

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
 Data File : BN029544.D
 Acq On : 07 Feb 2024 13:24
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV238

Quant Time: Feb 08 00:34:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	201603	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.681	136	863670	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	462007	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	915977	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	759145	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	867889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	43367	7.075	ng/uL	0.00
4) Pyridine-d5	3.734	84	325362	19.905	ng/u1	0.00
7) Phenol-d5	7.040	99	383611	20.343	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.222	67	271544	21.577	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	299473	21.916	ng/u1	-0.01
15) 4-Methylphenol-d8	8.593	113	290770	20.676	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	142520	21.261	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	130007	22.269	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.298	165	246918	21.428	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	394802	20.083	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	719282	20.911	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	847181	20.739	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	129708	19.868	ng/u1	0.00
60) Fluorene-d10	15.522	176	590646	20.185	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	86305	19.337	ng/u1	0.00
73) Anthracene-d10	17.380	188	866131	20.176	ng/u1	0.00
81) Pyrene-d10	19.680	212	937950	20.589	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	880980	20.286	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	46042	7.253	ng/uL	95
5) Pyridine	3.752	79	273948	16.200	ng/u1	97
6) Benzaldehyde	7.022	77	232190	27.469	ng/u1	100
8) Phenol	7.069	94	360665	18.662	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.316	93	294229	18.105	ng/u1	98
12) 2-Chlorophenol	7.440	128	284477	19.843	ng/u1	96
13) 2-Methylphenol	8.322	108	255665	18.332	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	358417	16.887	ng/u1	98
16) Acetophenone	8.710	105	449722	20.093	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.698	70	230342	19.933	ng/u1	99
18) 4-Methylphenol	8.651	108	278982	18.931	ng/u1	97
19) Hexachloroethane	8.951	117	123026	18.492	ng/u1	92
22) Nitrobenzene	9.087	77	340097	17.907	ng/u1	98
23) Isophorone	9.610	82	601126	18.170	ng/u1	99
25) 2-Nitrophenol	9.798	139	133966	20.095	ng/u1	98
26) 2,4-Dimethylphenol	9.857	107	242688	15.190	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.104	93	374555	17.815	ng/u1	98
29) 2,4-Dichlorophenol	10.328	162	226231	19.000	ng/u1	99
30) Naphthalene	10.728	128	880287	17.832	ng/u1	99
32) 4-Chloroaniline	10.851	127	352618	18.170	ng/u1	98
33) Hexachlorobutadiene	11.004	225	132377	18.014	ng/u1	93
34) Caprolactam	11.622	113	74230	18.735	ng/u1	92
35) 4-Chloro-3-methylphenol	11.969	107	266657	19.389	ng/u1	97
36) 2-Methylnaphthalene	12.345	142	551083	18.211	ng/u1	95

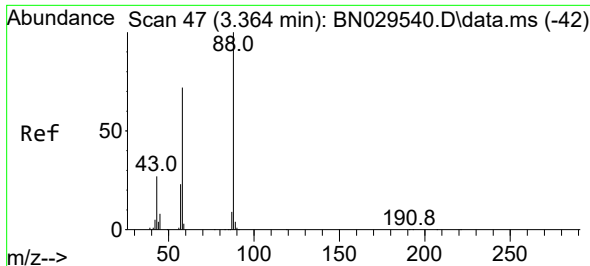
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	538402	17.946	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.710	216	253563	18.516	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	133533	14.918	ng/ul	93
41) 2,4,6-Trichlorophenol	12.957	196	149155	18.896	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	166879	18.815	ng/ul	98
43) 1,1'-Biphenyl	13.363	154	720004	18.479	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	539723	17.823	ng/ul	98
45) 2-Nitroaniline	13.616	65	173316	19.467	ng/ul	96
47) Dimethylphthalate	13.998	163	641855	18.229	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	136209	21.619	ng/ul	97
50) Acenaphthylene	14.251	152	899839	18.355	ng/ul	99
51) 3-Nitroaniline	14.445	138	150604	20.538	ng/ul	99
52) Acenaphthene	14.592	153	561072	17.325	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	55660	17.408	ng/ul	92
55) 4-Nitrophenol	14.745	109	109777	18.389	ng/ul	97
56) Dibenzofuran	14.928	168	776469	18.157	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	175814	19.820	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.151	232	130104	20.669	ng/ul	90
59) Diethylphthalate	15.363	149	663095	18.334	ng/ul	99
61) Fluorene	15.580	166	618770	18.306	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.580	204	272933	18.053	ng/ul	96
63) 4-Nitroaniline	15.610	138	150019	22.667	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.663	198	81928	16.650	ng/ul	95
67) N-Nitrosodiphenylamine	15.792	169	531077	18.606	ng/ul	95
68) 4-Bromophenyl-phenylether	16.475	248	150115	17.315	ng/ul	97
69) Hexachlorobenzene	16.575	284	177875	18.202	ng/ul	98
70) Atrazine	16.757	200	159133	17.844	ng/ul	98
71) Pentachlorophenol	16.922	266	94006	16.565	ng/ul	98
72) Phenanthrene	17.322	178	939500	17.731	ng/ul	99
74) Anthracene	17.416	178	923481	17.366	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	237069	17.637	ng/uL	94
76) Pentachlorobenzene	14.839	250	216447	17.984	ng/uL	98
77) Carbazole	17.686	167	893387	18.394	ng/ul	99
78) Di-n-butylphthalate	18.269	149	1087960	18.628	ng/ul	99
80) Fluoranthene	19.345	202	1026089	18.542	ng/ul	98
82) Pyrene	19.710	202	1078376	18.420	ng/ul	95
83) Butylbenzylphthalate	20.627	149	453356	19.001	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.404	252	342270	23.277	ng/ul	98
85) Benzo(a)anthracene	21.463	228	984870	17.660	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	708387	19.194	ng/ul	98
87) Chrysene	21.515	228	924919	17.697	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	1156425	17.190	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	947836	17.339	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	972037	17.372	ng/ul	99
93) Benzo(a)pyrene	23.751	252	866163	16.522	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.315	276	1121741	17.572	ng/ul	96
95) Dibenzo(a,h)anthracene	26.345	278	905545	17.375	ng/ul	96
96) Benzo(g,h,i)perylene	27.074	276	922928	17.285	ng/ul	95

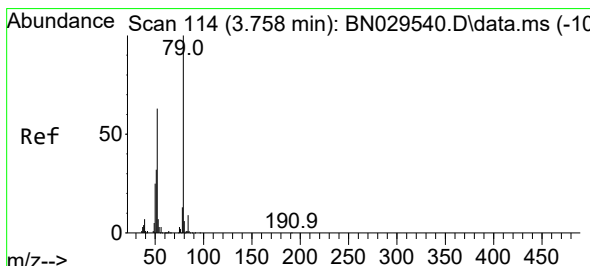
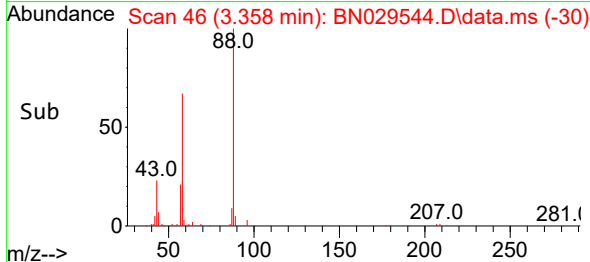
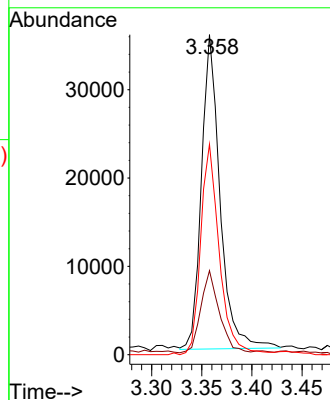
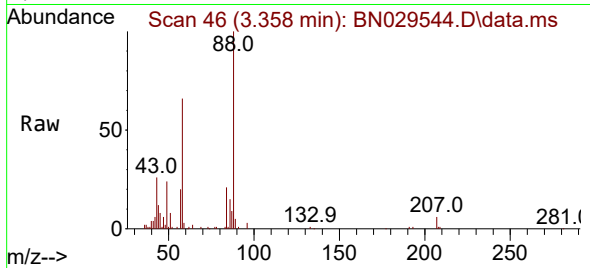
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#2
1,4-Dioxane
Concen: 7.253 ng/uL
RT: 3.358 min Scan# 41
Delta R.T. -0.006 min
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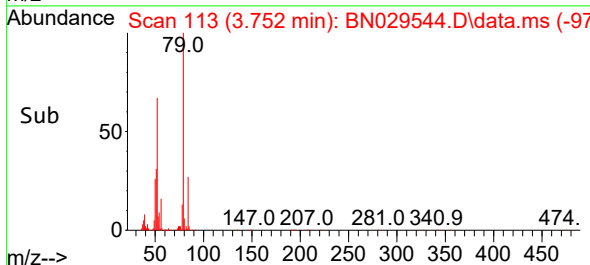
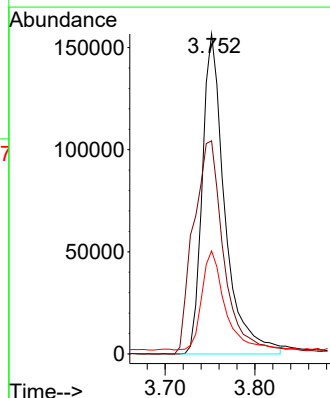
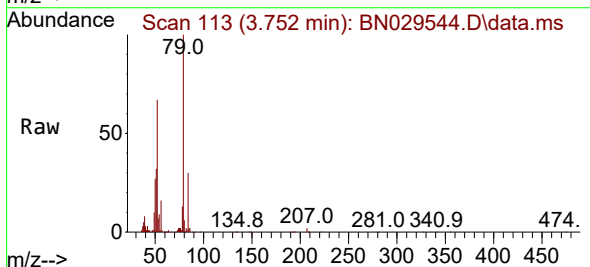
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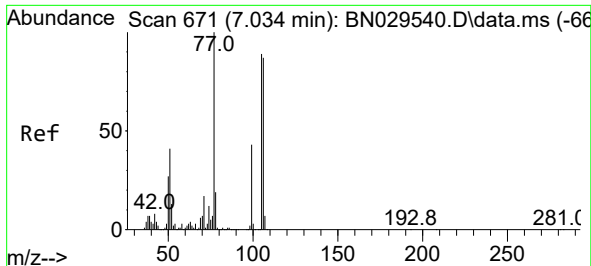
Tgt Ion: 88 Resp: 46042
Ion Ratio Lower Upper
88 100
43 26.3 22.1 33.1
58 65.7 56.5 84.7



#5
Pyridine
Concen: 16.200 ng/uL
RT: 3.752 min Scan# 113
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion: 79 Resp: 273948
Ion Ratio Lower Upper
79 100
52 66.6 55.4 83.0
51 32.2 26.9 40.3

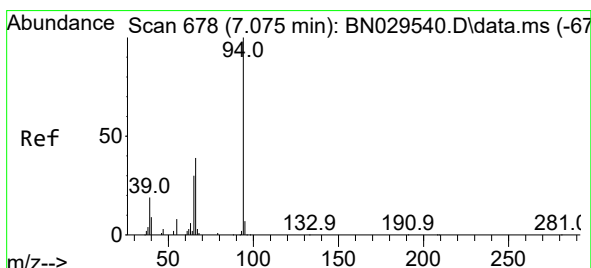
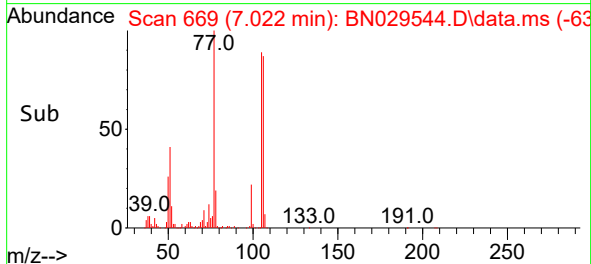
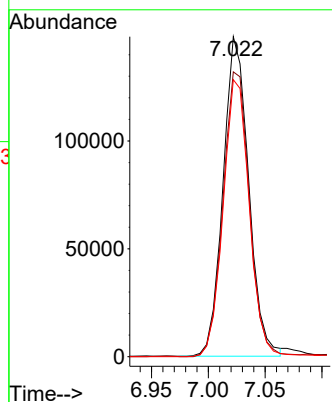
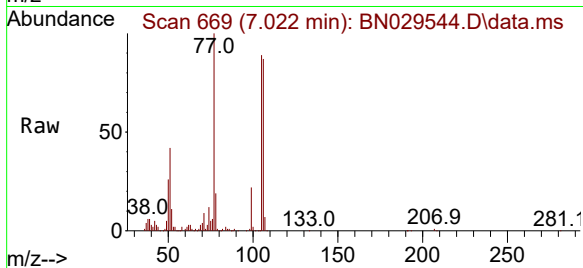




#6
Benzaldehyde
Concen: 27.469 ng/ul
RT: 7.022 min Scan# 671
Delta R.T. -0.012 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

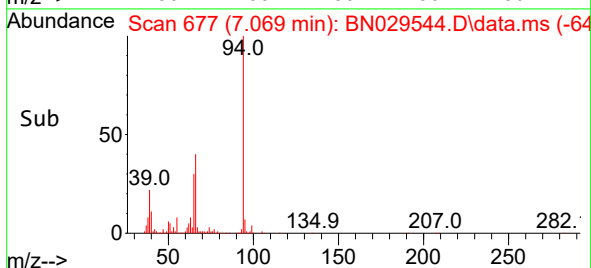
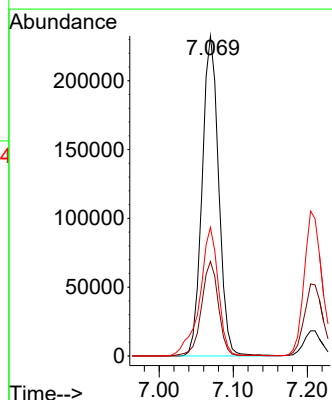
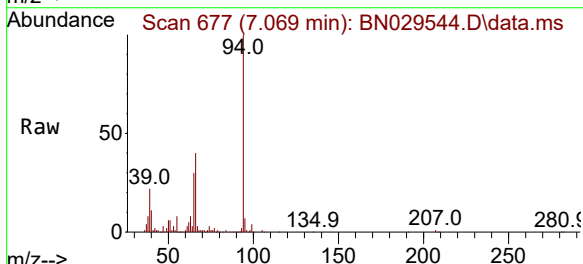
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ClientSampleId :
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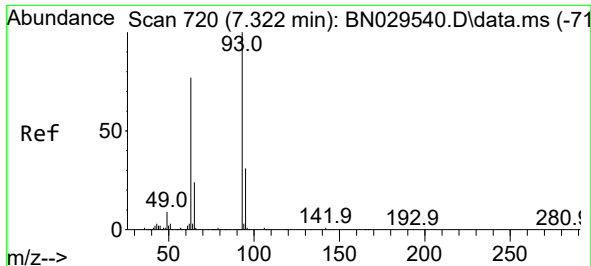
Tgt Ion: 77 Resp: 232190
Ion Ratio Lower Upper
77 100
105 89.0 71.0 106.4
106 86.6 69.4 104.0



#8
Phenol
Concen: 18.662 ng/ul
RT: 7.069 min Scan# 677
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion: 94 Resp: 360665
Ion Ratio Lower Upper
94 100
65 29.6 23.9 35.9
66 40.2 32.2 48.2

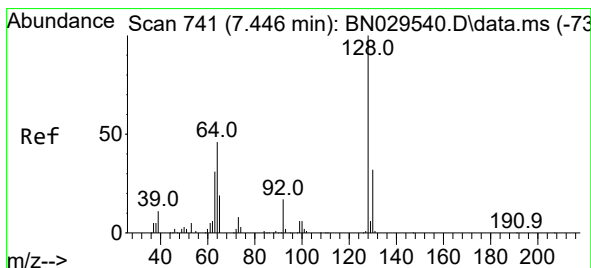
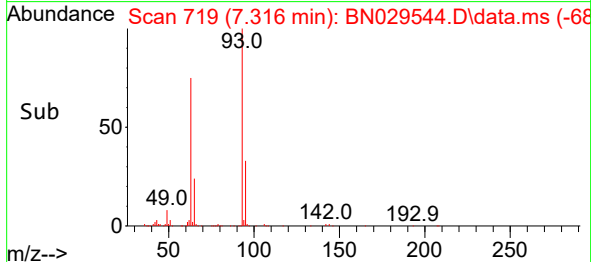
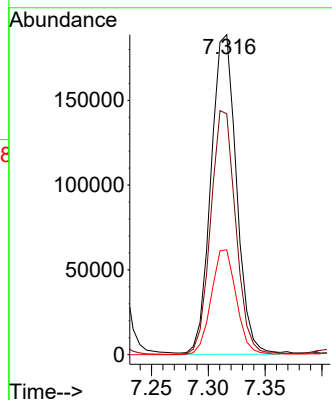
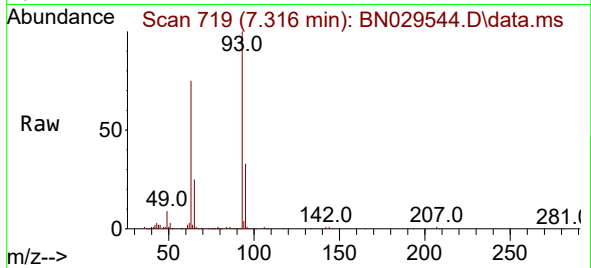




#10
Bis(2-Chloroethyl)ether
Concen: 18.105 ng/ul
RT: 7.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

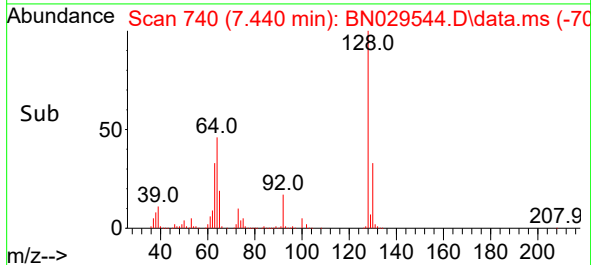
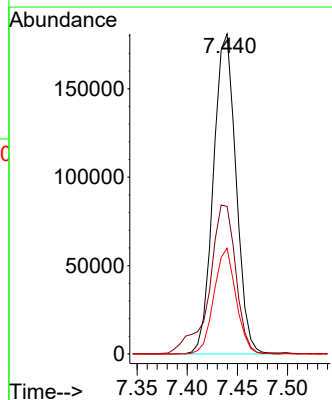
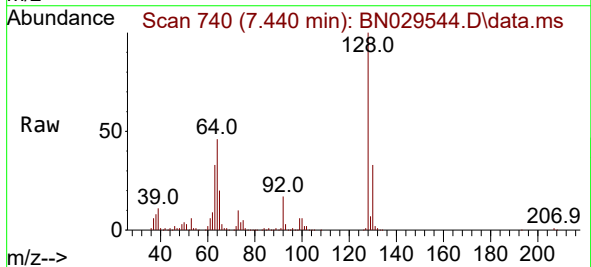
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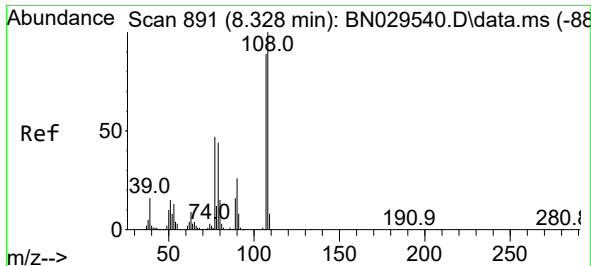
Tgt Ion: 93 Resp: 294229
Ion Ratio Lower Upper
93 100
63 75.3 61.4 92.2
95 32.8 24.9 37.3



#12
2-Chlorophenol
Concen: 19.843 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:128 Resp: 284477
Ion Ratio Lower Upper
128 100
64 46.2 39.8 59.6
130 33.1 25.6 38.4

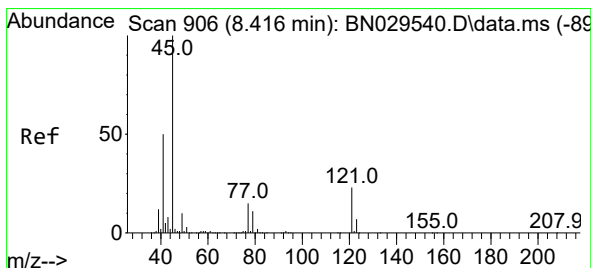
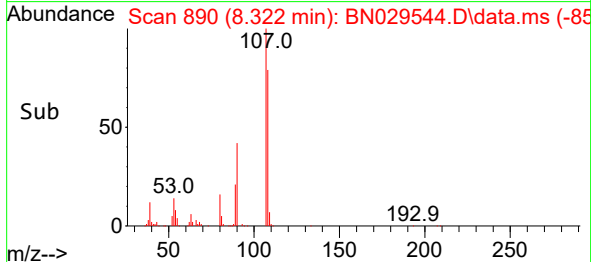
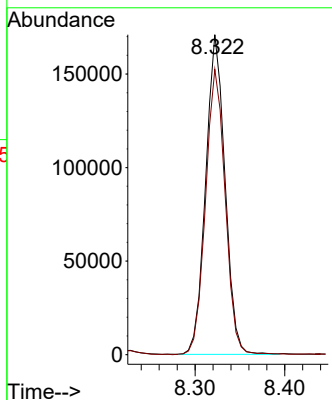
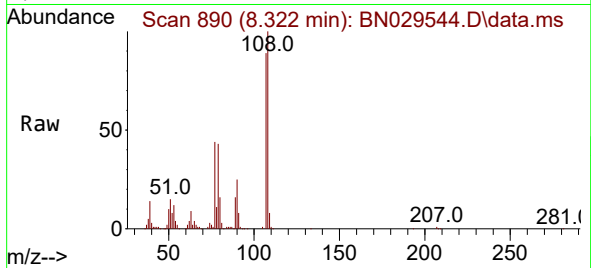




#13
2-Methylphenol
Concen: 18.332 ng/ul
RT: 8.322 min Scan# 891
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

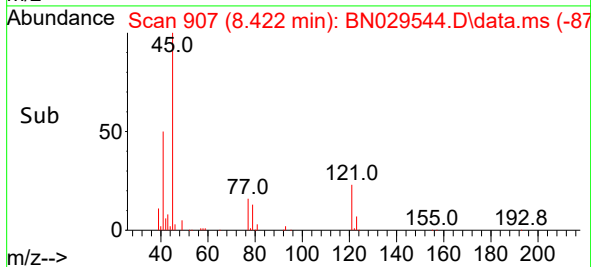
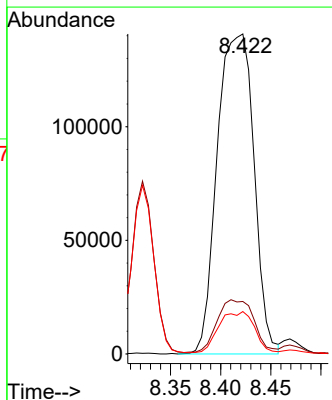
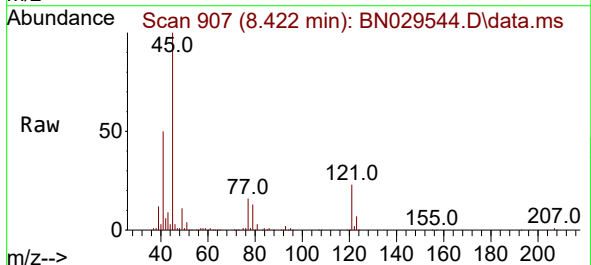
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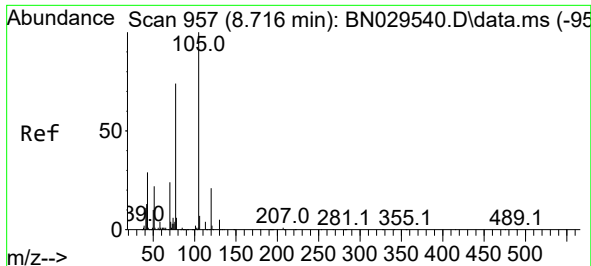
Tgt Ion:108 Resp: 255665
Ion Ratio Lower Upper
108 100
107 89.1 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 16.887 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion: 45 Resp: 358417
Ion Ratio Lower Upper
45 100
77 16.4 12.7 19.1
79 13.3 9.4 14.2

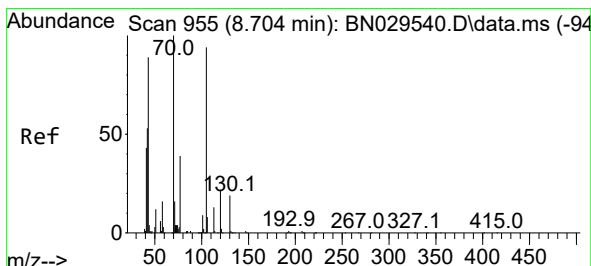
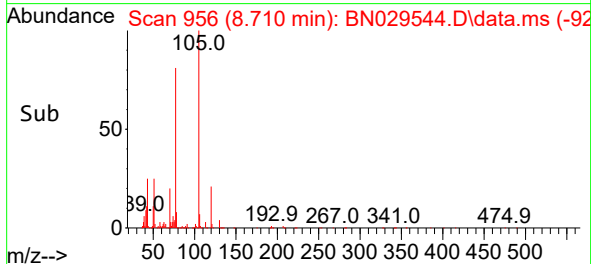
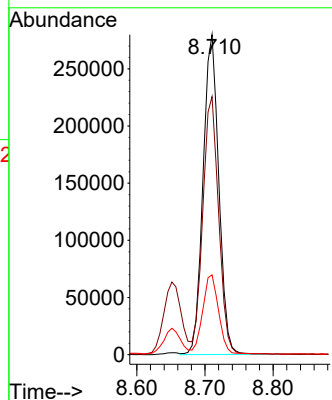
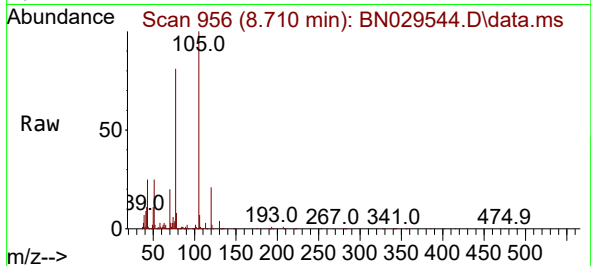




#16
Acetophenone
Concen: 20.093 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

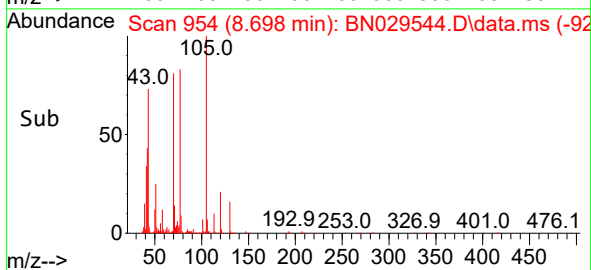
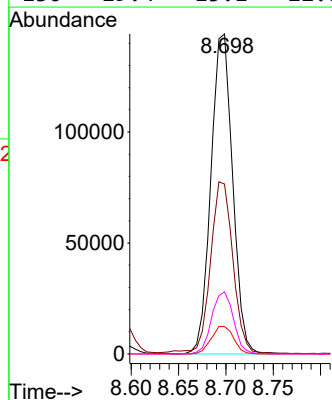
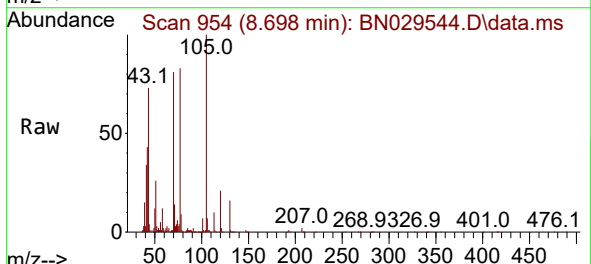
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ClientSampleId :
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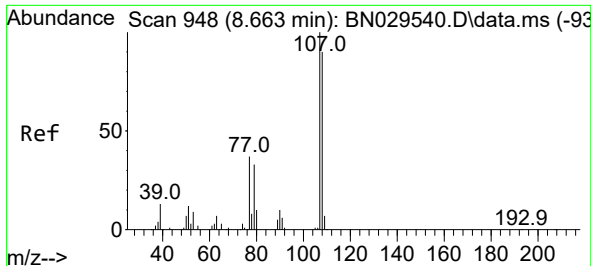
Tgt Ion:105 Resp: 449722
Ion Ratio Lower Upper
105 100
77 80.7 67.4 101.0
51 24.9 20.7 31.1



#17
N-Nitroso-di-n-propylamine
Concen: 19.933 ng/ul
RT: 8.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion: 70 Resp: 230342
Ion Ratio Lower Upper
70 100
42 53.1 43.0 64.4
101 8.6 7.4 11.2
130 19.4 15.1 22.7

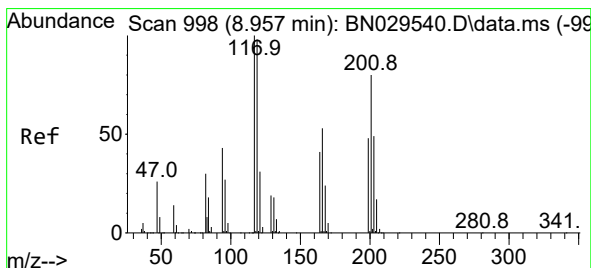
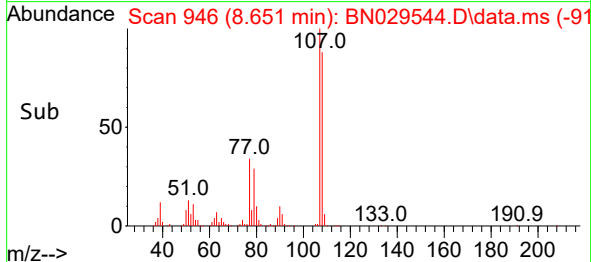
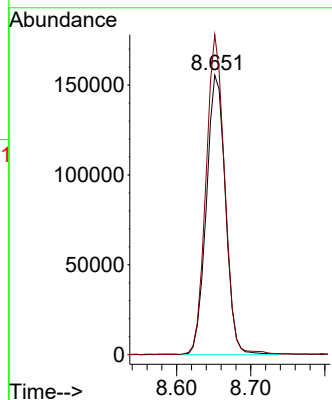
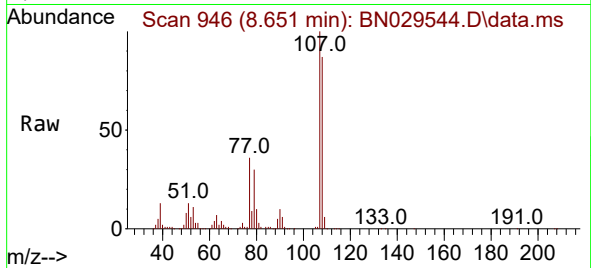




#18
4-Methylphenol
Concen: 18.931 ng/ul
RT: 8.651 min Scan# 948
Delta R.T. -0.012 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

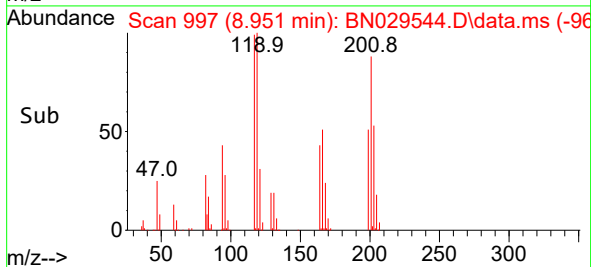
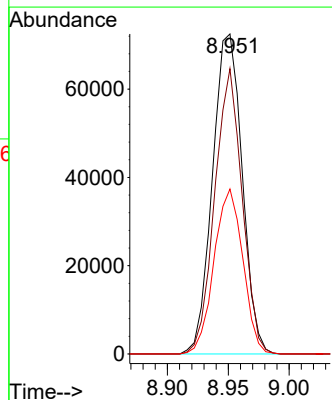
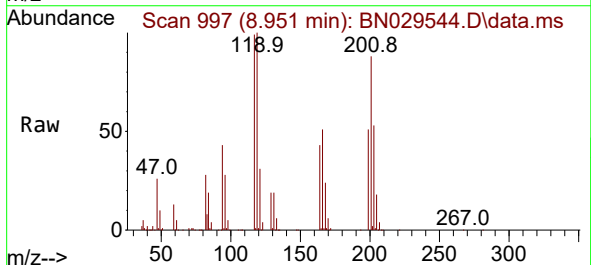
Instrument :
BNA_N
ClientSampleId :
SICV238

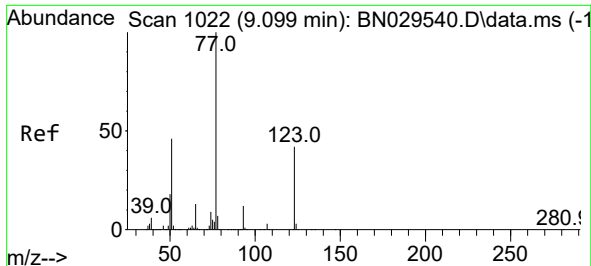
Tgt Ion:108 Resp: 278982
Ion Ratio Lower Upper
108 100
107 114.5 88.7 133.1



#19
Hexachloroethane
Concen: 18.492 ng/ul
RT: 8.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:117 Resp: 123026
Ion Ratio Lower Upper
117 100
201 89.2 64.4 96.6
199 51.5 38.3 57.5

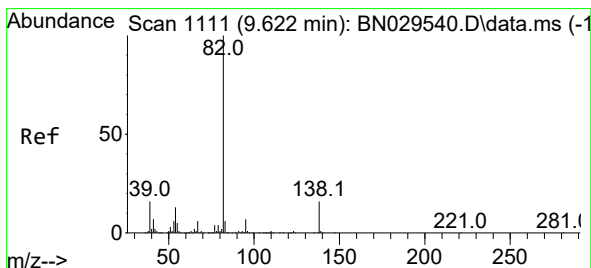
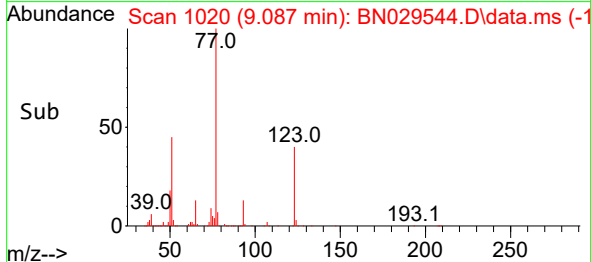
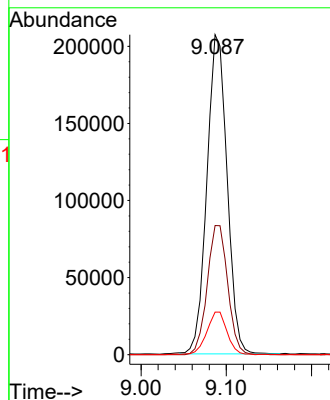
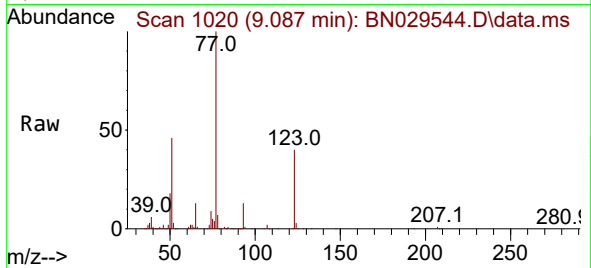




#22
Nitrobenzene
Concen: 17.907 ng/ul
RT: 9.087 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

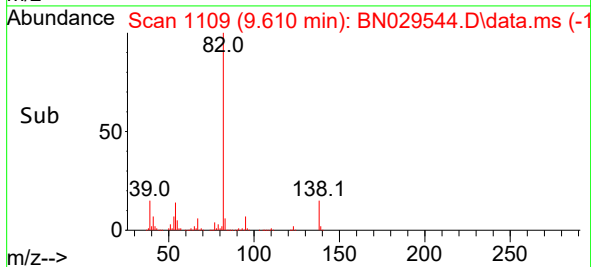
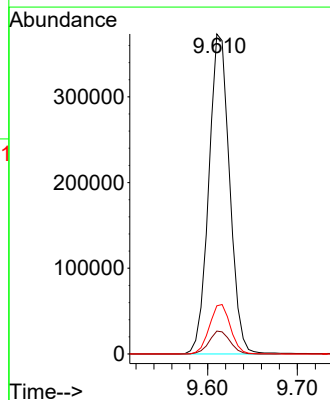
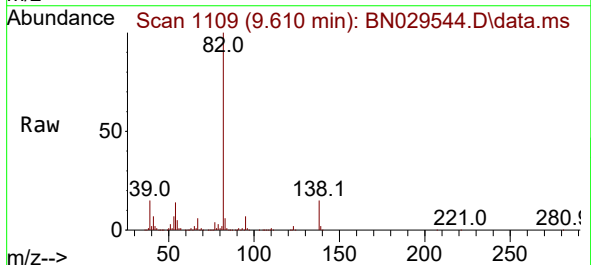
Instrument :
BNA_N
ClientSampleId :
SICV238

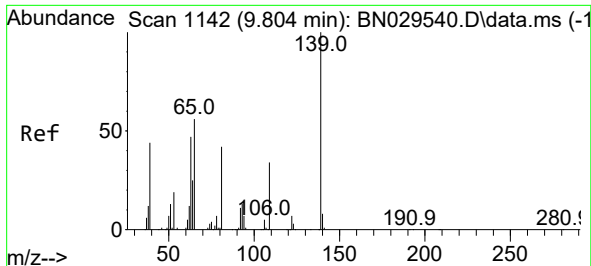
Tgt Ion: 77 Resp: 340097
Ion Ratio Lower Upper
77 100
123 40.4 33.6 50.4
65 13.3 10.6 16.0



#23
Isophorone
Concen: 18.170 ng/ul
RT: 9.610 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion: 82 Resp: 601126
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 15.0 12.6 19.0

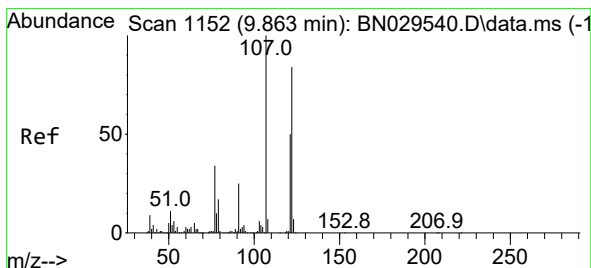
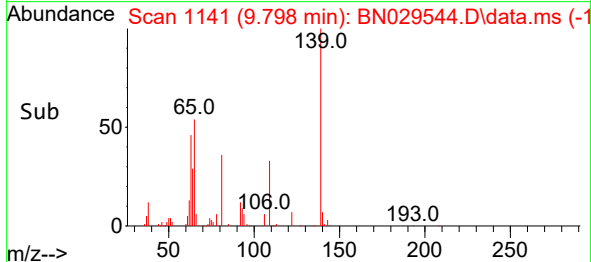
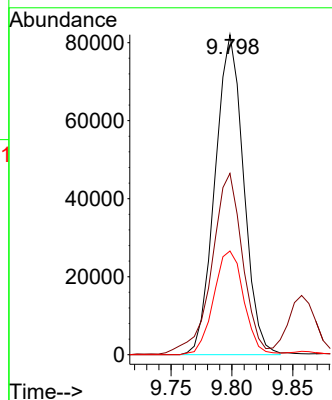
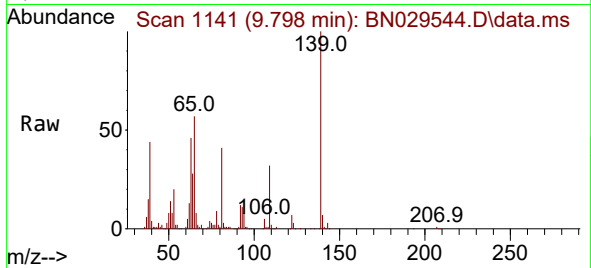




#25
2-Nitrophenol
Concen: 20.095 ng/ul
RT: 9.798 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

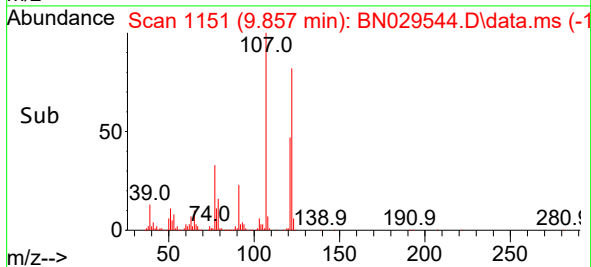
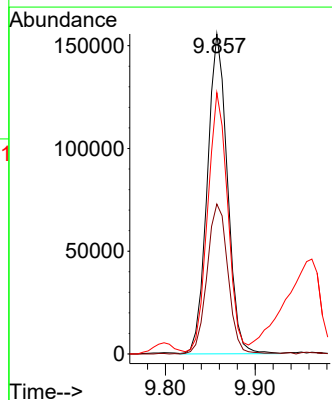
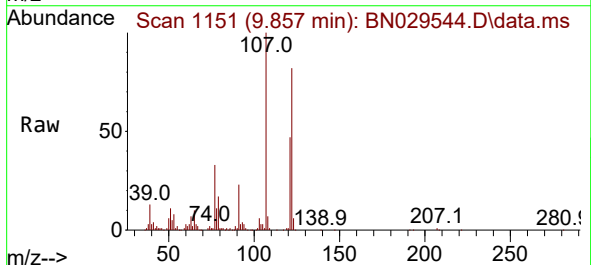
Instrument :
BNA_N
ClientSampleId :
SICV238

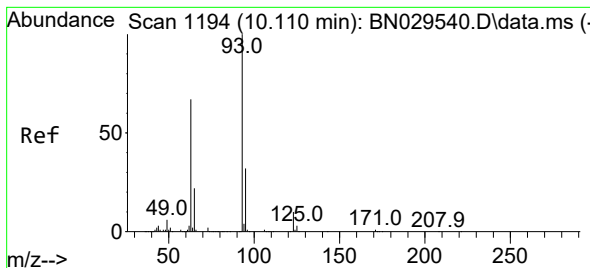
Tgt Ion:139 Resp: 133966
Ion Ratio Lower Upper
139 100
65 56.7 46.6 70.0
109 32.4 27.0 40.4



#26
2,4-Dimethylphenol
Concen: 15.190 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:107 Resp: 242688
Ion Ratio Lower Upper
107 100
121 46.9 40.0 60.0
122 81.6 67.6 101.4

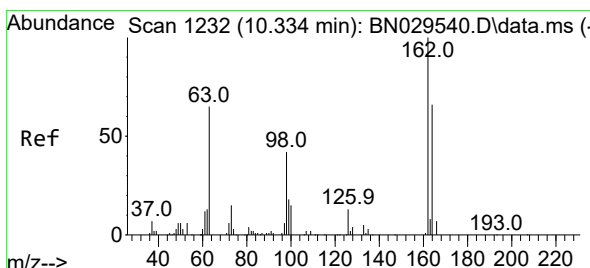
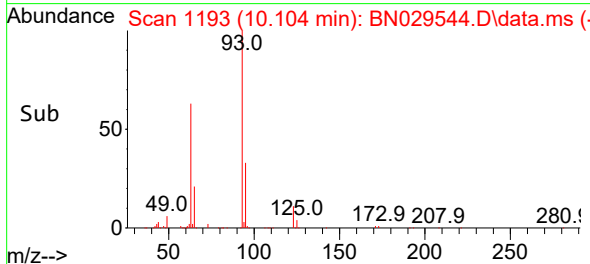
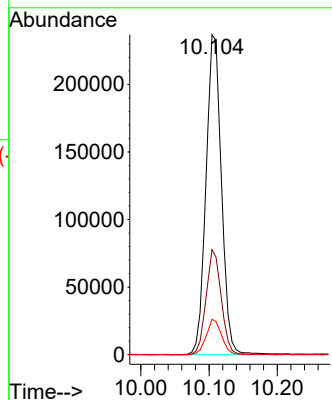
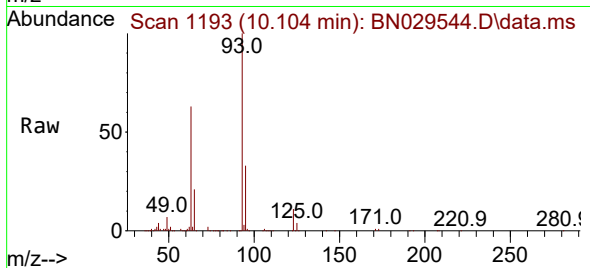




#27
Bis(2-Chloroethoxy)methane
Concen: 17.815 ng/ul
RT: 10.104 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

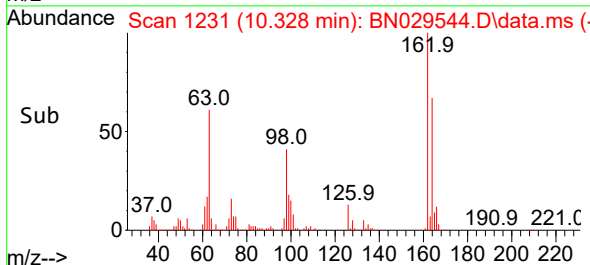
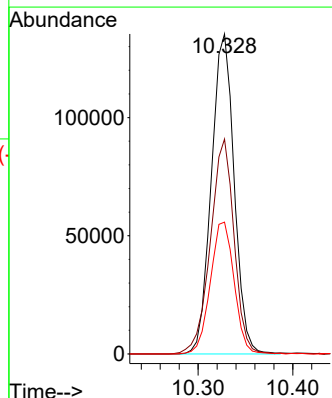
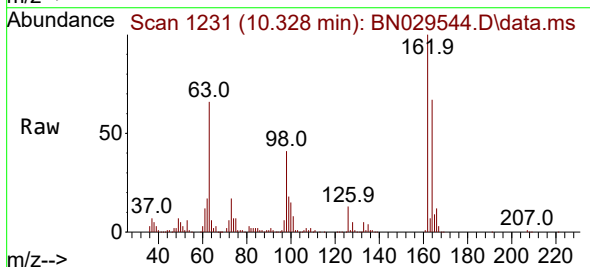
Instrument :
BNA_N
ClientSampleId :
SICV238

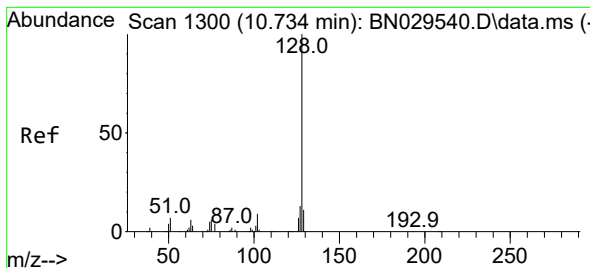
Tgt Ion: 93 Resp: 374555
Ion Ratio Lower Upper
93 100
95 32.8 25.7 38.5
123 11.1 8.2 12.2



#29
2,4-Dichlorophenol
Concen: 19.000 ng/ul
RT: 10.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion: 162 Resp: 226231
Ion Ratio Lower Upper
162 100
164 67.2 53.3 79.9
98 41.2 33.8 50.8





#30

Naphthalene

Concen: 17.832 ng/ul

RT: 10.728 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

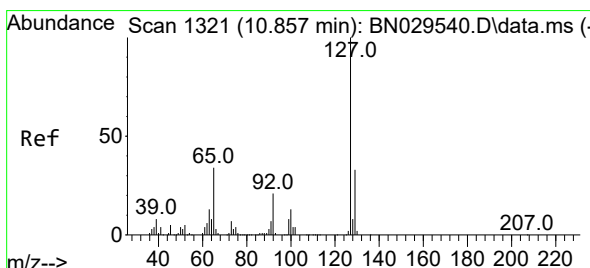
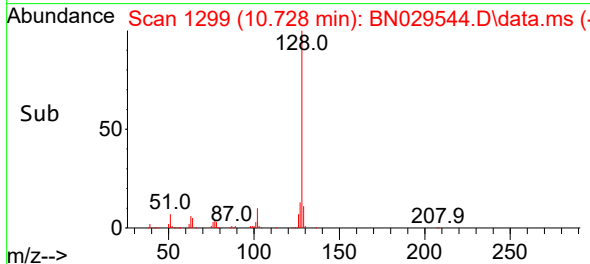
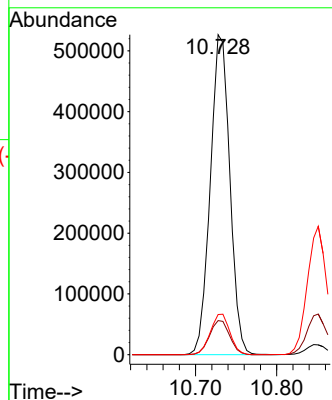
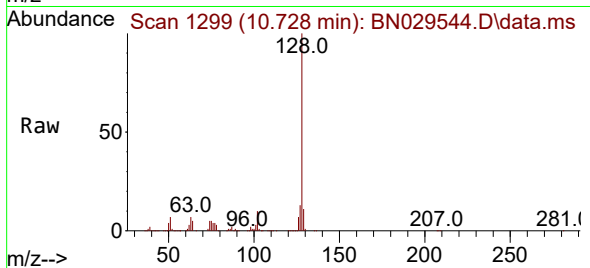
Tgt Ion:128 Resp: 880287

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

127 12.6 10.4 15.6



#32

4-Chloroaniline

Concen: 18.170 ng/ul

RT: 10.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BN029544.D

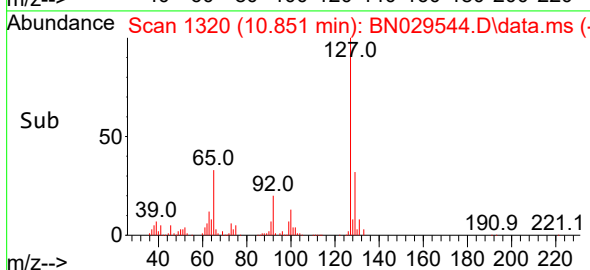
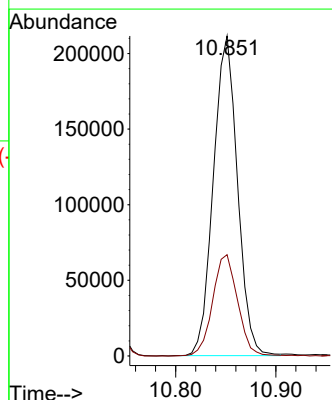
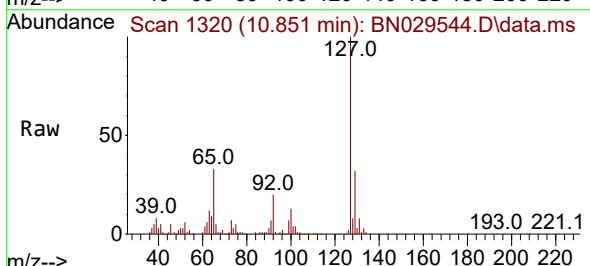
Acq: 07 Feb 2024 13:24

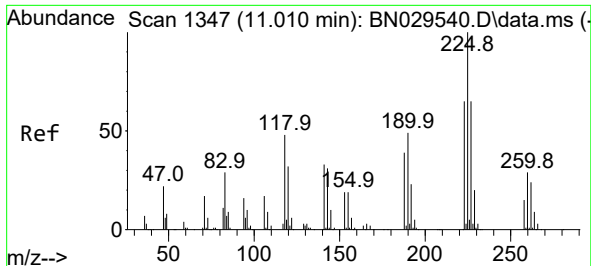
Tgt Ion:127 Resp: 352618

Ion Ratio Lower Upper

127 100

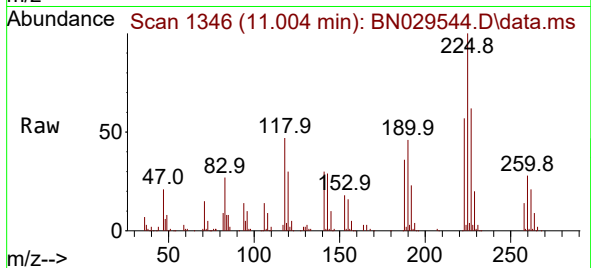
129 31.7 26.4 39.6



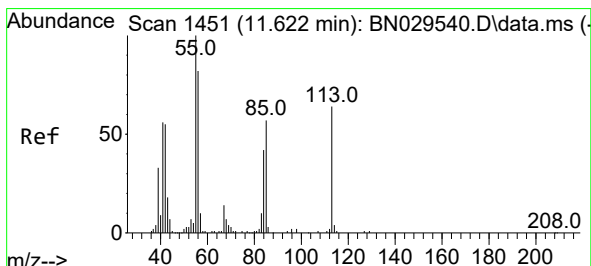
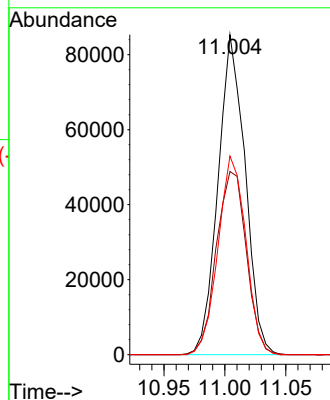
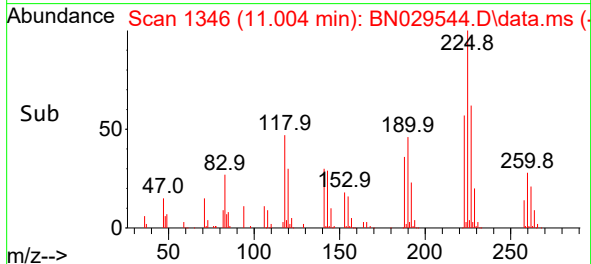


#33
Hexachlorobutadiene
Concen: 18.014 ng/ul
RT: 11.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Instrument :
BNA_N
ClientSampleId :
SICV238

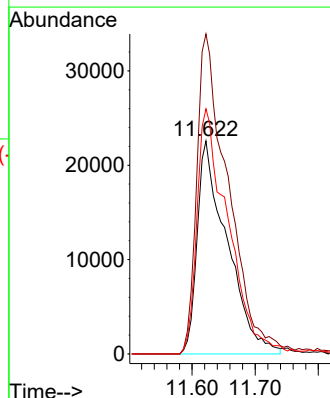
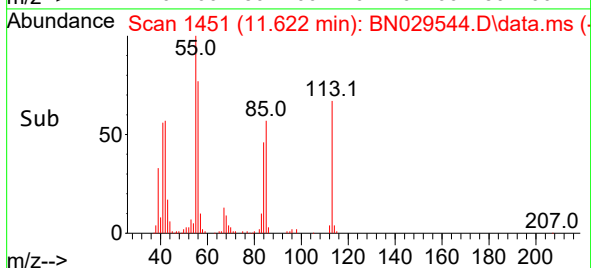
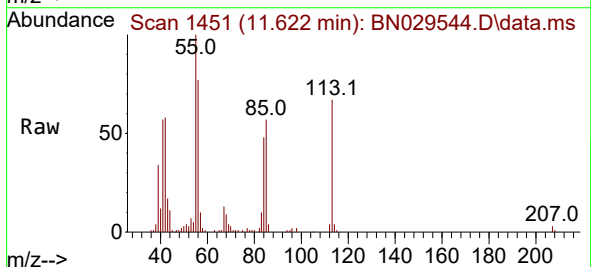


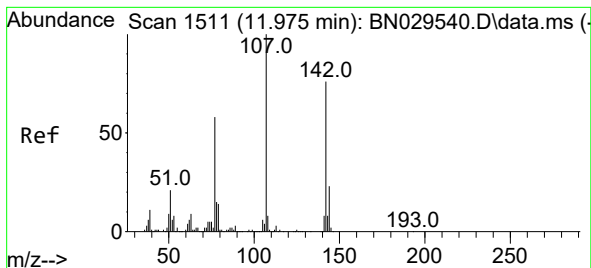
Tgt Ion:225 Resp: 132377
Ion Ratio Lower Upper
225 100
223 57.3 51.6 77.4
227 62.1 52.2 78.2



#34
Caprolactam
Concen: 18.735 ng/ul
RT: 11.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:113 Resp: 74230
Ion Ratio Lower Upper
113 100
55 150.2 125.3 187.9
56 115.1 103.4 155.0

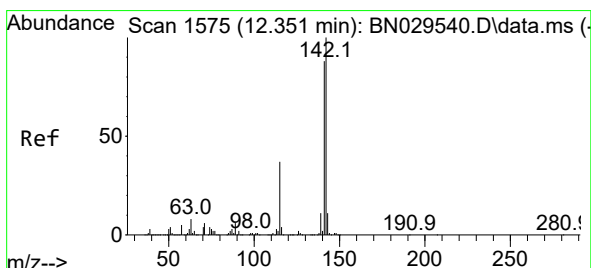
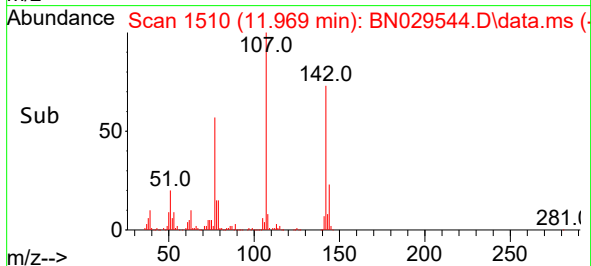
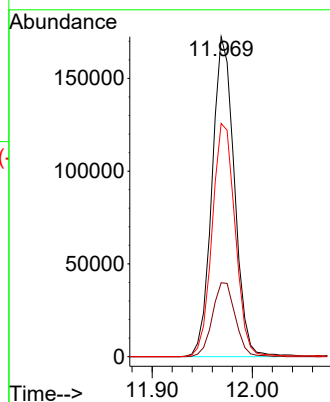
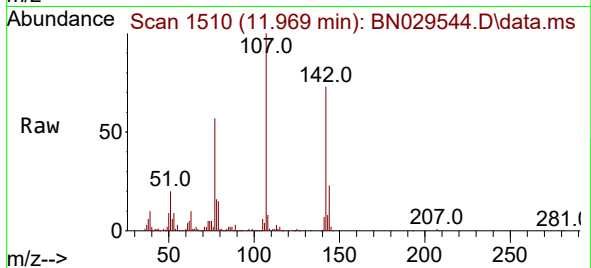




#35
4-Chloro-3-methylphenol
Concen: 19.389 ng/ul
RT: 11.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

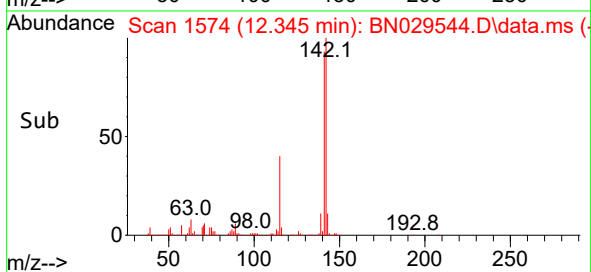
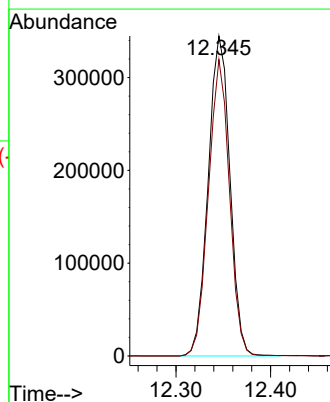
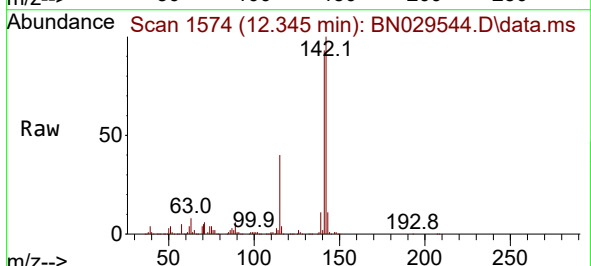
Instrument :
BNA_N
ClientSampleId :
SICV238

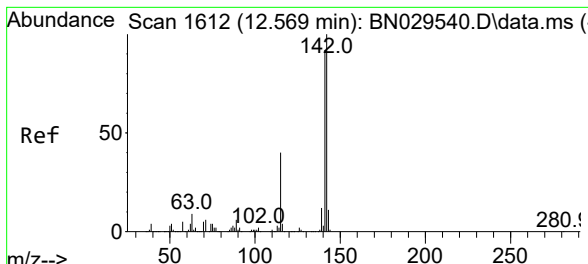
Tgt Ion:107 Resp: 266657
Ion Ratio Lower Upper
107 100
144 23.1 18.8 28.2
142 72.9 60.6 90.8



#36
2-Methylnaphthalene
Concen: 18.211 ng/ul
RT: 12.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:142 Resp: 551083
Ion Ratio Lower Upper
142 100
141 92.6 70.4 105.6

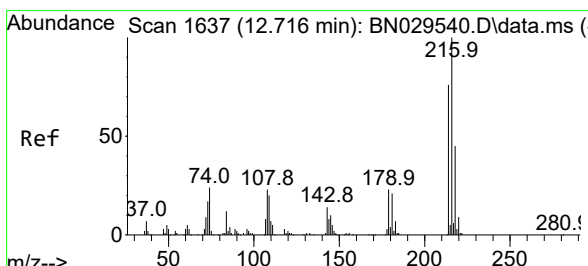
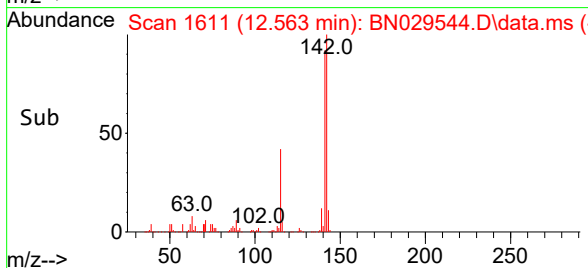
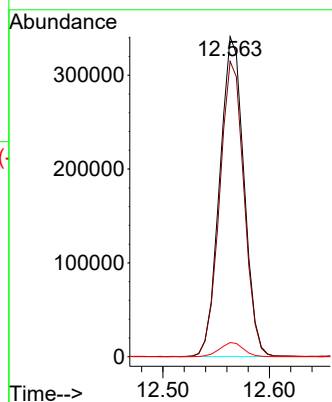
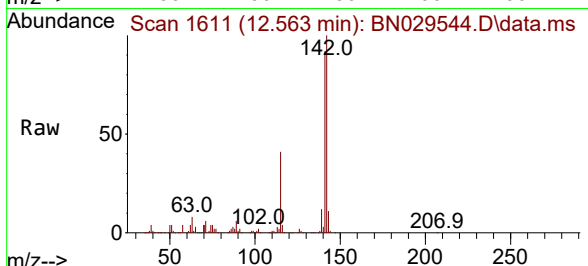




#37
1-Methylnaphthalene
Concen: 17.946 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

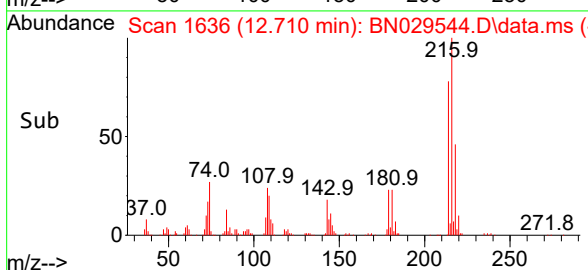
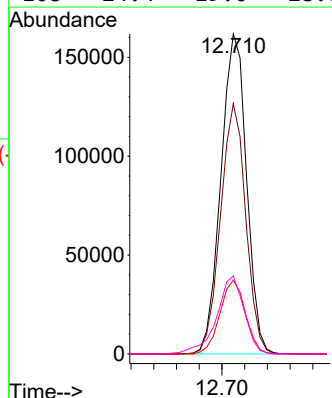
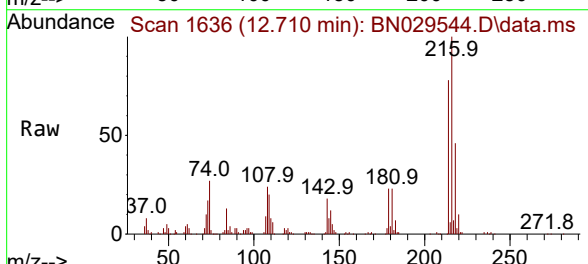
Instrument :
BNA_N
ClientSampleId :
SICV238

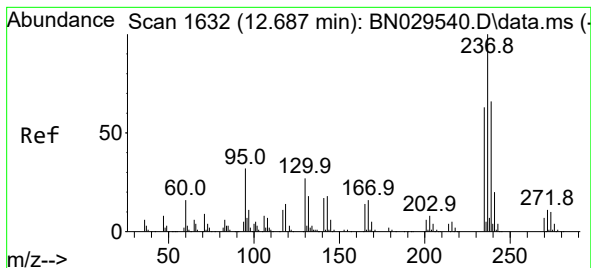
Tgt Ion:142 Resp: 538402
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8
116 4.4 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.516 ng/ul
RT: 12.710 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:216 Resp: 253563
Ion Ratio Lower Upper
216 100
214 78.3 60.4 90.6
179 23.1 18.6 28.0
108 24.4 19.0 28.6





#40

Hexachlorocyclopentadiene

Concen: 14.918 ng/ul

RT: 12.681 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

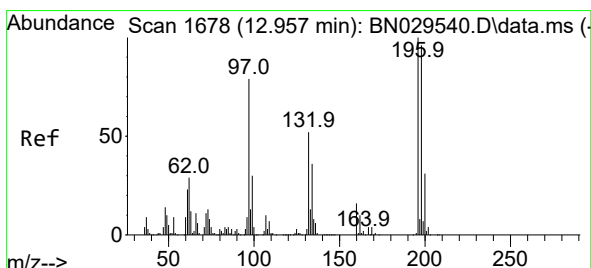
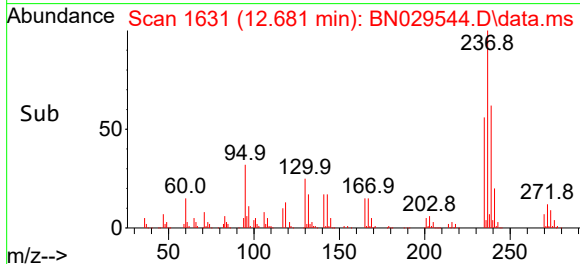
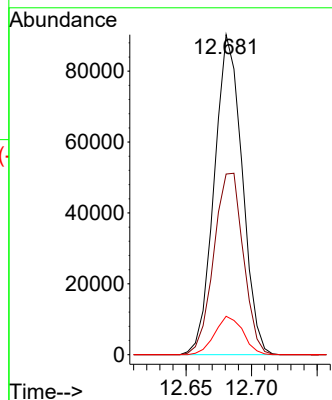
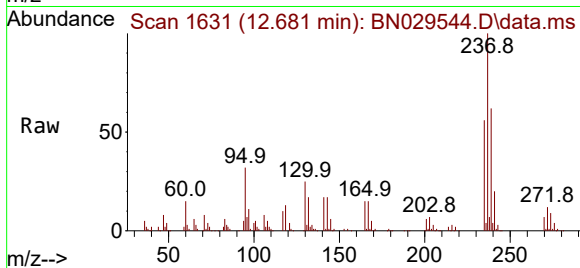
Tgt Ion:237 Resp: 133533

Ion Ratio Lower Upper

237 100

235 56.5 50.2 75.4

272 12.8 9.5 14.3



#41

2,4,6-Trichlorophenol

Concen: 18.896 ng/ul

RT: 12.957 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

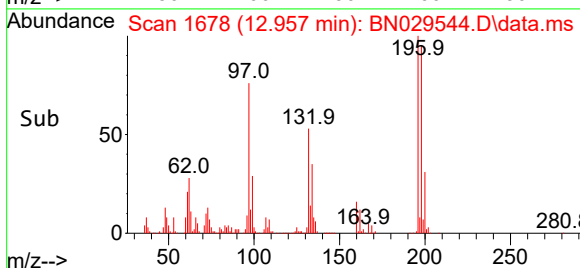
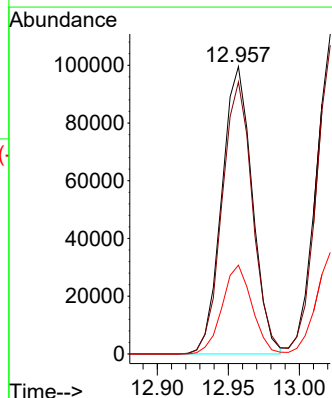
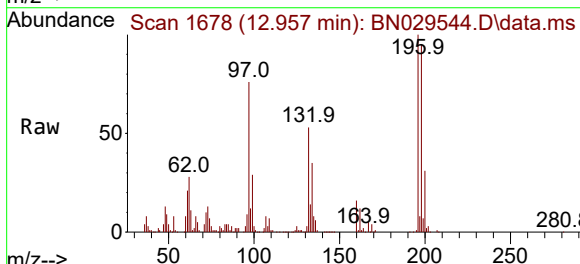
Tgt Ion:196 Resp: 149155

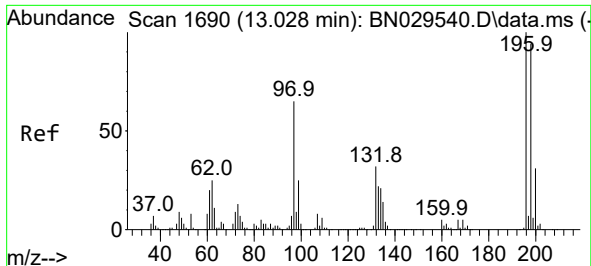
Ion Ratio Lower Upper

196 100

198 94.7 76.8 115.2

200 30.9 24.6 37.0





#42

2,4,5-Trichlorophenol

Concen: 18.815 ng/ul

RT: 13.022 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

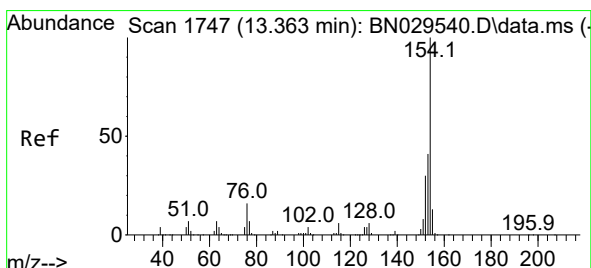
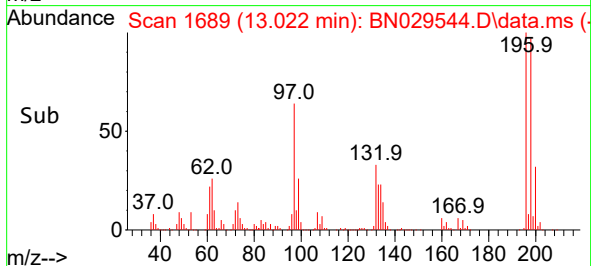
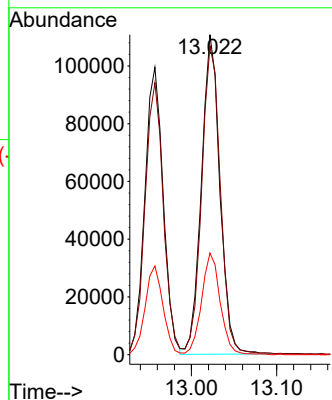
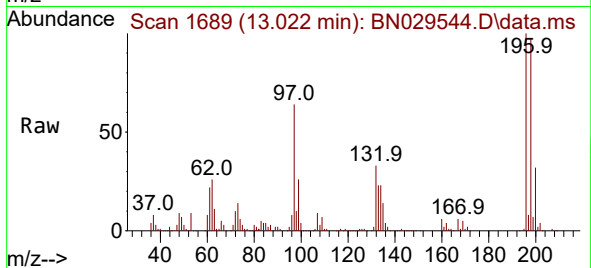
Tgt Ion:196 Resp: 166879

Ion Ratio Lower Upper

196 100

198 96.5 75.3 112.9

200 31.7 24.7 37.1



#43

1,1'-Biphenyl

Concen: 18.479 ng/ul

RT: 13.363 min Scan# 1747

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

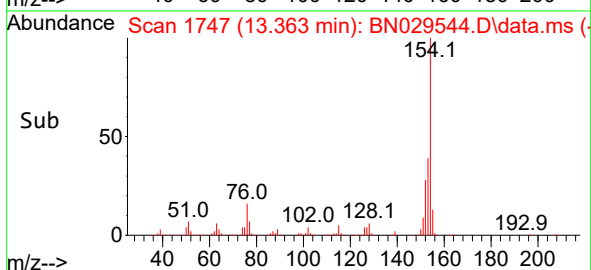
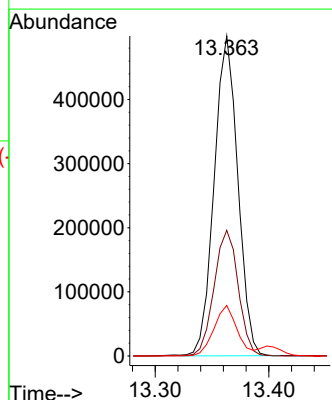
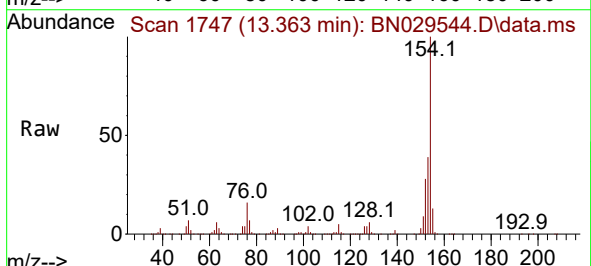
Tgt Ion:154 Resp: 720004

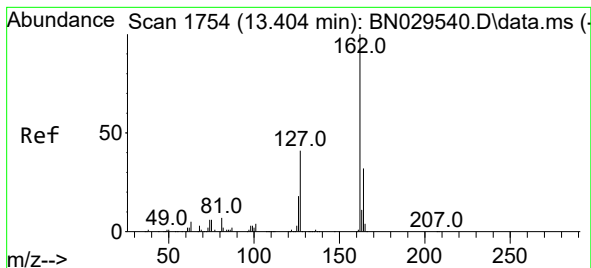
Ion Ratio Lower Upper

154 100

153 39.2 32.8 49.2

76 15.8 12.9 19.3





#44

2-Chloronaphthalene

Concen: 17.823 ng/ul

RT: 13.404 min Scan# 1754

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

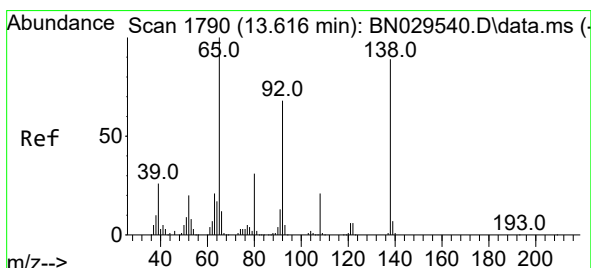
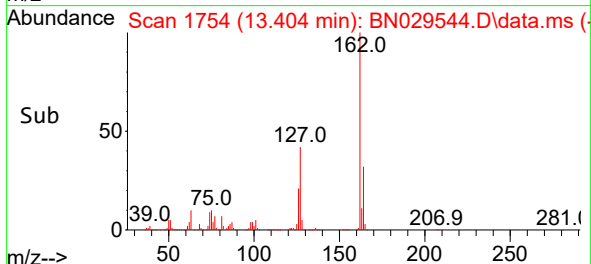
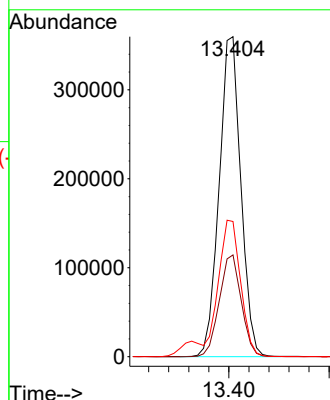
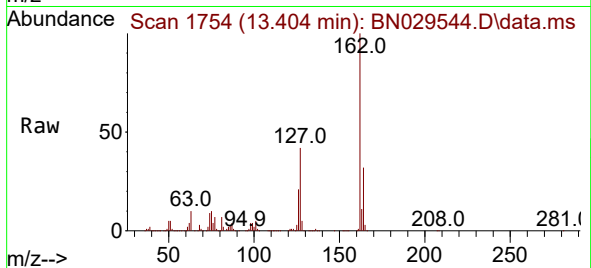
Tgt Ion:162 Resp: 539723

Ion Ratio Lower Upper

162 100

164 31.8 25.5 38.3

127 42.2 35.7 53.5



#45

2-Nitroaniline

Concen: 19.467 ng/ul

RT: 13.616 min Scan# 1790

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

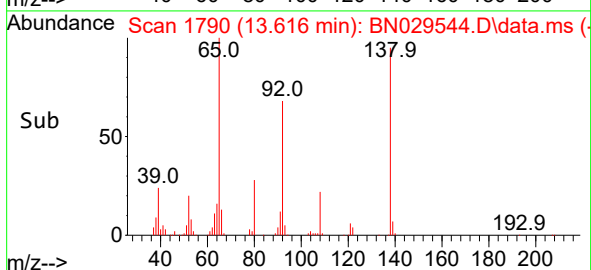
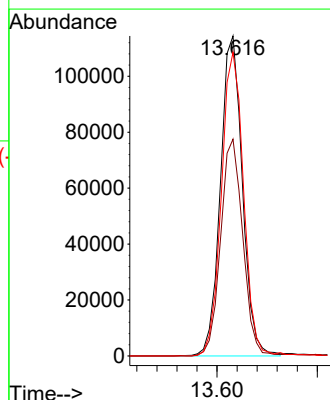
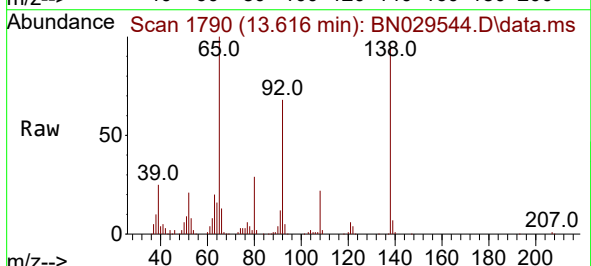
Tgt Ion: 65 Resp: 173316

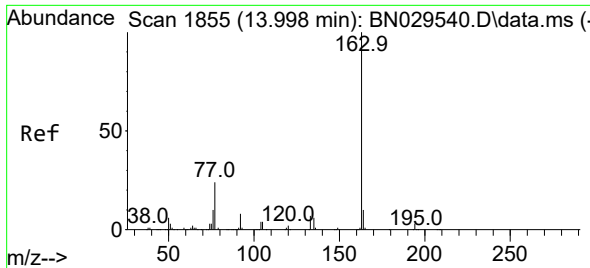
Ion Ratio Lower Upper

65 100

92 67.8 54.3 81.5

138 94.9 71.2 106.8

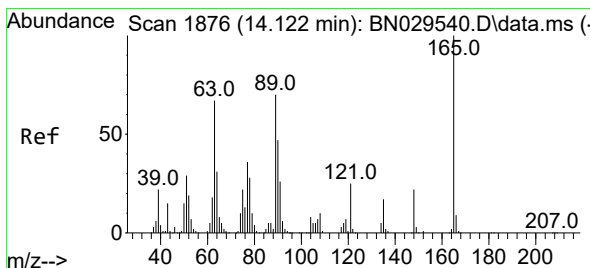
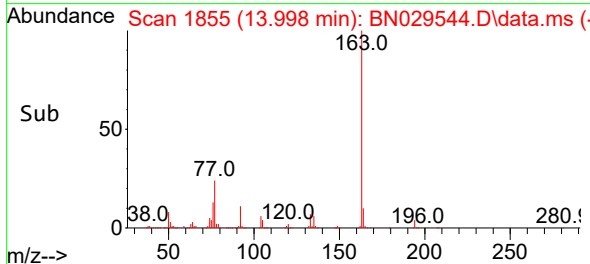
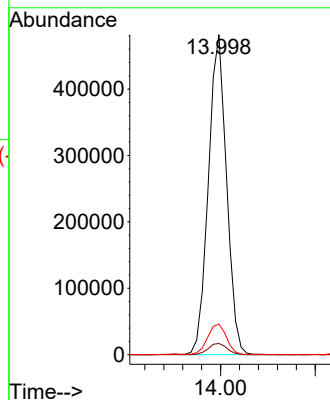
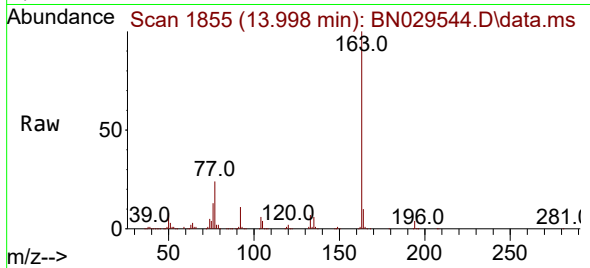




#47
Dimethylphthalate
Concen: 18.229 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

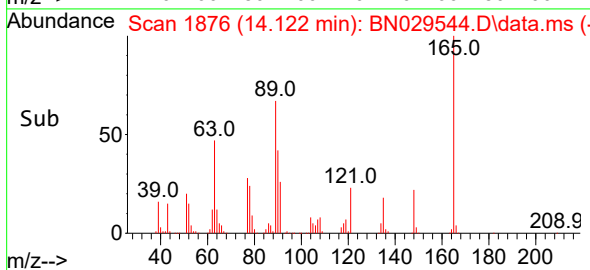
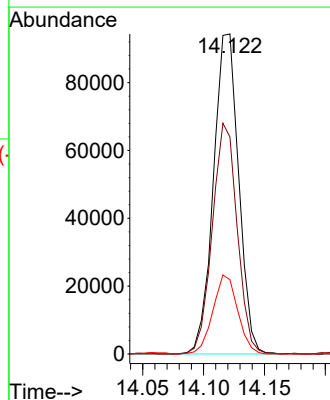
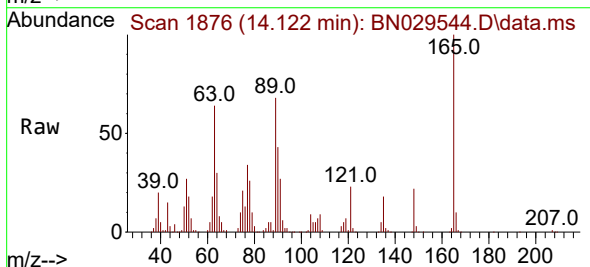
Instrument :
BNA_N
ClientSampleId :
SICV238

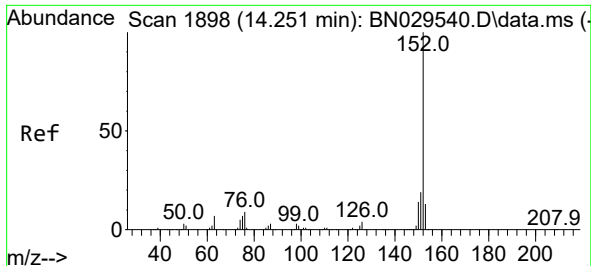
Tgt Ion:163 Resp: 641855
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.5 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 21.619 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:165 Resp: 136209
Ion Ratio Lower Upper
165 100
89 67.8 55.8 83.8
121 23.2 19.8 29.6

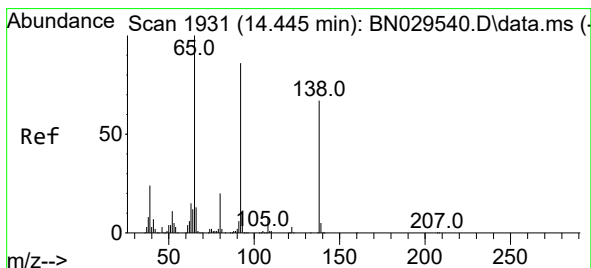
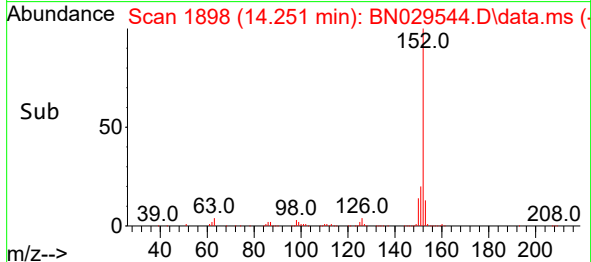
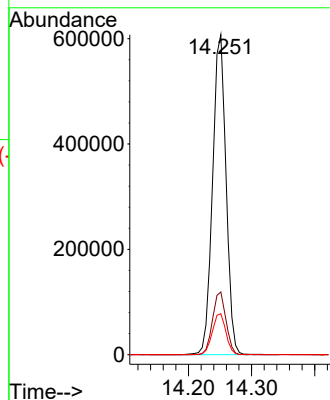
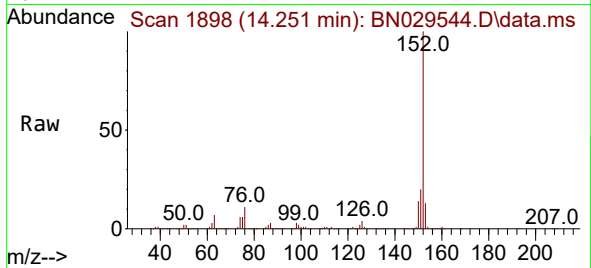




#50
Acenaphthylene
Concen: 18.355 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

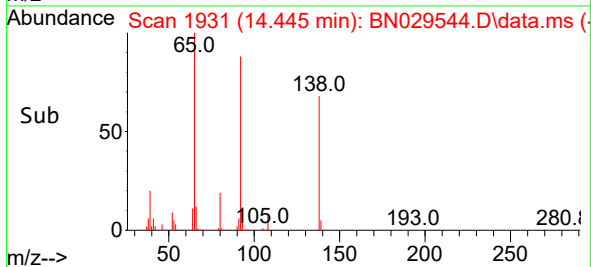
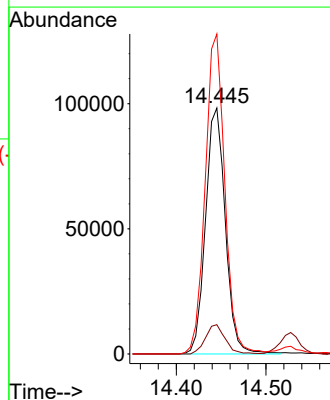
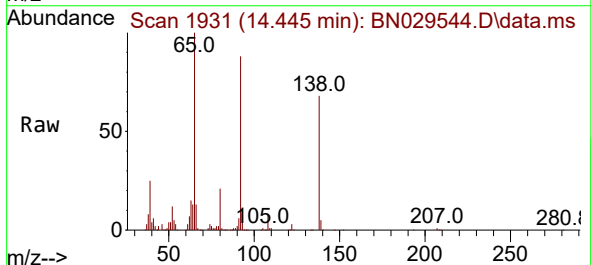
Instrument :
BNA_N
ClientSampleId :
SICV238

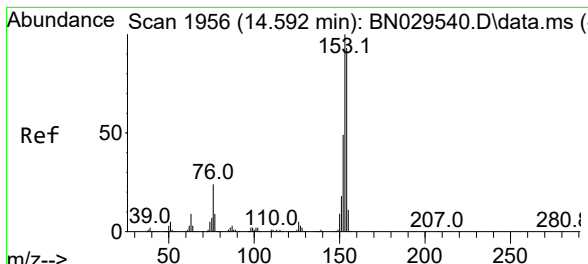
Tgt Ion:152 Resp: 899839
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 12.8 10.5 15.7



#51
3-Nitroaniline
Concen: 20.538 ng/ul
RT: 14.445 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:138 Resp: 150604
Ion Ratio Lower Upper
138 100
108 11.9 9.4 14.2
92 130.1 102.7 154.1

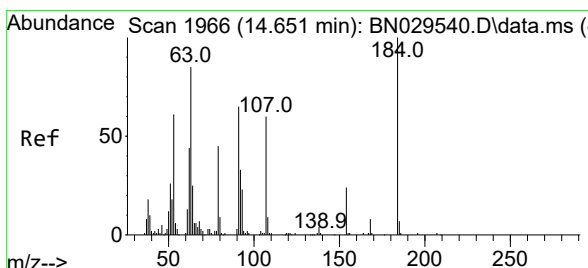
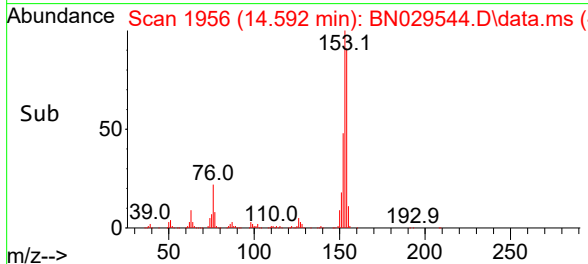
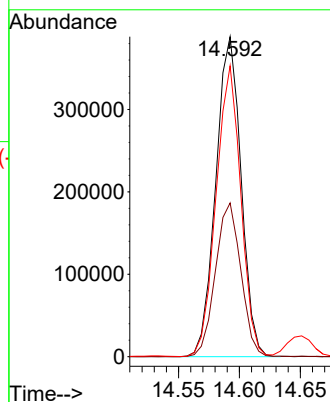
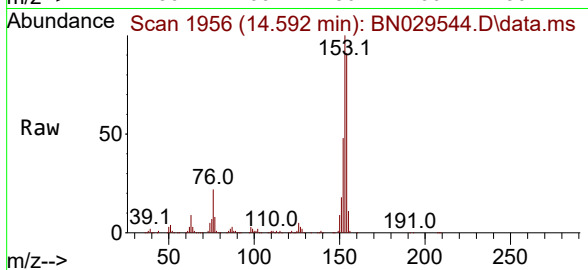




#52
Acenaphthene
Concen: 17.325 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

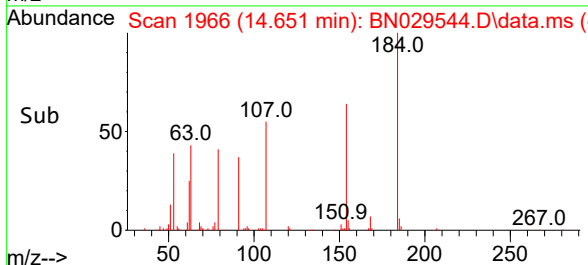
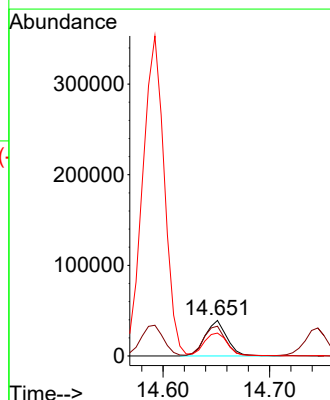
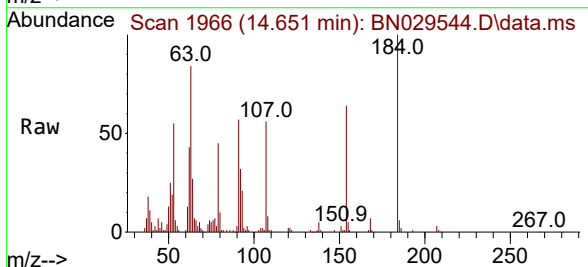
Instrument :
BNA_N
ClientSampleId :
SICV238

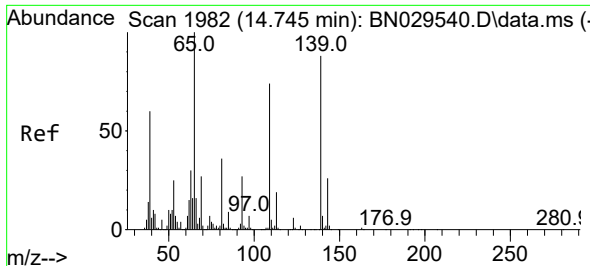
Tgt Ion:153 Resp: 561072
Ion Ratio Lower Upper
153 100
152 48.0 39.2 58.8
154 90.9 74.6 111.8



#53
2,4-Dinitrophenol
Concen: 17.408 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:184 Resp: 55660
Ion Ratio Lower Upper
184 100
63 83.8 71.2 106.8
154 64.4 58.8 88.2

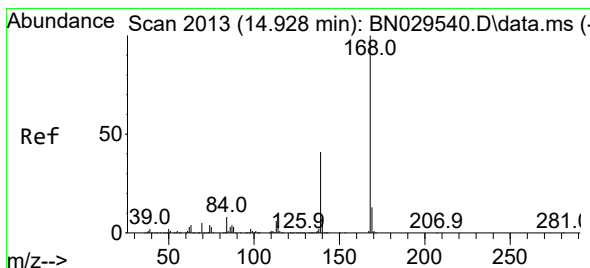
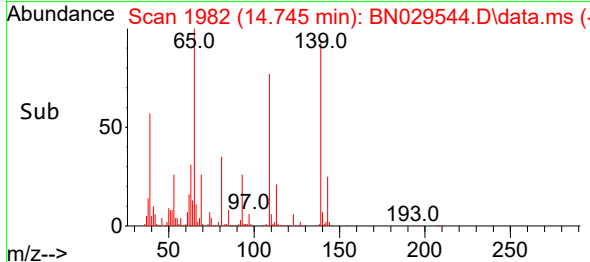
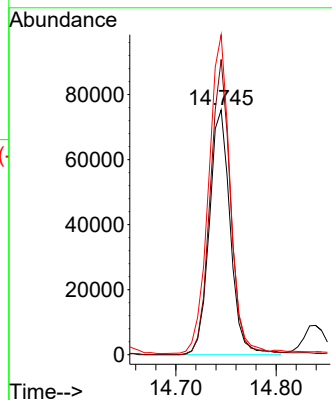
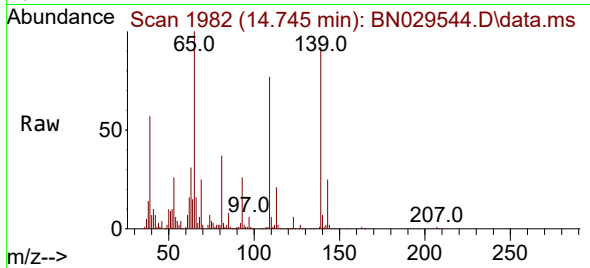




#55
4-Nitrophenol
Concen: 18.389 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

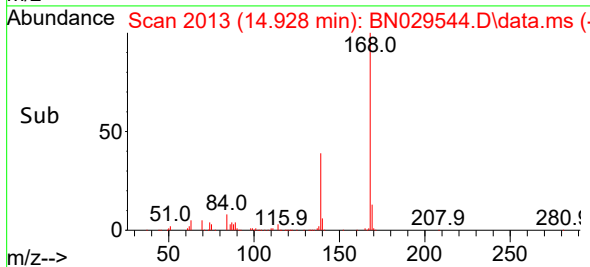
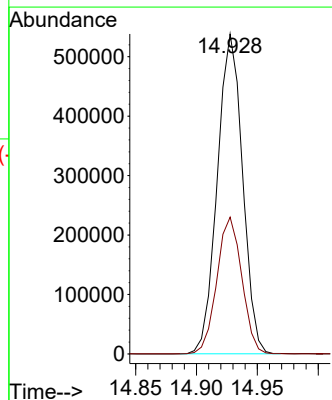
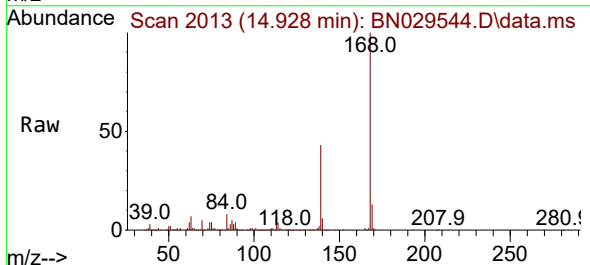
Instrument :
BNA_N
ClientSampleId :
SICV238

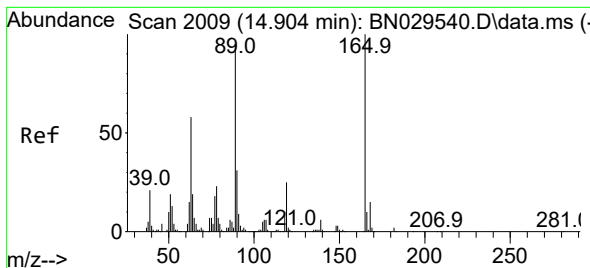
Tgt Ion:109 Resp: 109777
Ion Ratio Lower Upper
109 100
139 120.6 94.6 142.0
65 130.7 108.5 162.7



#56
Dibenzofuran
Concen: 18.157 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:168 Resp: 776469
Ion Ratio Lower Upper
168 100
139 42.8 32.8 49.2

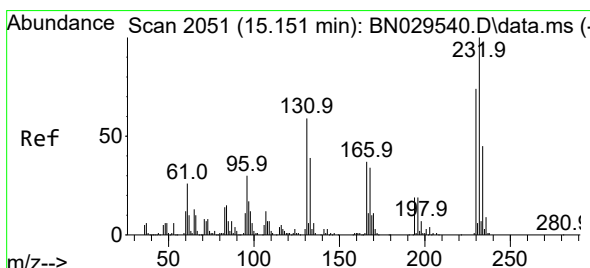
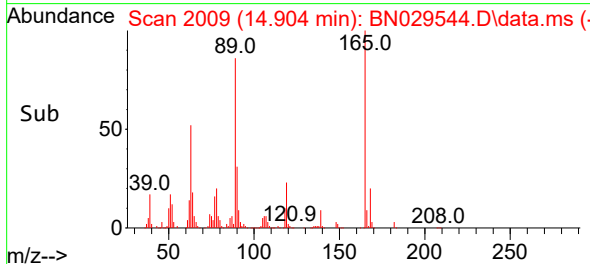
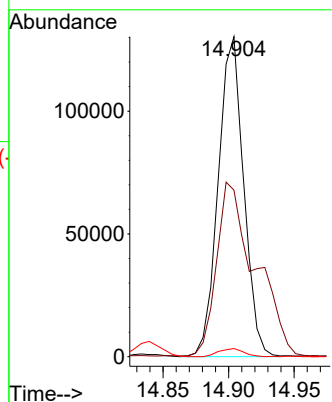
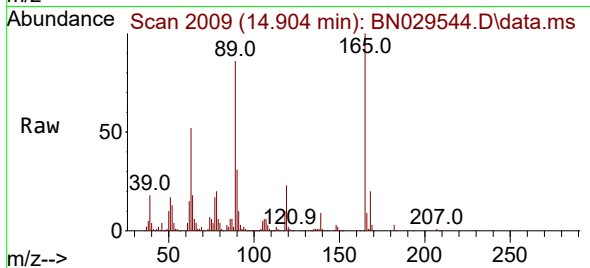




#57
2,4-Dinitrotoluene
Concen: 19.820 ng/ul
RT: 14.904 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

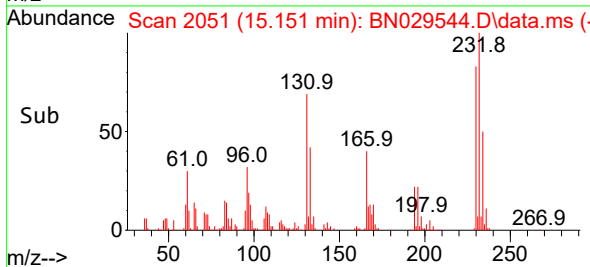
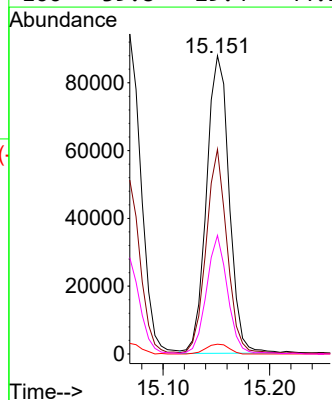
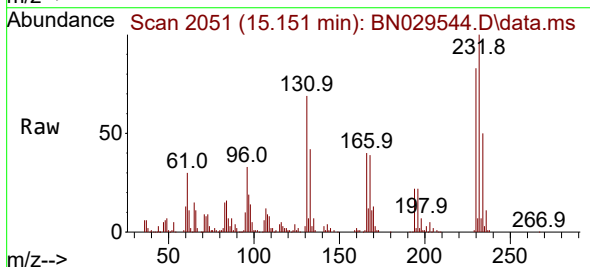
Instrument :
BNA_N
ClientSampleId :
SICV238

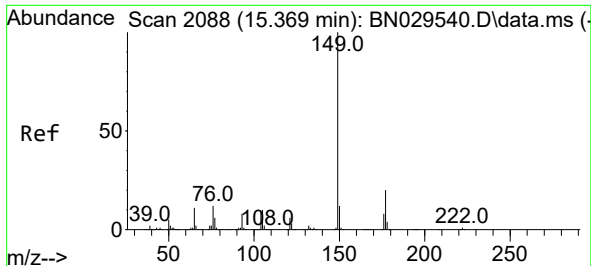
Tgt Ion:165 Resp: 175814
Ion Ratio Lower Upper
165 100
63 52.1 46.7 70.1
182 2.5 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.669 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:232 Resp: 130104
Ion Ratio Lower Upper
232 100
131 68.6 46.9 70.3
130 3.3 2.6 4.0
166 39.8 29.4 44.2





#59

Diethylphthalate

Concen: 18.334 ng/ul

RT: 15.363 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

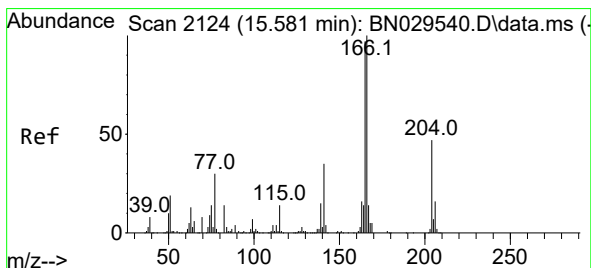
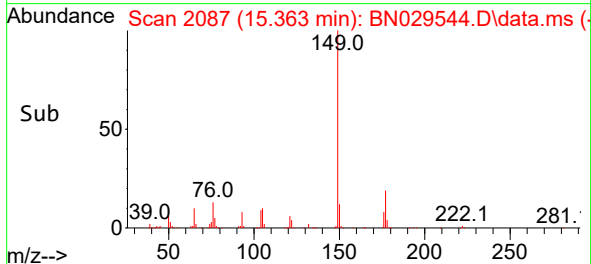
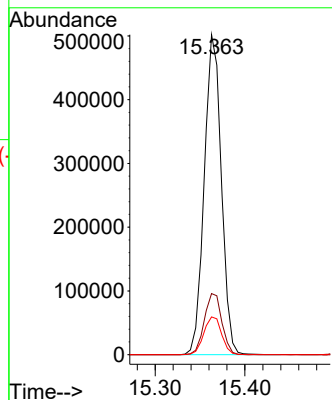
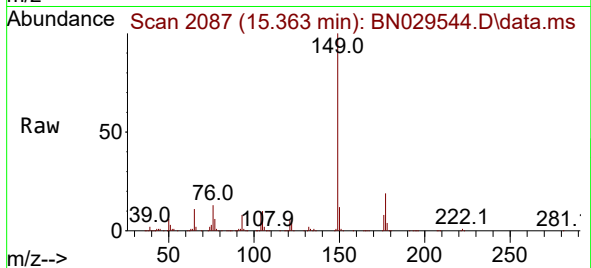
Tgt Ion:149 Resp: 663095

Ion Ratio Lower Upper

149 100

177 19.1 15.8 23.6

150 11.8 9.6 14.4



#61

Fluorene

Concen: 18.306 ng/ul

RT: 15.580 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

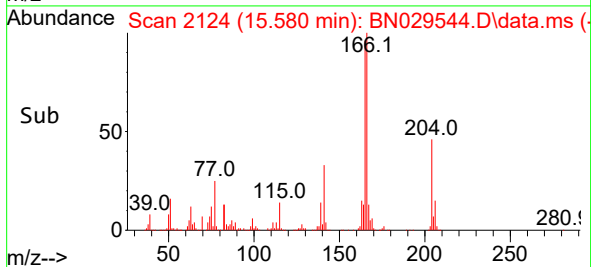
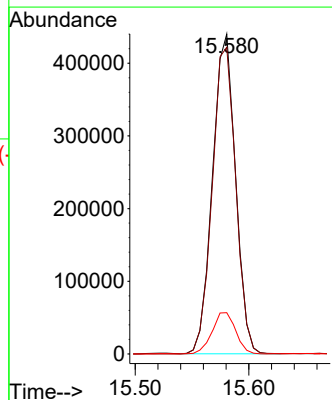
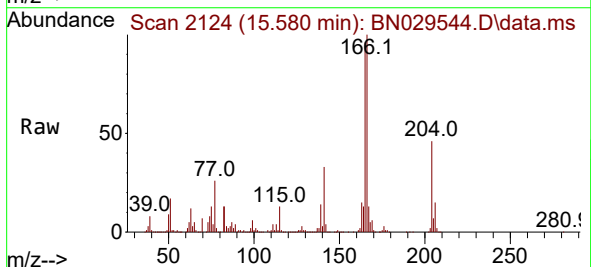
Tgt Ion:166 Resp: 618770

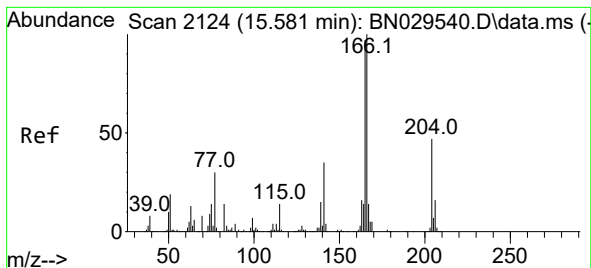
Ion Ratio Lower Upper

166 100

165 95.8 77.4 116.0

167 12.9 10.9 16.3

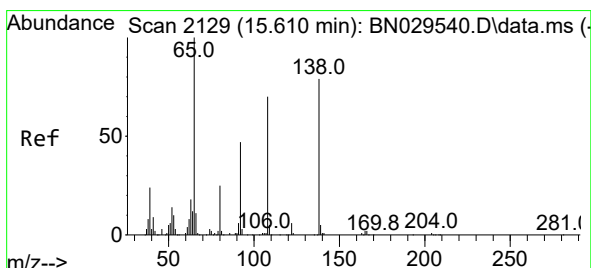
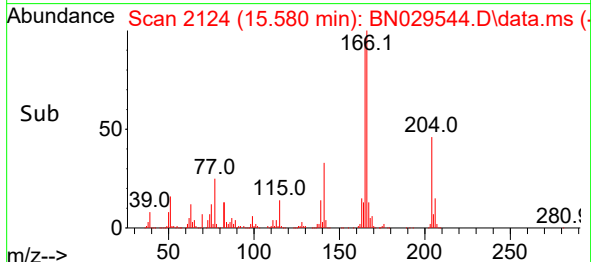
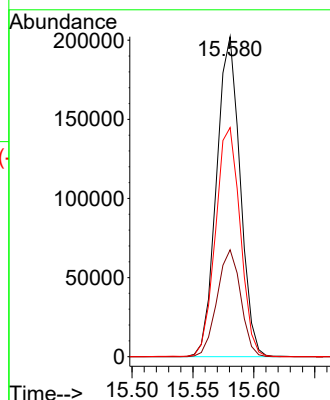
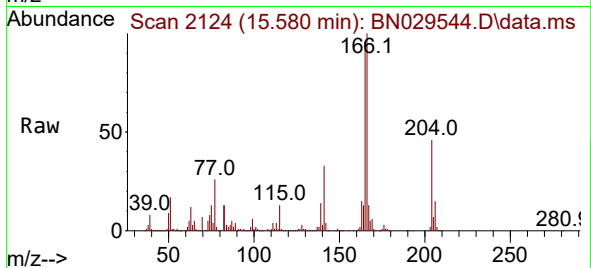




#62
4-Chlorophenyl-phenylether
Concen: 18.053 ng/ul
RT: 15.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

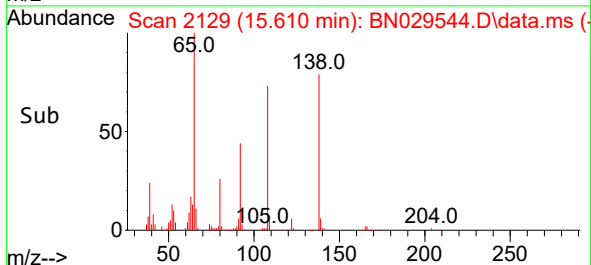
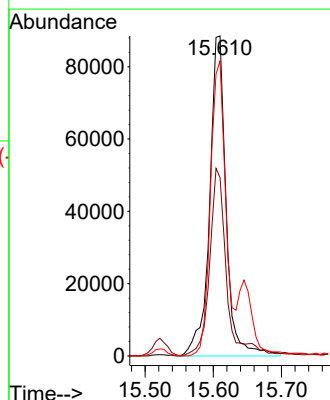
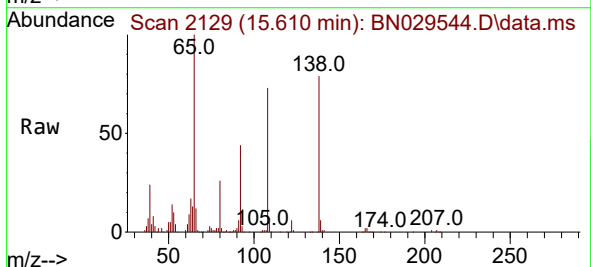
Instrument :
BNA_N
ClientSampleId :
SICV238

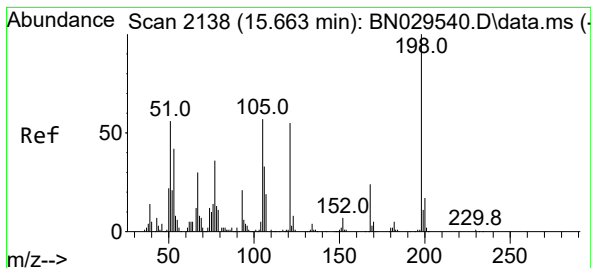
Tgt Ion:204 Resp: 272933
Ion Ratio Lower Upper
204 100
206 33.4 27.5 41.3
141 71.6 60.5 90.7



#63
4-Nitroaniline
Concen: 22.667 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:138 Resp: 150019
Ion Ratio Lower Upper
138 100
92 55.8 47.4 71.2
108 92.2 70.9 106.3

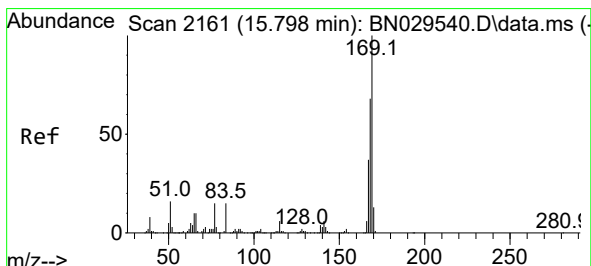
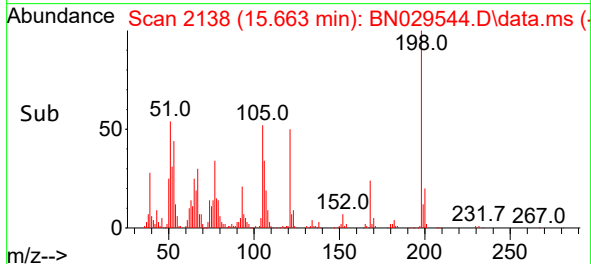
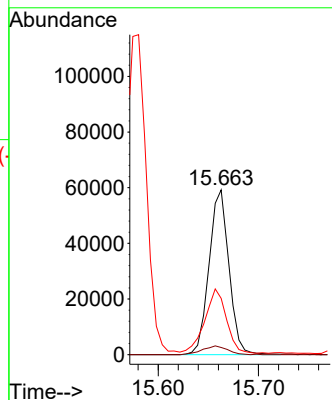
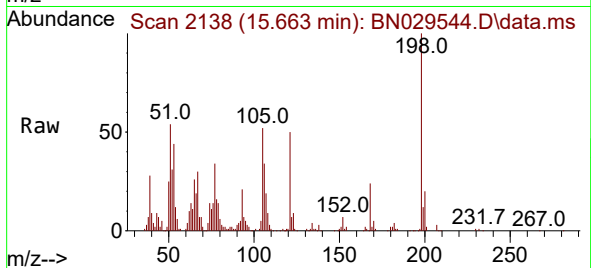




#66
 4,6-Dinitro-2-methylphenol
 Concen: 16.650 ng/ul
 RT: 15.663 min Scan# 2138
 Delta R.T. -0.000 min
 Lab File: BN029544.D
 Acq: 07 Feb 2024 13:24

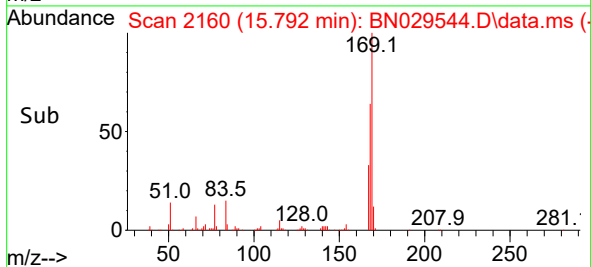
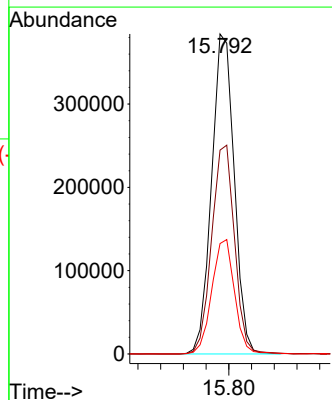
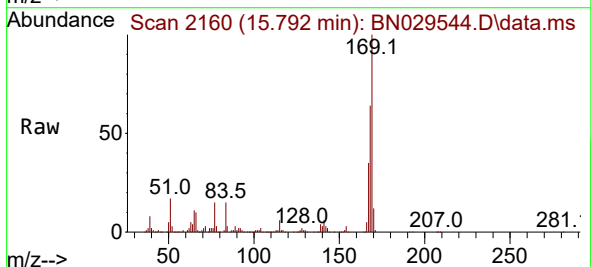
Instrument :
 BNA_N
 ClientSampleId :
 SICV238

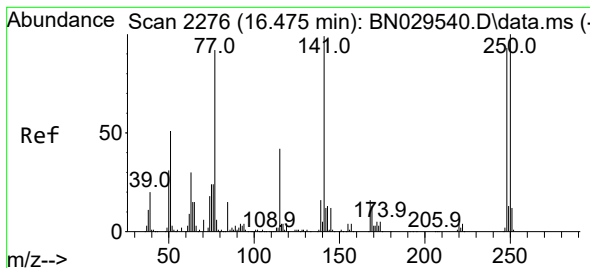
Tgt Ion:198 Resp: 81928
 Ion Ratio Lower Upper
 198 100
 182 4.4 3.9 5.9
 77 34.2 29.8 44.8



#67
 N-Nitrosodiphenylamine
 Concen: 18.606 ng/ul
 RT: 15.792 min Scan# 2160
 Delta R.T. -0.006 min
 Lab File: BN029544.D
 Acq: 07 Feb 2024 13:24

Tgt Ion:169 Resp: 531077
 Ion Ratio Lower Upper
 169 100
 168 63.7 54.5 81.7
 167 34.5 29.8 44.6

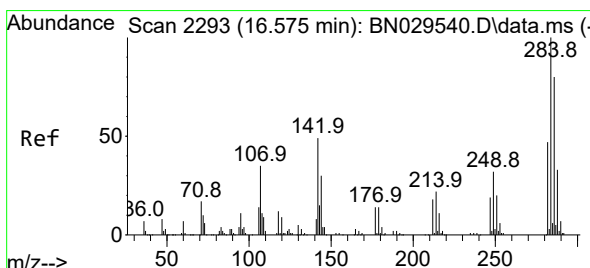
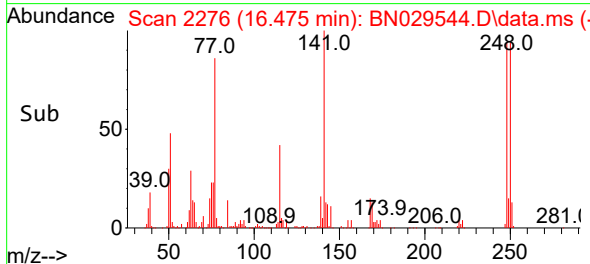
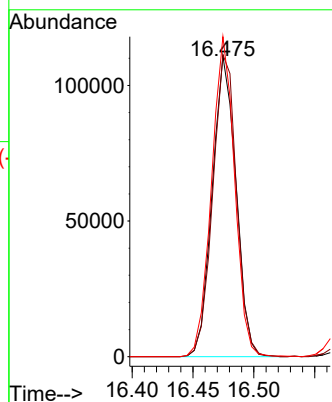
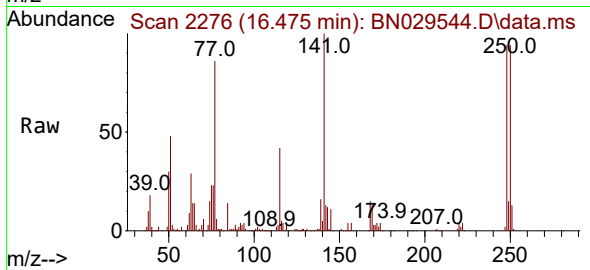




#68
4-Bromophenyl-phenylether
Concen: 17.315 ng/ul
RT: 16.475 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

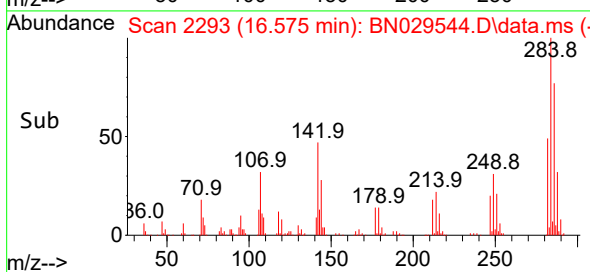
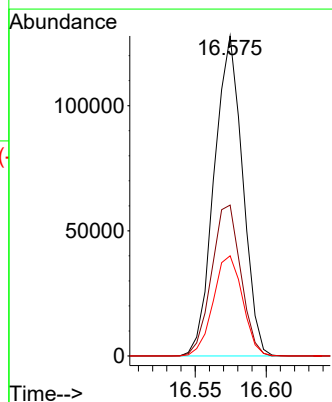
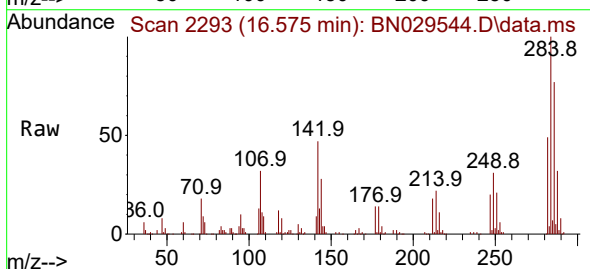
Instrument :
BNA_N
ClientSampleId :
SICV238

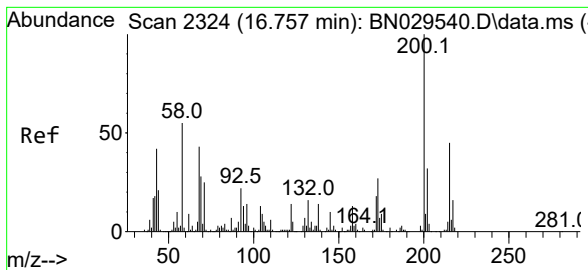
Tgt Ion:248 Resp: 150115
Ion Ratio Lower Upper
248 100
250 100.5 85.6 128.4
141 106.4 84.6 126.8



#69
Hexachlorobenzene
Concen: 18.202 ng/ul
RT: 16.575 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:284 Resp: 177875
Ion Ratio Lower Upper
284 100
142 47.2 39.2 58.8
249 31.3 25.7 38.5





#70

Atrazine

Concen: 17.844 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

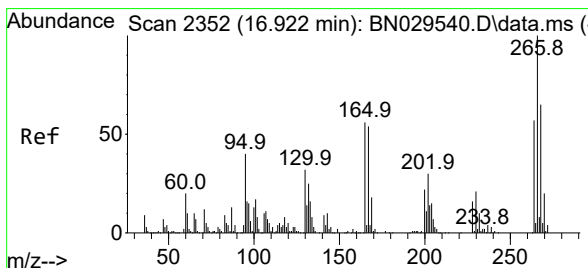
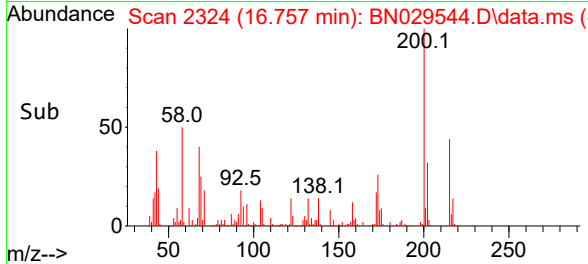
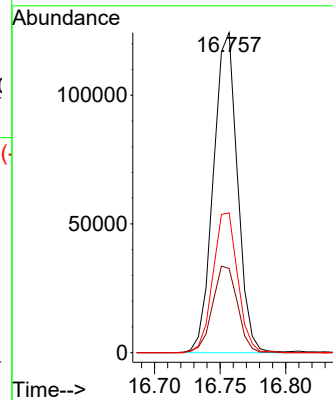
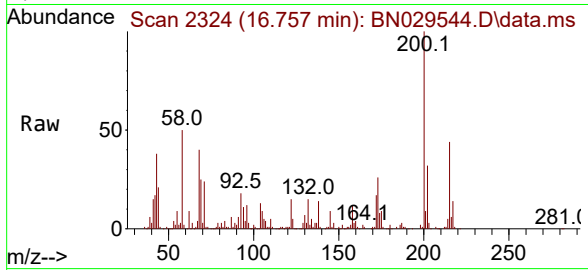
Tgt Ion:200 Resp: 159133

Ion Ratio Lower Upper

200 100

173 26.3 22.0 33.0

215 43.7 36.1 54.1



#71

Pentachlorophenol

Concen: 16.565 ng/ul

RT: 16.922 min Scan# 2352

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

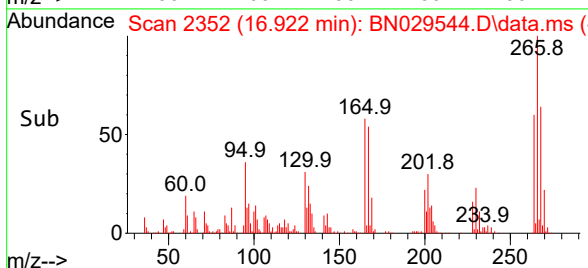
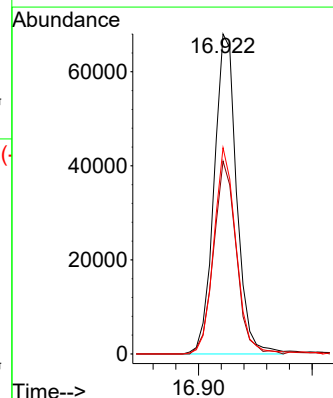
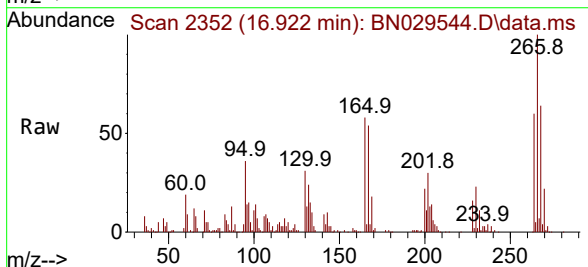
Tgt Ion:266 Resp: 94006

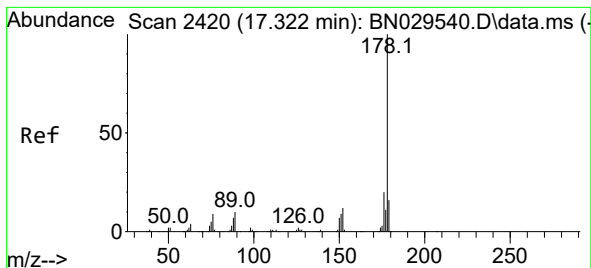
Ion Ratio Lower Upper

266 100

264 60.3 45.8 68.6

268 64.5 51.6 77.4





#72

Phenanthrene

Concen: 17.731 ng/uI

RT: 17.322 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

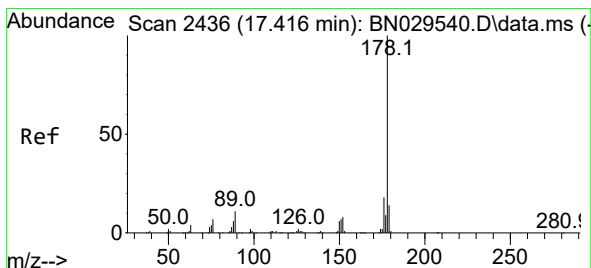
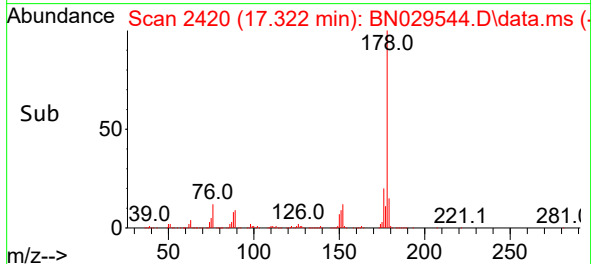
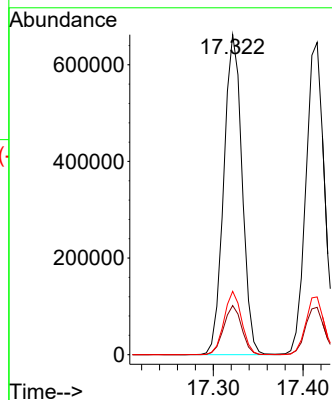
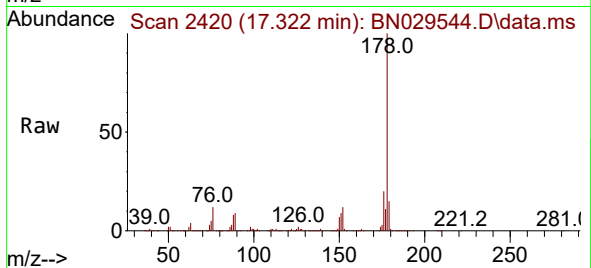
Tgt Ion:178 Resp: 939500

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 19.8 15.7 23.5



#74

Anthracene

Concen: 17.366 ng/uI

RT: 17.416 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

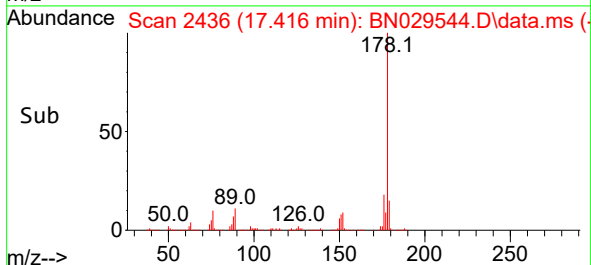
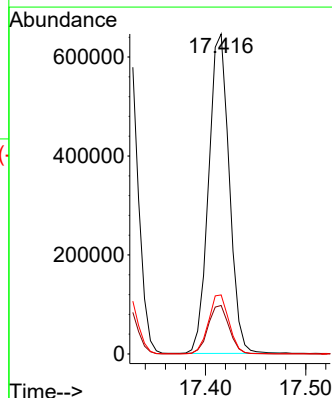
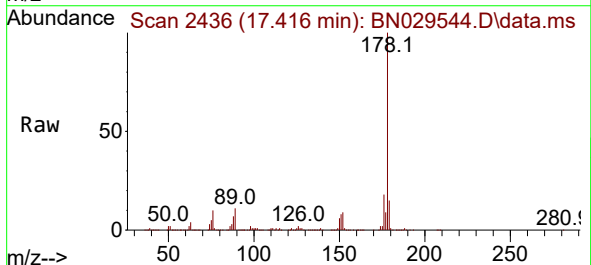
Tgt Ion:178 Resp: 923481

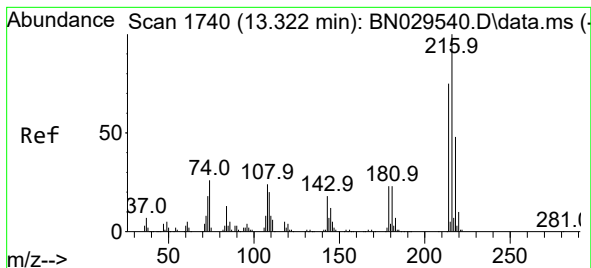
Ion Ratio Lower Upper

178 100

179 15.1 11.6 17.4

176 18.5 14.2 21.2

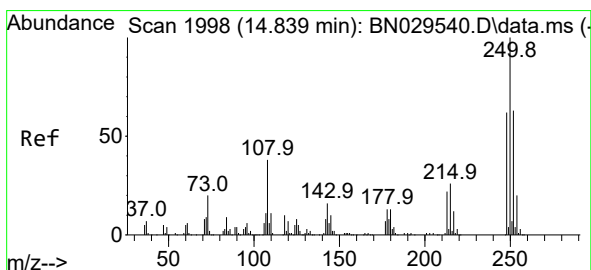
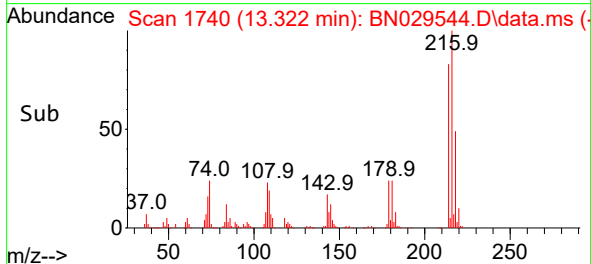
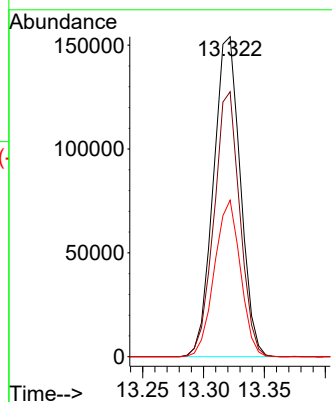
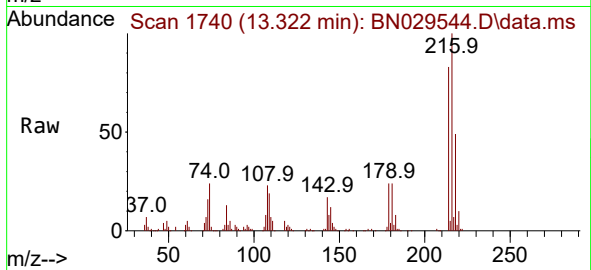




#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.637 ng/uL
RT: 13.322 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

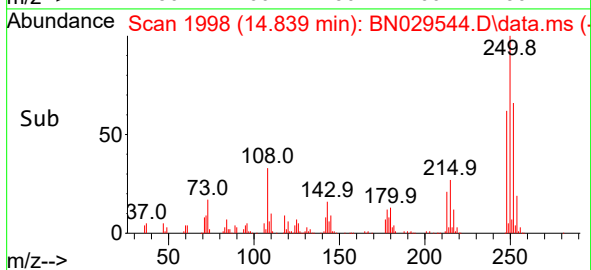
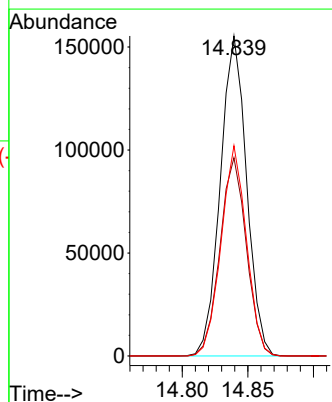
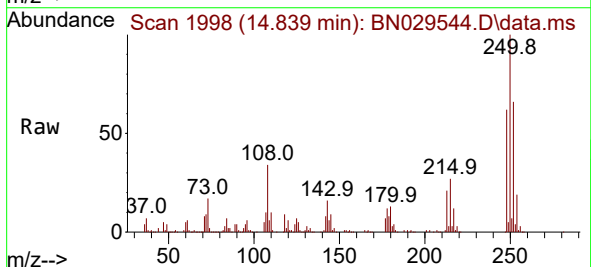
Instrument :
BNA_N
ClientSampleId :
SICV238

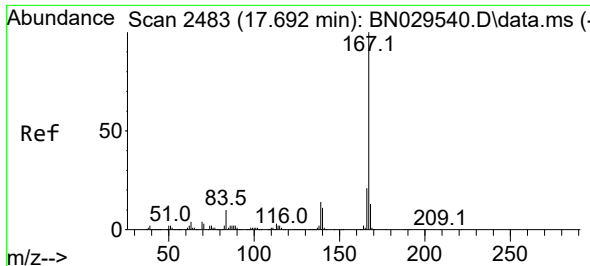
Tgt Ion:216 Resp: 237069
Ion Ratio Lower Upper
216 100
214 82.8 60.1 90.1
218 48.9 38.5 57.7



#76
Pentachlorobenzene
Concen: 17.984 ng/uL
RT: 14.839 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:250 Resp: 216447
Ion Ratio Lower Upper
250 100
248 62.0 49.8 74.8
252 65.7 50.5 75.7

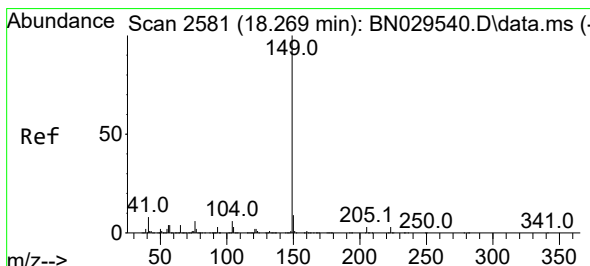
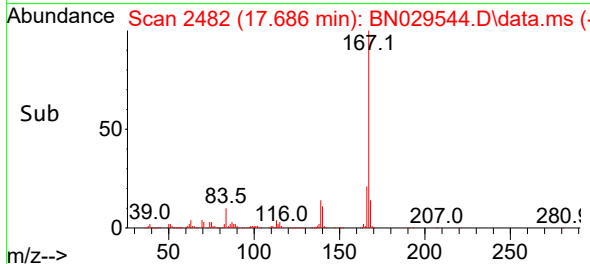
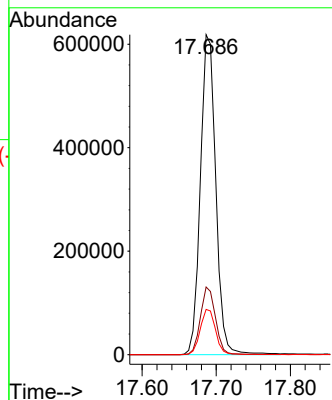
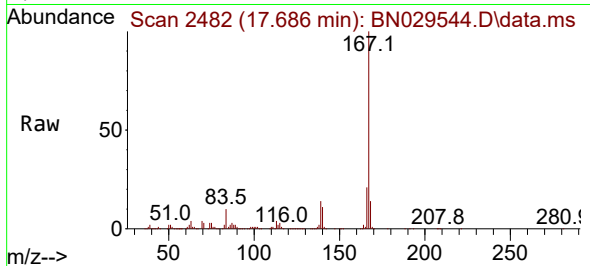




#77
Carbazole
Concen: 18.394 ng/ul
RT: 17.686 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

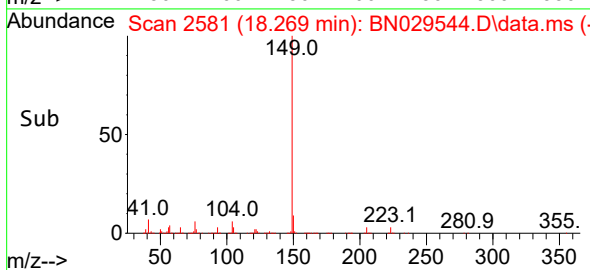
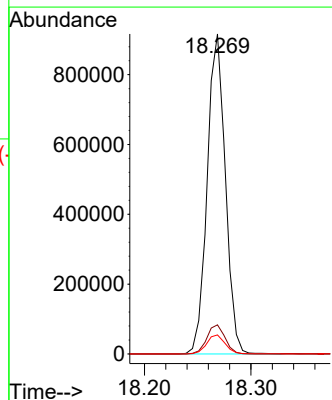
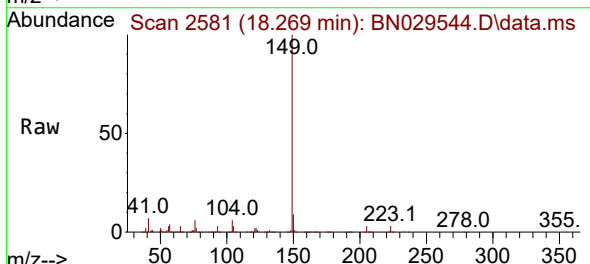
Instrument :
BNA_N
ClientSampleId :
SICV238

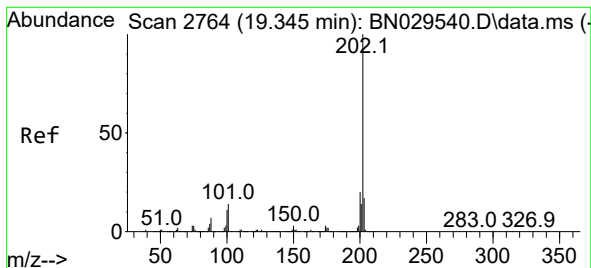
Tgt Ion:167 Resp: 893387
Ion Ratio Lower Upper
167 100
166 21.2 16.6 25.0
139 14.1 11.4 17.0



#78
Di-n-butylphthalate
Concen: 18.628 ng/ul
RT: 18.269 min Scan# 2581
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:149 Resp: 1087960
Ion Ratio Lower Upper
149 100
150 9.1 7.0 10.4
104 5.9 4.7 7.1





#80

Fluoranthene

Concen: 18.542 ng/ul

RT: 19.345 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

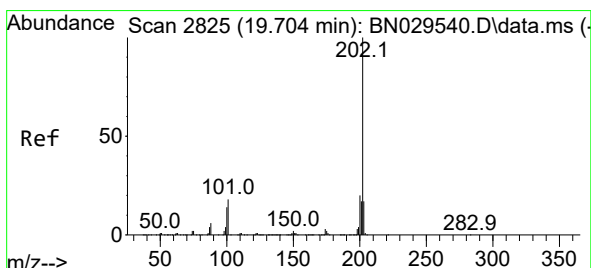
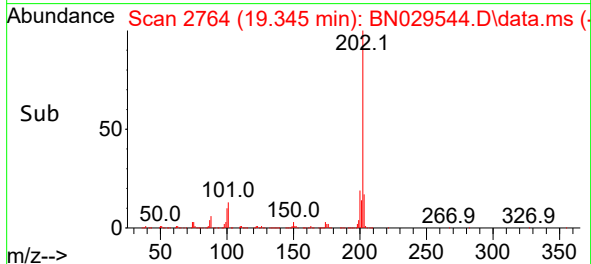
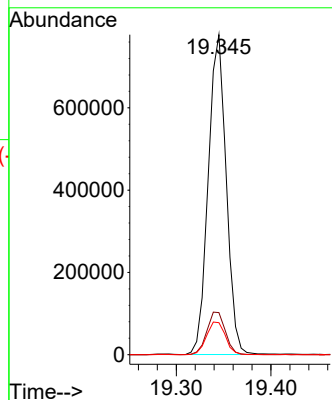
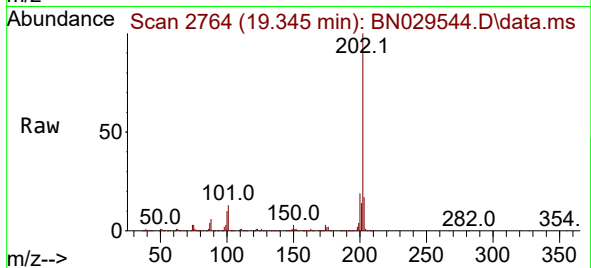
Tgt Ion:202 Resp: 1026089

Ion Ratio Lower Upper

202 100

101 13.2 11.1 16.7

100 10.0 8.9 13.3



#82

Pyrene

Concen: 18.420 ng/ul

RT: 19.710 min Scan# 2826

Delta R.T. 0.006 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

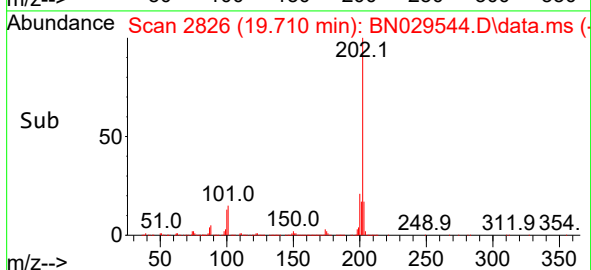
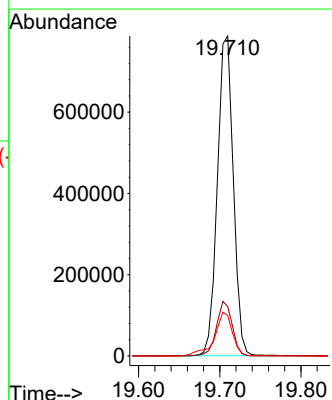
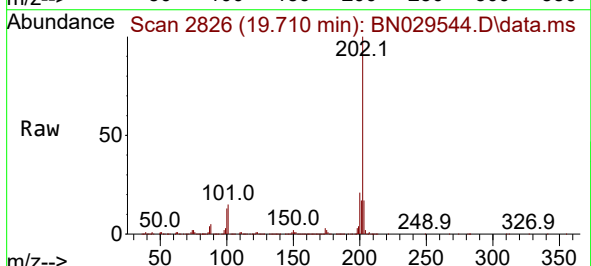
Tgt Ion:202 Resp: 1078376

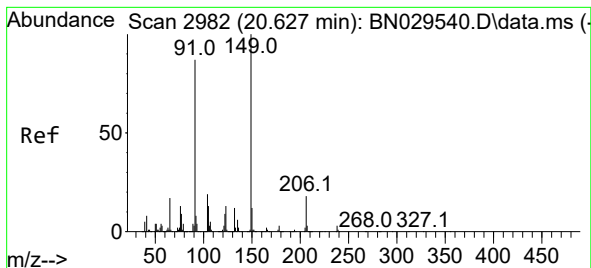
Ion Ratio Lower Upper

202 100

101 15.5 14.2 21.4

100 12.7 11.4 17.2





#83

Butylbenzylphthalate

Concen: 19.001 ng/ul

RT: 20.627 min Scan# 2982

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

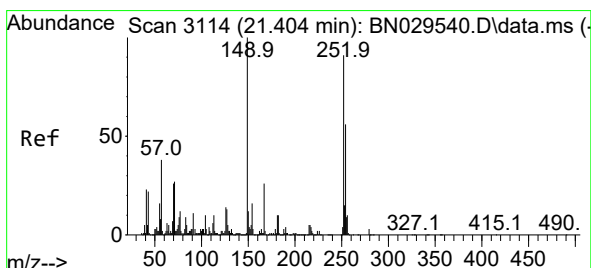
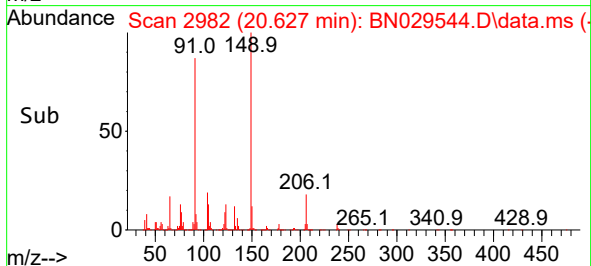
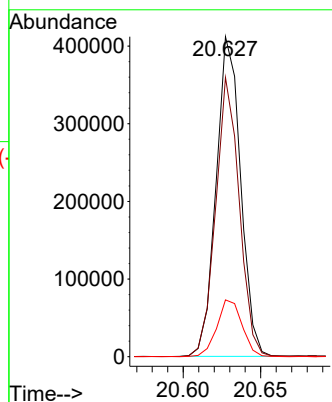
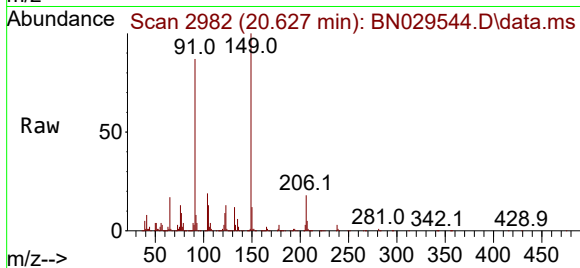
Tgt Ion:149 Resp: 453356

Ion Ratio Lower Upper

149 100

91 87.3 70.0 105.0

206 17.8 14.1 21.1



#84

3,3'-Dichlorobenzidine

Concen: 23.277 ng/ul

RT: 21.404 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

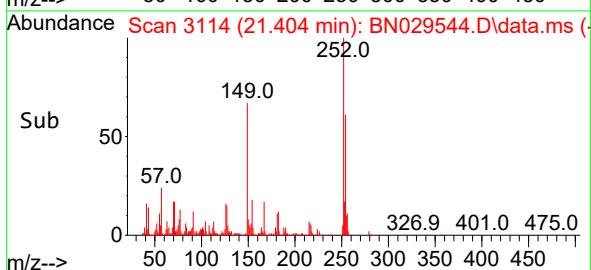
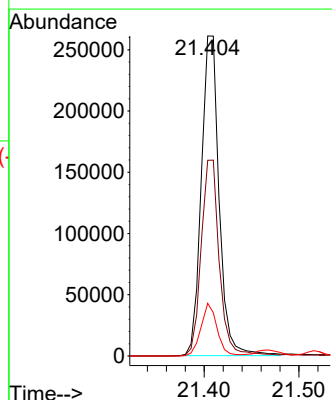
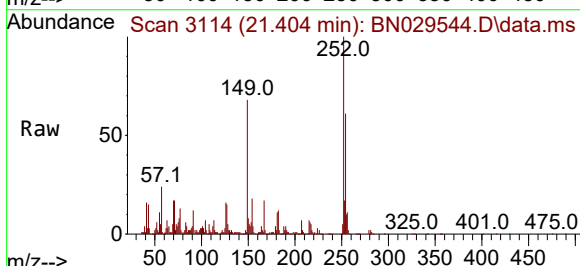
Tgt Ion:252 Resp: 342270

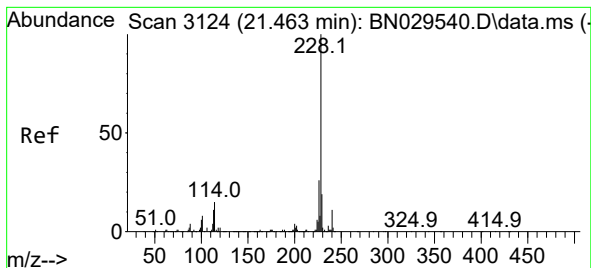
Ion Ratio Lower Upper

252 100

254 61.2 49.8 74.6

126 16.4 12.2 18.4





#85

Benzo(a)anthracene

Concen: 17.660 ng/ul

RT: 21.463 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

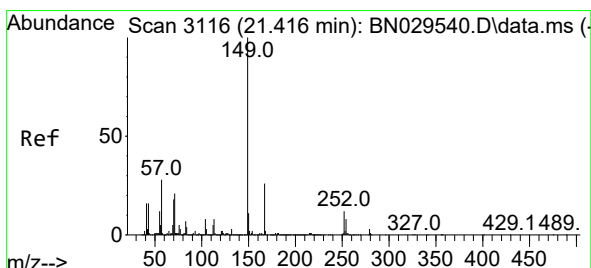
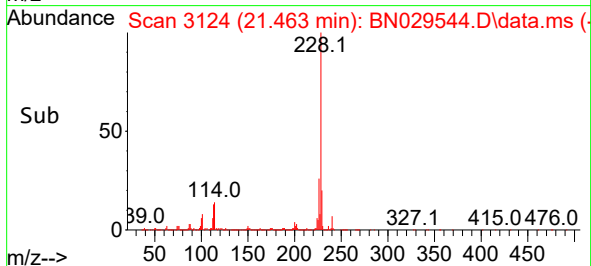
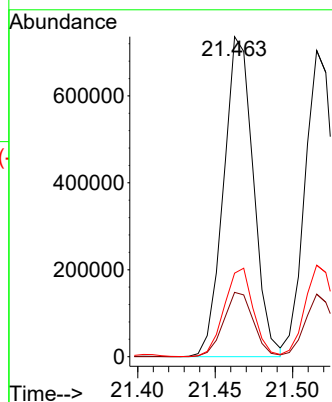
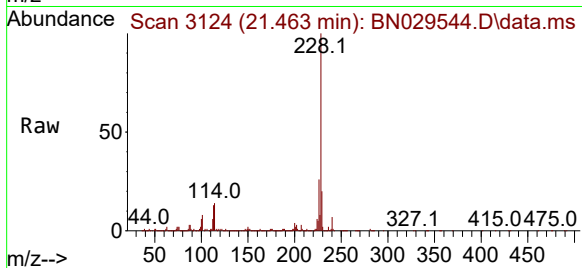
Tgt Ion:228 Resp: 984870

Ion Ratio Lower Upper

228 100

229 20.1 15.0 22.6

226 26.1 21.0 31.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.194 ng/ul

RT: 21.415 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

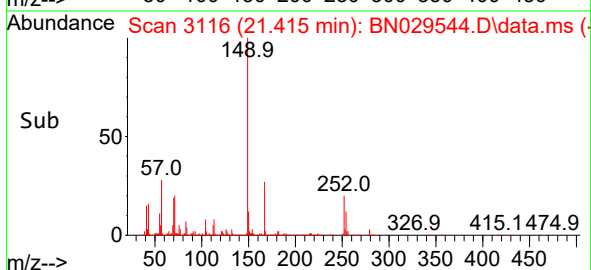
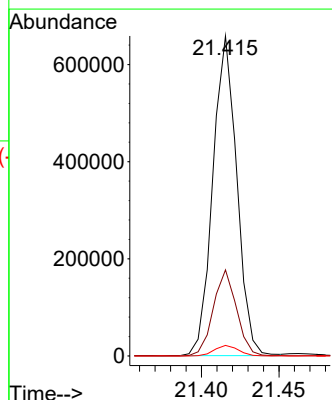
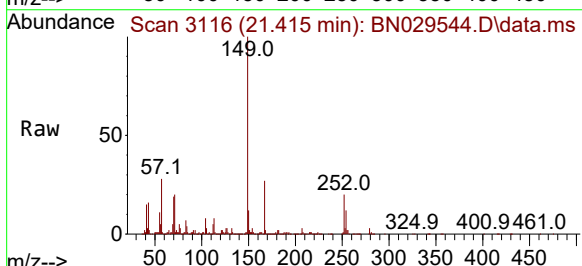
Tgt Ion:149 Resp: 708387

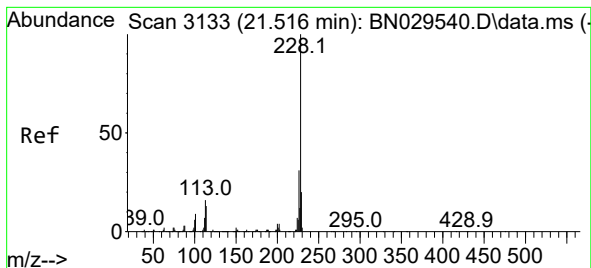
Ion Ratio Lower Upper

149 100

167 26.9 20.6 30.8

279 3.3 2.7 4.1





#87

Chrysene

Concen: 17.697 ng/ul

RT: 21.515 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

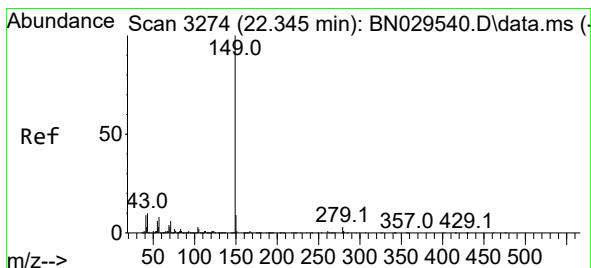
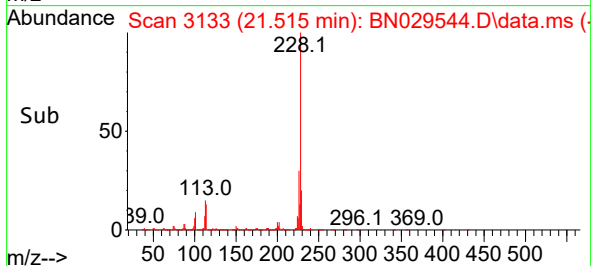
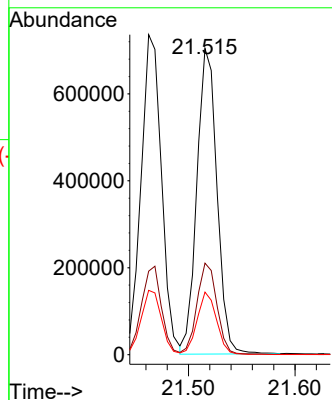
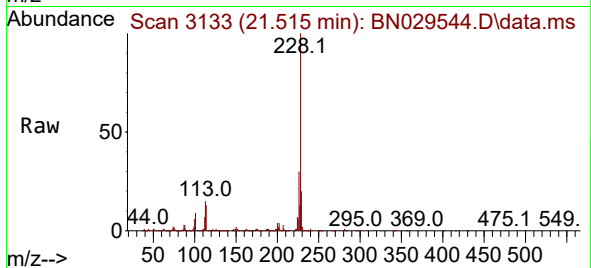
Tgt Ion:228 Resp: 924919

Ion Ratio Lower Upper

228 100

226 29.9 24.6 37.0

229 20.4 16.2 24.4



#89

Di-n-octyl phthalate

Concen: 17.190 ng/ul

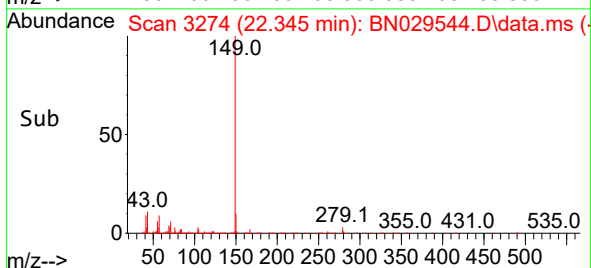
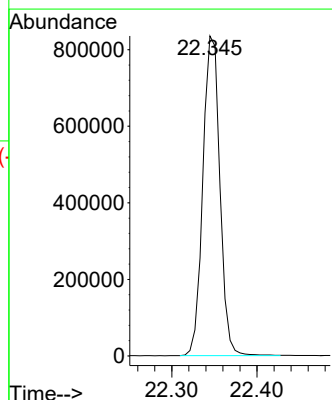
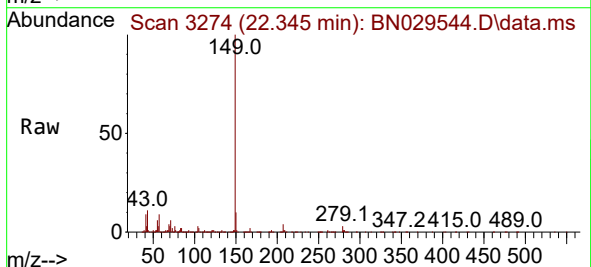
RT: 22.345 min Scan# 3274

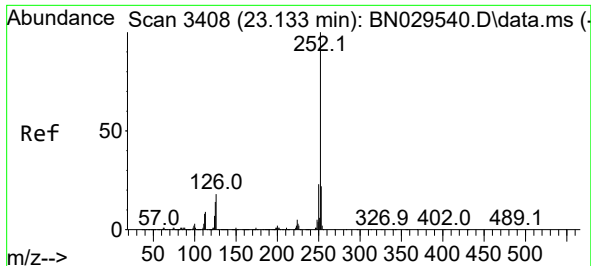
Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Tgt Ion:149 Resp: 1156425

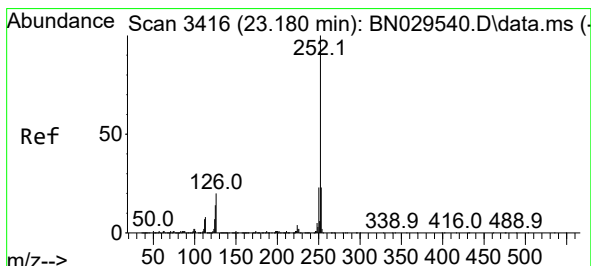
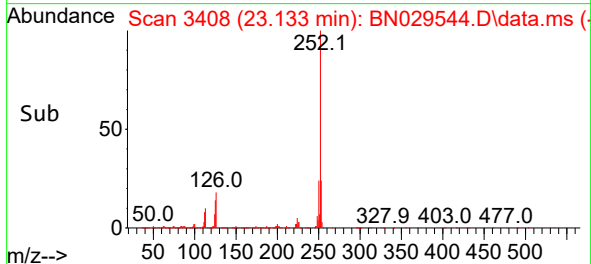
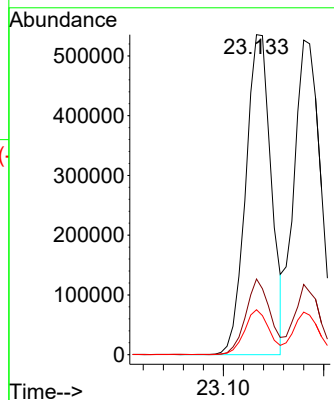
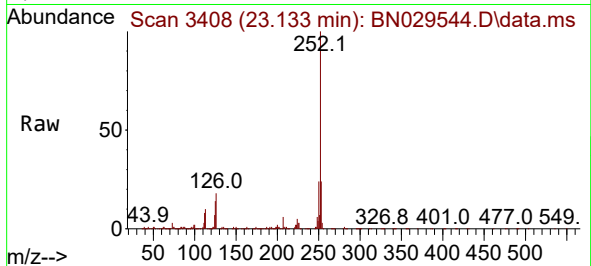




#90
Benzo(b)fluoranthene
Concen: 17.339 ng/ul
RT: 23.133 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

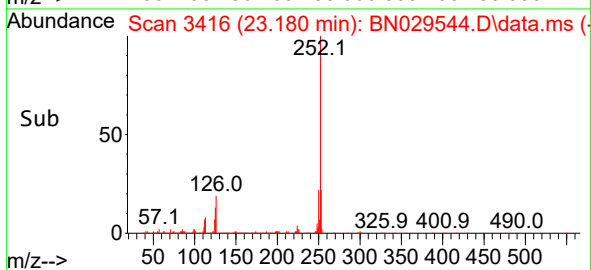
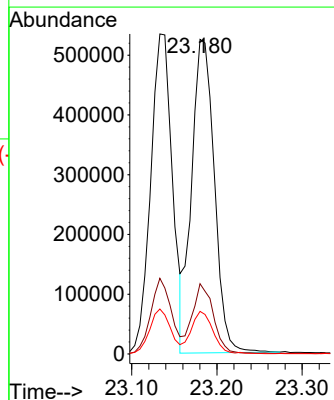
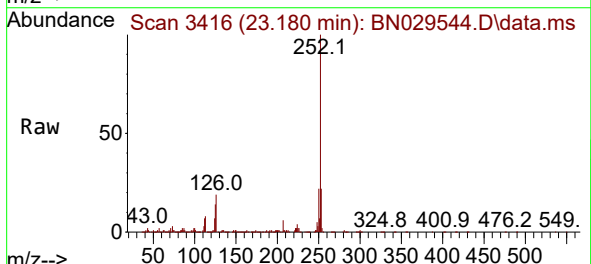
Instrument :
BNA_N
ClientSampleId :
SICV238

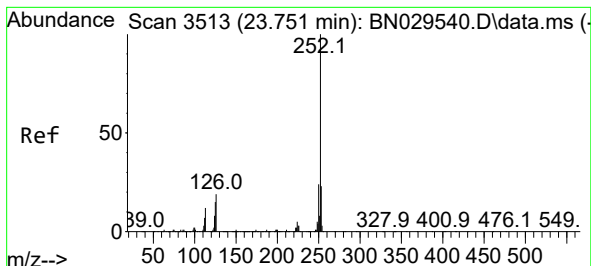
Tgt Ion:252 Resp: 947836
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 14.1 11.1 16.7



#91
Benzo(k)fluoranthene
Concen: 17.372 ng/ul
RT: 23.180 min Scan# 3416
Delta R.T. -0.000 min
Lab File: BN029544.D
Acq: 07 Feb 2024 13:24

Tgt Ion:252 Resp: 972037
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 13.6 11.2 16.8





#93

Benzo(a)pyrene

Concen: 16.522 ng/ul

RT: 23.751 min Scan# 3513

Delta R.T. -0.000 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

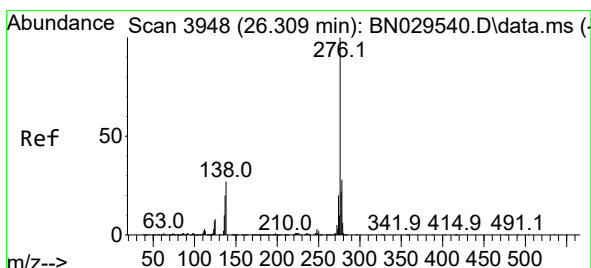
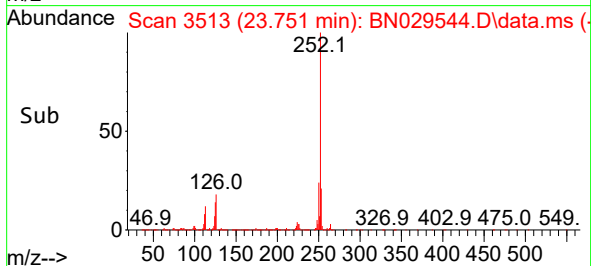
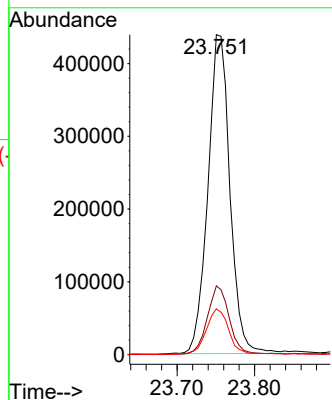
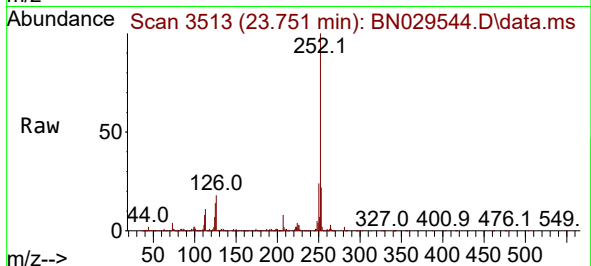
Tgt Ion:252 Resp: 866163

Ion Ratio Lower Upper

252 100

253 21.5 18.8 28.2

125 14.3 12.2 18.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.572 ng/ul

RT: 26.315 min Scan# 3949

Delta R.T. 0.006 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

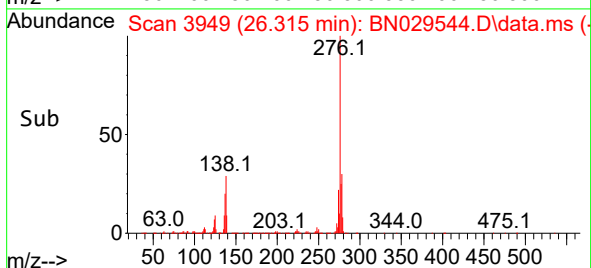
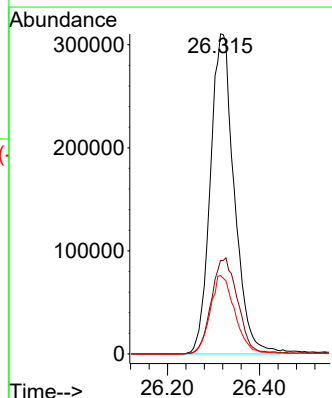
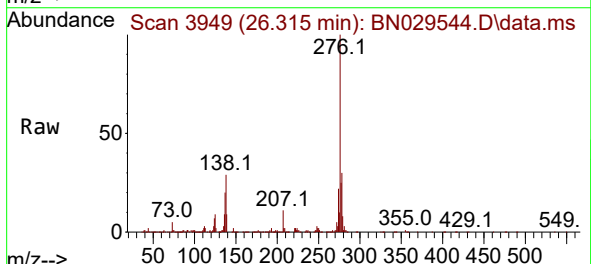
Tgt Ion:276 Resp: 1121741

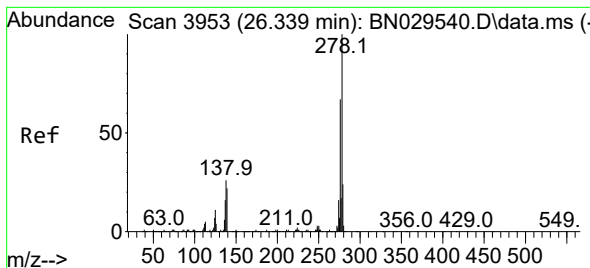
Ion Ratio Lower Upper

276 100

138 29.2 21.7 32.5

277 24.5 17.8 26.8





#95

Dibenzo(a,h)anthracene

Concen: 17.375 ng/ul

RT: 26.345 min Scan# 3953

Delta R.T. 0.006 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Instrument :

BNA_N

ClientSampleId :

SICV238

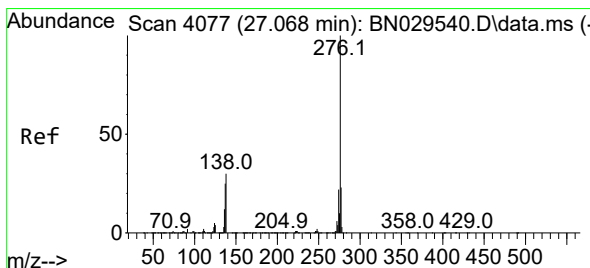
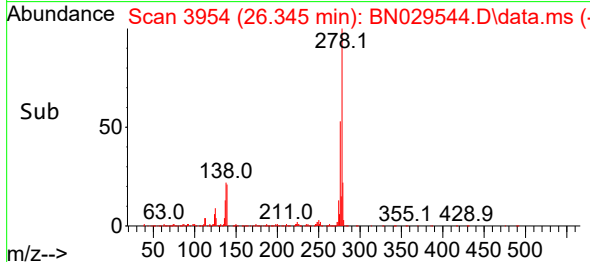
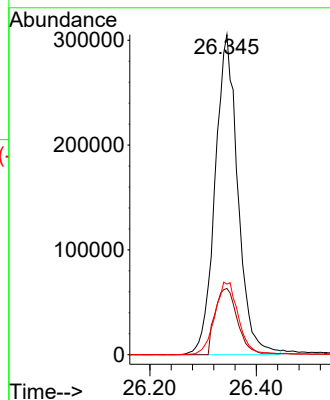
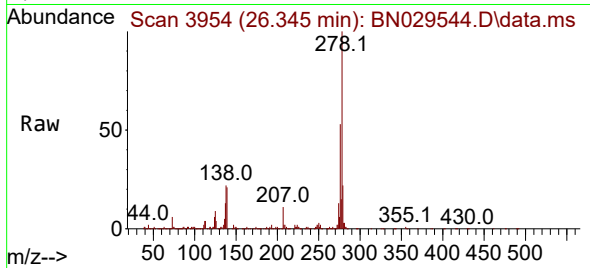
Tgt Ion:278 Resp: 905545

Ion Ratio Lower Upper

278 100

139 20.7 17.8 26.6

279 22.1 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 17.285 ng/ul

RT: 27.074 min Scan# 4078

Delta R.T. 0.006 min

Lab File: BN029544.D

Acq: 07 Feb 2024 13:24

Tgt Ion:276 Resp: 922928

Ion Ratio Lower Upper

276 100

138 25.6 23.9 35.9

277 22.8 18.6 28.0

