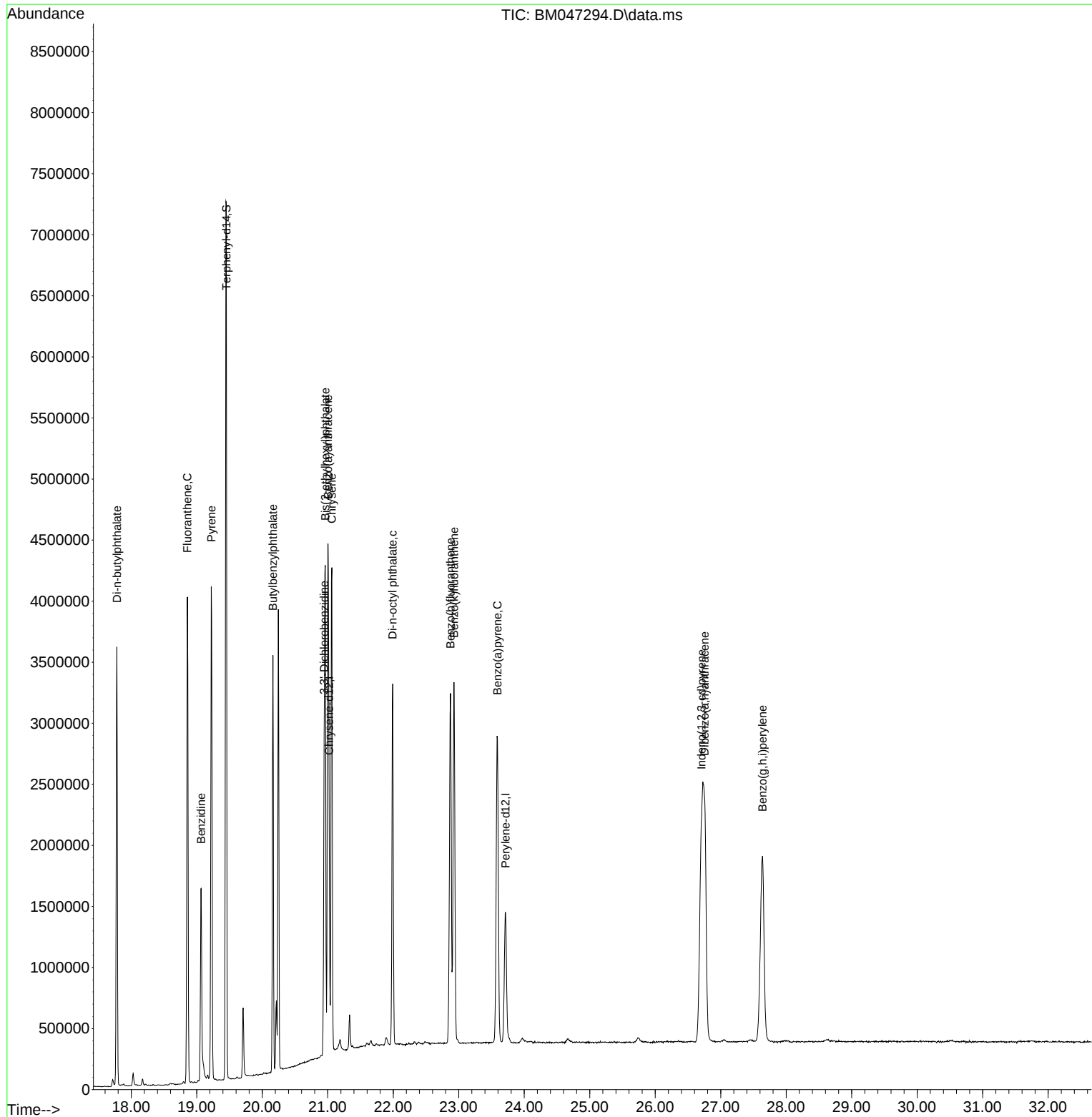
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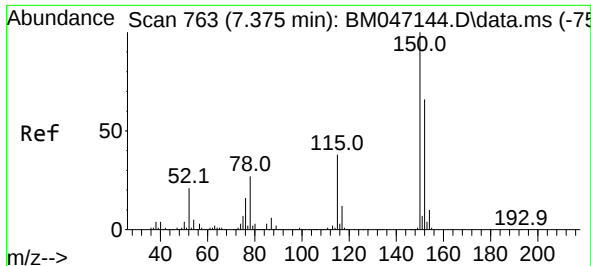


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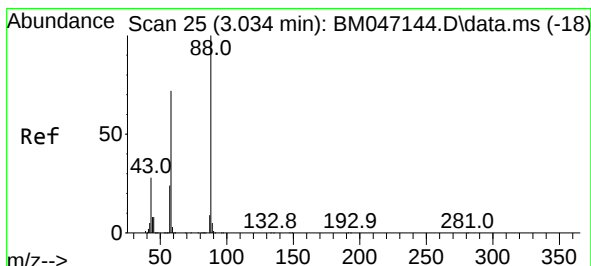
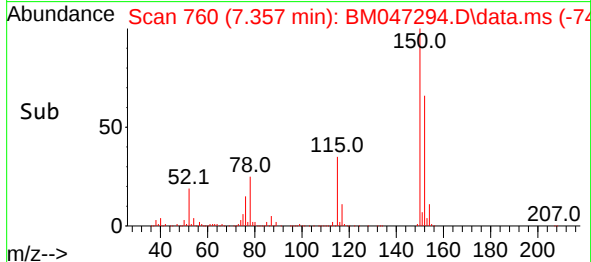
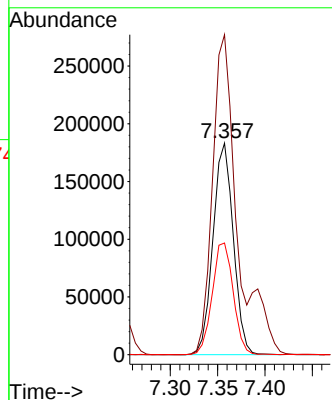
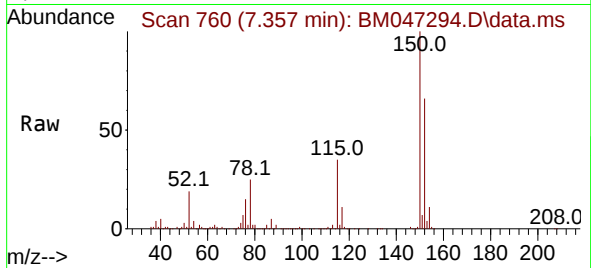




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 70
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

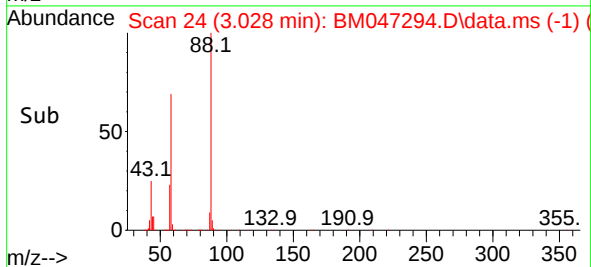
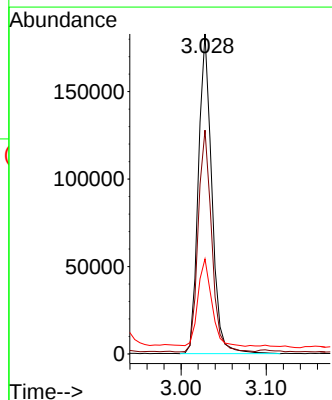
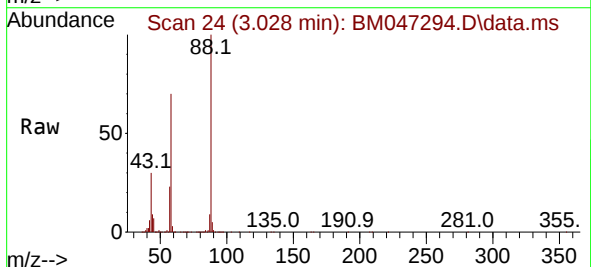
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Tgt Ion:152 Resp: 273970
Ion Ratio Lower Upper
152 100
150 151.2 120.5 180.7
115 52.7 45.5 68.3



#2
1,4-Dioxane
Concen: 31.545 ng
RT: 3.028 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion: 88 Resp: 200404
Ion Ratio Lower Upper
88 100
58 69.5 58.2 87.4
43 27.9 22.5 33.7

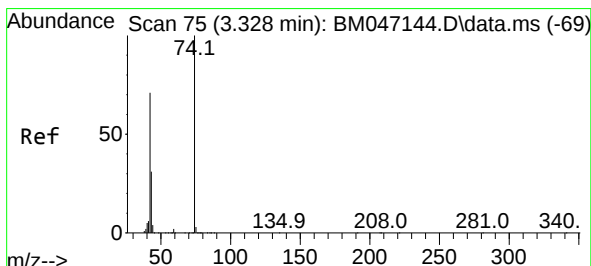
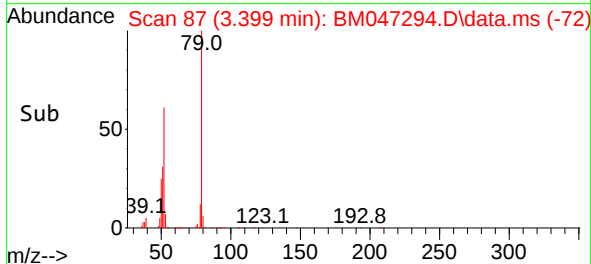
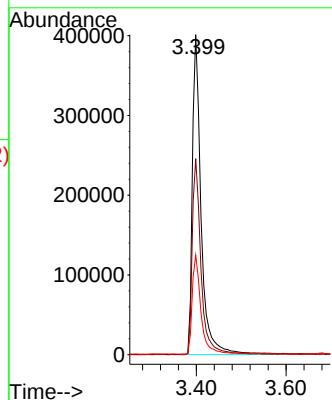
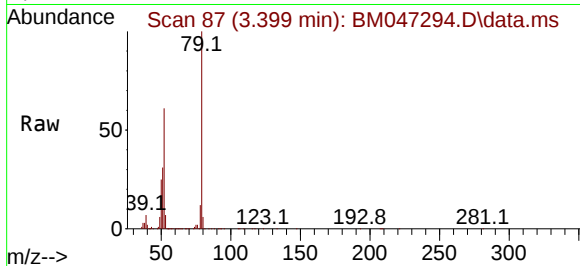




#3
 Pyridine
 Concen: 29.230 ng
 RT: 3.399 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BM047294.D
 Acq: 21 Aug 2024 12:23

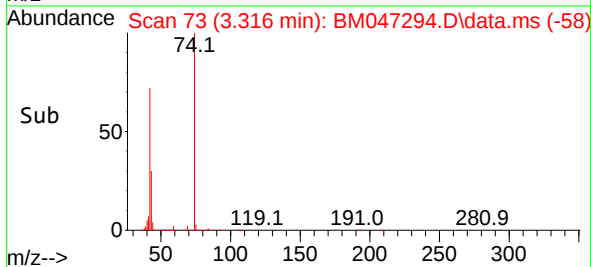
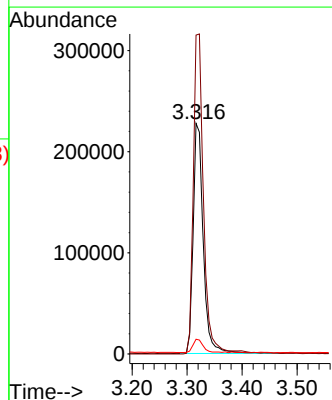
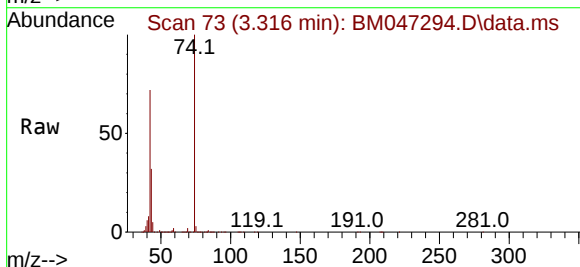
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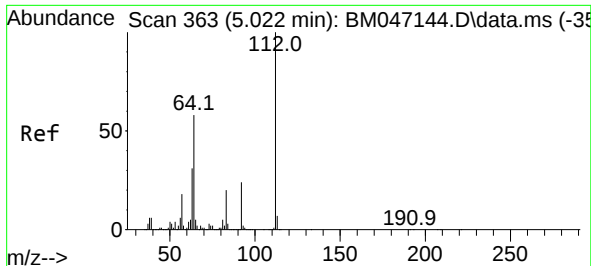
Tgt Ion: 79 Resp: 544520
 Ion Ratio Lower Upper
 79 100
 52 61.3 51.2 76.8
 51 31.1 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 35.588 ng
 RT: 3.316 min Scan# 73
 Delta R.T. -0.012 min
 Lab File: BM047294.D
 Acq: 21 Aug 2024 12:23

Tgt Ion: 42 Resp: 289652
 Ion Ratio Lower Upper
 42 100
 74 138.3 112.9 169.3
 44 6.4 5.3 7.9

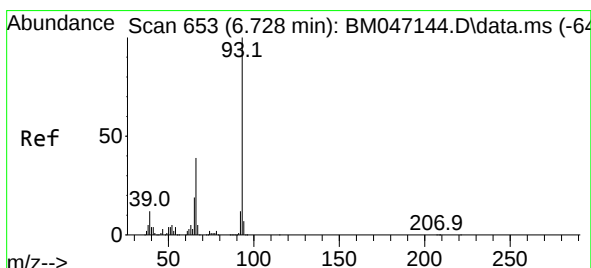
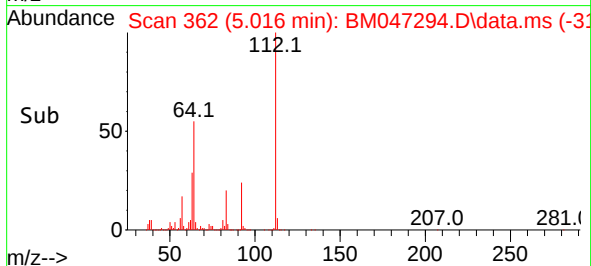
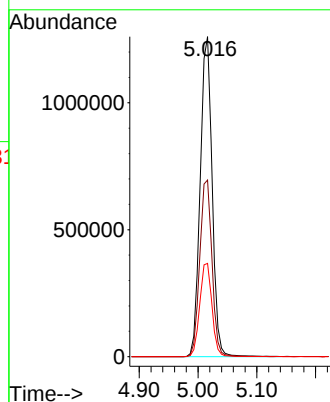
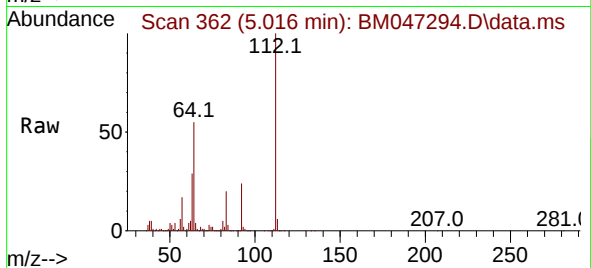




#5
2-Fluorophenol
Concen: 115.796 ng
RT: 5.016 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM047294.D
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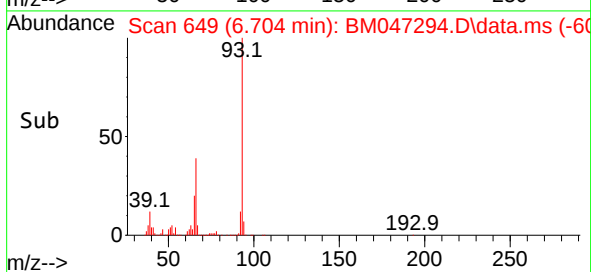
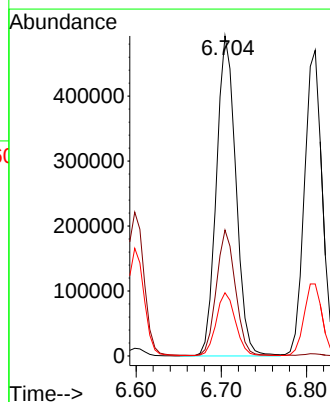
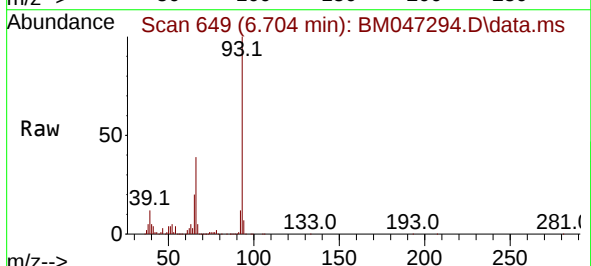
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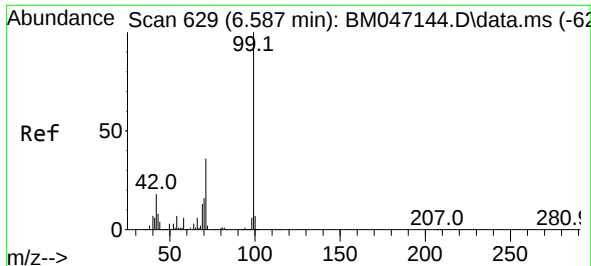
Tgt Ion:112 Resp: 1775463
Ion Ratio Lower Upper
112 100
64 55.2 46.7 70.1
63 29.2 24.8 37.2



#6
Aniline
Concen: 39.245 ng
RT: 6.704 min Scan# 649
Delta R.T. -0.024 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion: 93 Resp: 783679
Ion Ratio Lower Upper
93 100
66 39.3 31.4 47.2
65 19.8 15.6 23.4

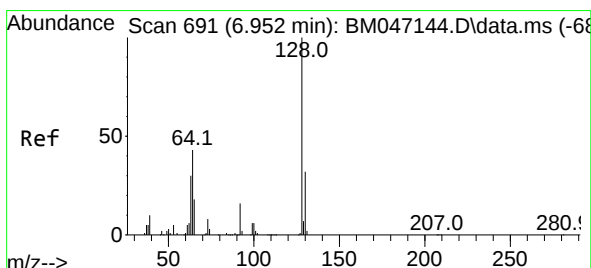
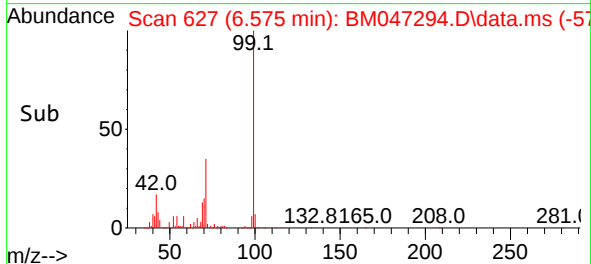
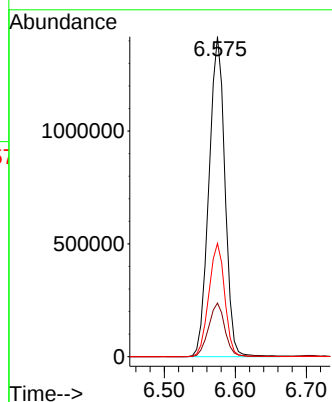
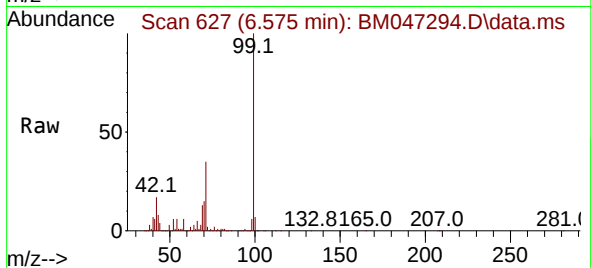




#7
Phenol-d6
Concen: 105.002 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047294.D
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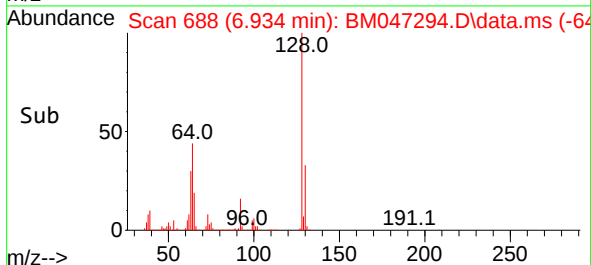
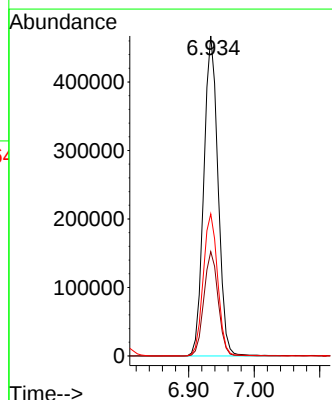
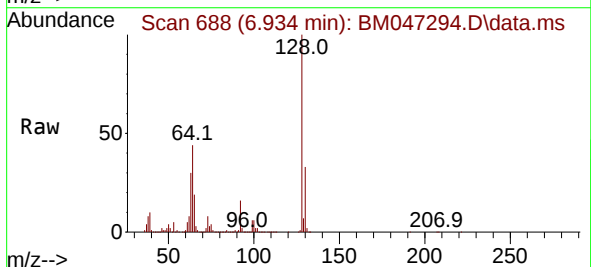
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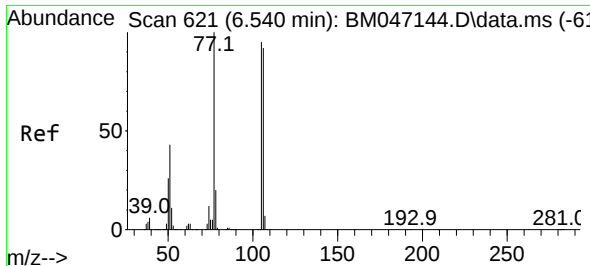
Tgt Ion: 99 Resp: 2218389
Ion Ratio Lower Upper
99 100
42 16.8 14.1 21.1
71 35.4 28.5 42.7



#8
2-Chlorophenol
Concen: 42.376 ng
RT: 6.934 min Scan# 688
Delta R.T. -0.018 min
Lab File: BM047294.D
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Tgt Ion: 128 Resp: 708647
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 44.4 26.6 66.6

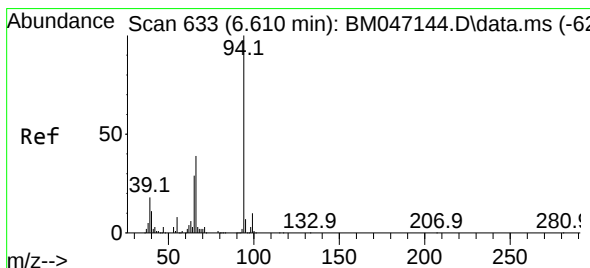
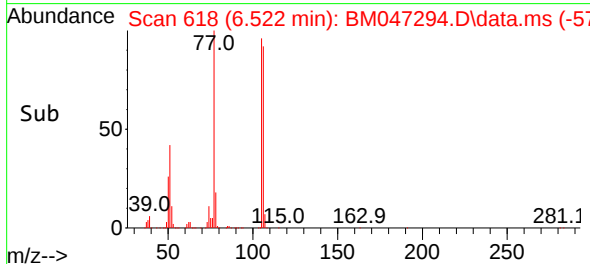
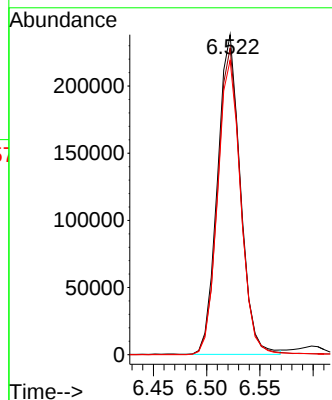
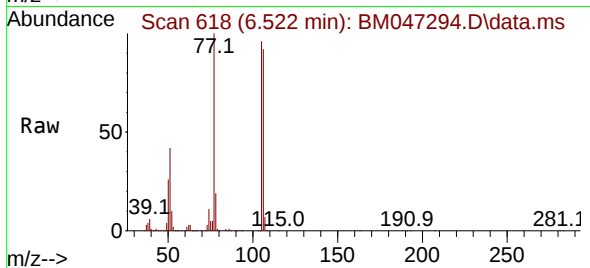




#9
Benzaldehyde
Concen: 28.667 ng
RT: 6.522 min Scan# 618
Delta R.T. -0.018 min
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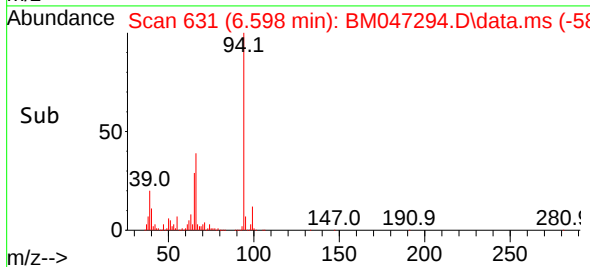
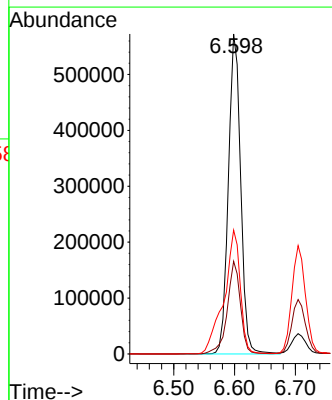
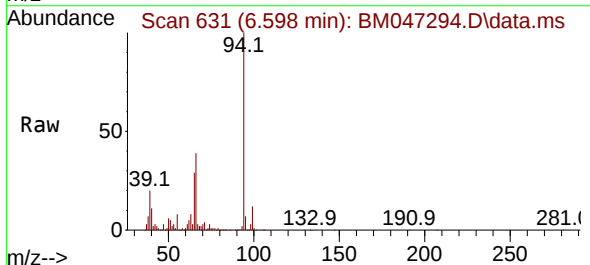
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ClientSampleId :
PB162782BS

Tgt Ion: 77 Resp: 355128
Ion Ratio Lower Upper
77 100
105 95.8 74.5 114.5
106 92.0 72.3 112.3



#10
Phenol
Concen: 38.138 ng
RT: 6.598 min Scan# 631
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion: 94 Resp: 803993
Ion Ratio Lower Upper
94 100
65 29.0 9.0 49.0
66 38.7 18.9 58.9

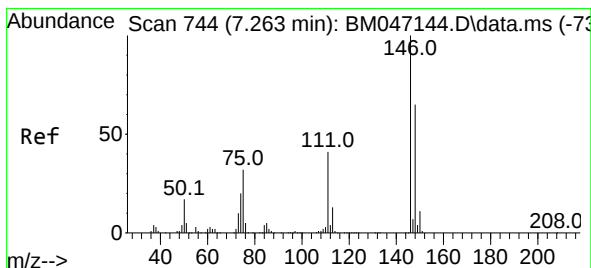
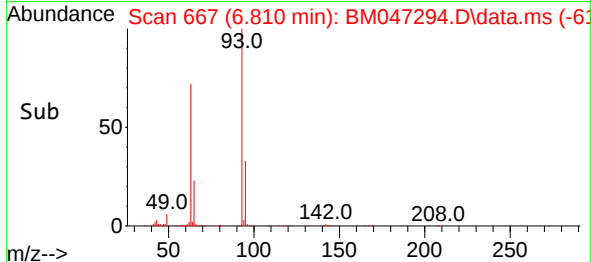
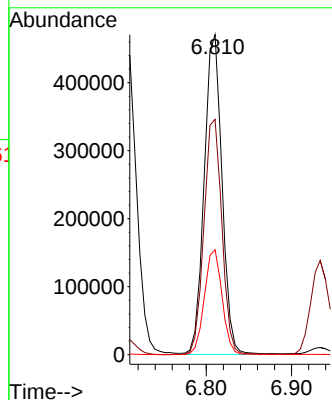
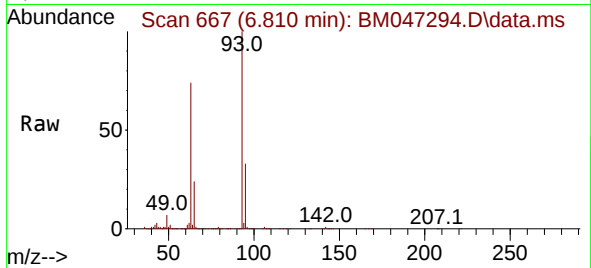




#11
bis(2-Chloroethyl)ether
Concen: 37.824 ng
RT: 6.810 min Scan# 60
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

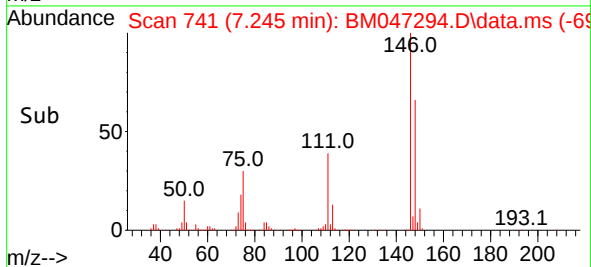
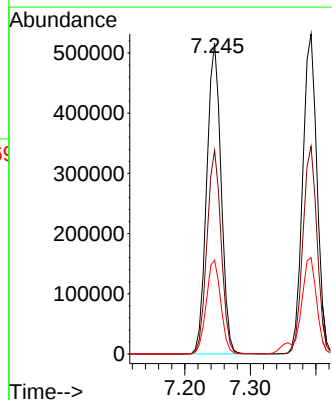
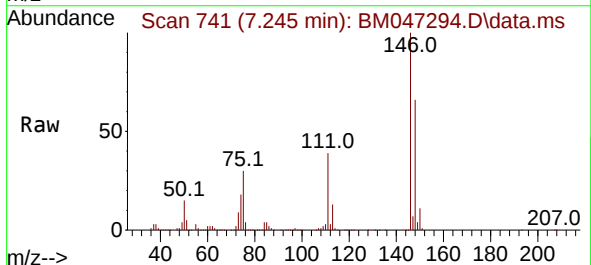
Instrument :
BNA_M
ClientSampleId :
PB162782BS

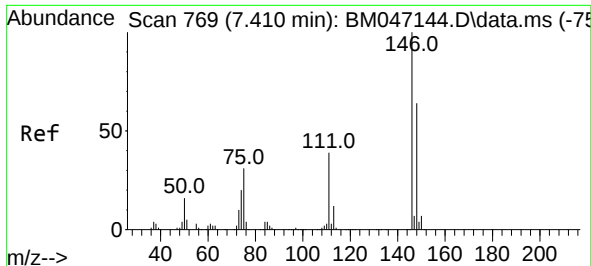
Tgt Ion: 93 Resp: 682852
Ion Ratio Lower Upper
93 100
63 73.6 55.8 95.8
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.591 ng
RT: 7.245 min Scan# 741
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion: 146 Resp: 786760
Ion Ratio Lower Upper
146 100
148 65.6 52.3 78.5
75 30.2 25.8 38.6

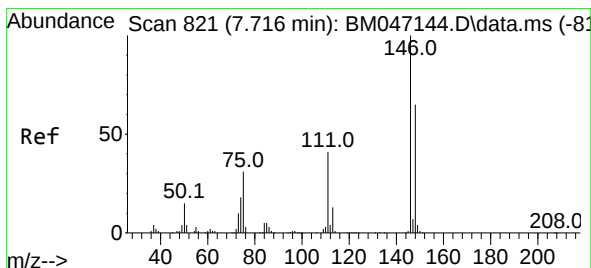
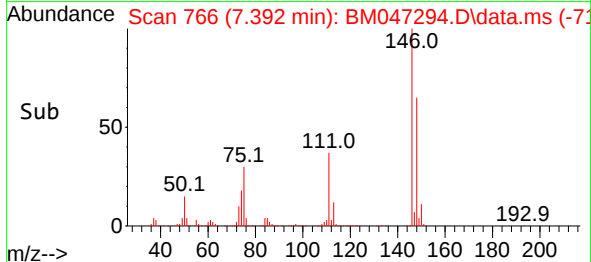
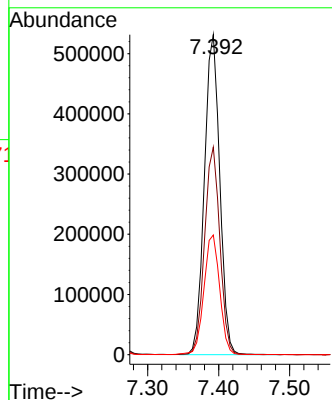
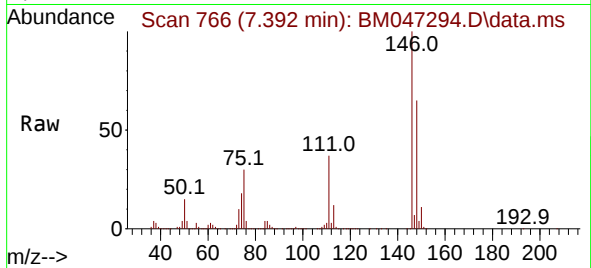




#13
1,4-Dichlorobenzene
Concen: 39.866 ng
RT: 7.392 min Scan# 701
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

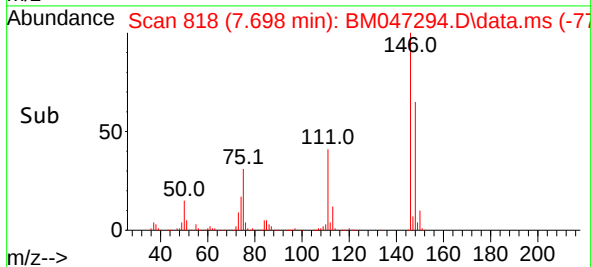
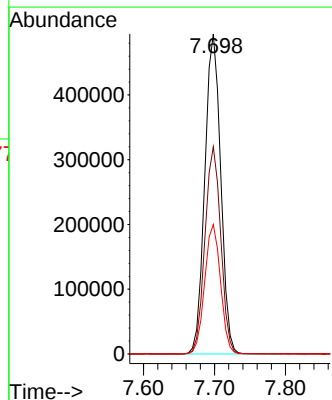
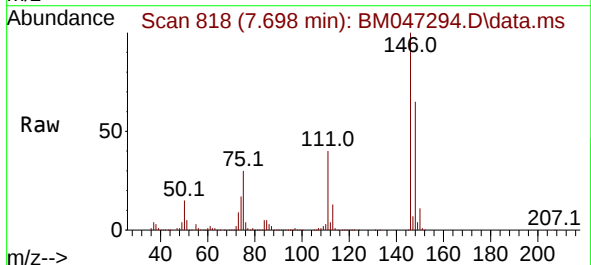
Instrument :
BNA_M
ClientSampleId :
PB162782BS

Tgt Ion:146 Resp: 802103
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
111 37.4 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 40.660 ng
RT: 7.698 min Scan# 818
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:146 Resp: 771890
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
111 40.4 33.3 49.9

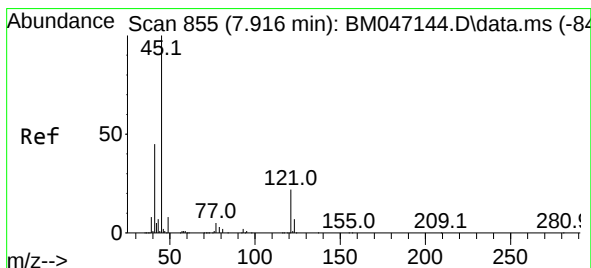
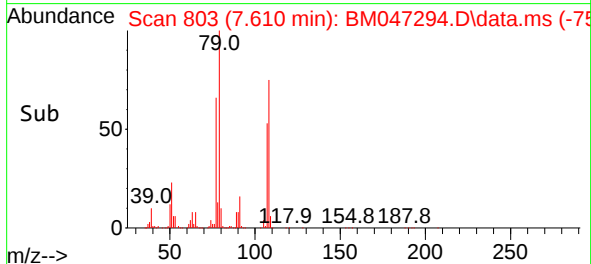
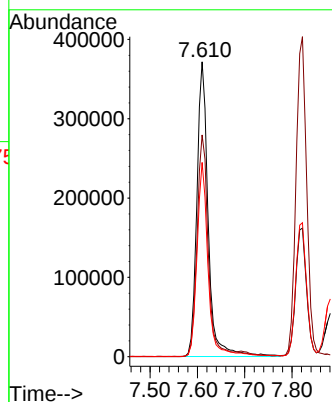
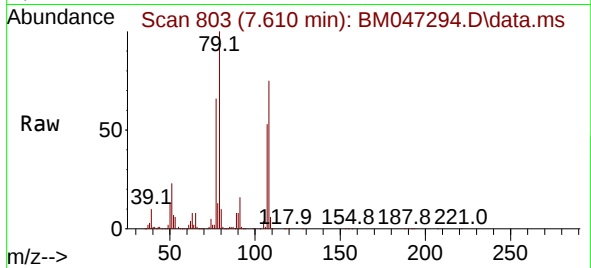




#15
Benzyl Alcohol
Concen: 41.104 ng
RT: 7.610 min Scan# 803
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

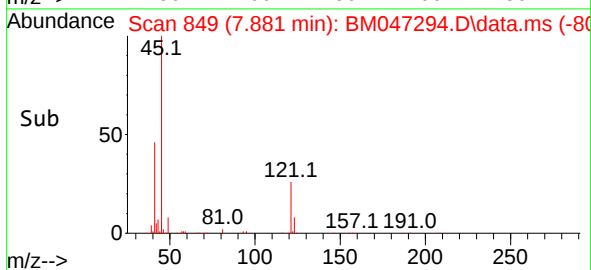
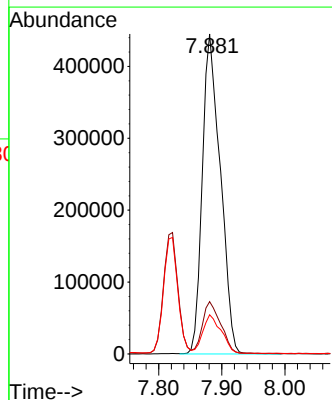
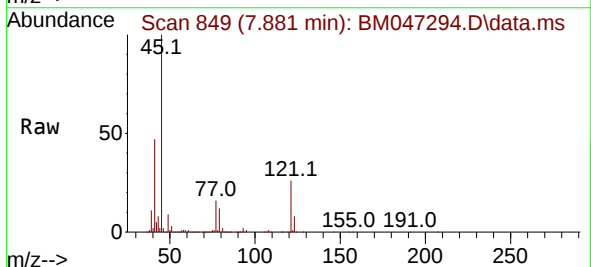
Instrument :
BNA_M
ClientSampleId :
PB162782BS

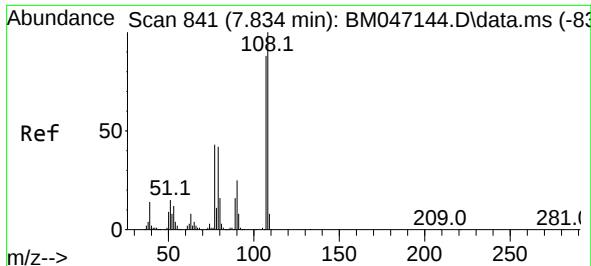
Tgt Ion: 79 Resp: 618054
Ion Ratio Lower Upper
79 100
108 75.2 59.7 89.5
77 65.9 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.092 ng
RT: 7.881 min Scan# 849
Delta R.T. -0.035 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion: 45 Resp: 882444
Ion Ratio Lower Upper
45 100
77 16.3 0.0 35.6
79 12.3 0.0 32.4

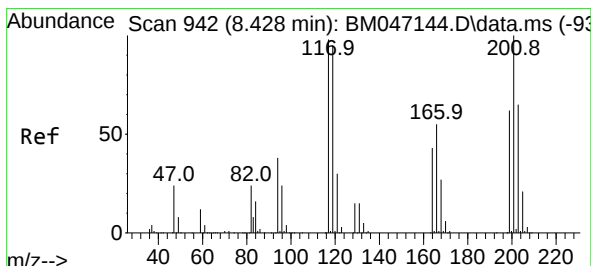
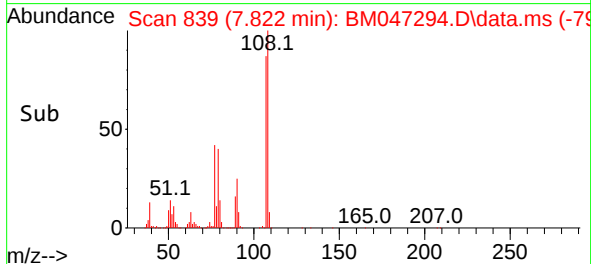
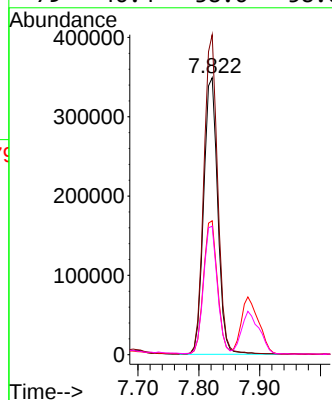
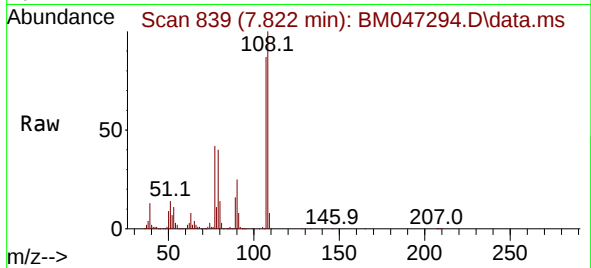




#17
2-Methylphenol
Concen: 39.756 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

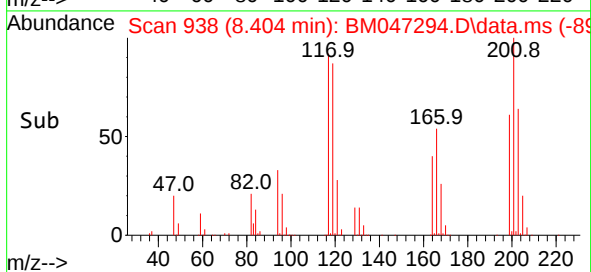
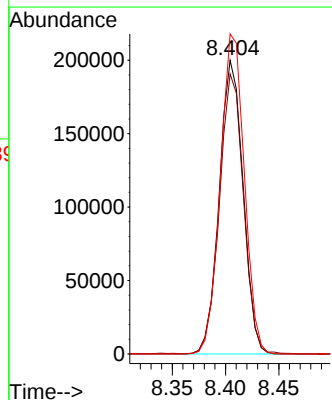
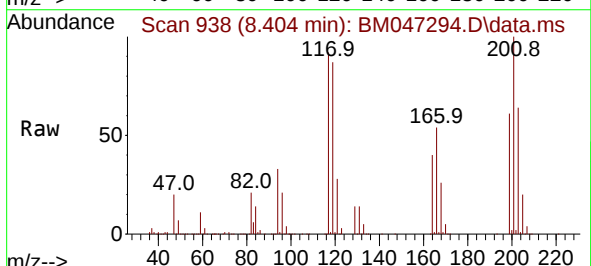
Instrument :
BNA_M
ClientSampleId :
PB162782BS

Tgt Ion:	107	Resp:	559135
Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.6	135.8
77	48.3	39.3	58.9
79	46.4	38.6	58.0



#18
Hexachloroethane
Concen: 39.897 ng
RT: 8.404 min Scan# 938
Delta R.T. -0.024 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:	117	Resp:	310944
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.4
201	109.0	81.3	121.9



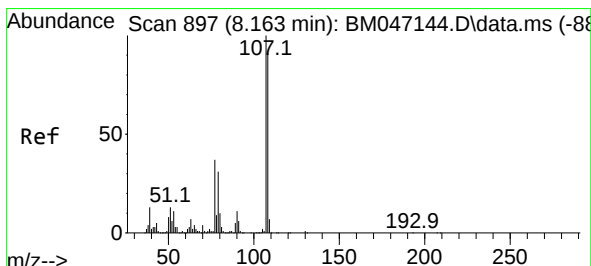
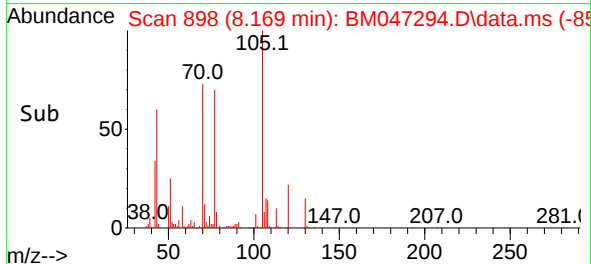
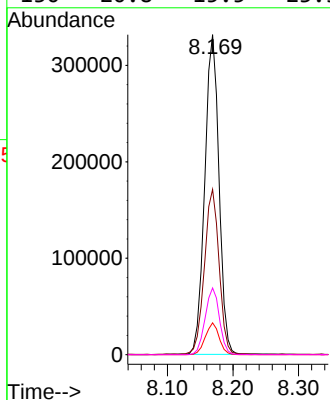
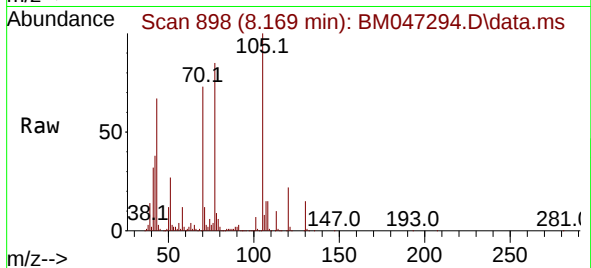


#19
n-Nitroso-di-n-propylamine
Concen: 35.244 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Instrument :
BNA_M
ClientSampleId :
PB162782BS

Tgt Ion: 70 Resp: 501560

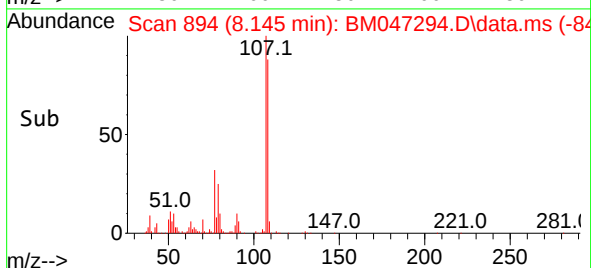
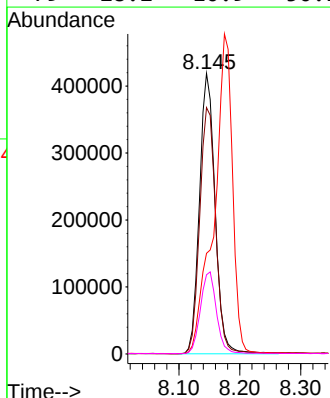
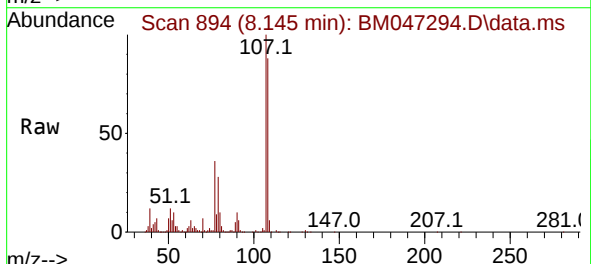
Ion	Ratio	Lower	Upper
70	100		
42	51.6	42.0	63.0
101	9.9	7.2	10.8
130	20.8	15.5	23.3

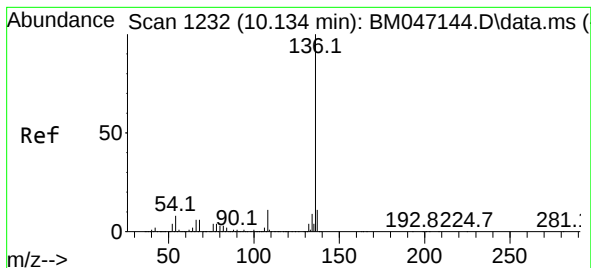


#20
3+4-Methylphenols
Concen: 37.998 ng
RT: 8.145 min Scan# 894
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion: 107 Resp: 747109

Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.7	110.7
77	35.9	17.4	57.4
79	28.2	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.024 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

Tgt Ion:136 Resp: 1001762

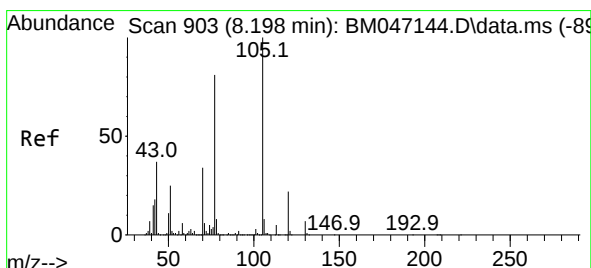
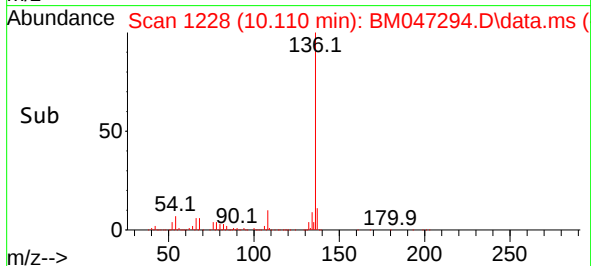
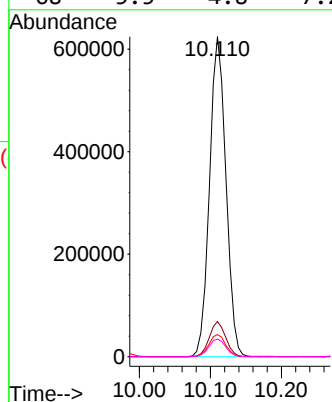
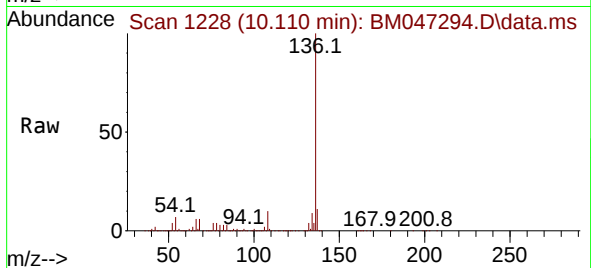
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.9 6.0 9.0

68 5.5 4.8 7.2



#22

Acetophenone

Concen: 39.679 ng

RT: 8.175 min Scan# 899

Delta R.T. -0.024 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Tgt Ion:105 Resp: 959478

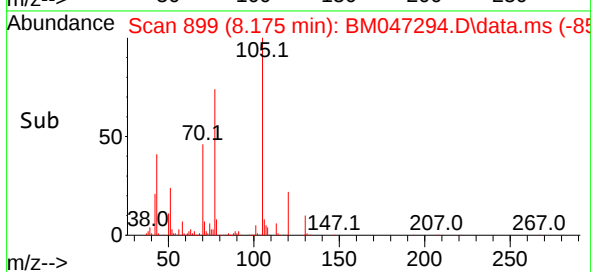
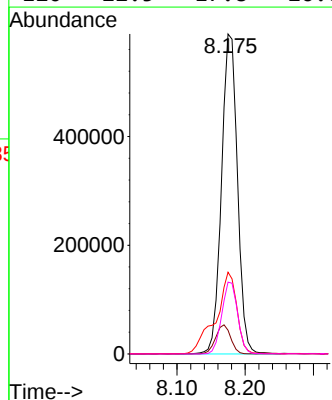
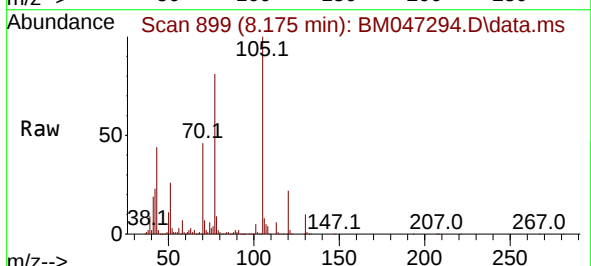
Ion Ratio Lower Upper

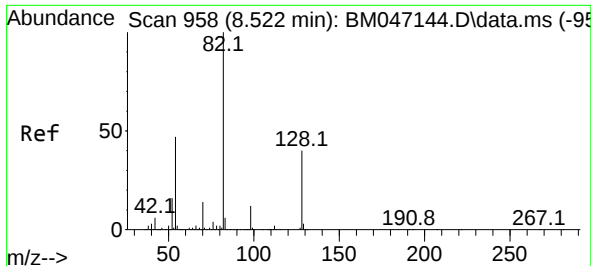
105 100

71 7.4 4.5 6.7#

51 25.6 20.1 30.1

120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 75.124 ng

RT: 8.504 min Scan# 91

Delta R.T. -0.018 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

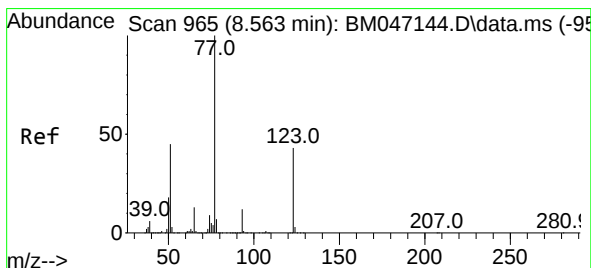
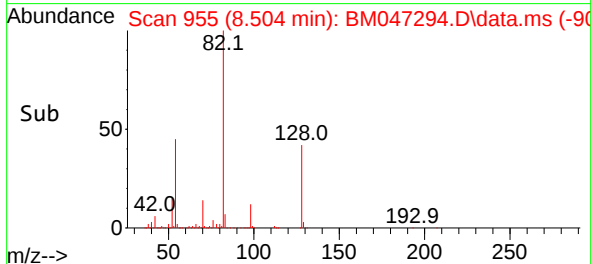
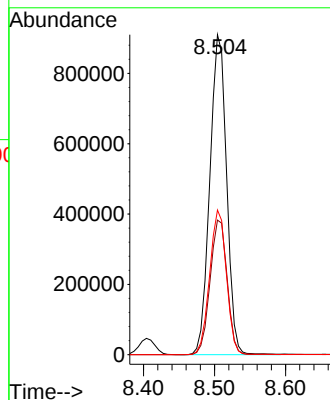
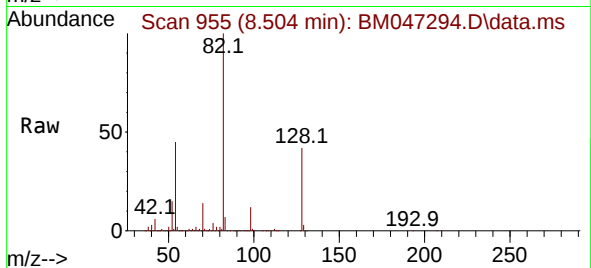
BNA_M

ClientSampleId :

PB162782BS

Tgt Ion: 82 Resp: 1494572

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.3	48.5
54	45.2	37.4	56.2



#24

Nitrobenzene

Concen: 38.985 ng

RT: 8.545 min Scan# 962

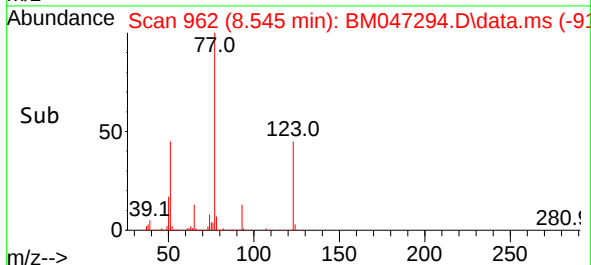
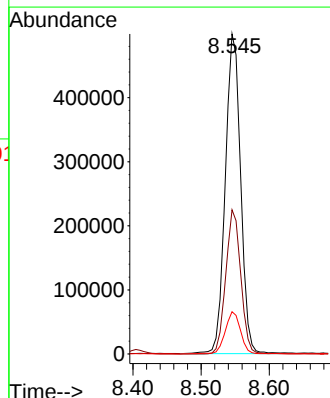
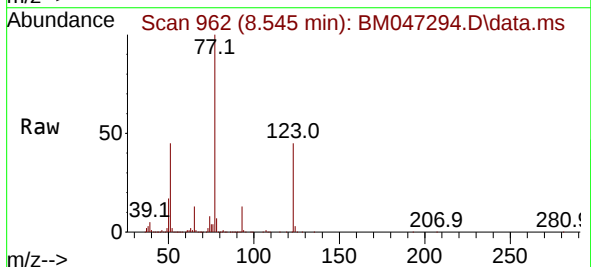
Delta R.T. -0.018 min

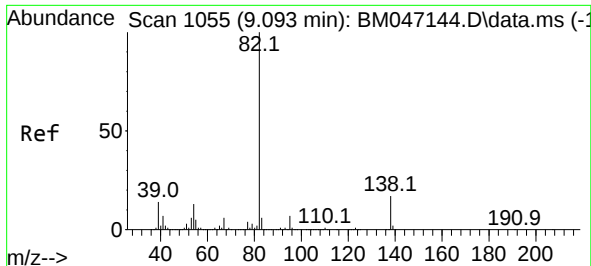
Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Tgt Ion: 77 Resp: 780990

Ion	Ratio	Lower	Upper
77	100		
123	45.0	34.0	51.0
65	13.2	10.5	15.7

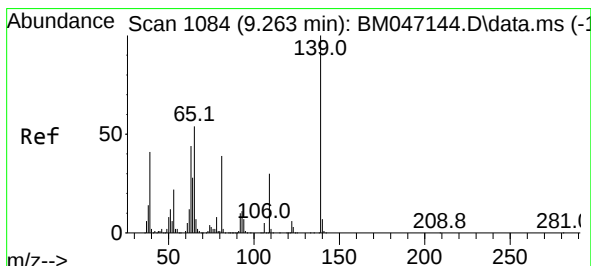
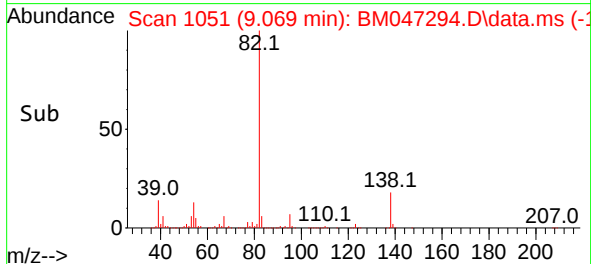
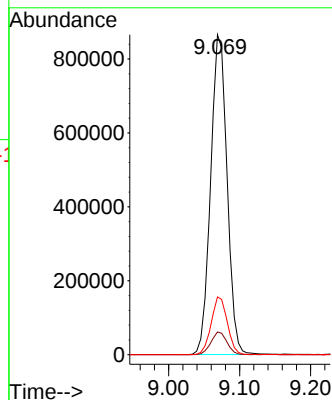
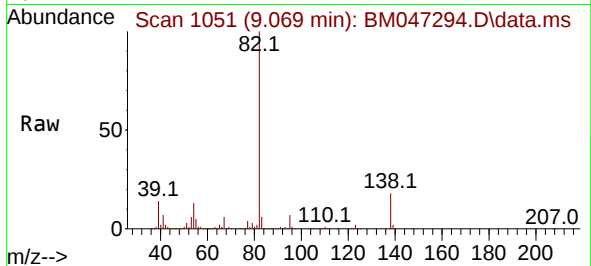




#25
Isophorone
Concen: 40.224 ng
RT: 9.069 min Scan# 1051
Delta R.T. -0.024 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

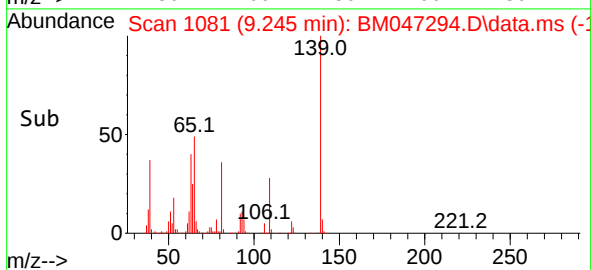
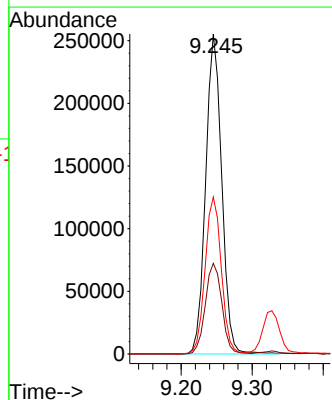
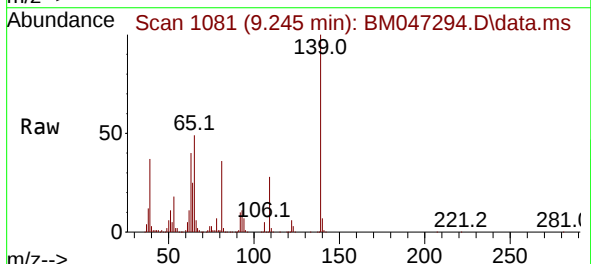
Instrument :
BNA_M
ClientSampleId :
PB162782BS

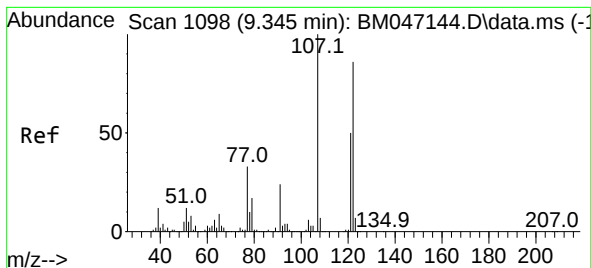
Tgt Ion: 82 Resp: 1393347
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.1 13.5 20.3



#26
2-Nitrophenol
Concen: 45.329 ng
RT: 9.245 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion: 139 Resp: 402152
Ion Ratio Lower Upper
139 100
109 28.3 24.4 36.6
65 49.1 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 52.485 ng

RT: 9.328 min Scan# 1095

Delta R.T. -0.018 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

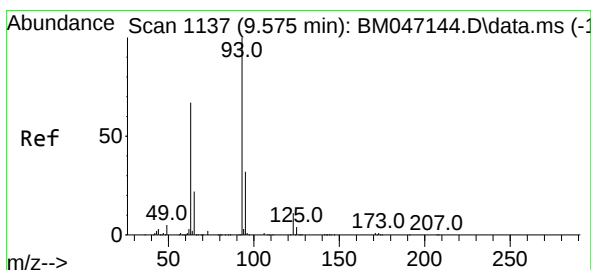
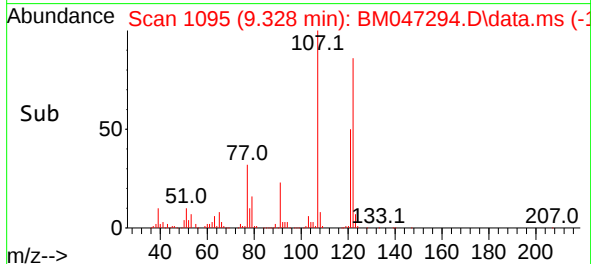
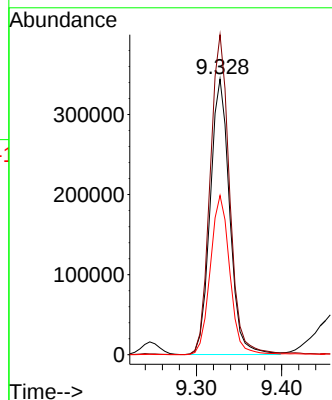
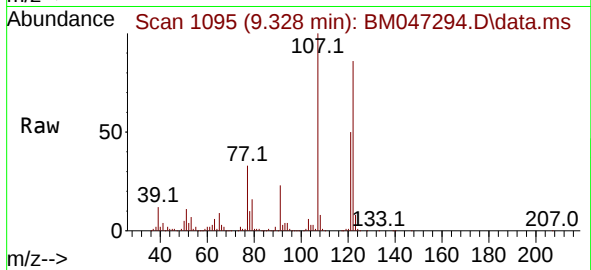
Tgt Ion:122 Resp: 545445

Ion Ratio Lower Upper

122 100

107 116.1 92.8 139.2

121 57.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.710 ng

RT: 9.557 min Scan# 1134

Delta R.T. -0.018 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

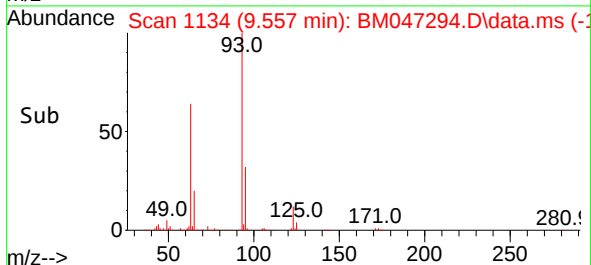
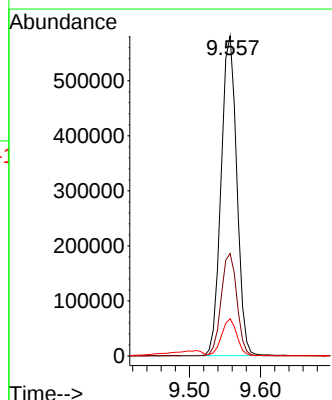
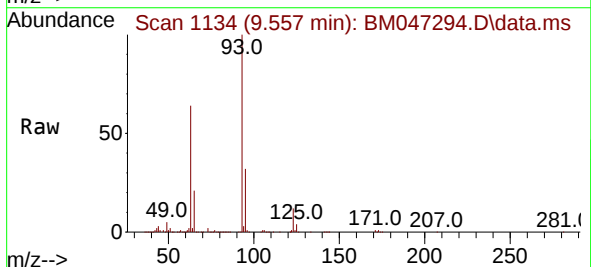
Tgt Ion: 93 Resp: 887329

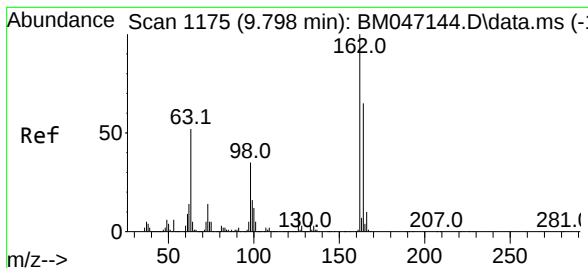
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

123 11.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.207 ng

RT: 9.781 min Scan# 1175

Delta R.T. -0.018 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

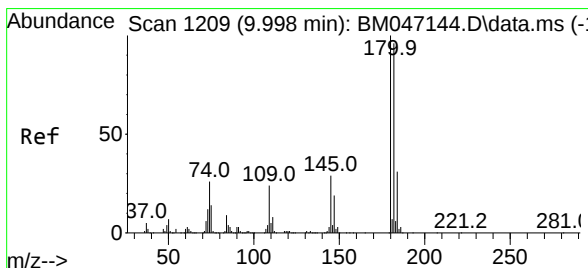
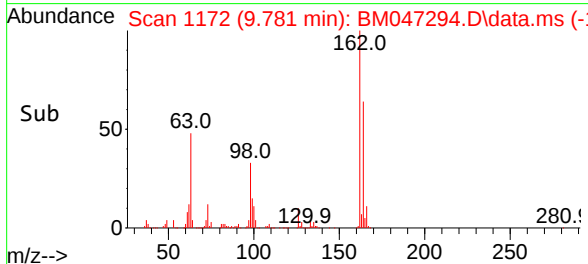
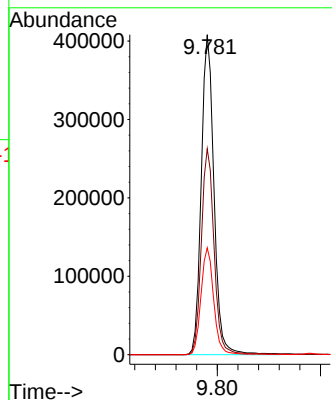
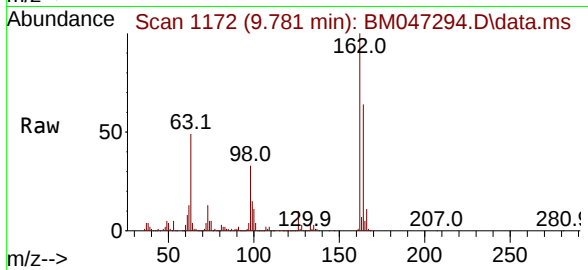
Tgt Ion:162 Resp: 697081

Ion Ratio Lower Upper

162 100

164 64.4 44.7 84.7

98 33.4 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 43.066 ng

RT: 9.981 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

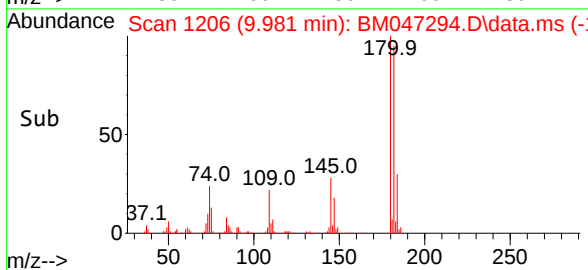
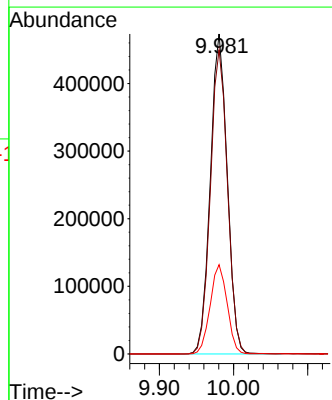
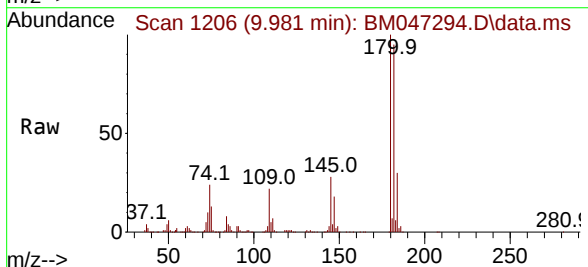
Tgt Ion:180 Resp: 751522

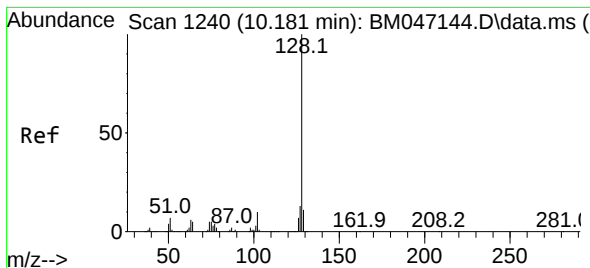
Ion Ratio Lower Upper

180 100

182 95.1 76.6 115.0

145 27.9 23.4 35.2

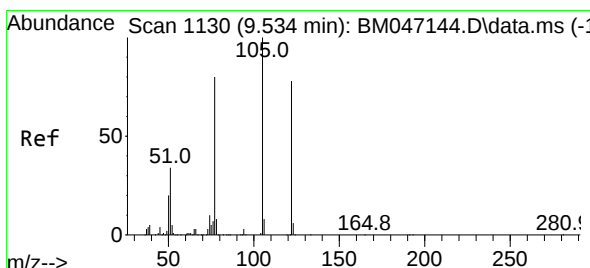
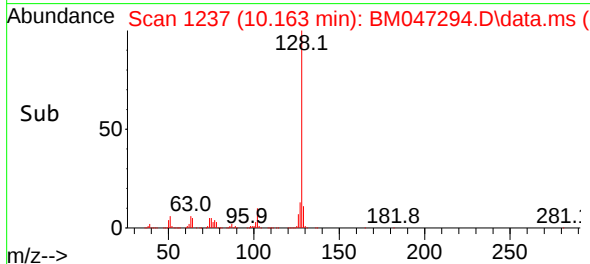
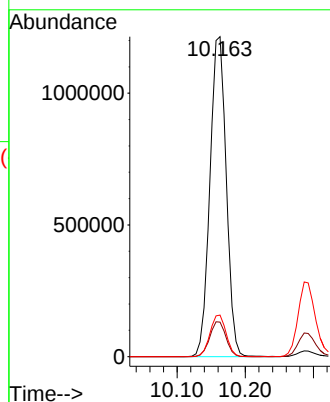
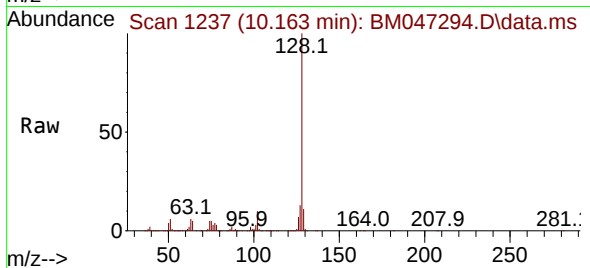




#31
Naphthalene
Concen: 40.559 ng
RT: 10.163 min Scan# 1126
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

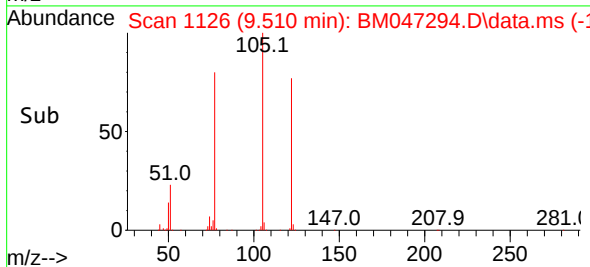
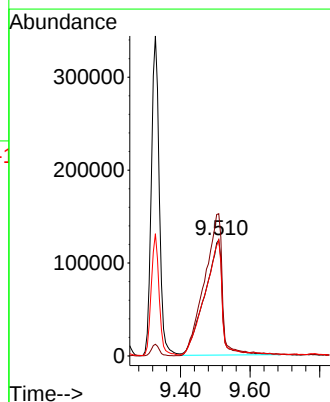
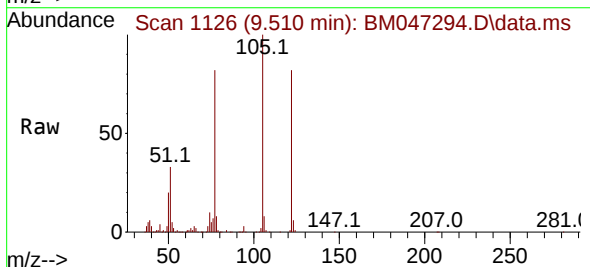
Instrument :
BNA_M
ClientSampleId :
PB162782BS

Tgt Ion:128 Resp: 2024084
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 36.386 ng
RT: 9.510 min Scan# 1126
Delta R.T. -0.024 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:122 Resp: 439326
Ion Ratio Lower Upper
122 100
105 122.6 107.1 147.1
77 100.1 82.1 122.1

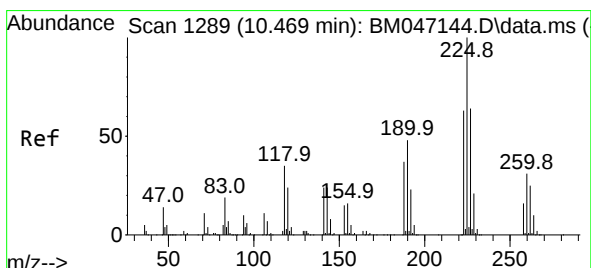
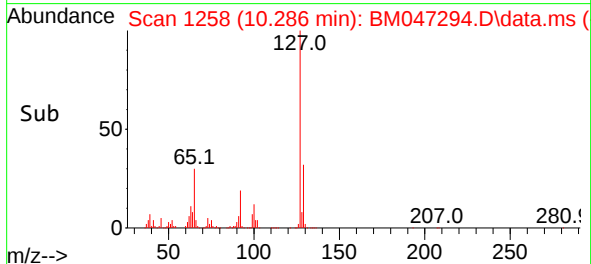
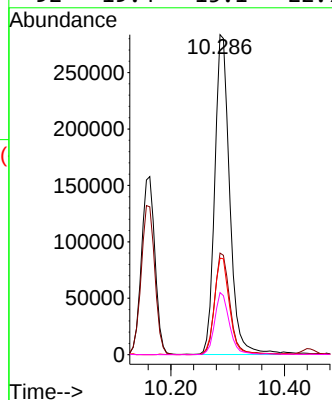
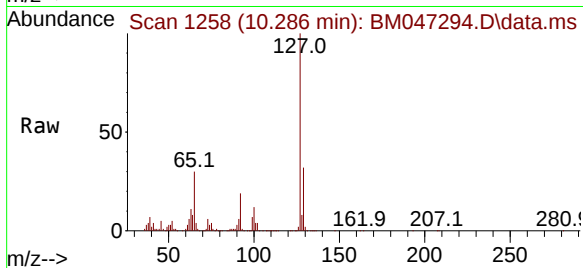




#33
4-Chloroaniline
Concen: 26.947 ng
RT: 10.286 min Scan# 1258
Delta R.T. -0.024 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

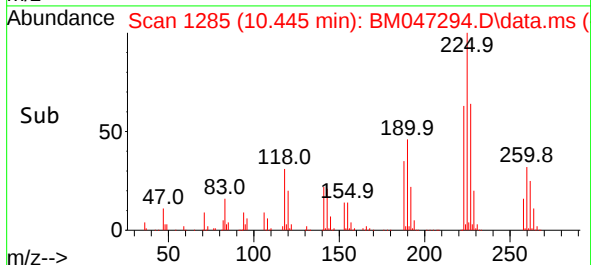
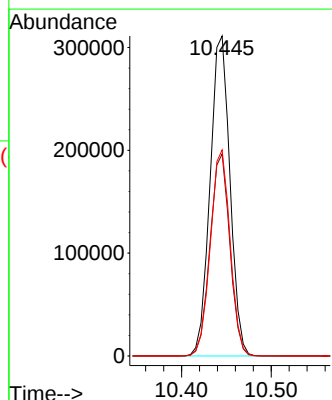
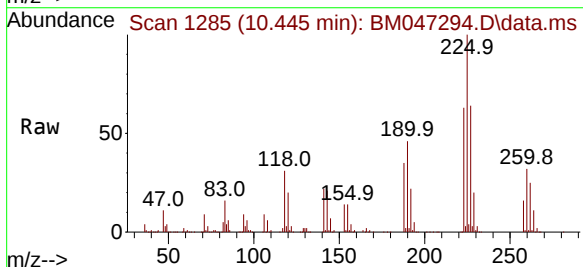
Instrument :
BNA_M
ClientSampleId :
PB162782BS

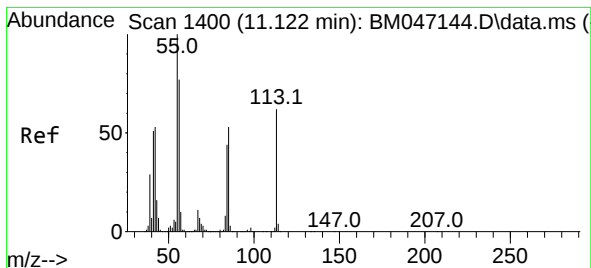
Tgt Ion:	127	Resp:	517132
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	30.2	24.9	37.3
92	19.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 46.800 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.024 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:	225	Resp:	478004
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	64.4	51.4	77.0





#35

Caprolactam

Concen: 35.255 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.024 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

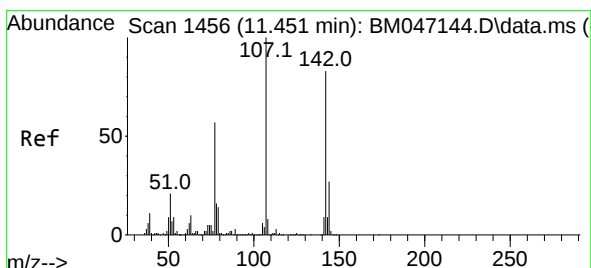
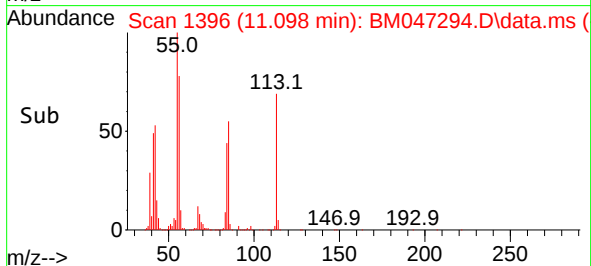
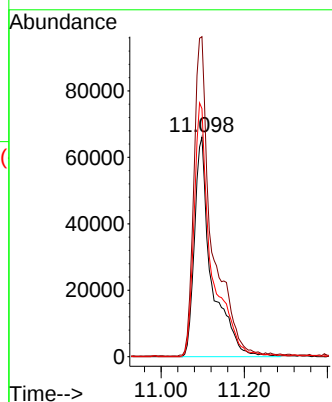
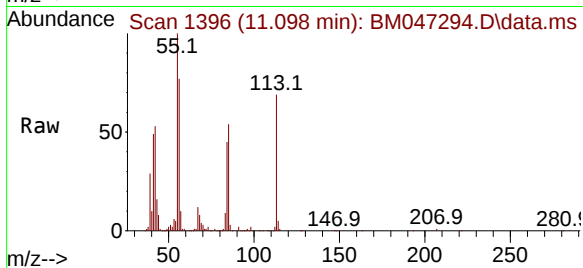
Tgt Ion:113 Resp: 188788

Ion Ratio Lower Upper

113 100

55 145.7 140.5 180.5

56 112.9 103.6 143.6



#36

4-Chloro-3-methylphenol

Concen: 39.566 ng

RT: 11.439 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

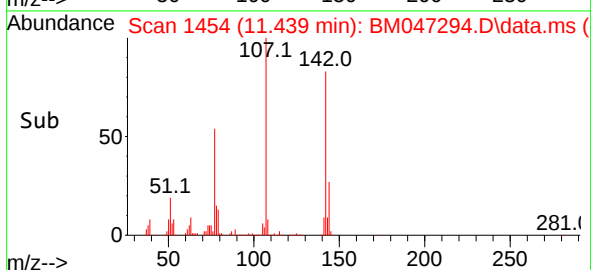
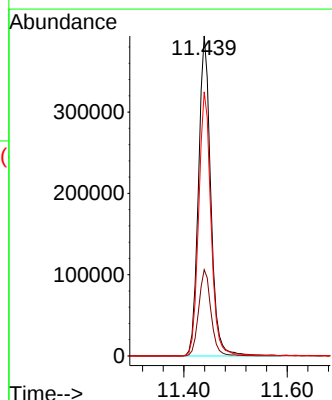
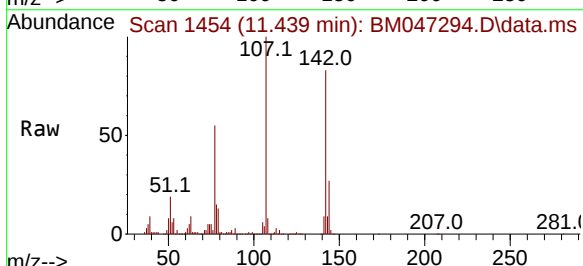
Tgt Ion:107 Resp: 649748

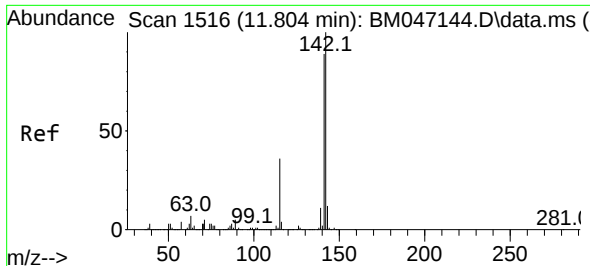
Ion Ratio Lower Upper

107 100

144 27.0 21.8 32.6

142 82.5 66.8 100.2

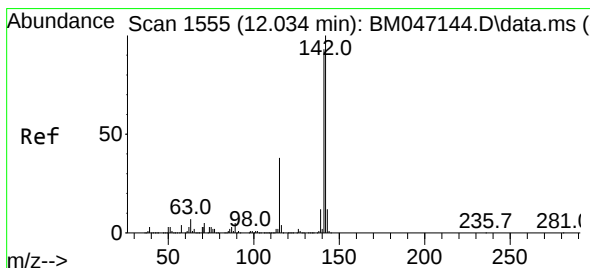
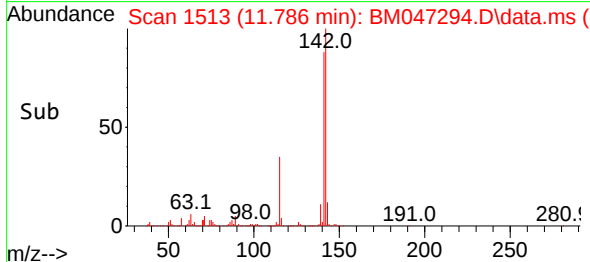
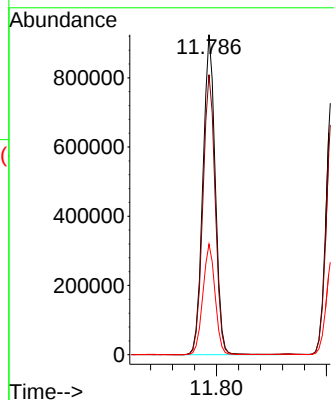
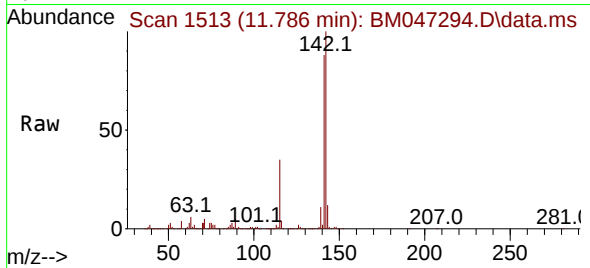




#37
2-Methylnaphthalene
Concen: 40.395 ng
RT: 11.786 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

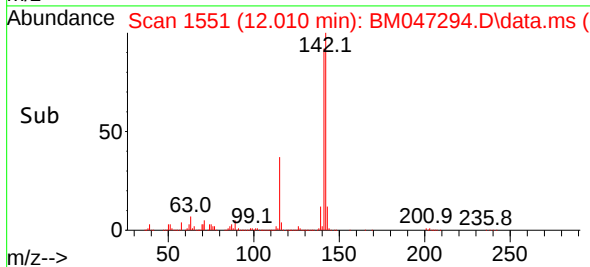
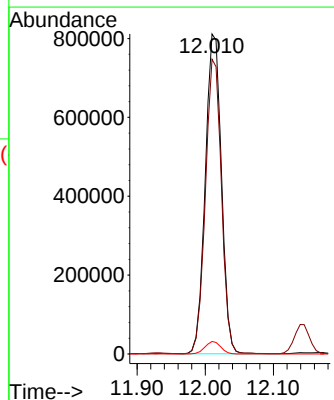
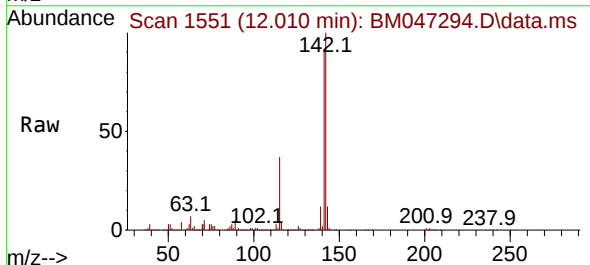
Instrument :
BNA_M
ClientSampleId :
PB162782BS

Tgt Ion:142 Resp: 1435326
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3
115 34.5 28.7 43.1



#38
1-Methylnaphthalene
Concen: 37.990 ng
RT: 12.010 min Scan# 1551
Delta R.T. -0.024 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:142 Resp: 1334074
Ion Ratio Lower Upper
142 100
141 92.1 74.6 111.8
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.016 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

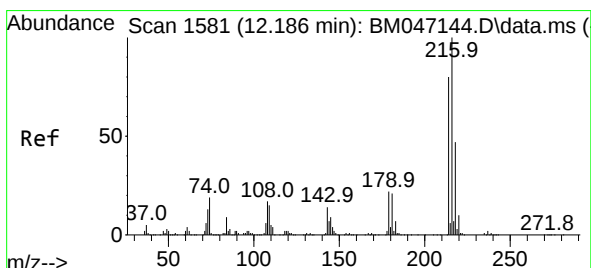
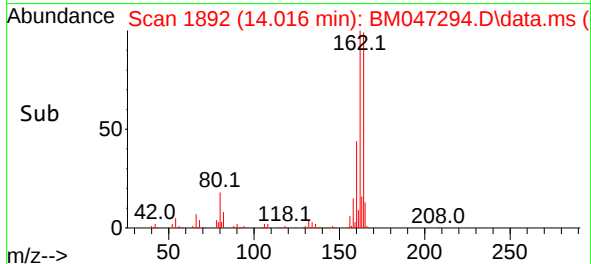
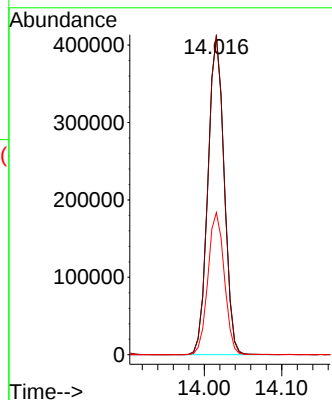
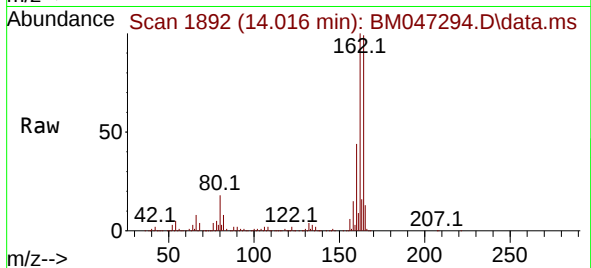
Tgt Ion:164 Resp: 596135

Ion Ratio Lower Upper

164 100

162 100.5 80.7 121.1

160 44.6 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.174 ng

RT: 12.169 min Scan# 1578

Delta R.T. -0.018 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Tgt Ion:216 Resp: 783298

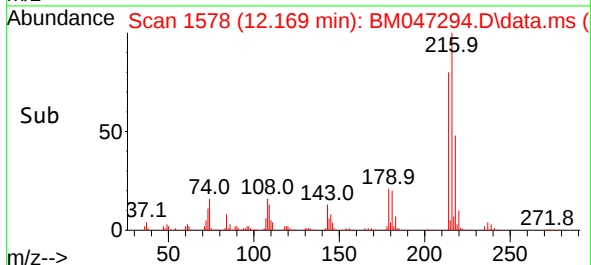
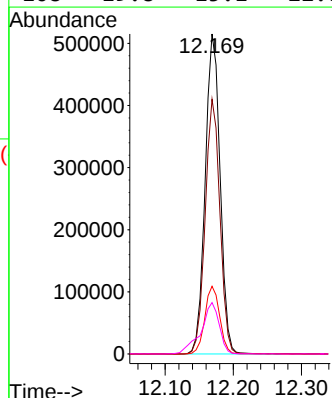
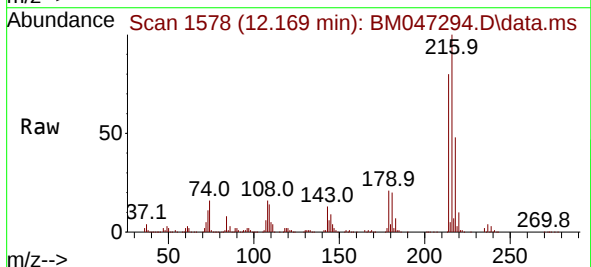
Ion Ratio Lower Upper

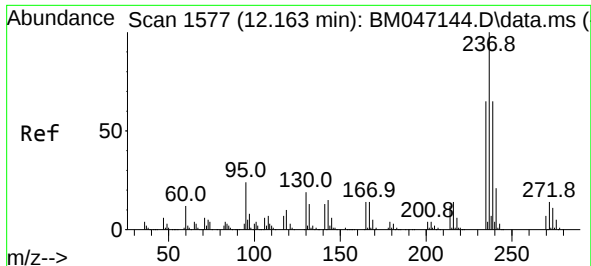
216 100

214 78.7 63.4 95.2

179 21.0 17.6 26.4

108 19.8 15.1 22.7

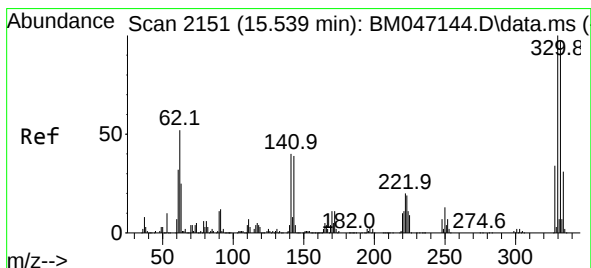
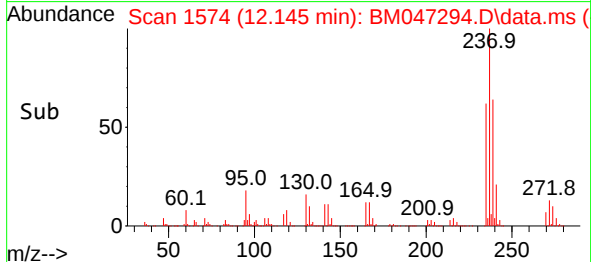
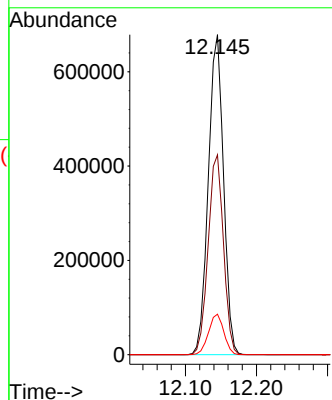
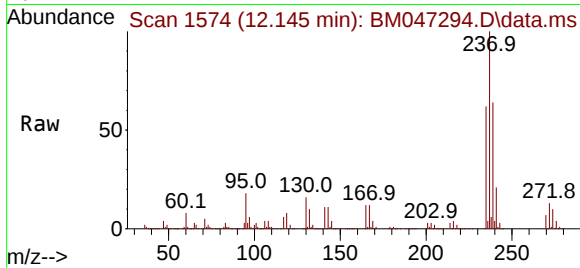




#41
Hexachlorocyclopentadiene
Concen: 177.647 ng
RT: 12.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

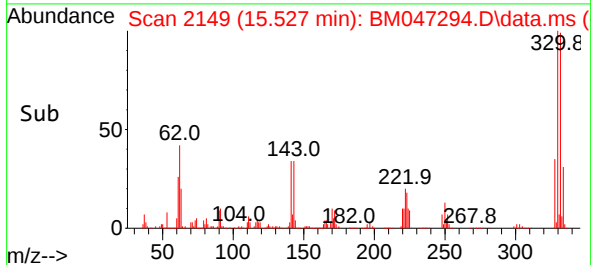
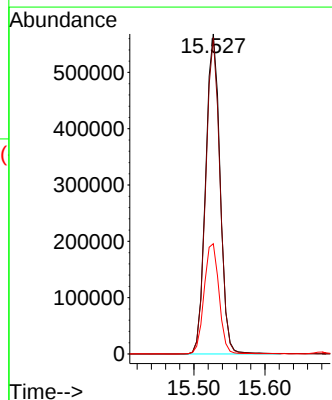
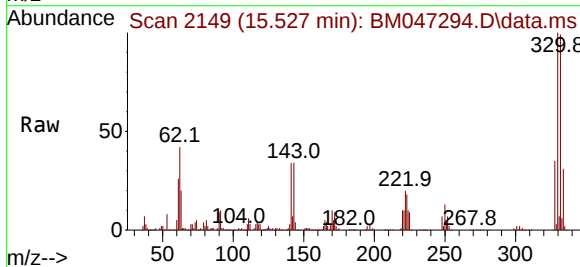
Instrument :
BNA_M
ClientSampleId :
PB162782BS

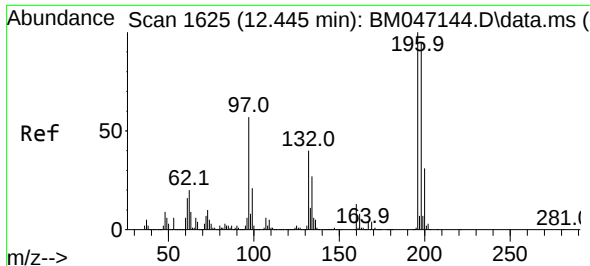
Tgt Ion:237 Resp: 1008633
Ion Ratio Lower Upper
237 100
235 62.5 44.8 84.8
272 12.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 116.109 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:330 Resp: 802580
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.2
141 35.7 31.6 47.4

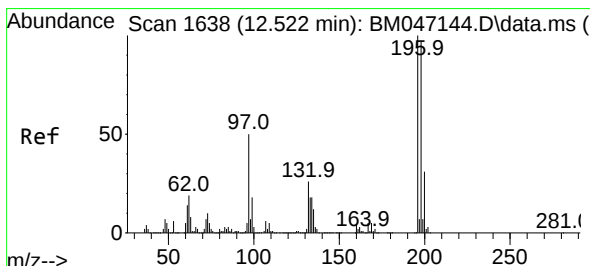
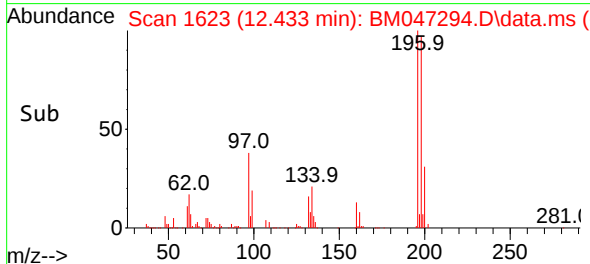
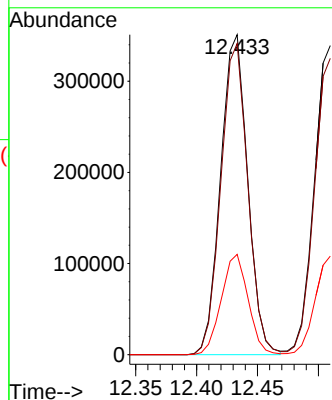
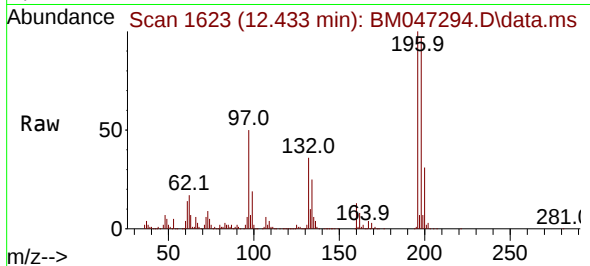




#43
2,4,6-Trichlorophenol
Concen: 47.016 ng
RT: 12.433 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

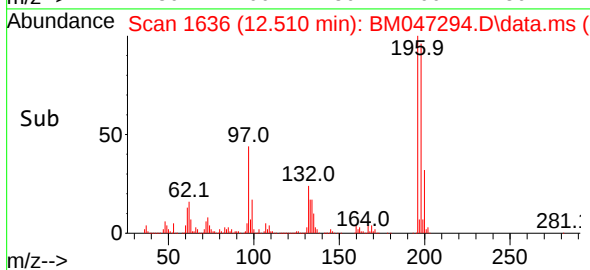
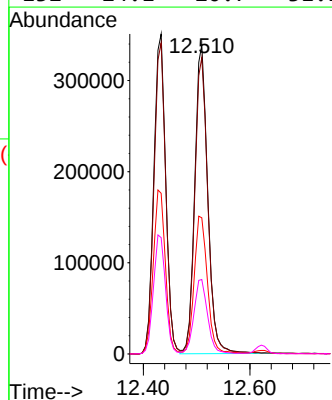
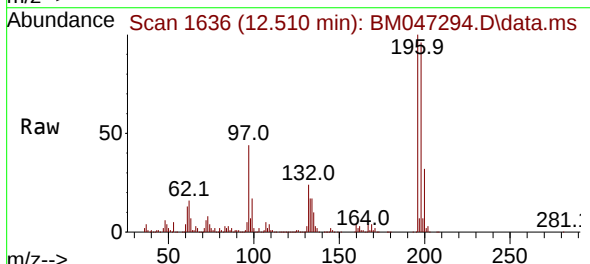
Instrument :
BNA_M
ClientSampleId :
PB162782BS

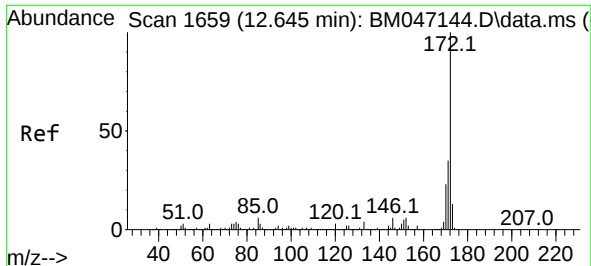
Tgt Ion:196 Resp: 543369
Ion Ratio Lower Upper
196 100
198 97.2 75.6 113.4
200 31.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.769 ng
RT: 12.510 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:196 Resp: 574461
Ion Ratio Lower Upper
196 100
198 95.8 77.7 116.5
97 44.0 39.8 59.8
132 24.1 20.7 31.1

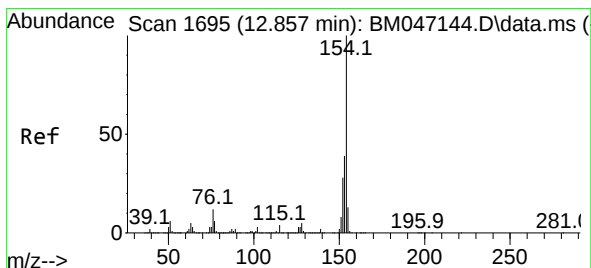
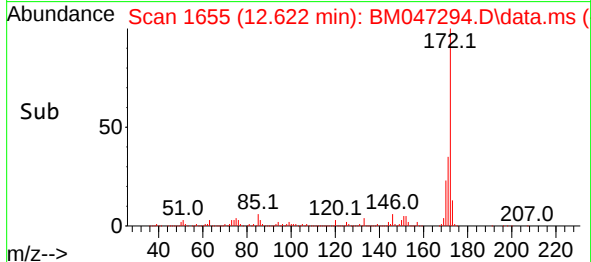
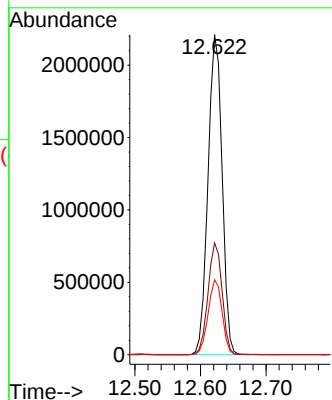
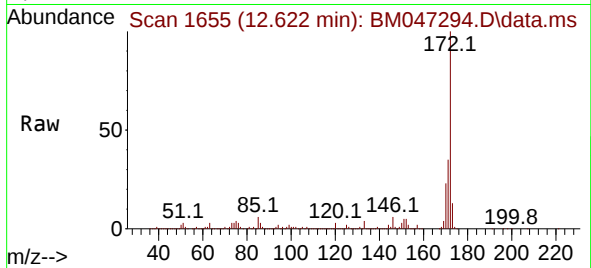




#45
2-Fluorobiphenyl
Concen: 85.689 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

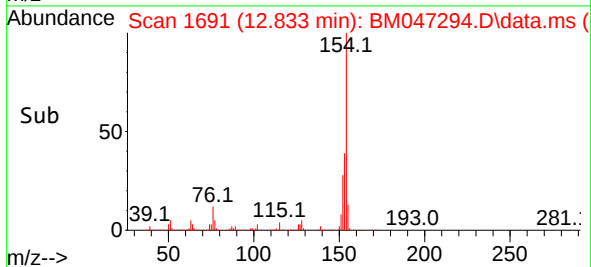
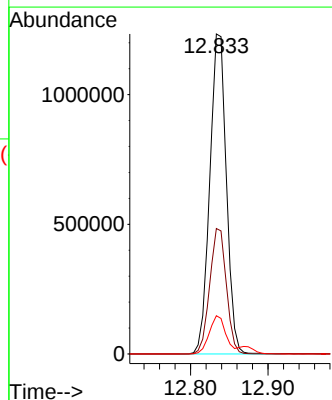
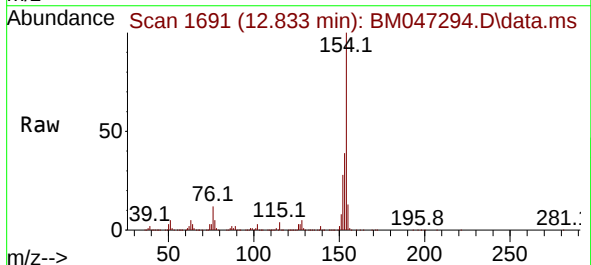
Instrument :
BNA_M
ClientSampleId :
PB162782BS

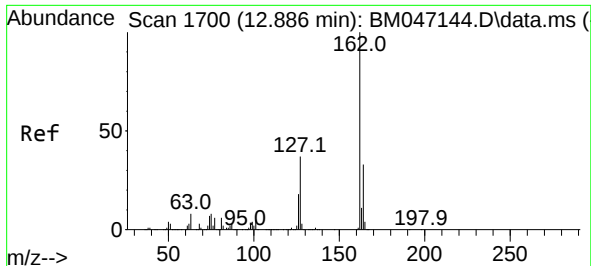
Tgt Ion:172 Resp: 3311592
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 43.168 ng
RT: 12.833 min Scan# 1691
Delta R.T. -0.024 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:154 Resp: 1832025
Ion Ratio Lower Upper
154 100
153 39.2 19.0 59.0
76 12.0 0.0 31.9

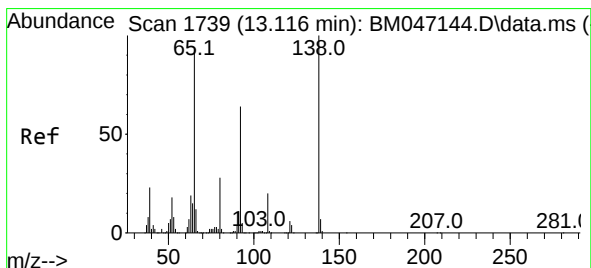
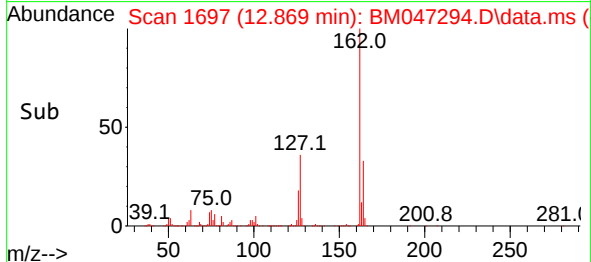
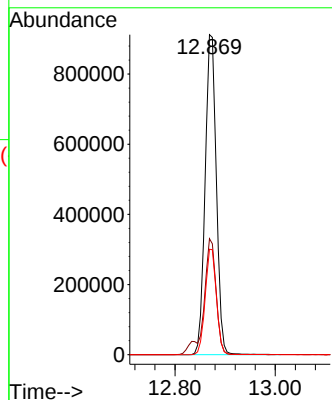
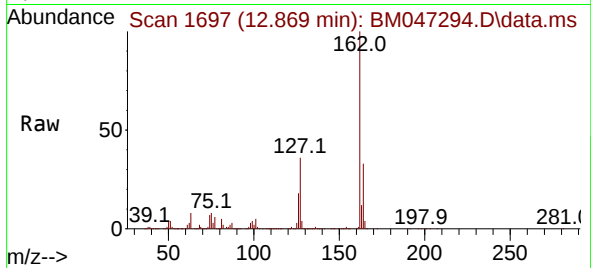




#47
2-Chloronaphthalene
Concen: 42.760 ng
RT: 12.869 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

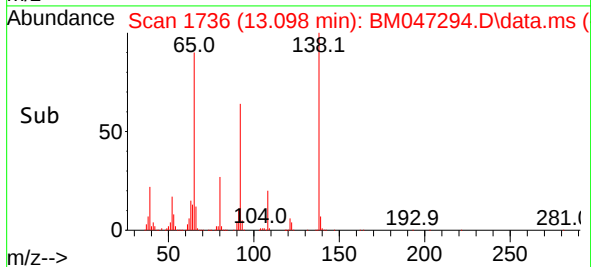
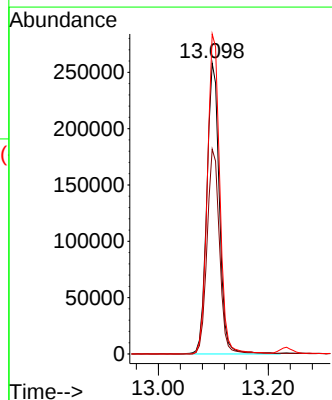
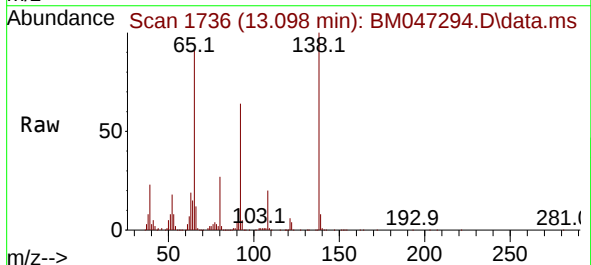
Instrument :
BNA_M
ClientSampleId :
PB162782BS

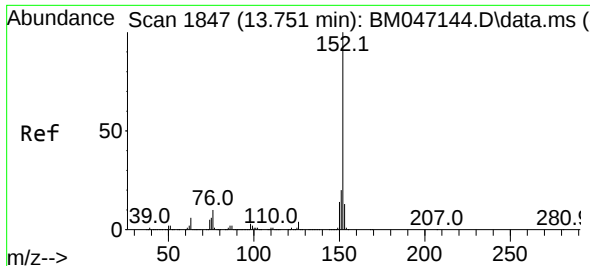
Tgt Ion:162 Resp: 1418402
Ion Ratio Lower Upper
162 100
127 36.3 30.0 45.0
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 39.382 ng
RT: 13.098 min Scan# 1736
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion: 65 Resp: 409258
Ion Ratio Lower Upper
65 100
92 70.5 55.1 82.7
138 110.1 85.9 128.9

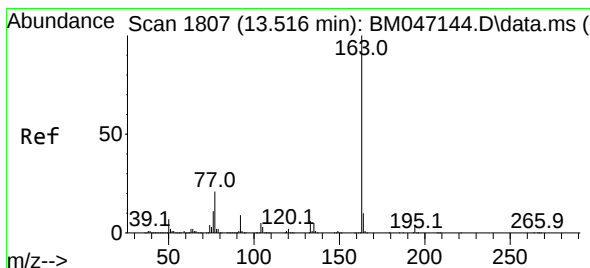
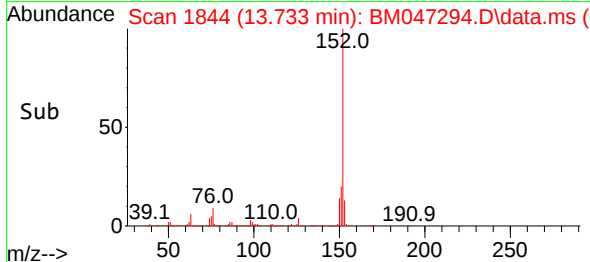
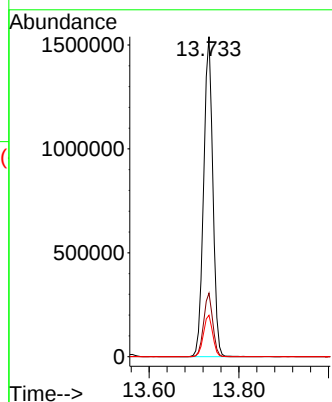
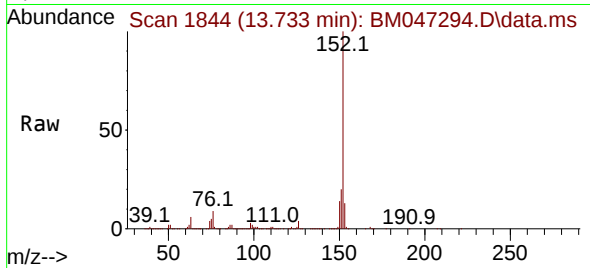




#49
Acenaphthylene
Concen: 44.754 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

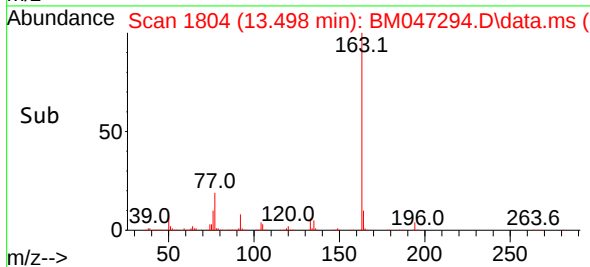
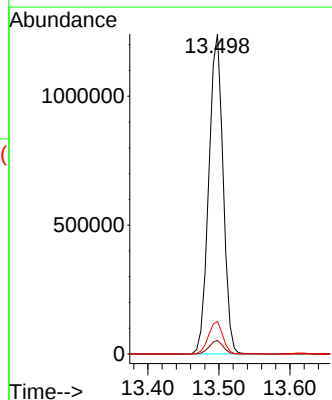
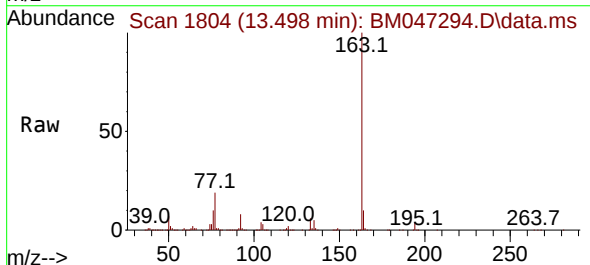
Instrument :
BNA_M
ClientSampleId :
PB162782BS

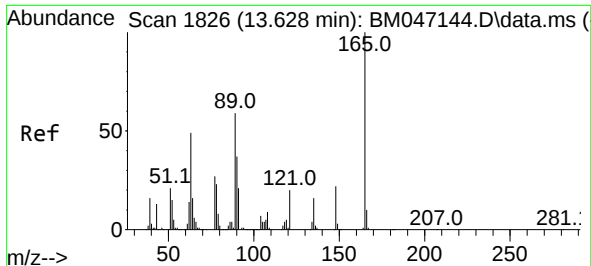
Tgt Ion:152 Resp: 2188270
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 41.726 ng
RT: 13.498 min Scan# 1804
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:163 Resp: 1737260
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.2 8.0 12.0

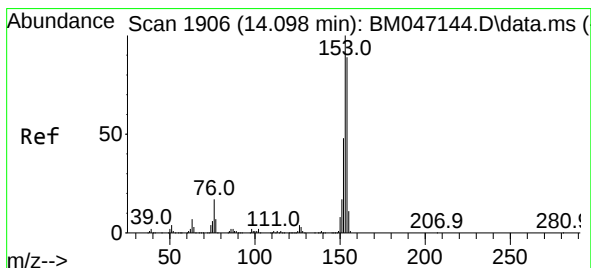
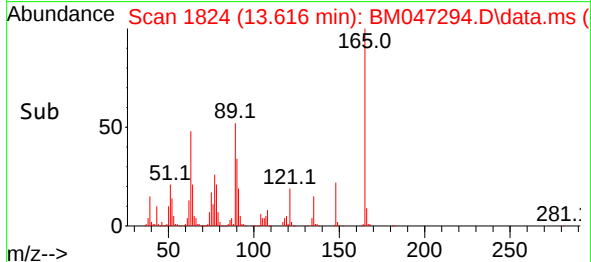
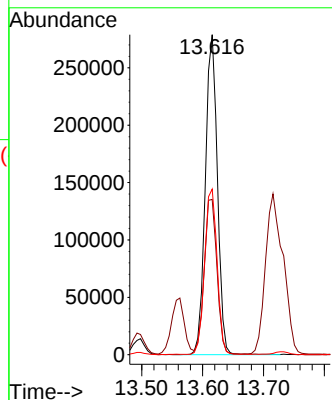
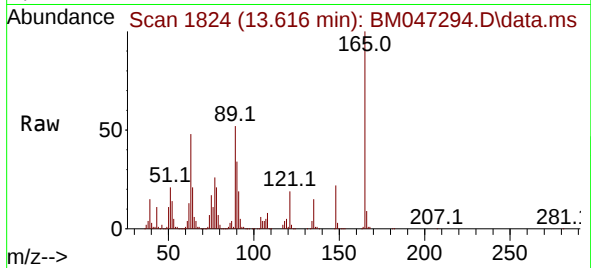




#51
2,6-Dinitrotoluene
Concen: 39.565 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

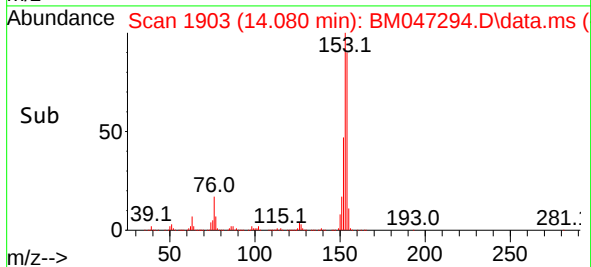
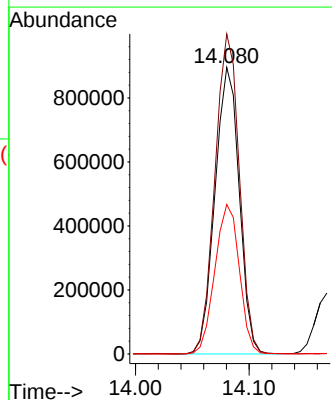
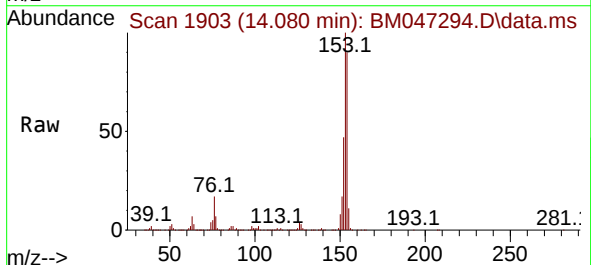
Instrument :
BNA_M
ClientSampleId :
PB162782BS

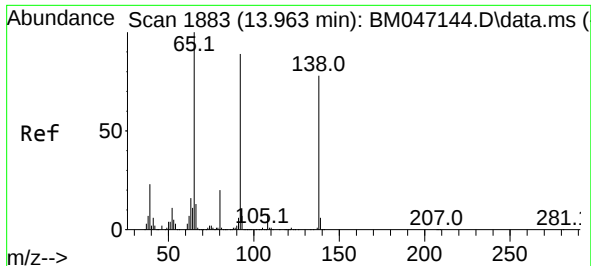
Tgt Ion:165 Resp: 385068
Ion Ratio Lower Upper
165 100
63 48.5 46.5 69.7
89 51.7 47.3 70.9



#52
Acenaphthene
Concen: 42.816 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:154 Resp: 1327953
Ion Ratio Lower Upper
154 100
153 111.7 90.3 135.5
152 52.2 42.9 64.3

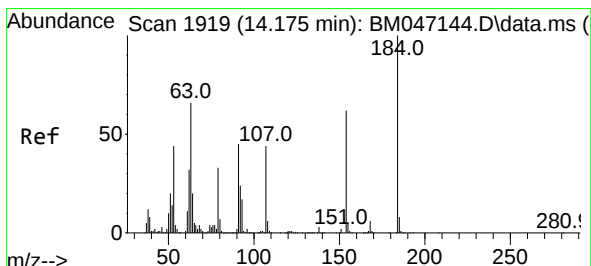
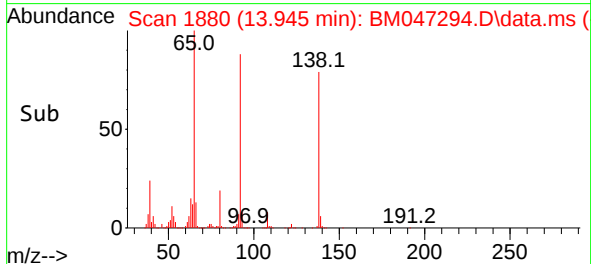
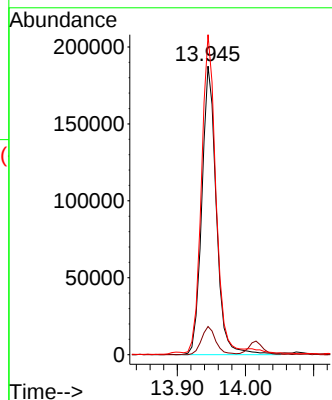
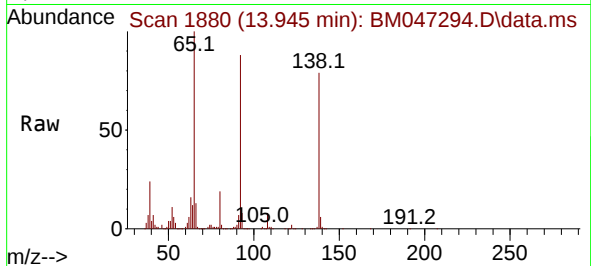




#53
3-Nitroaniline
Concen: 28.457 ng
RT: 13.945 min Scan# 1880
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

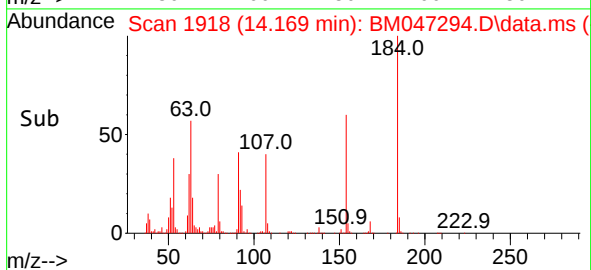
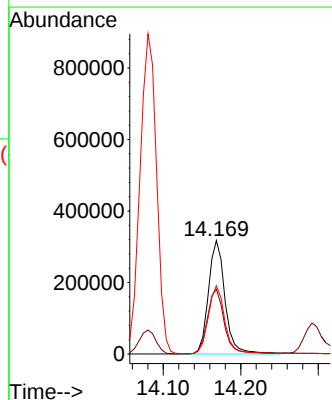
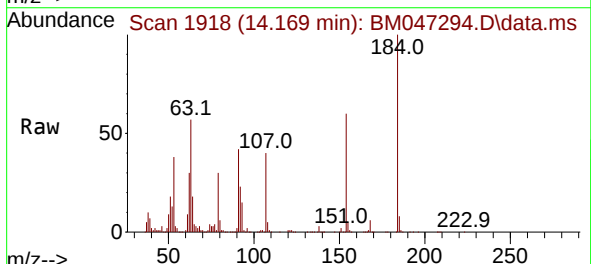
Instrument :
BNA_M
ClientSampleId :
PB162782BS

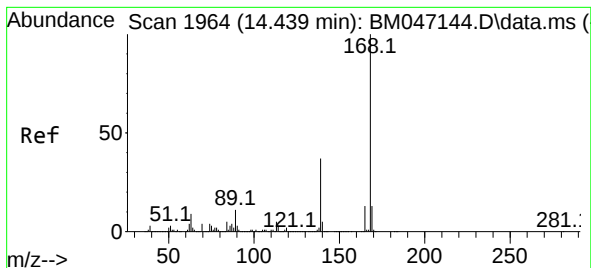
Tgt Ion:138 Resp: 277533
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 110.9 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 80.979 ng
RT: 14.169 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:184 Resp: 472368
Ion Ratio Lower Upper
184 100
63 57.1 52.7 79.1
154 60.1 50.4 75.6

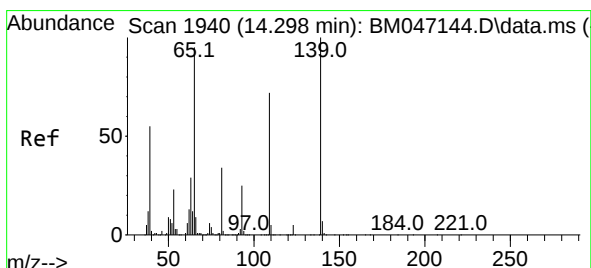
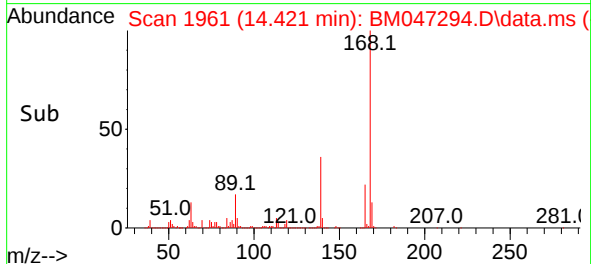
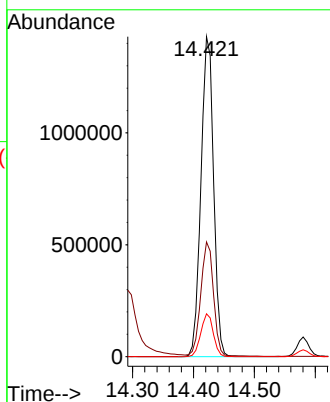
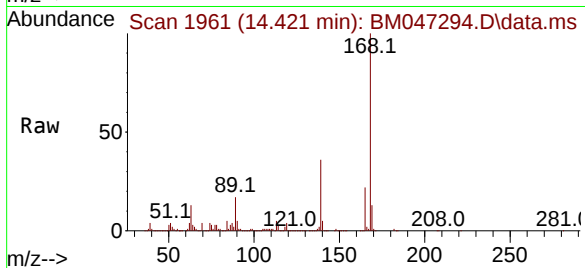




#55
Dibenzenofuran
Concen: 42.030 ng
RT: 14.421 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

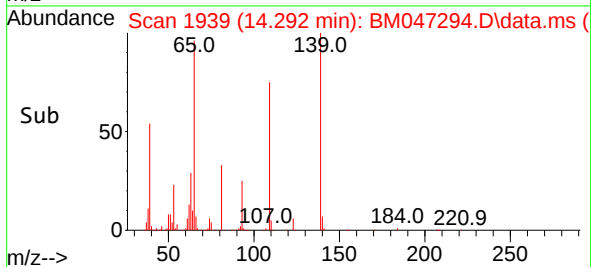
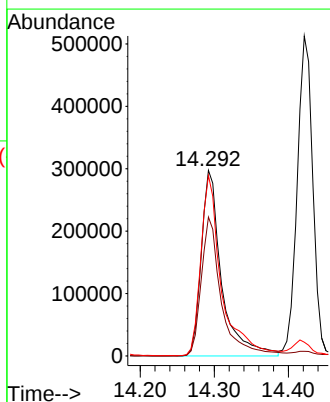
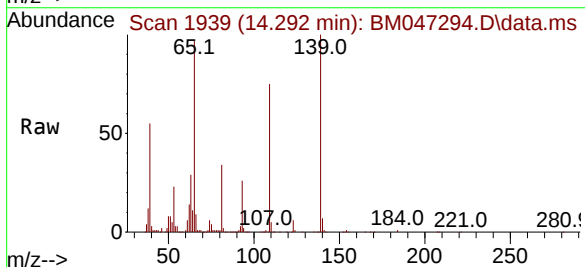
Instrument :
BNA_M
ClientSampleId :
PB162782BS

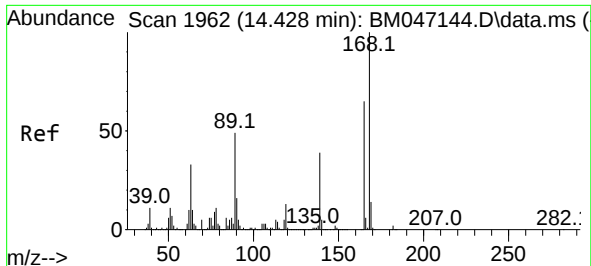
Tgt Ion:168 Resp: 2059062
Ion Ratio Lower Upper
168 100
139 35.9 29.6 44.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 67.468 ng
RT: 14.292 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:139 Resp: 567384
Ion Ratio Lower Upper
139 100
109 74.9 52.5 92.5
65 97.2 75.4 115.4

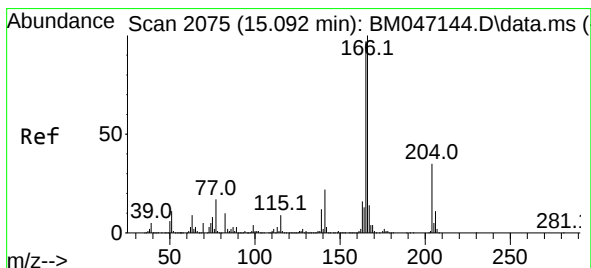
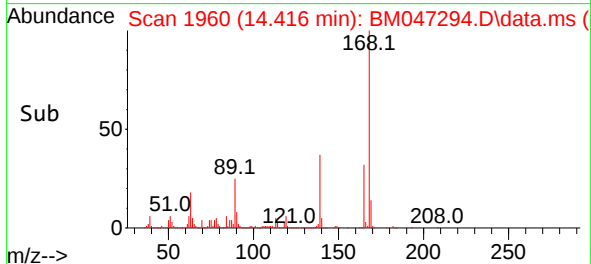
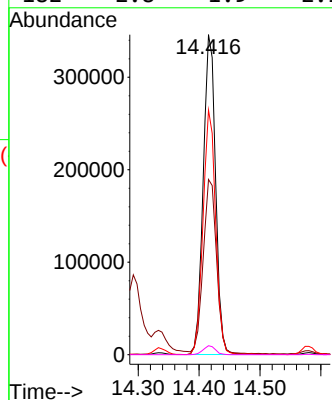
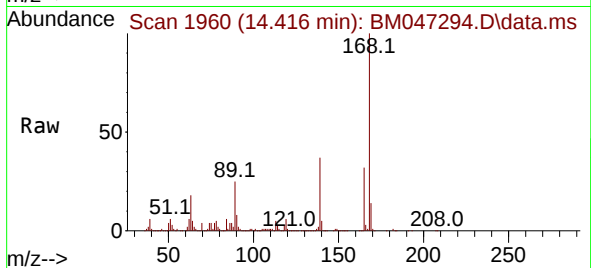




#57
2,4-Dinitrotoluene
Concen: 37.539 ng
RT: 14.416 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

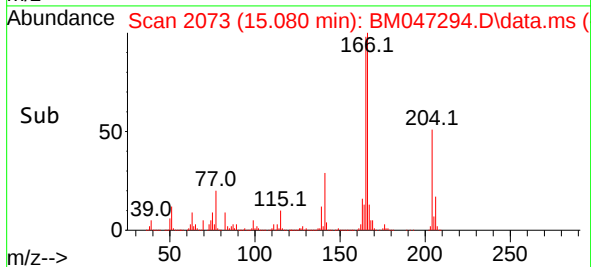
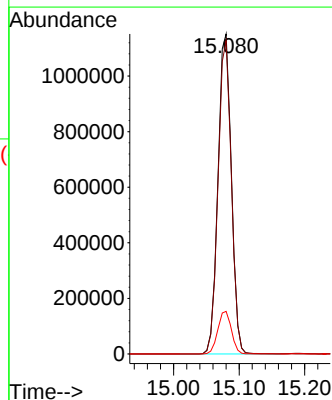
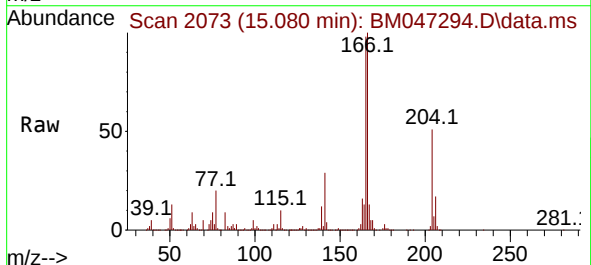
Instrument :
BNA_M
ClientSampleId :
PB162782BS

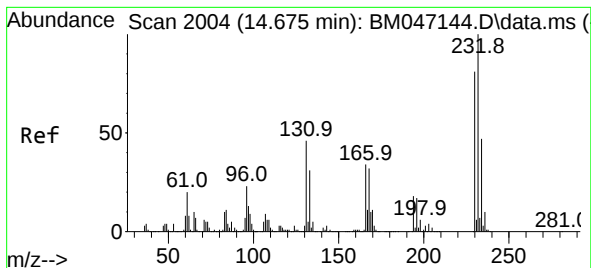
Tgt Ion:165 Resp: 487653
Ion Ratio Lower Upper
165 100
63 54.8 40.3 60.5
89 76.4 61.0 91.6
182 2.8 1.9 2.9



#58
Fluorene
Concen: 40.197 ng
RT: 15.080 min Scan# 2073
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:166 Resp: 1624871
Ion Ratio Lower Upper
166 100
165 97.9 77.4 116.0
167 13.3 11.0 16.6

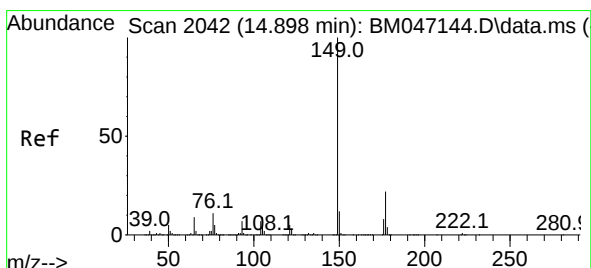
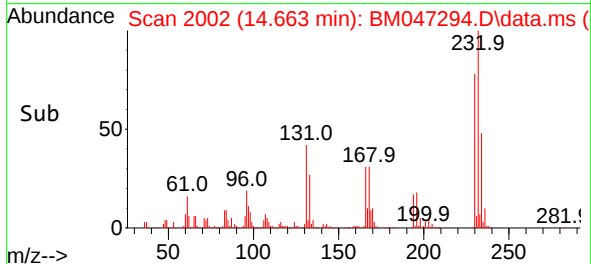
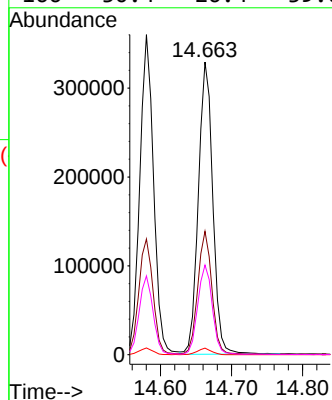
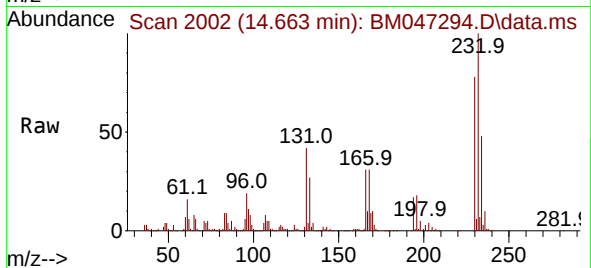




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.219 ng
RT: 14.663 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

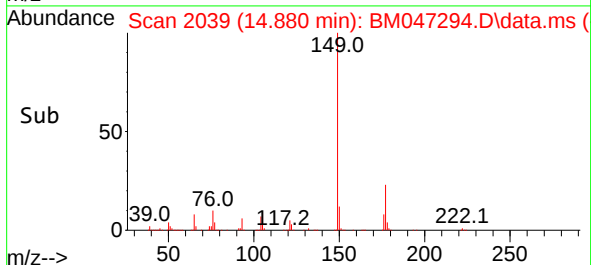
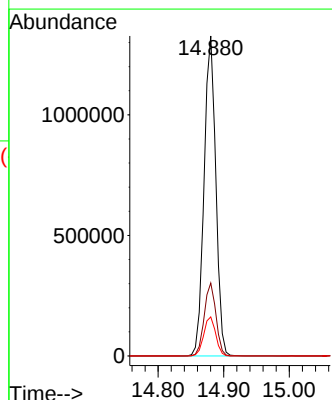
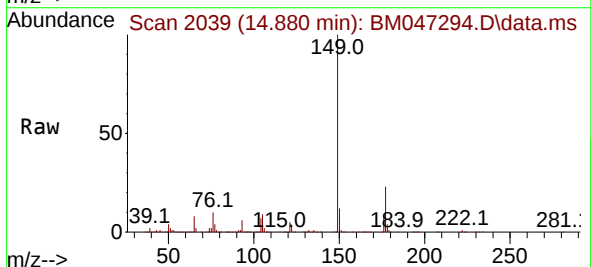
Instrument :
BNA_M
ClientSampleId :
PB162782BS

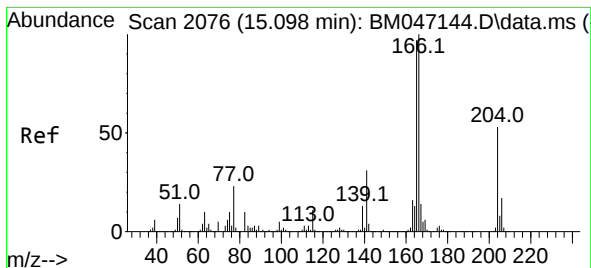
Tgt Ion:232 Resp: 466329
Ion Ratio Lower Upper
232 100
131 40.8 36.9 55.3
130 2.2 2.0 3.0
166 30.4 26.4 39.6



#60
Diethylphthalate
Concen: 38.921 ng
RT: 14.880 min Scan# 2039
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:149 Resp: 1654768
Ion Ratio Lower Upper
149 100
177 22.8 17.6 26.4
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 42.084 ng
RT: 15.086 min Scan# 2076
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

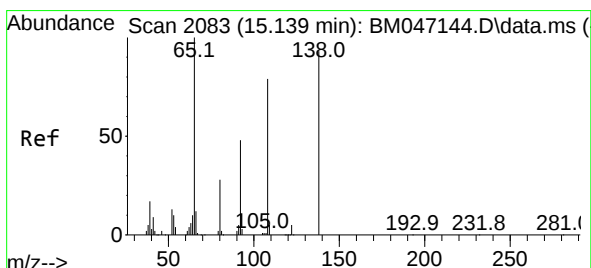
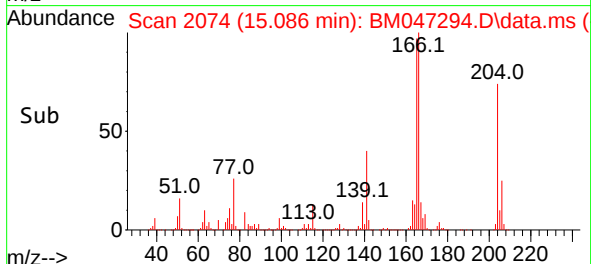
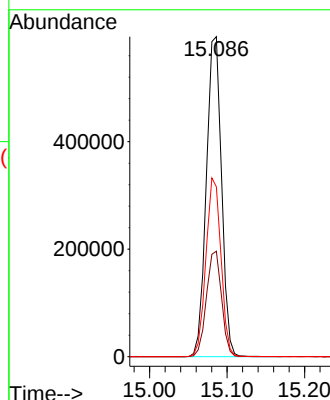
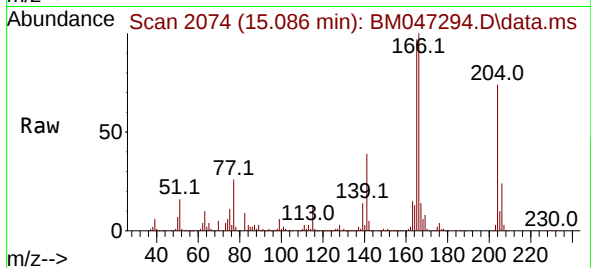
Instrument :

BNA_M

ClientSampleId :

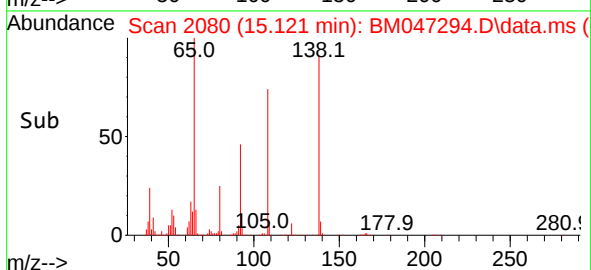
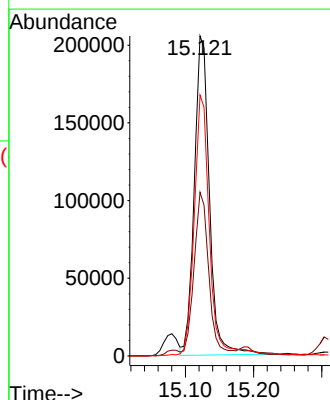
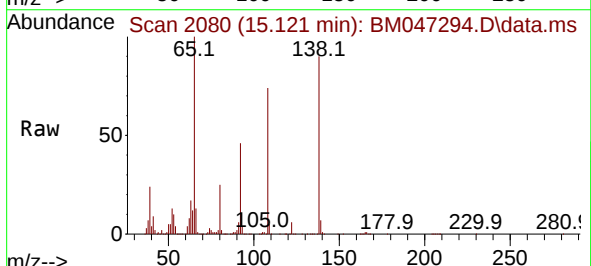
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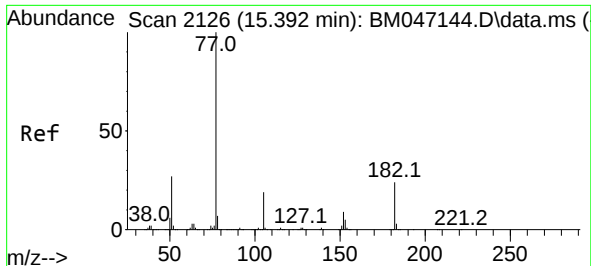
Tgt Ion:204 Resp: 809874
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 53.1 47.2 70.8



#62
4-Nitroaniline
Concen: 32.949 ng
RT: 15.121 min Scan# 2080
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:138 Resp: 316572
Ion Ratio Lower Upper
138 100
92 51.1 31.9 71.9
108 81.5 63.8 103.8



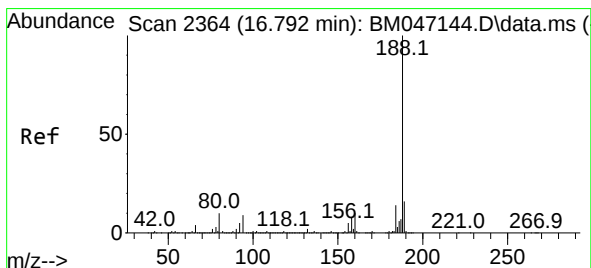
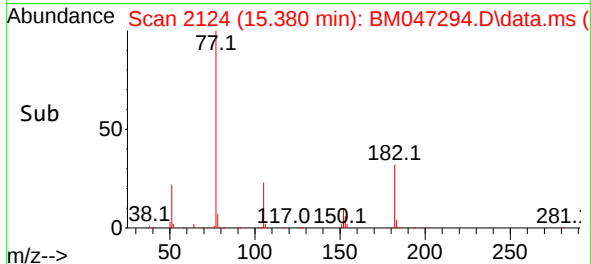
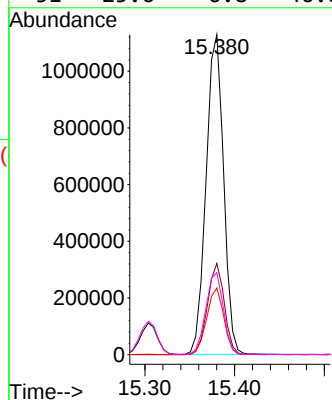
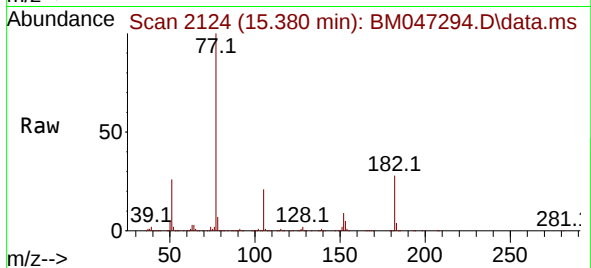


#63
Azobenzene
Concen: 37.889 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Instrument :
BNA_M
ClientSampleId :
PB162782BS

Tgt Ion: 77 Resp: 1527395

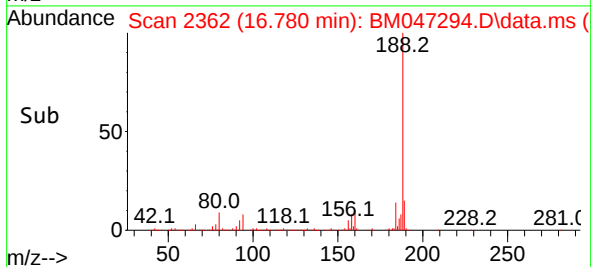
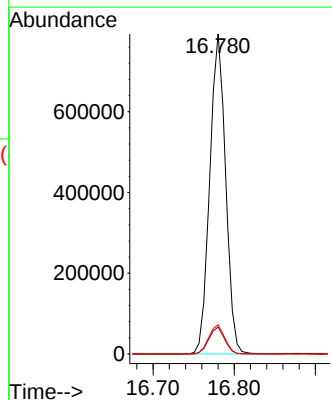
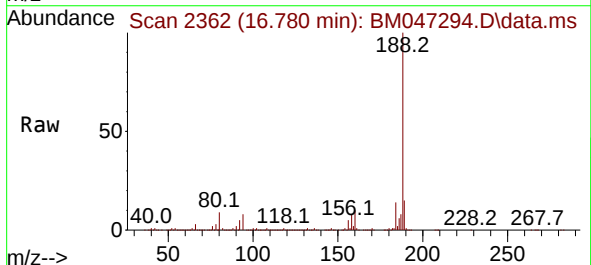
Ion	Ratio	Lower	Upper
77	100		
182	28.5	3.8	43.8
105	20.8	0.0	39.5
51	25.6	6.8	46.8

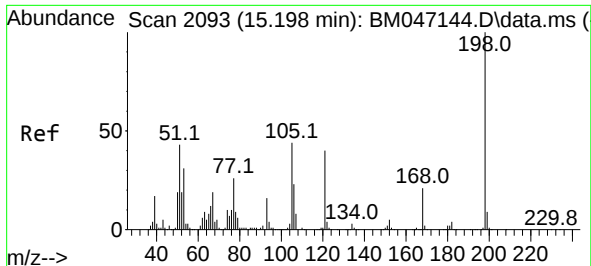


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2362
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:188 Resp: 1074058

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.1	8.0	12.0

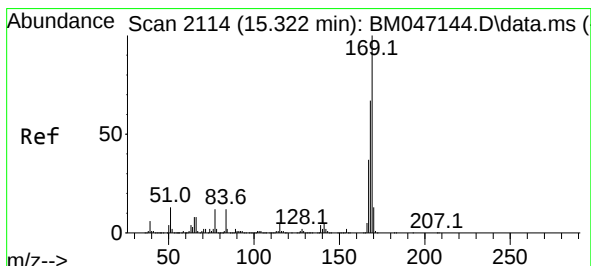
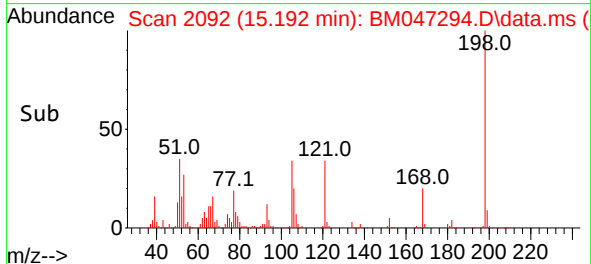
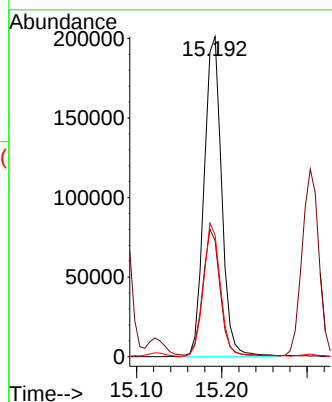
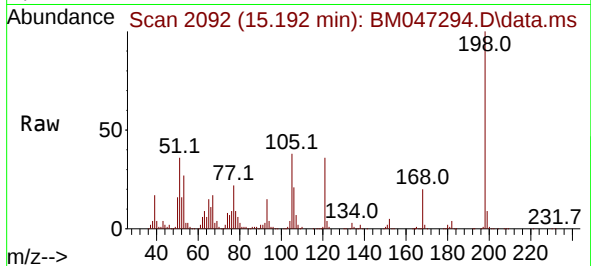




#65
4,6-Dinitro-2-methylphenol
Concen: 45.864 ng
RT: 15.192 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

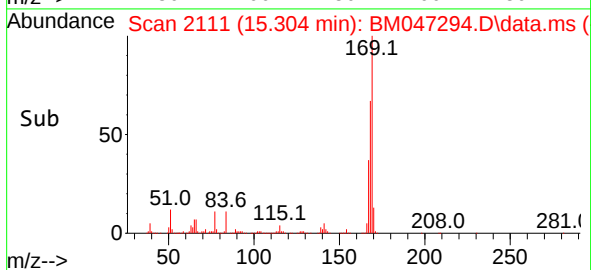
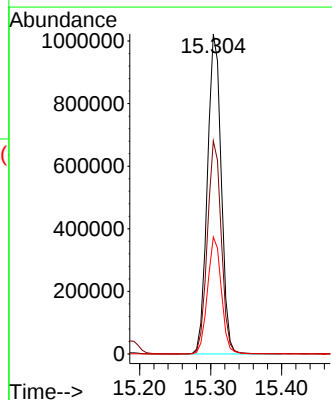
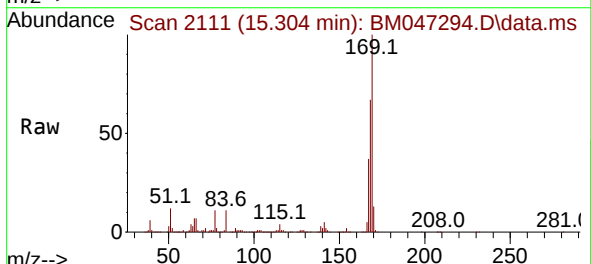
Instrument :
BNA_M
ClientSampleId :
PB162782BS

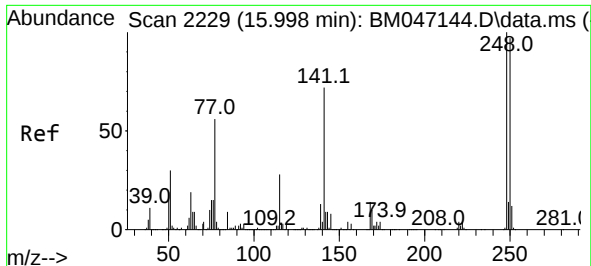
Tgt Ion:198 Resp: 288412
Ion Ratio Lower Upper
198 100
51 36.3 23.9 63.9
105 38.1 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 47.389 ng
RT: 15.304 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:169 Resp: 1386360
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.6 29.3 43.9

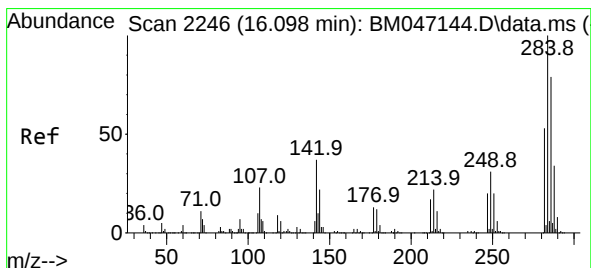
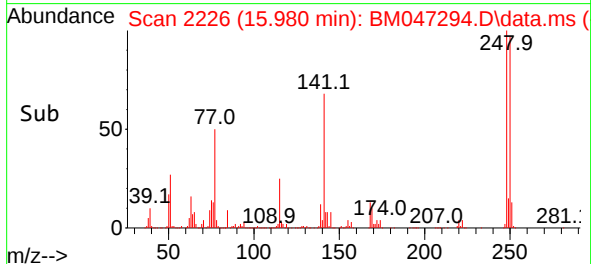
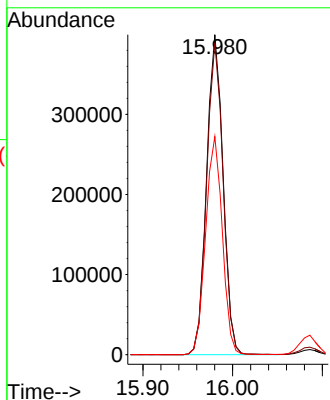
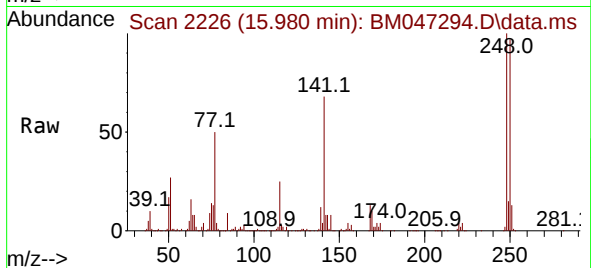




#67
4-Bromophenyl-phenylether
Concen: 49.439 ng
RT: 15.980 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

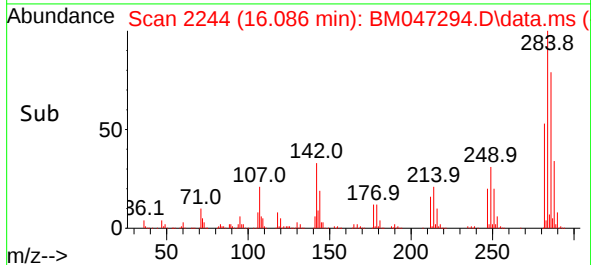
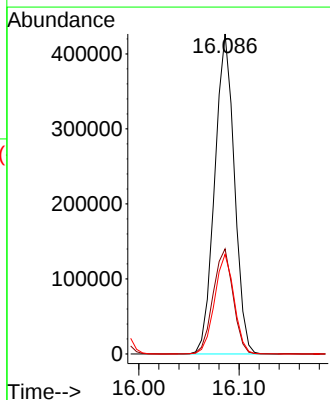
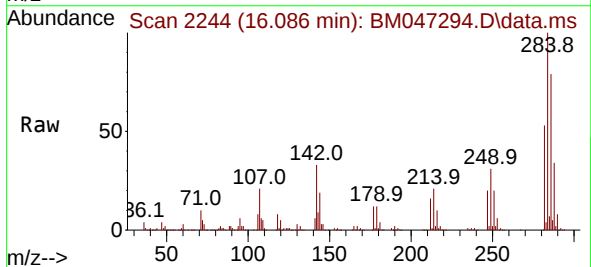
Instrument :
BNA_M
ClientSampleId :
PB162782BS

Tgt Ion:248 Resp: 511680
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 68.2 57.7 86.5



#68
Hexachlorobenzene
Concen: 46.664 ng
RT: 16.086 min Scan# 2244
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:284 Resp: 578429
Ion Ratio Lower Upper
284 100
142 32.9 29.4 44.0
249 31.1 25.1 37.7





#69

Atrazine

Concen: 55.041 ng

RT: 16.280 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

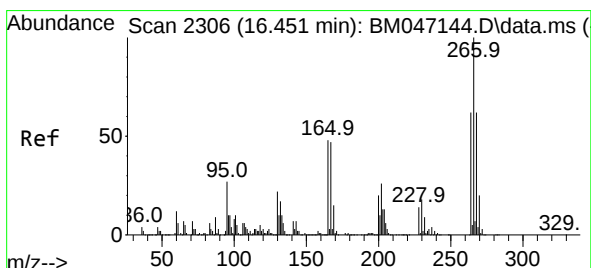
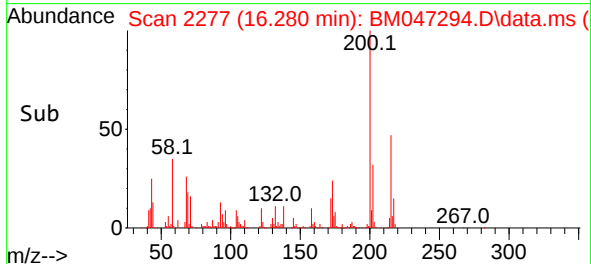
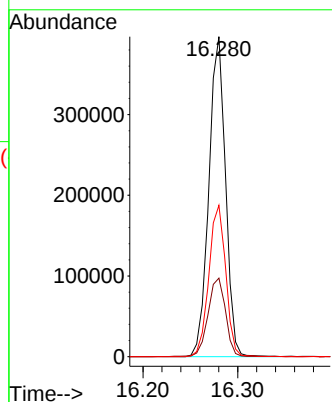
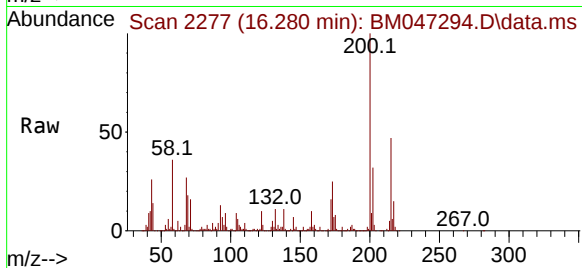
Tgt Ion:200 Resp: 484535

Ion Ratio Lower Upper

200 100

173 24.5 6.1 46.1

215 47.3 26.8 66.8



#70

Pentachlorophenol

Concen: 82.961 ng

RT: 16.439 min Scan# 2304

Delta R.T. -0.012 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

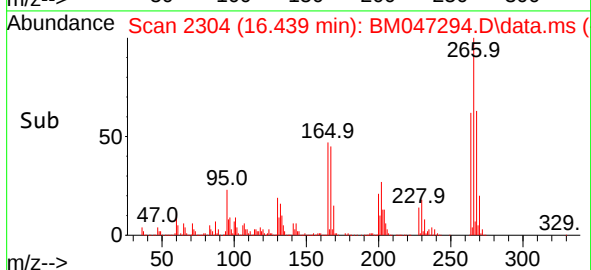
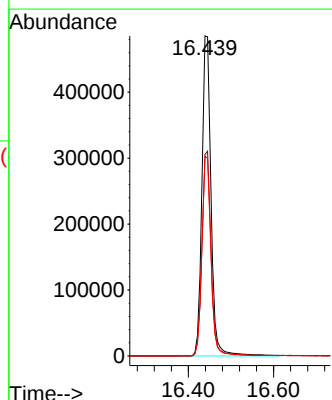
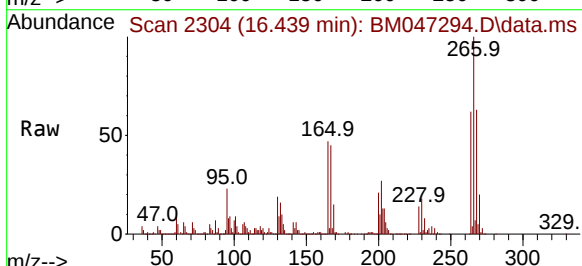
Tgt Ion:266 Resp: 720850

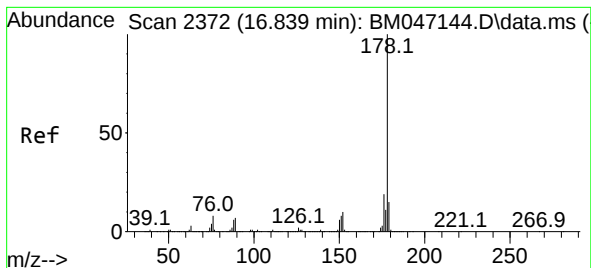
Ion Ratio Lower Upper

266 100

268 63.0 49.8 74.6

264 62.3 49.6 74.4





#71

Phenanthrene

Concen: 43.418 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

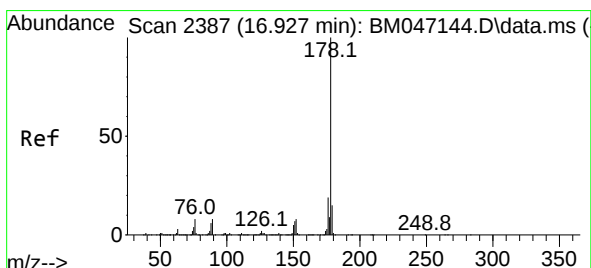
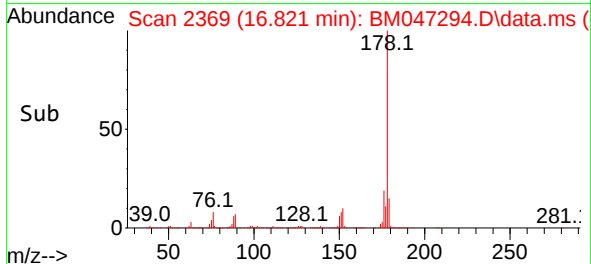
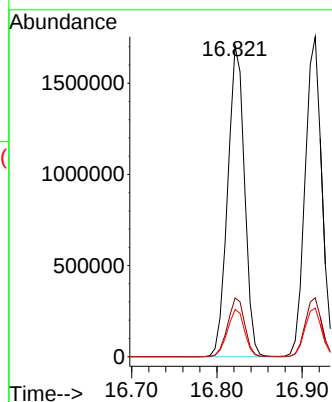
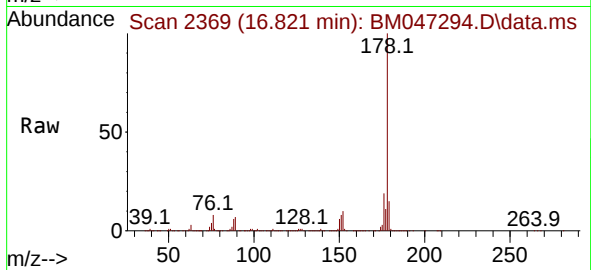
Tgt Ion:178 Resp: 2340362

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.2 12.4 18.6



#72

Anthracene

Concen: 45.639 ng

RT: 16.915 min Scan# 2385

Delta R.T. -0.012 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

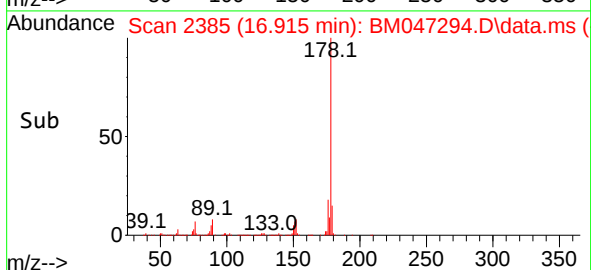
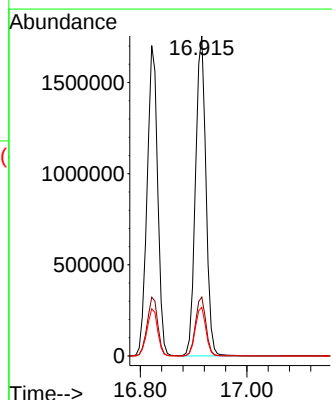
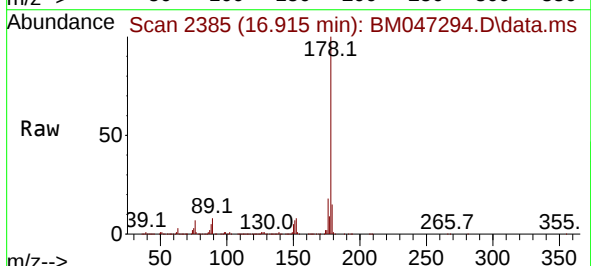
Tgt Ion:178 Resp: 2393667

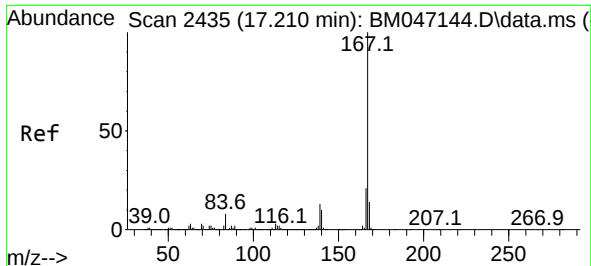
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.2 12.4 18.6

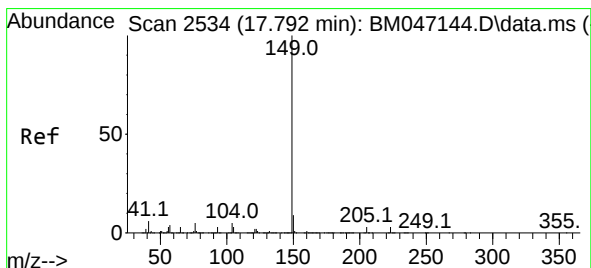
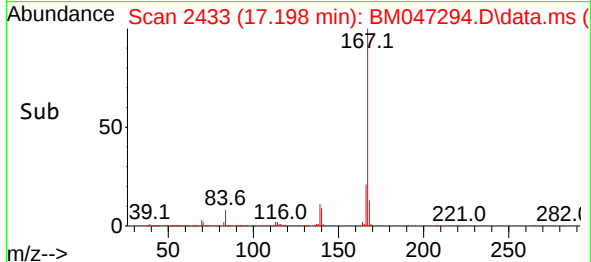
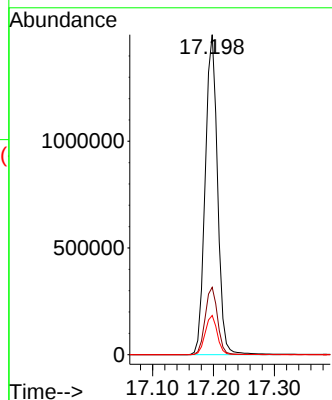
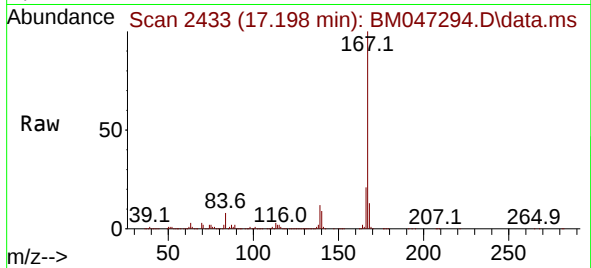




#73
 Carbazole
 Concen: 39.472 ng
 RT: 17.198 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM047294.D
 Acq: 21 Aug 2024 12:23

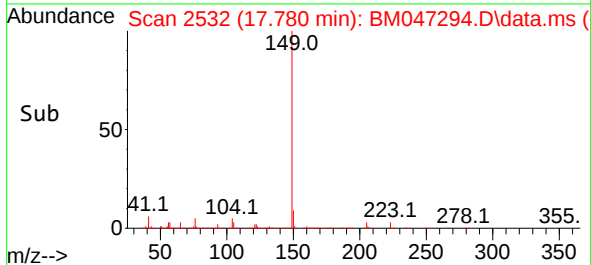
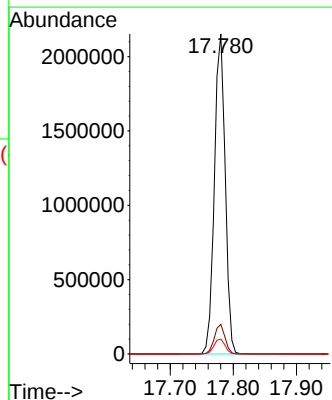
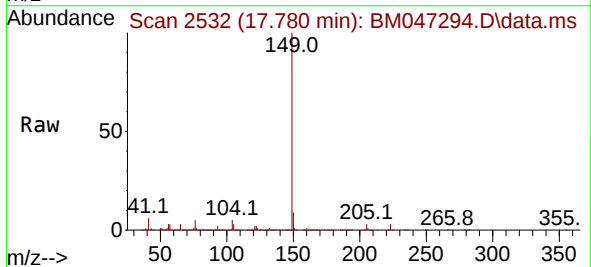
Instrument :
 BNA_M
 ClientSampleId :
 PB162782BS

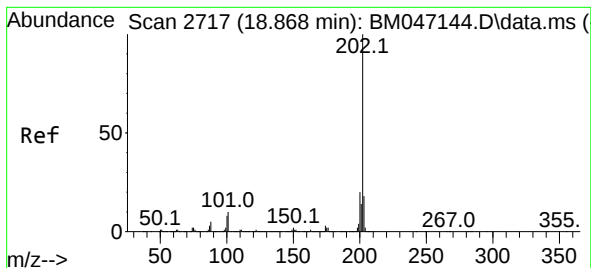
Tgt Ion:167 Resp: 2113771
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.2 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 40.910 ng
 RT: 17.780 min Scan# 2532
 Delta R.T. -0.012 min
 Lab File: BM047294.D
 Acq: 21 Aug 2024 12:23

Tgt Ion:149 Resp: 2549121
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.7 4.1 6.1

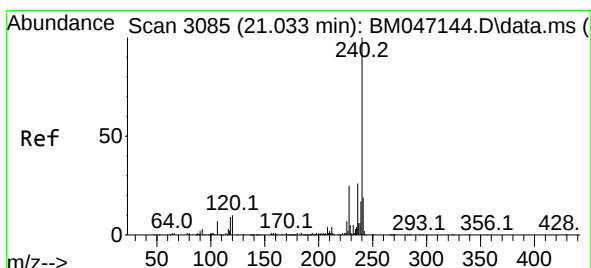
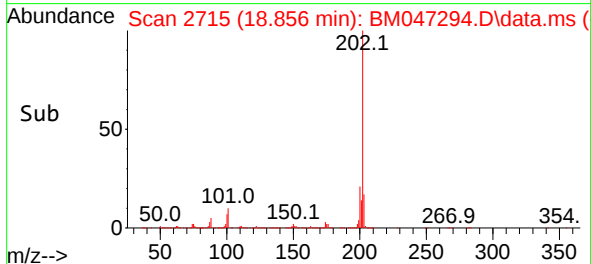
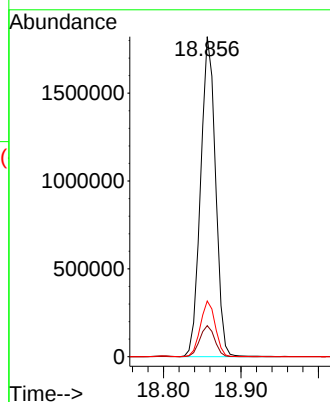
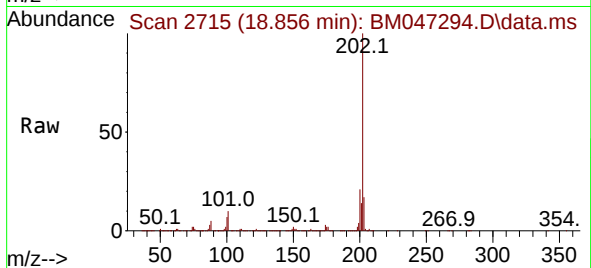




#75
Fluoranthene
Concen: 37.186 ng
RT: 18.856 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

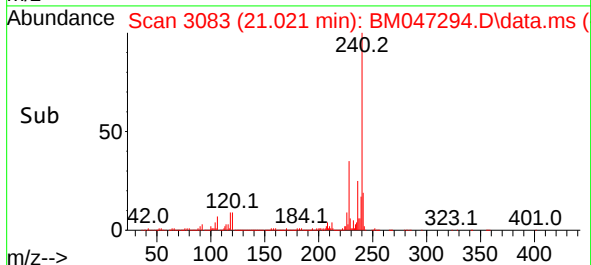
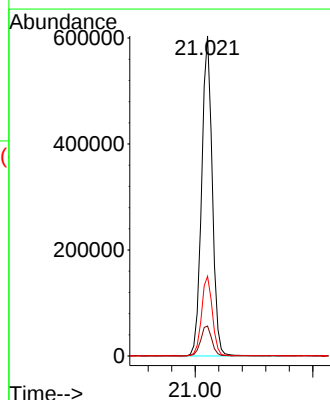
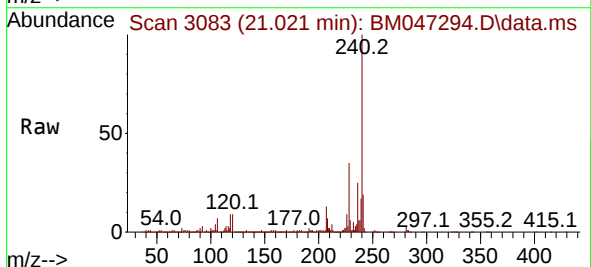
Instrument :
BNA_M
ClientSampleId :
PB162782BS

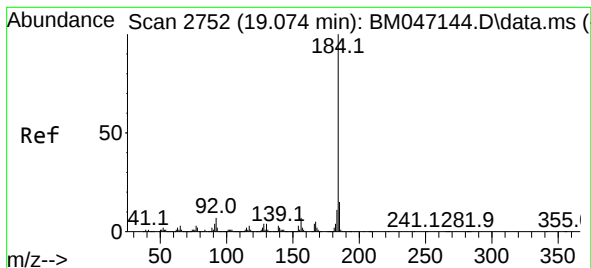
Tgt Ion:202 Resp: 2438066
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.2
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:240 Resp: 757446
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 24.9 20.6 30.8





#77

Benzidine

Concen: 86.016 ng

RT: 19.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

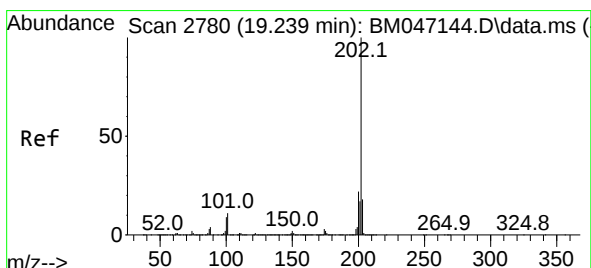
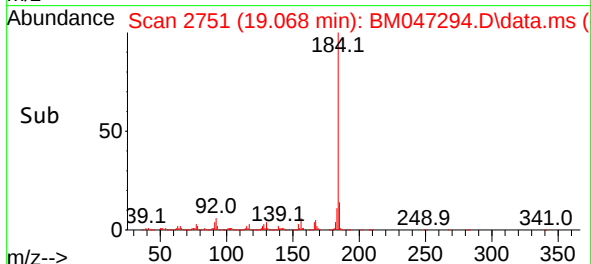
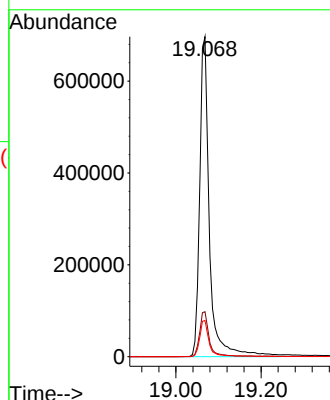
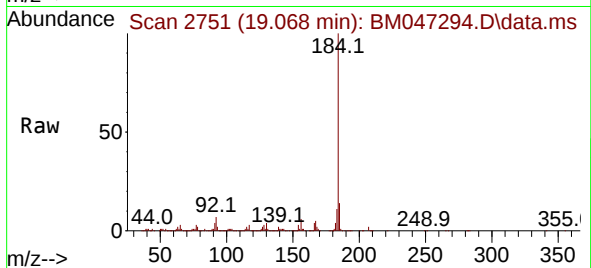
Tgt Ion:184 Resp: 1104880

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.6

183 11.3 9.0 13.6



#78

Pyrene

Concen: 46.963 ng

RT: 19.221 min Scan# 2777

Delta R.T. -0.018 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

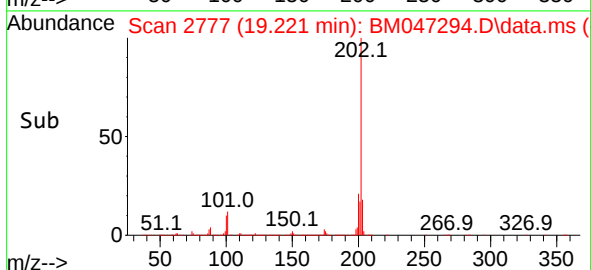
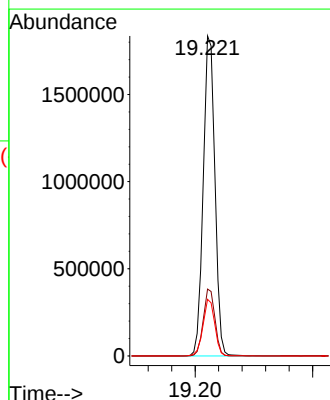
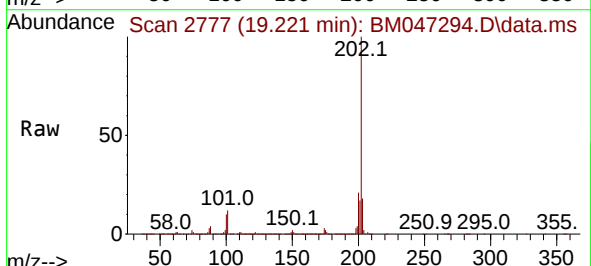
Tgt Ion:202 Resp: 2539918

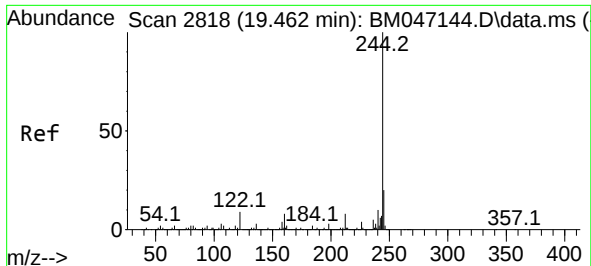
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.7 14.2 21.2

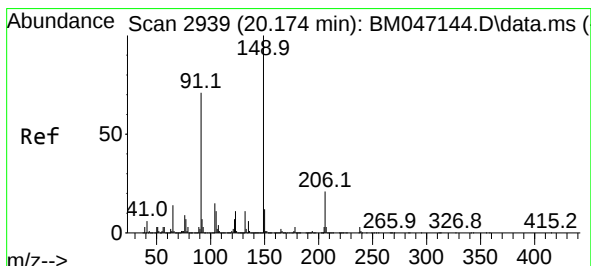
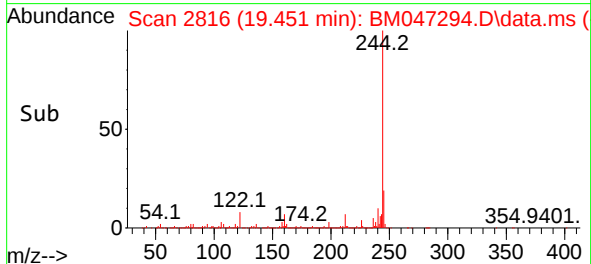
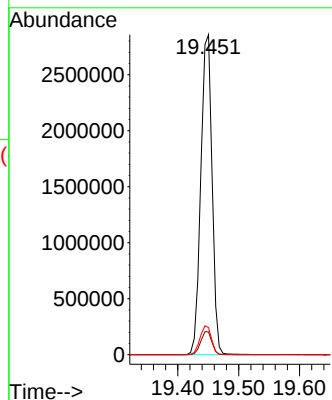
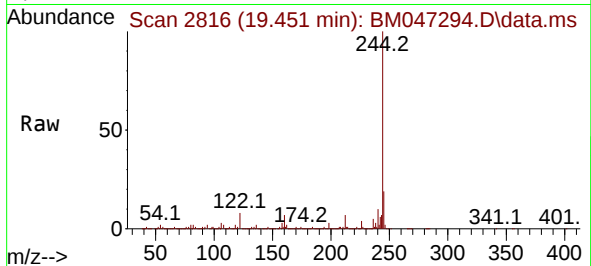




#79
 Terphenyl-d14
 Concen: 103.442 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047294.D
 Acq: 21 Aug 2024 12:23

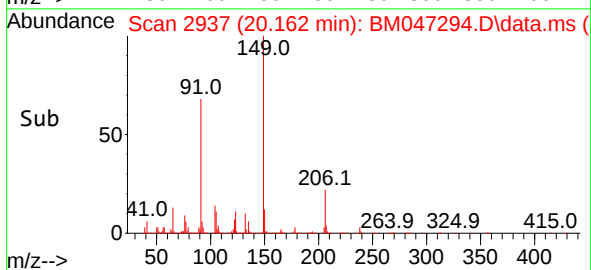
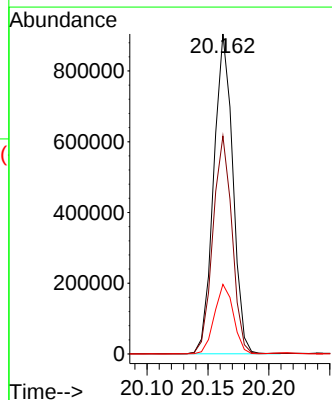
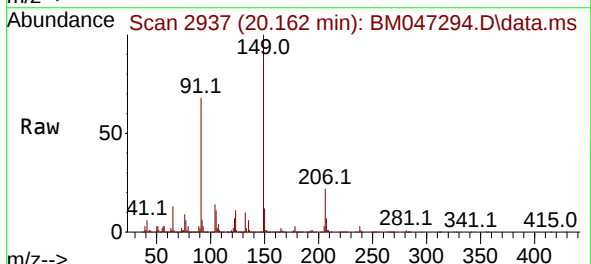
Instrument :
 BNA_M
 ClientSampleId :
 PB162782BS

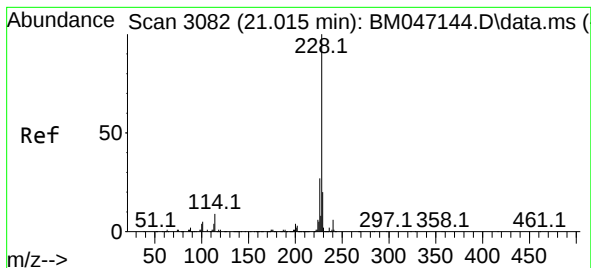
Tgt Ion:244 Resp: 3656563
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 8.5 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 44.889 ng
 RT: 20.162 min Scan# 2937
 Delta R.T. -0.012 min
 Lab File: BM047294.D
 Acq: 21 Aug 2024 12:23

Tgt Ion:149 Resp: 990772
 Ion Ratio Lower Upper
 149 100
 91 68.1 57.0 85.4
 206 21.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 45.159 ng

RT: 21.003 min Scan# 3080

Delta R.T. -0.012 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

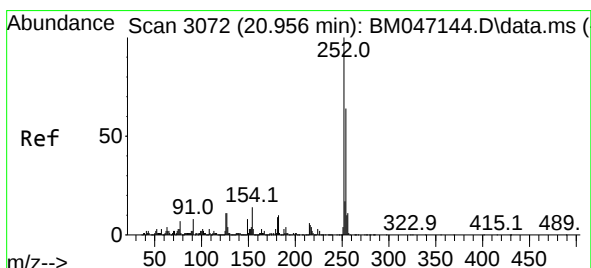
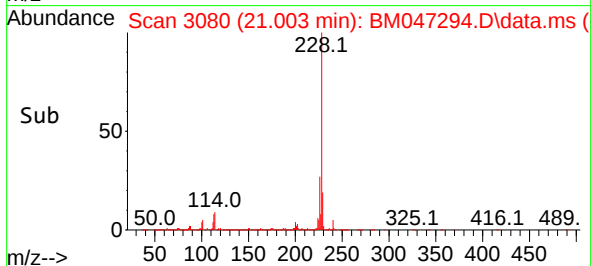
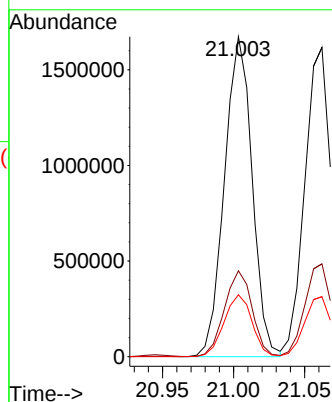
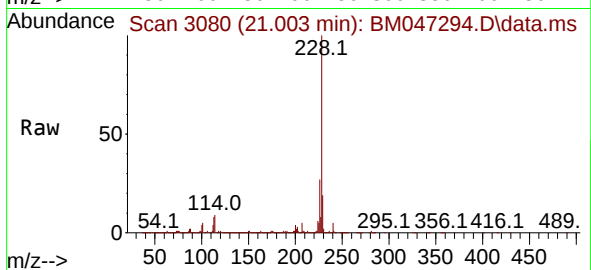
Tgt Ion:228 Resp: 2270764

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 47.185 ng

RT: 20.945 min Scan# 3070

Delta R.T. -0.012 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

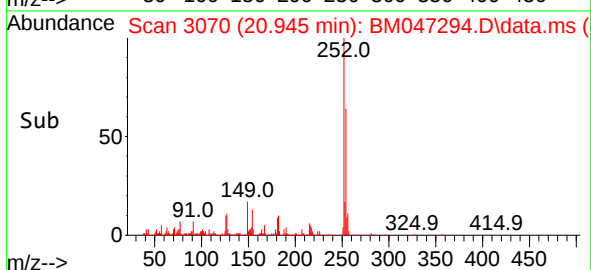
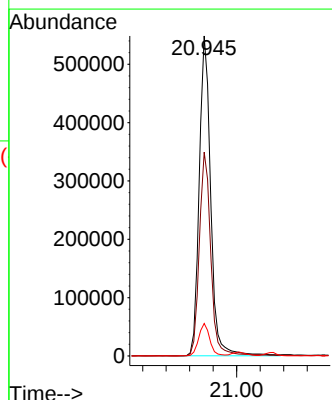
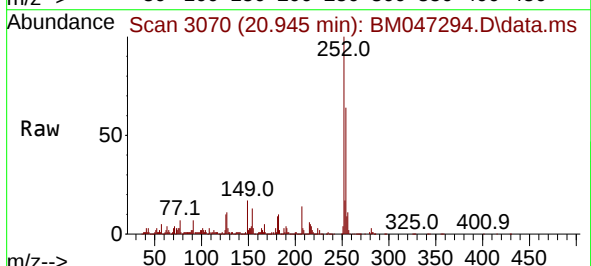
Tgt Ion:252 Resp: 742353

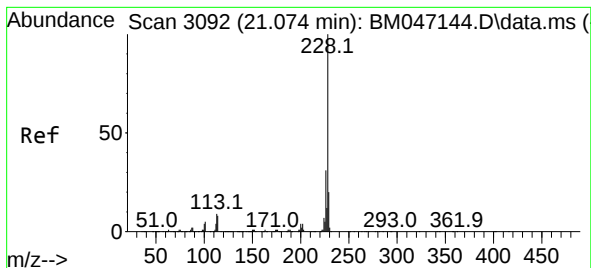
Ion Ratio Lower Upper

252 100

254 63.7 51.0 76.6

126 10.2 8.5 12.7





#83

Chrysene

Concen: 44.413 ng

RT: 21.062 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

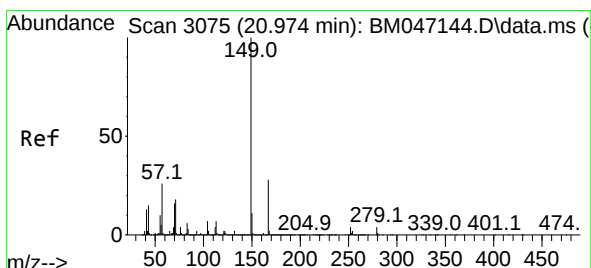
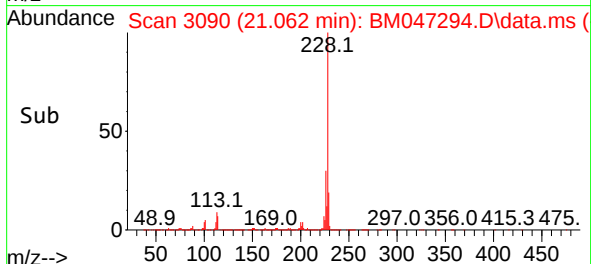
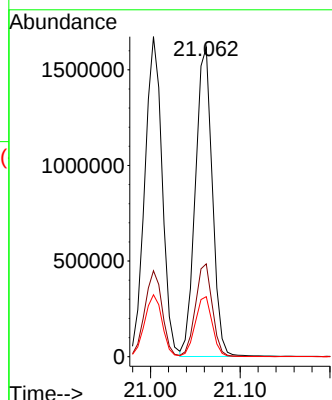
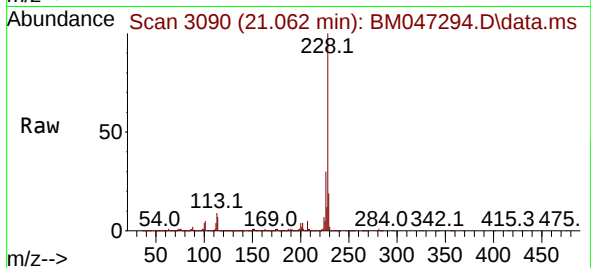
Tgt Ion:228 Resp: 2118834

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.027 ng

RT: 20.962 min Scan# 3073

Delta R.T. -0.012 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

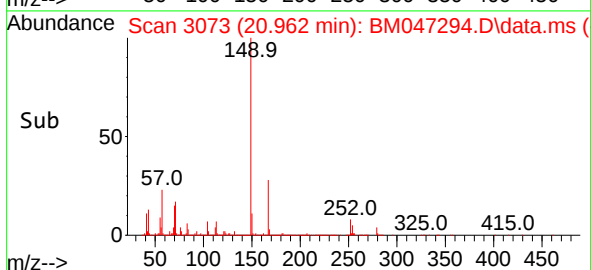
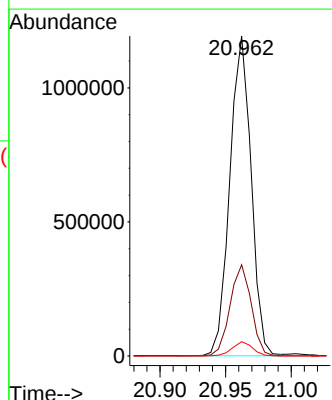
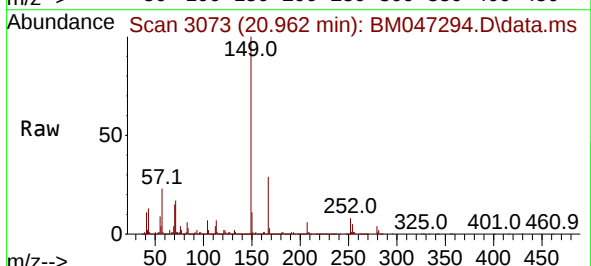
Tgt Ion:149 Resp: 1346782

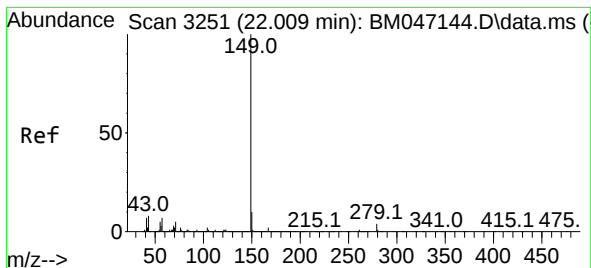
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 43.395 ng

RT: 21.992 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

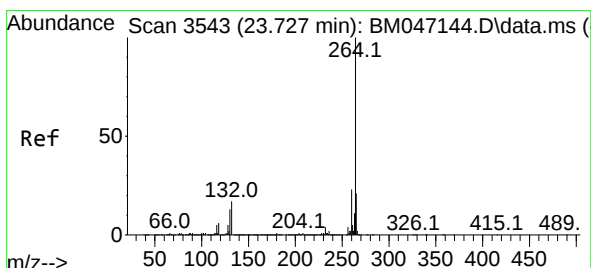
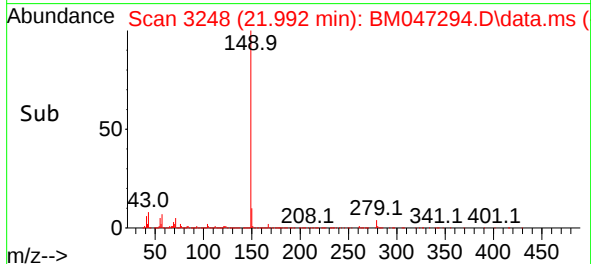
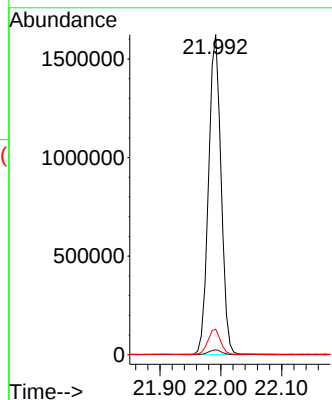
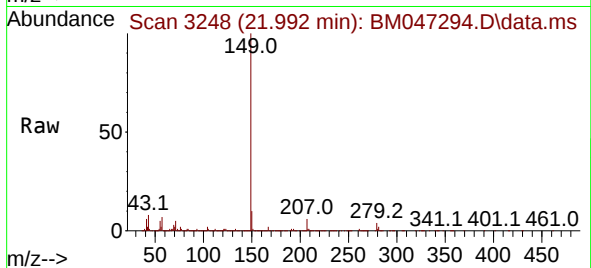
Tgt Ion:149 Resp: 2308721

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 7.9 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

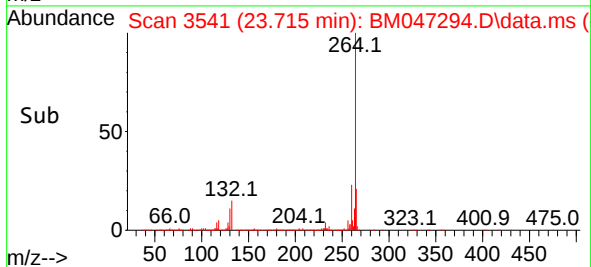
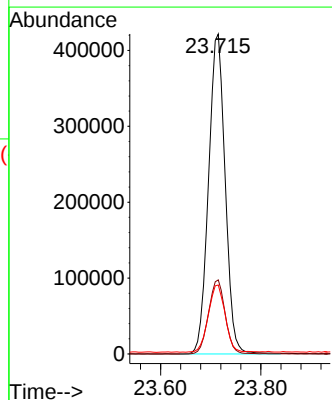
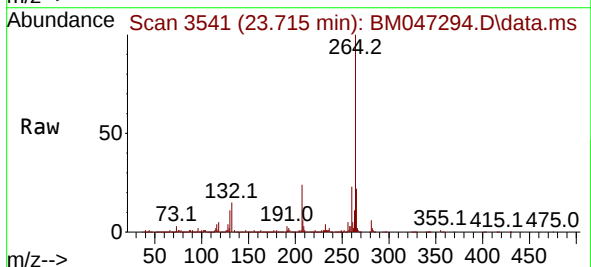
Tgt Ion:264 Resp: 970514

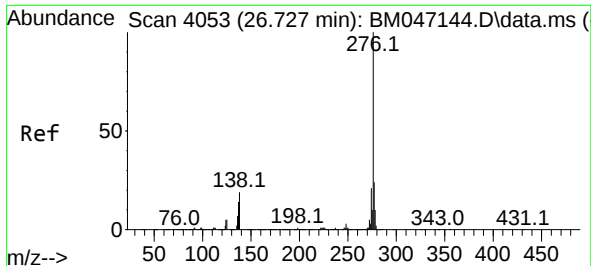
Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.5 17.3 25.9

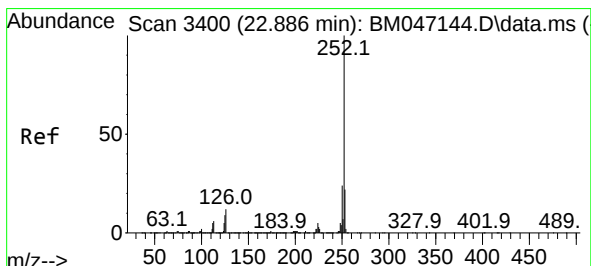
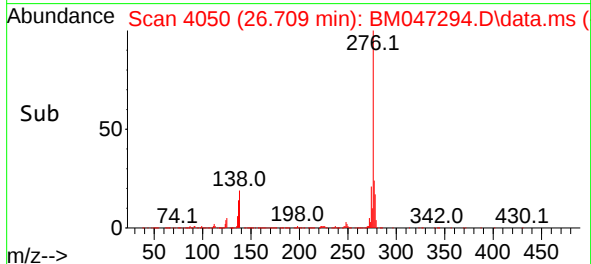
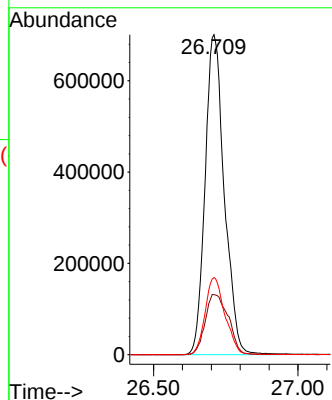
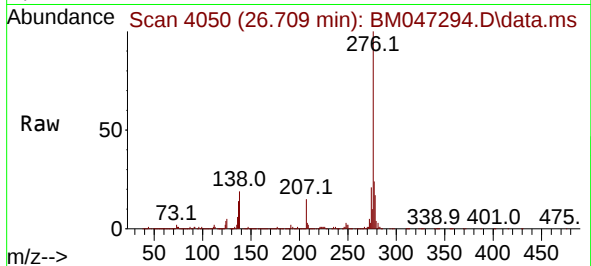




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.703 ng
RT: 26.709 min Scan# 4053
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

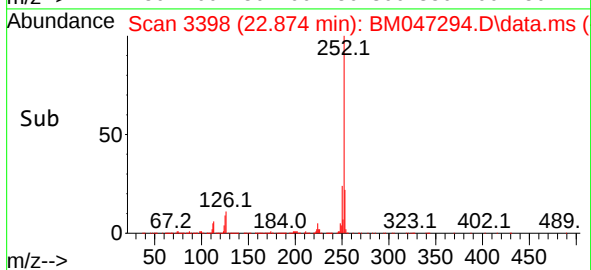
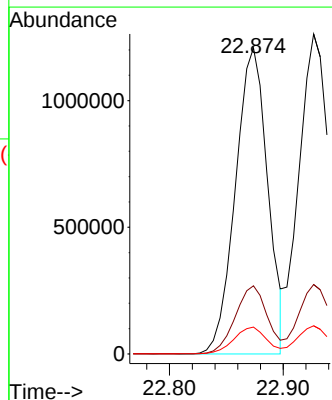
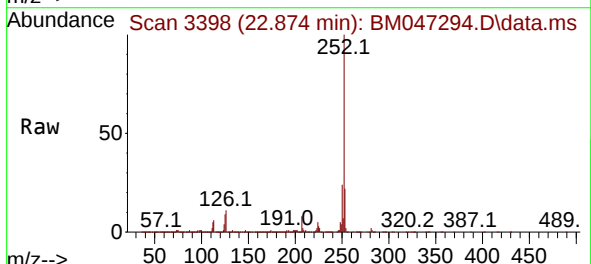
Instrument :
BNA_M
ClientSampleId :
PB162782BS

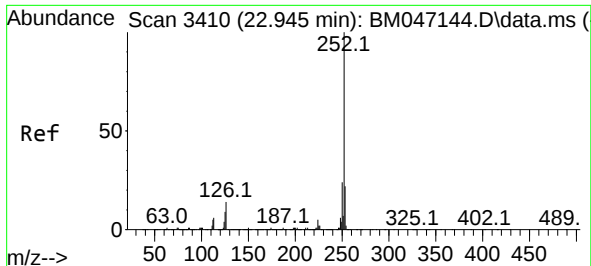
Tgt Ion:276 Resp: 3243450
Ion Ratio Lower Upper
276 100
138 22.6 19.4 29.0
277 24.9 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 41.319 ng
RT: 22.874 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:252 Resp: 2381435
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.8 7.4 11.0

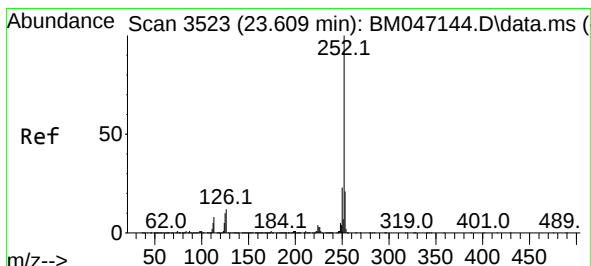
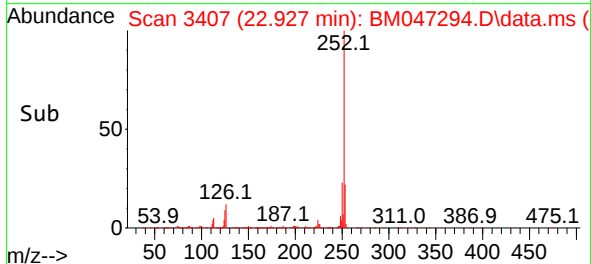
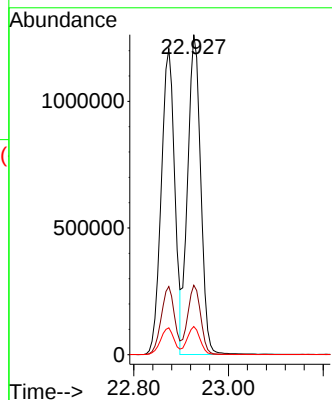
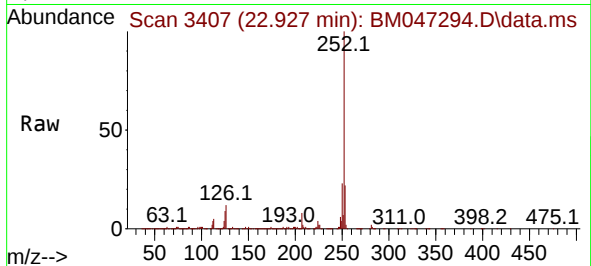




#89
Benzo(k)fluoranthene
Concen: 44.376 ng
RT: 22.927 min Scan# 3410
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

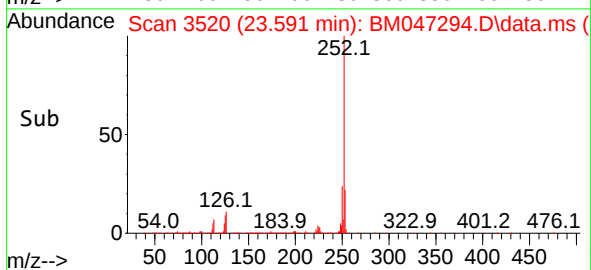
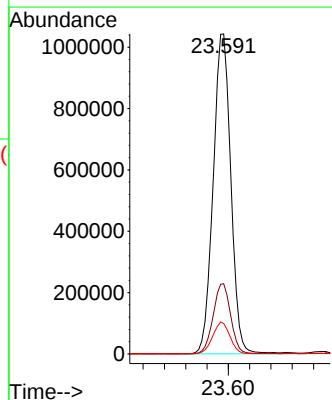
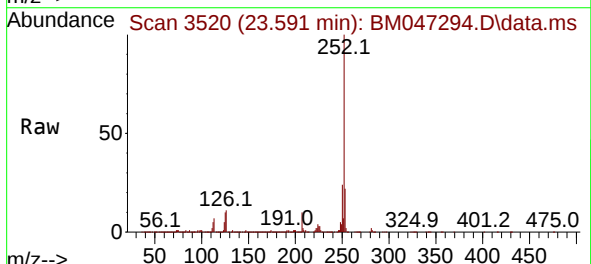
Instrument :
BNA_M
ClientSampleId :
PB162782BS

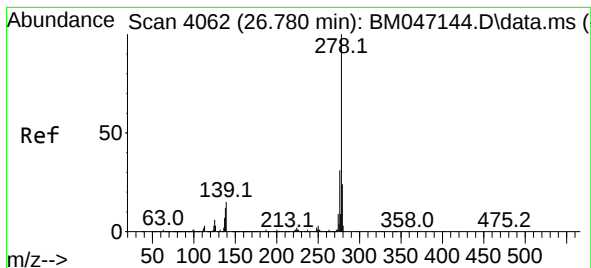
Tgt Ion:252 Resp: 2415791
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 47.926 ng
RT: 23.591 min Scan# 3520
Delta R.T. -0.018 min
Lab File: BM047294.D
Acq: 21 Aug 2024 12:23

Tgt Ion:252 Resp: 2392799
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.5 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 50.537 ng

RT: 26.756 min Scan# 40

Delta R.T. -0.024 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Instrument :

BNA_M

ClientSampleId :

PB162782BS

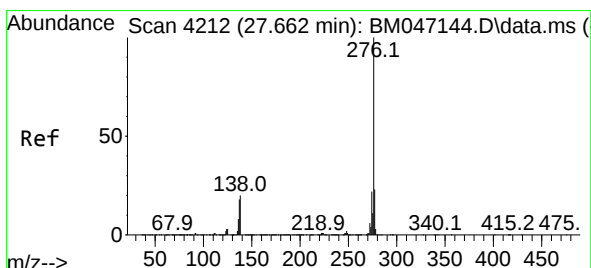
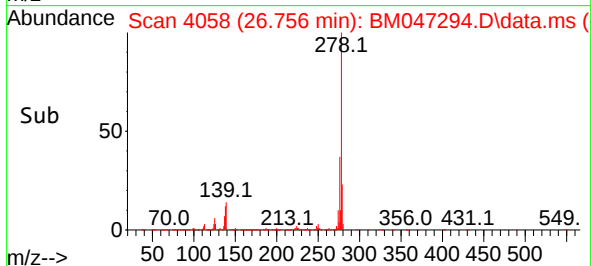
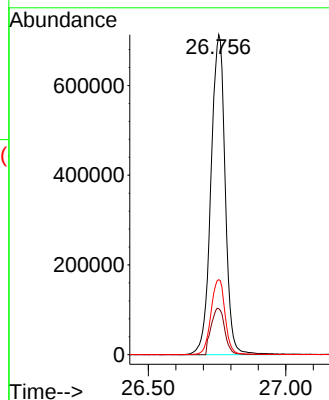
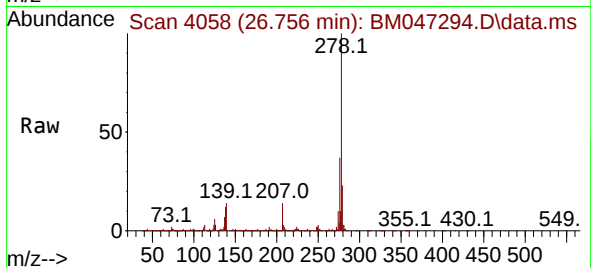
Tgt Ion:278 Resp: 2565614

Ion Ratio Lower Upper

278 100

139 14.3 12.0 18.0

279 23.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 48.112 ng

RT: 27.638 min Scan# 4208

Delta R.T. -0.024 min

Lab File: BM047294.D

Acq: 21 Aug 2024 12:23

Tgt Ion:276 Resp: 2535964

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 19.3 16.2 24.4

