

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081922\
 Data File : BN021296.D
 Acq On : 19 Aug 2022 14:12
 Operator : CG/JU
 Sample : SSTD08027
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD080235

Quant Time: Aug 19 15:40:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 15:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	109160	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	500690	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.751	164	312588	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	686072	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	706173	20.000	ng/u1	0.01
88) Perylene-d12	24.245	264	832055	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	91517	30.940	ng/uL	0.00
4) Pyridine-d5	3.811	84	672976	86.229	ng/u1	0.00
7) Phenol-d5	7.246	99	863408	93.445	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	493070	88.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	652645	92.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	677678	99.474	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	327203	101.269	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	329857	118.718	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	630383	91.908	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	965942	91.364	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1812923	87.182	ng/u1	0.00
49) Acenaphthylene-d8	14.451	160	2113338	82.430	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	403491	112.236	ng/u1	0.02
60) Fluorene-d10	15.745	176	1521848	83.091	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	270909	116.281	ng/u1	0.01
73) Anthracene-d10	17.610	188	2418101	79.939	ng/u1	0.00
81) Pyrene-d10	19.898	212	2718578	75.654	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.092	264	3327071	81.560	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	96548	30.439	ng/uL	92
5) Pyridine	3.834	79	673373	86.101	ng/u1	90
6) Benzaldehyde	7.222	77	344259	86.449	ng/u1	93
8) Phenol	7.275	94	875516	92.949	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.516	93	674179	88.408	ng/u1	94
12) 2-Chlorophenol	7.658	128	669461	89.407	ng/u1	96
13) 2-Methylphenol	8.546	108	671217	95.284	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.640	45	846489	90.261	ng/u1	97
16) Acetophenone	8.934	105	991279	93.217	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.928	70	510800	97.240	ng/u1	94
18) 4-Methylphenol	8.881	108	727823	98.133	ng/u1	97
19) Hexachloroethane	9.193	117	259862	82.957	ng/u1	90
22) Nitrobenzene	9.322	77	753570	93.849	ng/u1	94
23) Isophorone	9.857	82	1534037	91.244	ng/u1	98
25) 2-Nitrophenol	10.040	139	373339	113.303	ng/u1	91
26) 2,4-Dimethylphenol	10.099	107	760096	87.327	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.340	93	916226	87.093	ng/u1	99
29) 2,4-Dichlorophenol	10.575	162	632640	90.181	ng/u1	98
30) Naphthalene	10.987	128	2122776	82.778	ng/u1	100
32) 4-Chloroaniline	11.099	127	991293	91.655	ng/u1	99
33) Hexachlorobutadiene	11.269	225	335288	78.539	ng/u1	98
34) Caprolactam	11.875	113	126793	55.283	ng/u1	81
35) 4-Chloro-3-methylphenol	12.216	107	726485	98.891	ng/u1	96
36) 2-Methylnaphthalene	12.593	142	1445968	86.102	ng/u1	100

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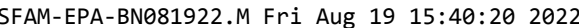
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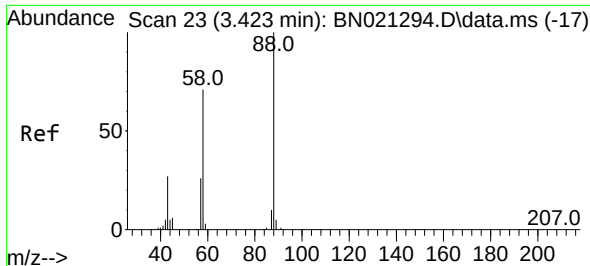
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	1450428	86.334	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.951	216	673442	78.194	ng/ul	99
40) Hexachlorocyclopentadiene	12.934	237	417301	78.372	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.193	196	472920	91.825	ng/ul	99
42) 2,4,5-Trichlorophenol	13.263	196	524479	93.689	ng/ul	88
43) 1,1'-Biphenyl	13.593	154	1860285	78.252	ng/ul	97
44) 2-Chloronaphthalene	13.634	162	1462207	81.568	ng/ul	100
45) 2-Nitroaniline	13.840	65	463952	125.062	ng/ul	90
47) Dimethylphthalate	14.216	163	1851741	86.325	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	394952	125.501	ng/ul	94
50) Acenaphthylene	14.481	152	2320913	79.565	ng/ul	99
51) 3-Nitroaniline	14.663	138	405246	110.356	ng/ul	96
52) Acenaphthene	14.822	153	1502945	80.625	ng/ul	100
53) 2,4-Dinitrophenol	14.863	184	191515	133.712	ng/ul	95
55) 4-Nitrophenol	14.969	109	312127	106.285	ng/ul	94
56) Dibenzofuran	15.151	168	2133449	80.906	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	570652	131.552	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.375	232	408582	101.520	ng/ul	96
59) Diethylphthalate	15.575	149	1879249	87.319	ng/ul	99
61) Fluorene	15.804	166	1610371	77.294	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	730619	76.253	ng/ul	99
63) 4-Nitroaniline	15.828	138	384497	114.815	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.875	198	287549	115.633	ng/ul	95
67) N-Nitrosodiphenylamine	16.010	169	1514928	75.723	ng/ul	96
68) 4-Bromophenyl-phenylether	16.692	248	503292	78.783	ng/ul	98
69) Hexachlorobenzene	16.798	284	586683	78.927	ng/ul	94
70) Atrazine	16.963	200	566698	83.103	ng/ul	97
71) Pentachlorophenol	17.145	266	374037	96.593	ng/ul	97
72) Phenanthrene	17.551	178	2810854	78.033	ng/ul	100
74) Anthracene	17.639	178	2767009	75.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.557	216	710444	72.477	ng/ul	94
76) Pentachlorobenzene	15.069	250	659276	74.207	ng/ul	90
77) Carbazole	17.910	167	2760228	82.777	ng/ul	96
78) Di-n-butylphthalate	18.475	149	3362042	83.124	ng/ul	99
80) Fluoranthene	19.563	202	3392170	76.607	ng/ul	97
82) Pyrene	19.928	202	3414371	74.538	ng/ul	96
83) Butylbenzylphthalate	20.828	149	1639829	91.935	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.616	252	1098245	80.076	ng/ul#	99
85) Benzo(a)anthracene	21.686	228	3410192	79.357	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.610	149	2093996	73.975	ng/ul	99
87) Chrysene	21.745	228	3152652	75.772	ng/ul	98
89) Di-n-octyl phthalate	22.586	149	4384834	77.469	ng/ul	100
90) Benzo(b)fluoranthene	23.469	252	4151260	79.922	ng/ul	98
91) Benzo(k)fluoranthene	23.521	252	3626822	75.749	ng/ul	98
93) Benzo(a)pyrene	24.145	252	3994325	79.942	ng/ul	97
95) Dibenzo(a,h)anthracene	26.974	278	4001059	79.382	ng/ul	96
96) Benzo(g,h,i)perylene	27.792	276	4450777	86.607	ng/ul	94

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

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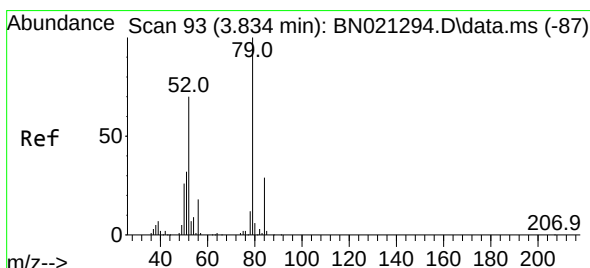
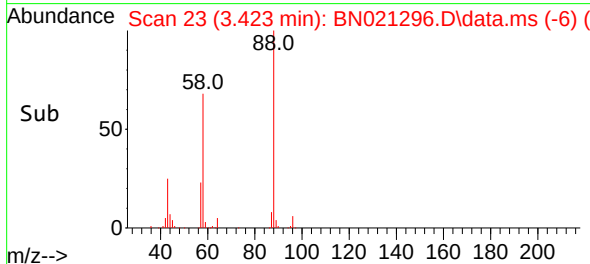
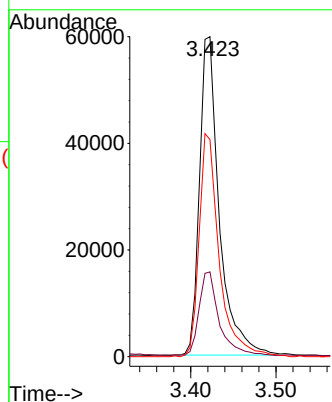
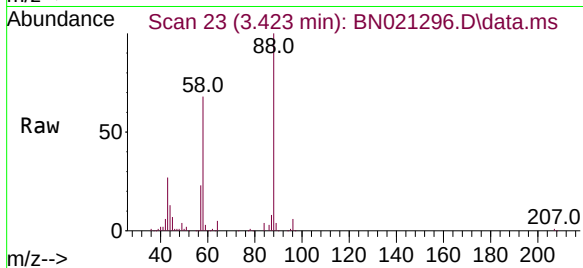




#2
1,4-Dioxane
Concen: 30.439 ng/uL
RT: 3.423 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021296.D
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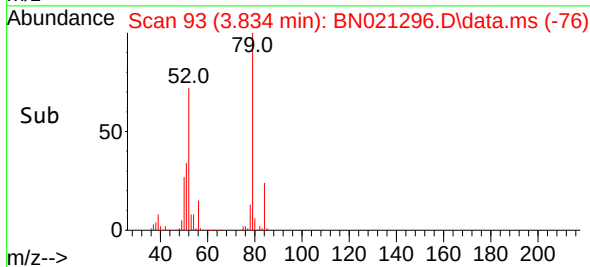
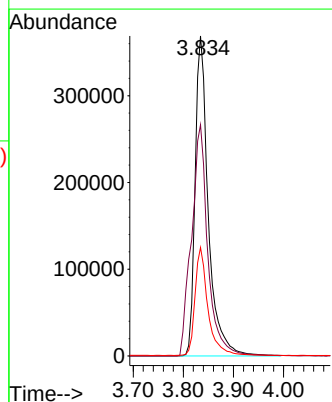
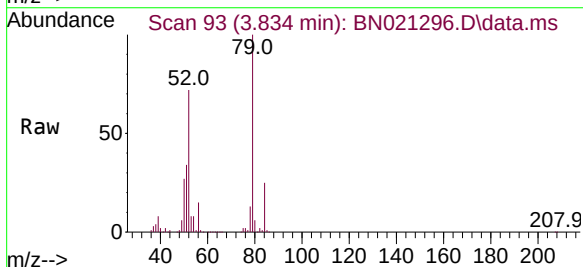
Instrument :
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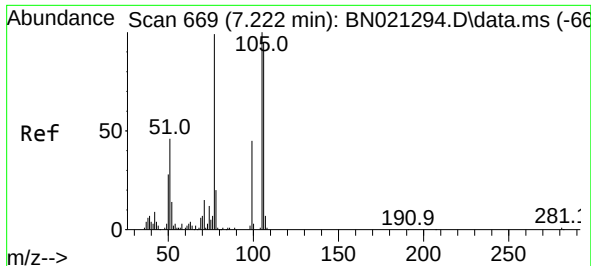
Tgt Ion: 88 Resp: 96548
Ion Ratio Lower Upper
88 100
43 26.5 22.4 33.6
58 67.8 61.0 91.4



#5
Pyridine
Concen: 86.101 ng/uL
RT: 3.834 min Scan# 93
Delta R.T. 0.000 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion: 79 Resp: 673373
Ion Ratio Lower Upper
79 100
52 72.3 65.0 97.4
51 33.9 31.6 47.4

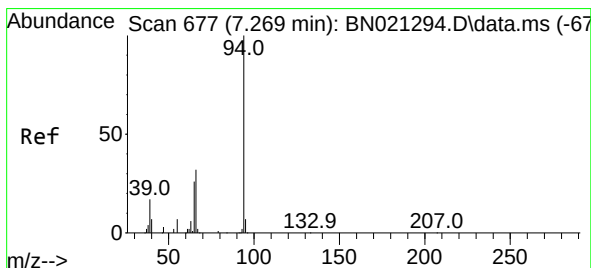
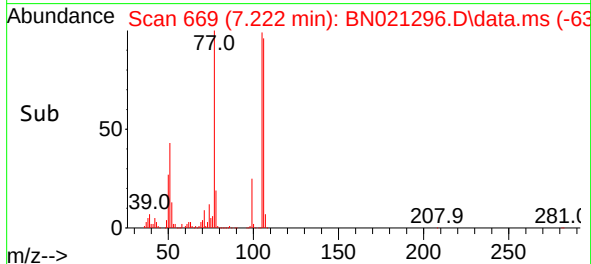
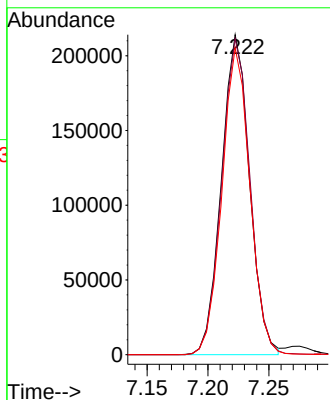
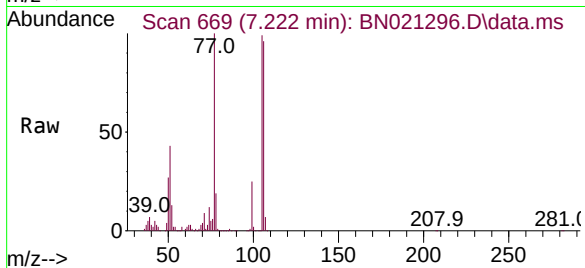




#6
Benzaldehyde
Concen: 86.449 ng/ul
RT: 7.222 min Scan# 669
Delta R.T. 0.000 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

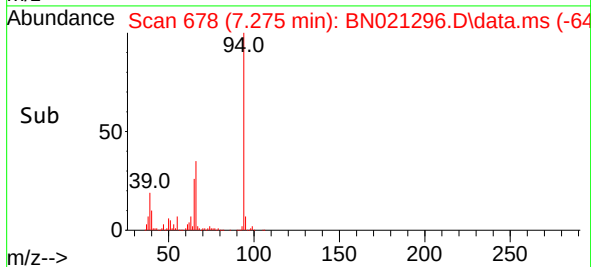
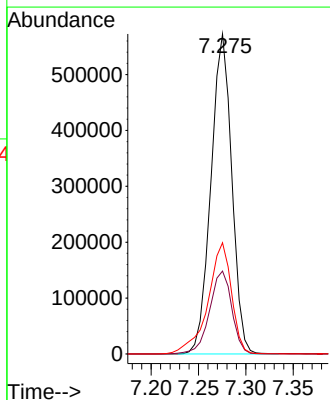
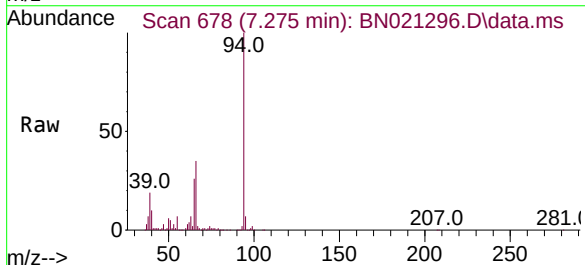
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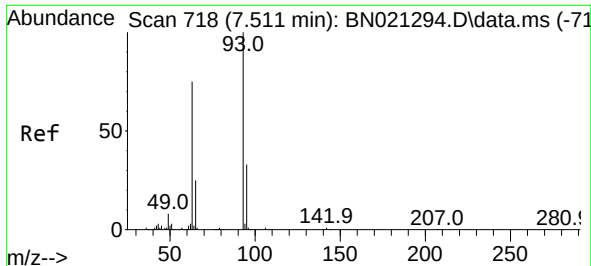
Tgt Ion: 77 Resp: 344259
Ion Ratio Lower Upper
77 100
105 98.7 74.7 112.1
106 95.9 70.2 105.4



#8
Phenol
Concen: 92.949 ng/ul
RT: 7.275 min Scan# 678
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion: 94 Resp: 875516
Ion Ratio Lower Upper
94 100
65 25.9 23.6 35.4
66 34.7 31.2 46.8





#10

Bis(2-Chloroethyl)ether

Concen: 88.408 ng/ul

RT: 7.516 min Scan# 718

Delta R.T. 0.006 min

Lab File: BN021296.D

Acq: 19 Aug 2022 14:12

Instrument :

BNA_N

ClientSampleId :

SSTD080235

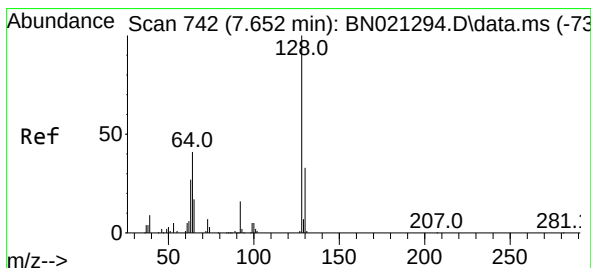
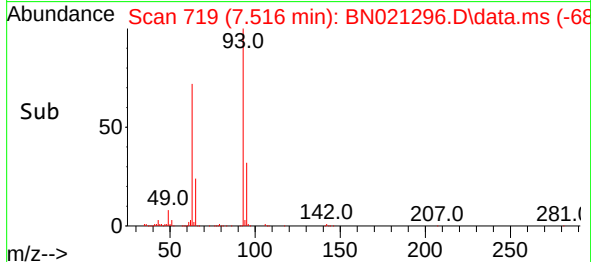
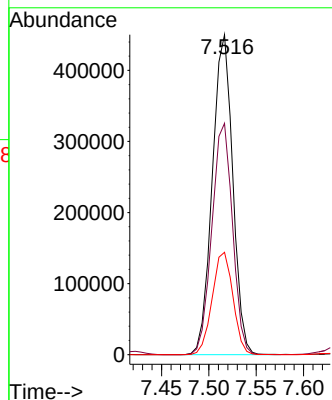
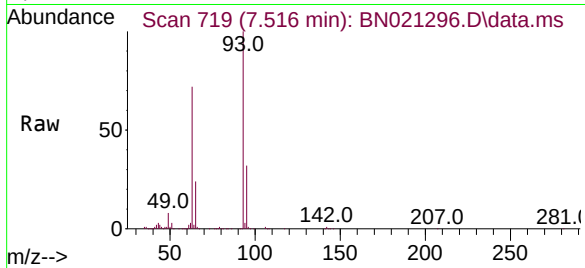
Tgt Ion: 93 Resp: 674179

Ion Ratio Lower Upper

93 100

63 72.3 63.4 95.0

95 32.0 26.2 39.2



#12

2-Chlorophenol

Concen: 89.407 ng/ul

RT: 7.658 min Scan# 743

Delta R.T. 0.006 min

Lab File: BN021296.D

Acq: 19 Aug 2022 14:12

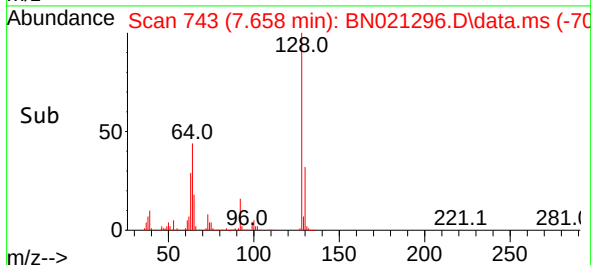
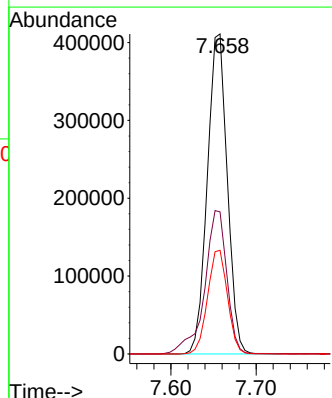
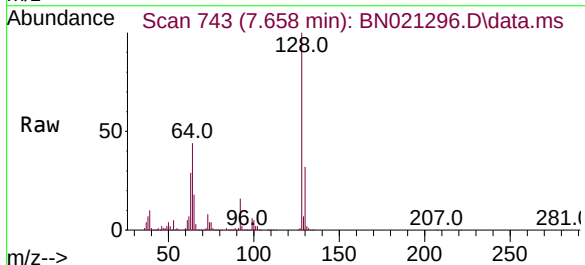
Tgt Ion: 128 Resp: 669461

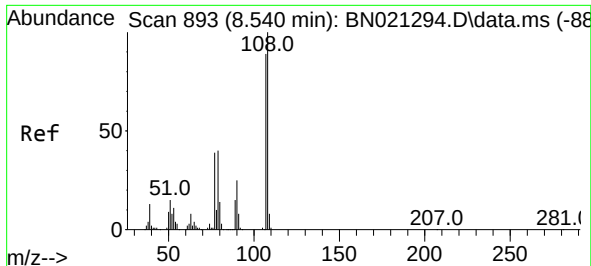
Ion Ratio Lower Upper

128 100

64 44.4 38.6 57.8

130 32.4 25.0 37.4

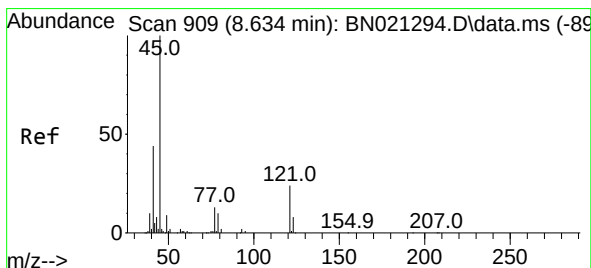
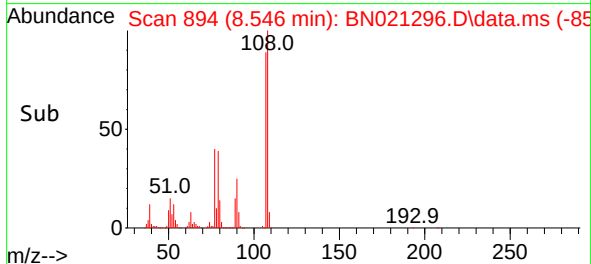
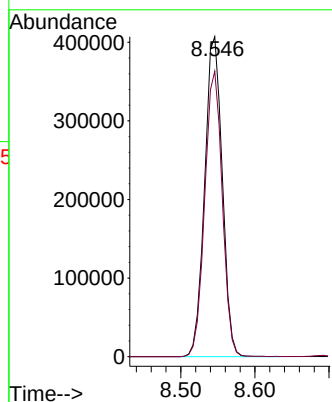
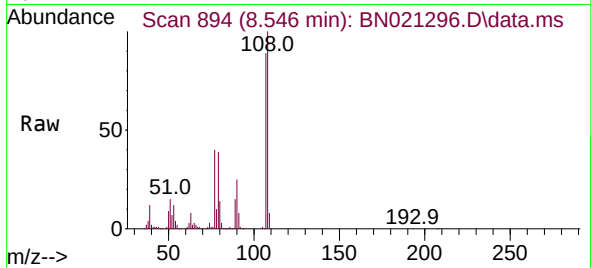




#13
2-Methylphenol
Concen: 95.284 ng/ul
RT: 8.546 min Scan# 893
Delta R.T. 0.006 min
Lab File: BN021296.D
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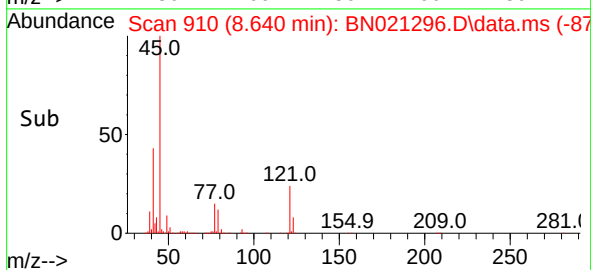
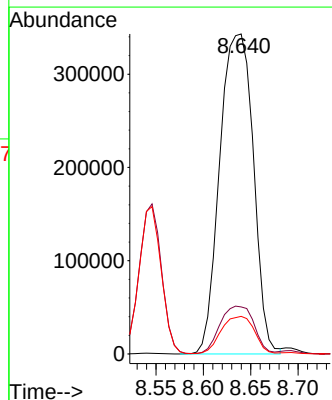
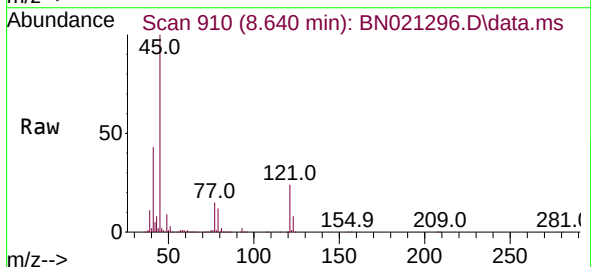
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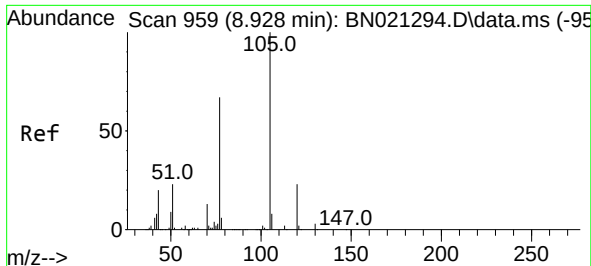
Tgt Ion:108 Resp: 671217
Ion Ratio Lower Upper
108 100
107 89.2 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 90.261 ng/ul
RT: 8.640 min Scan# 910
Delta R.T. 0.006 min
Lab File: BN021296.D
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Tgt Ion: 45 Resp: 846489
Ion Ratio Lower Upper
45 100
77 14.7 10.9 16.3
79 11.8 8.6 13.0

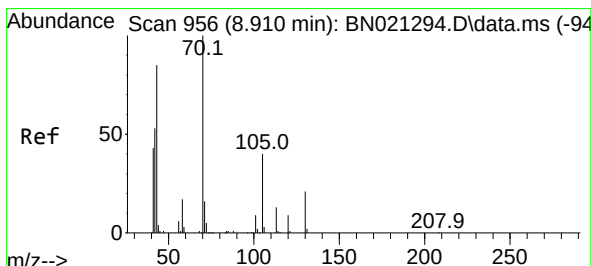
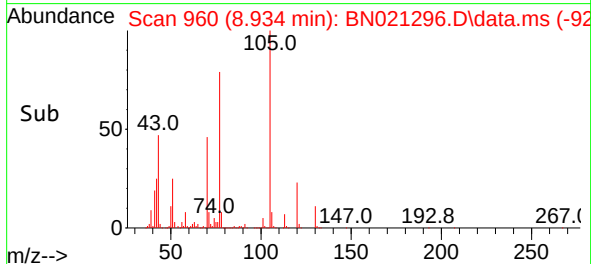
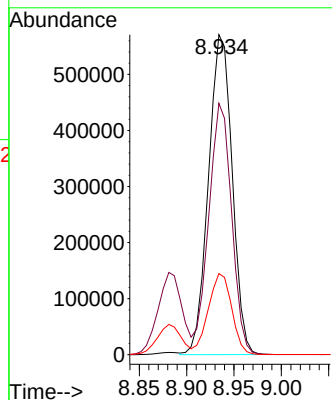
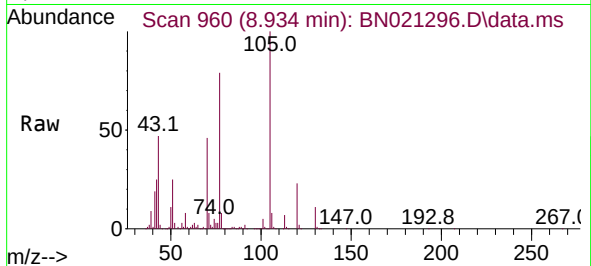




#16
 Acetophenone
 Concen: 93.217 ng/ul
 RT: 8.934 min Scan# 90
 Delta R.T. 0.006 min
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 Acq: 19 Aug 2022 14:12

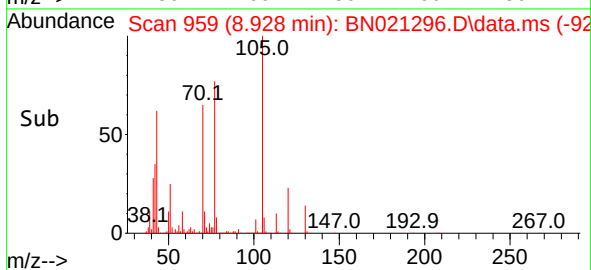
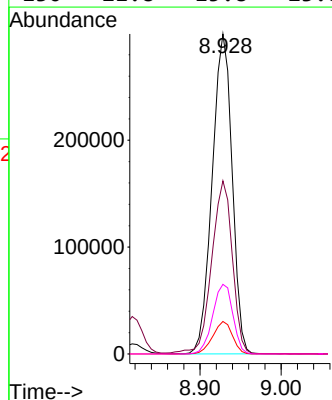
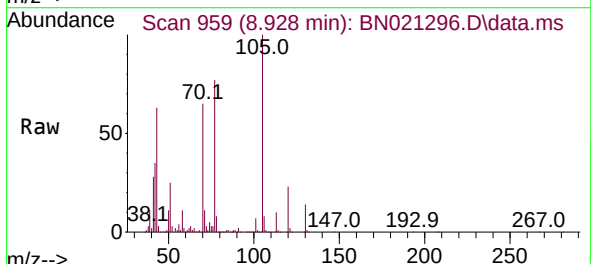
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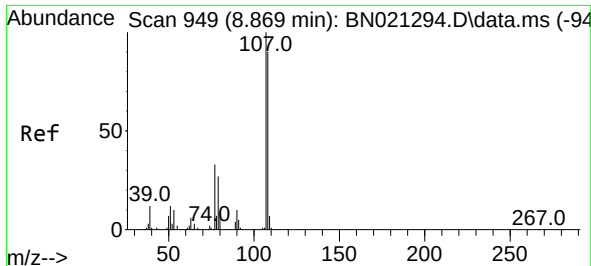
Tgt Ion:105 Resp: 991279
 Ion Ratio Lower Upper
 105 100
 77 78.6 63.5 95.3
 51 25.3 23.5 35.3



#17
 N-Nitroso-di-n-propylamine
 Concen: 97.240 ng/ul
 RT: 8.928 min Scan# 959
 Delta R.T. 0.018 min
 Lab File: BN021296.D
 Acq: 19 Aug 2022 14:12

Tgt Ion: 70 Resp: 510800
 Ion Ratio Lower Upper
 70 100
 42 54.1 47.8 71.6
 101 10.2 7.8 11.6
 130 21.8 15.8 23.8

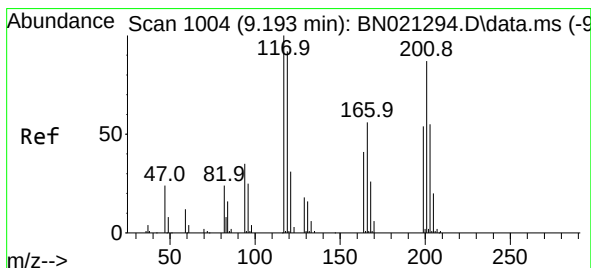
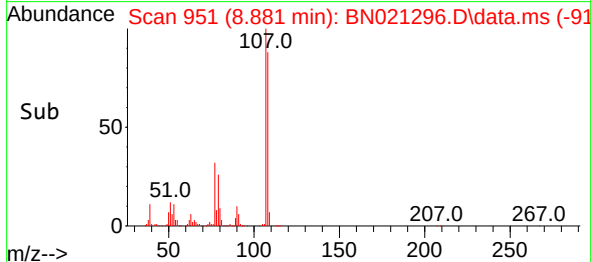
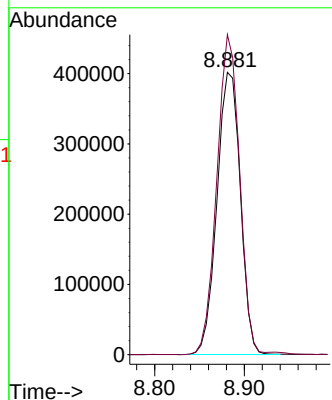
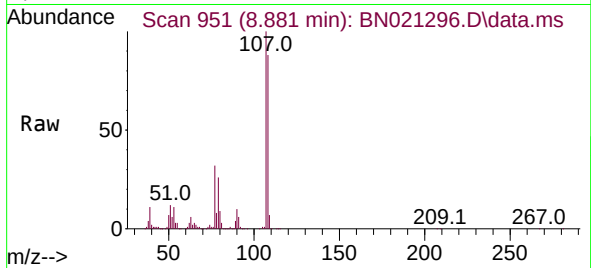




#18
4-Methylphenol
Concen: 98.133 ng/ul
RT: 8.881 min Scan# 91
Delta R.T. 0.012 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

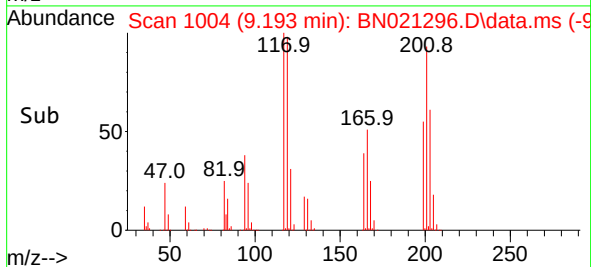
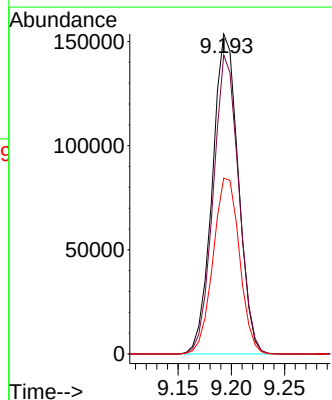
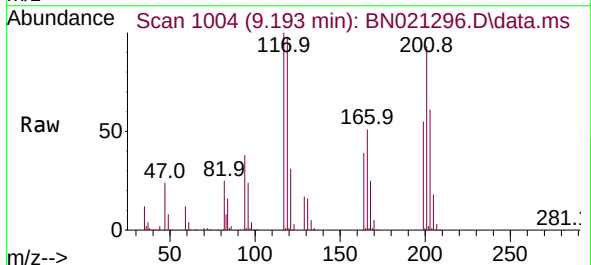
Instrument :
BNA_N
ClientSampleId :
SSTD080235

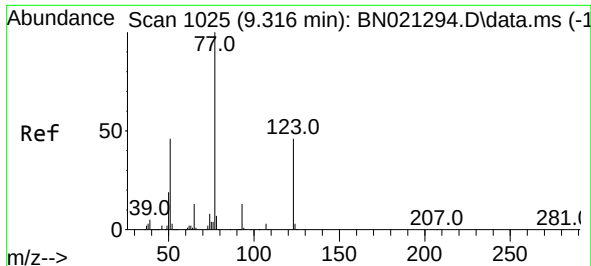
Tgt Ion:108 Resp: 727823
Ion Ratio Lower Upper
108 100
107 113.3 88.0 132.0



#19
Hexachloroethane
Concen: 82.957 ng/ul
RT: 9.193 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:117 Resp: 259862
Ion Ratio Lower Upper
117 100
201 93.5 83.2 124.8
199 55.0 50.2 75.4

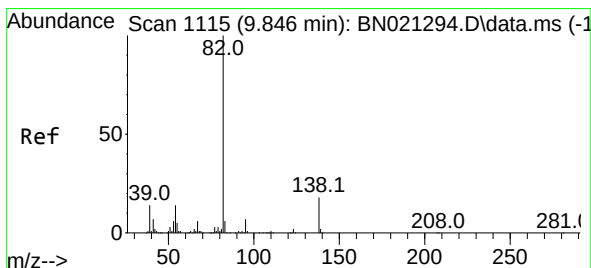
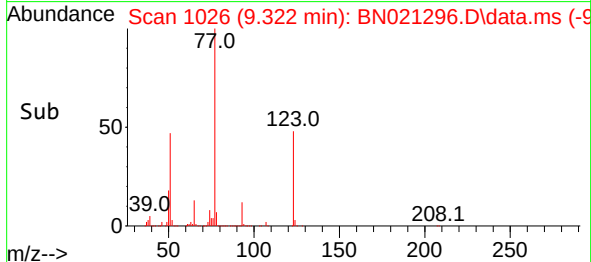
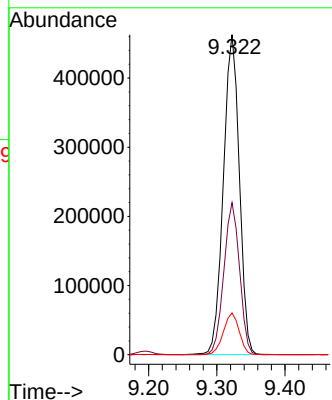
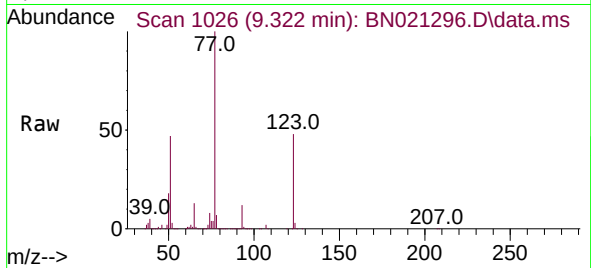




#22
Nitrobenzene
Concen: 93.849 ng/ul
RT: 9.322 min Scan# 110
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

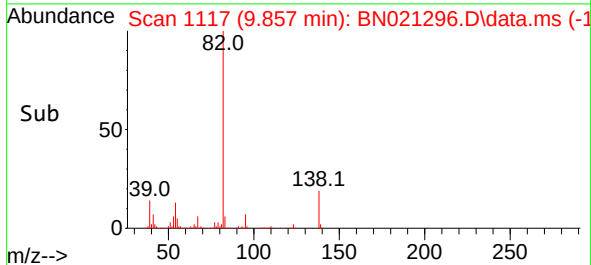
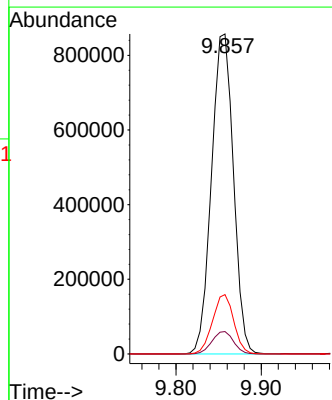
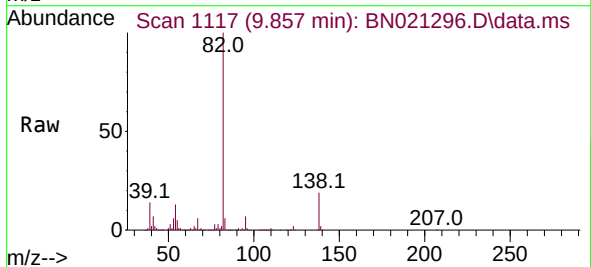
Instrument :
BNA_N
ClientSampleId :
SSTD080235

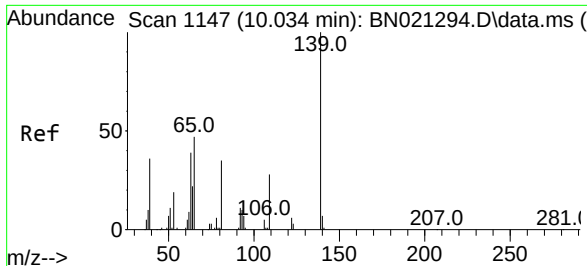
Tgt Ion: 77 Resp: 753570
Ion Ratio Lower Upper
77 100
123 47.5 34.5 51.7
65 13.0 11.1 16.7



#23
Isophorone
Concen: 91.244 ng/ul
RT: 9.857 min Scan# 1117
Delta R.T. 0.012 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion: 82 Resp: 1534037
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 18.5 13.8 20.8

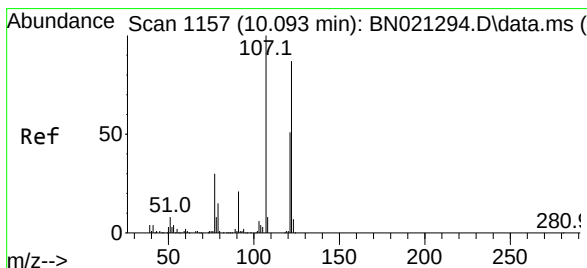
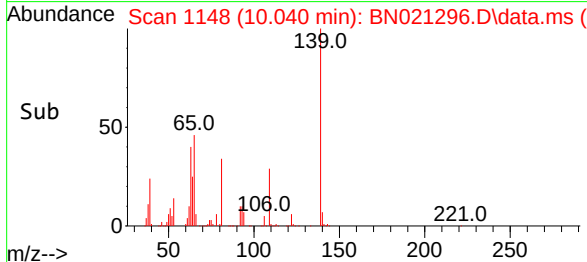
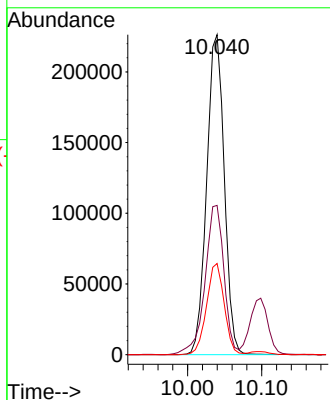
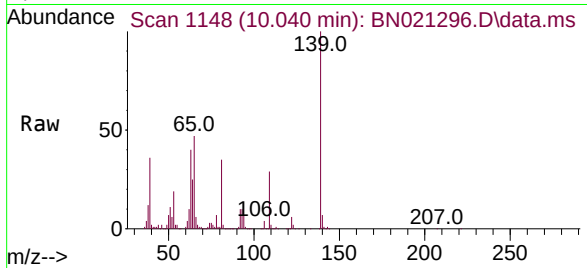




#25
2-Nitrophenol
Concen: 113.303 ng/ul
RT: 10.040 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

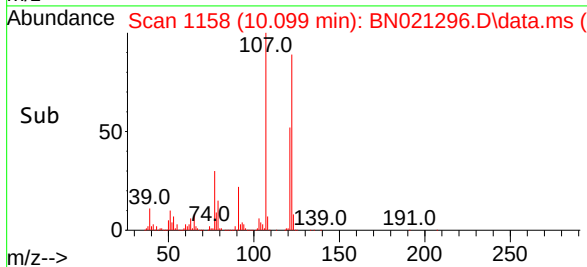
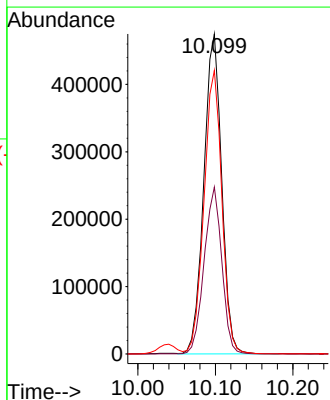
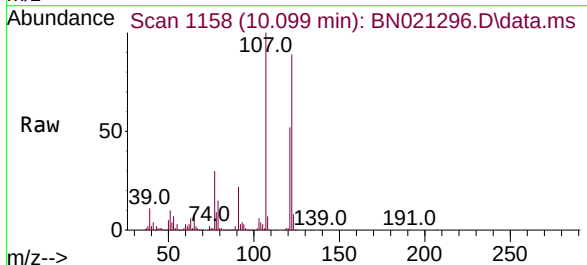
Instrument :
BNA_N
ClientSampleId :
SSTD080235

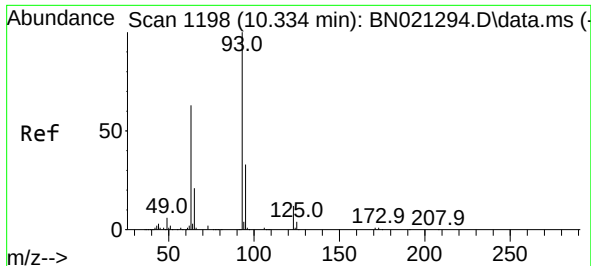
Tgt Ion:139 Resp: 373339
Ion Ratio Lower Upper
139 100
65 46.7 43.7 65.5
109 28.5 25.8 38.6



#26
2,4-Dimethylphenol
Concen: 87.327 ng/ul
RT: 10.099 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:107 Resp: 760096
Ion Ratio Lower Upper
107 100
121 52.2 38.3 57.5
122 88.6 66.3 99.5

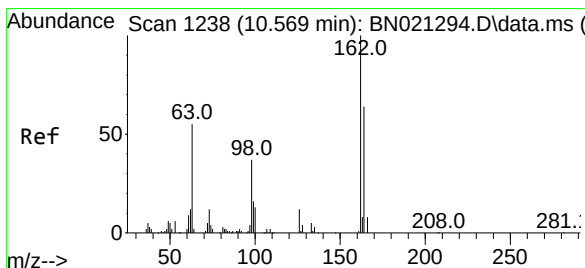
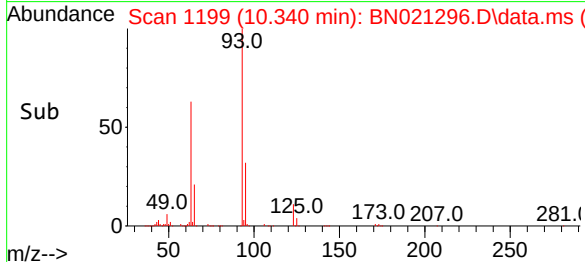
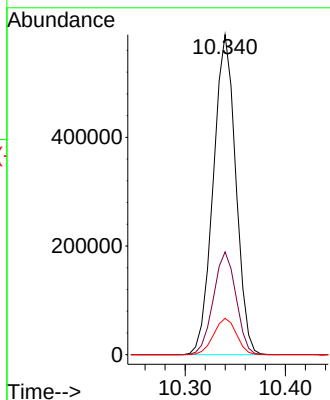
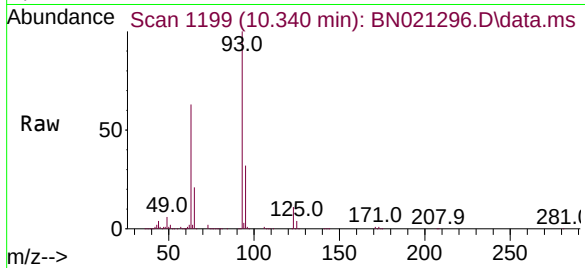




#27
 Bis(2-Chloroethoxy)methane
 Concen: 87.093 ng/ul
 RT: 10.340 min Scan# 1198
 Delta R.T. 0.006 min
 Lab File: BN021296.D
 Acq: 19 Aug 2022 14:12

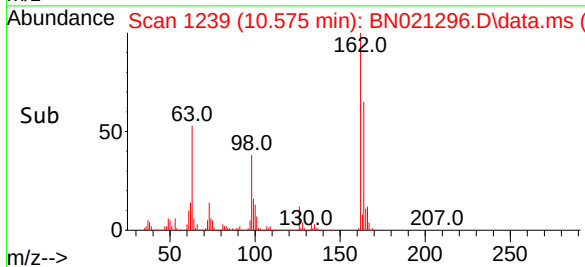
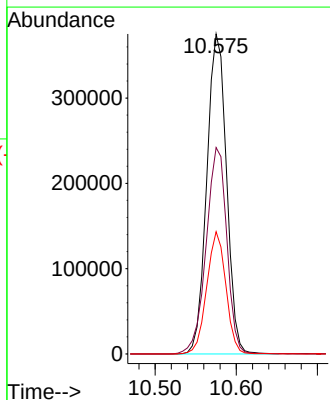
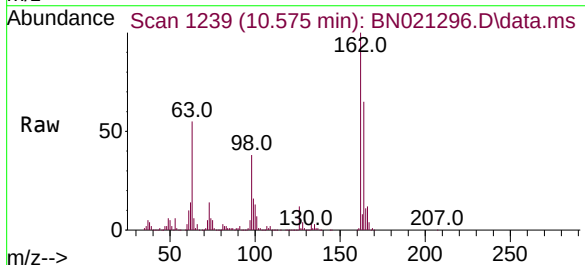
Instrument :
 BNA_N
 ClientSampleId :
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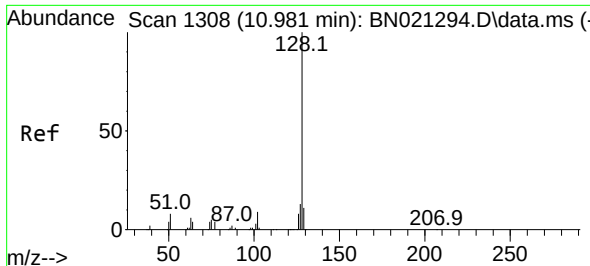
Tgt Ion: 93 Resp: 916226
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.4 38.0
 123 11.3 8.3 12.5



#29
 2,4-Dichlorophenol
 Concen: 90.181 ng/ul
 RT: 10.575 min Scan# 1239
 Delta R.T. 0.006 min
 Lab File: BN021296.D
 Acq: 19 Aug 2022 14:12

Tgt Ion: 162 Resp: 632640
 Ion Ratio Lower Upper
 162 100
 164 64.5 52.9 79.3
 98 38.2 29.8 44.8

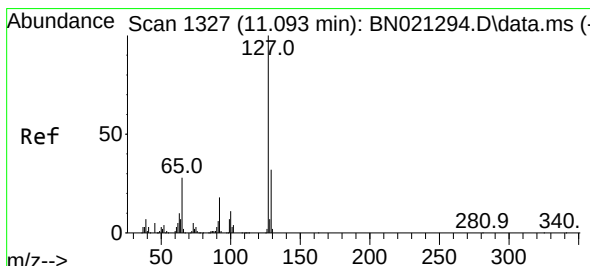
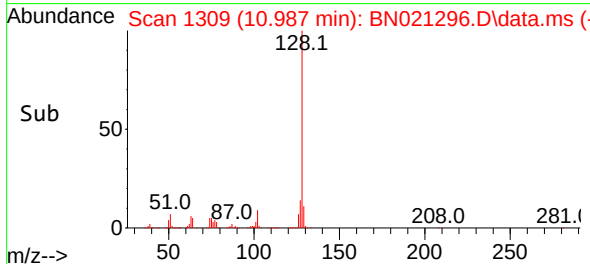
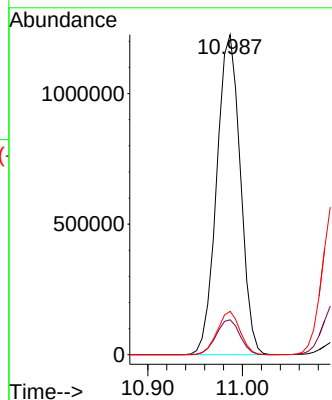
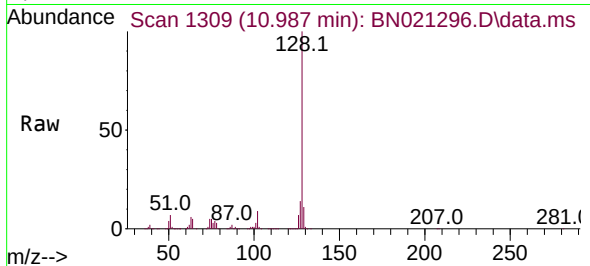




#30
Naphthalene
Concen: 82.778 ng/ul
RT: 10.987 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

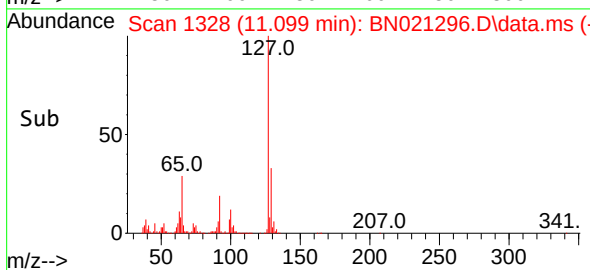
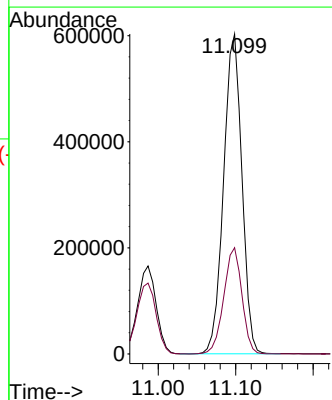
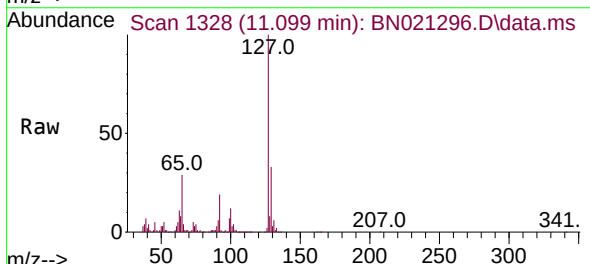
Instrument :
BNA_N
ClientSampleId :
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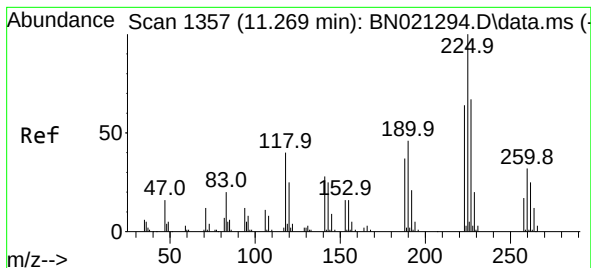
Tgt Ion:128 Resp: 2122776
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.6 16.0



#32
4-Chloroaniline
Concen: 91.655 ng/ul
RT: 11.099 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:127 Resp: 991293
Ion Ratio Lower Upper
127 100
129 33.2 26.1 39.1





#33

Hexachlorobutadiene

Concen: 78.539 ng/ul

RT: 11.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN021296.D

Acq: 19 Aug 2022 14:12

Instrument :

BNA_N

ClientSampleId :

SSTD080235

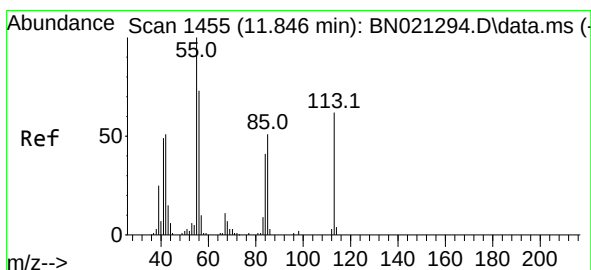
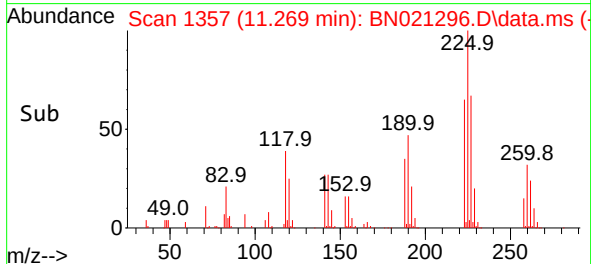
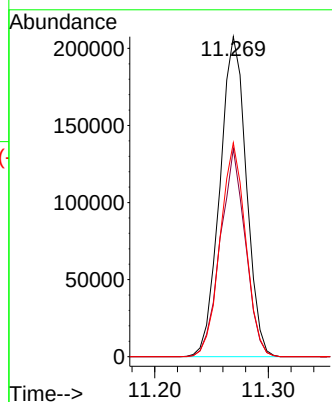
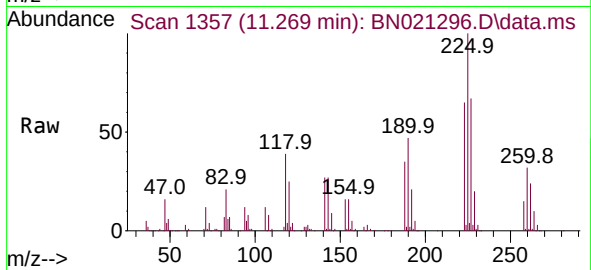
Tgt Ion:225 Resp: 335288

Ion Ratio Lower Upper

225 100

223 65.0 51.8 77.6

227 66.9 50.6 76.0



#34

Caprolactam

Concen: 55.283 ng/ul

RT: 11.875 min Scan# 1460

Delta R.T. 0.029 min

Lab File: BN021296.D

Acq: 19 Aug 2022 14:12

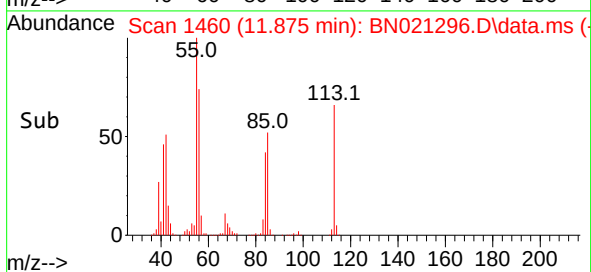
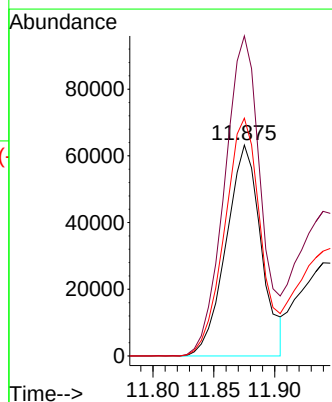
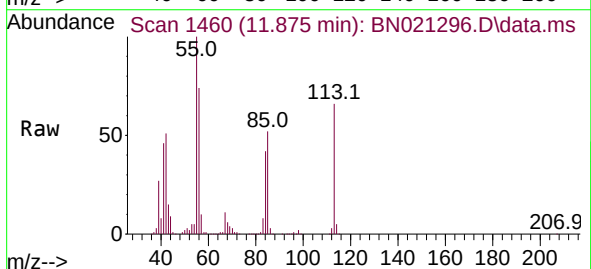
Tgt Ion:113 Resp: 126793

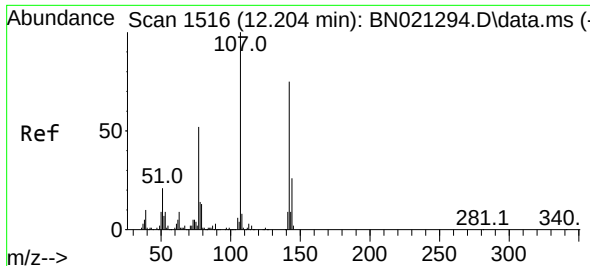
Ion Ratio Lower Upper

113 100

55 151.7 145.5 218.3

56 112.8 106.5 159.7

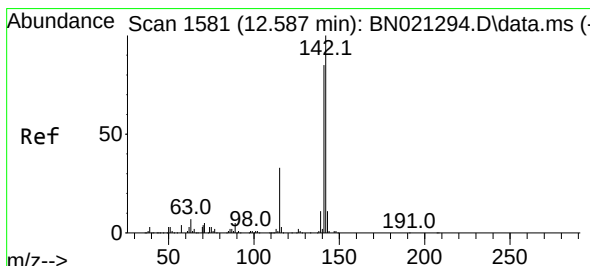
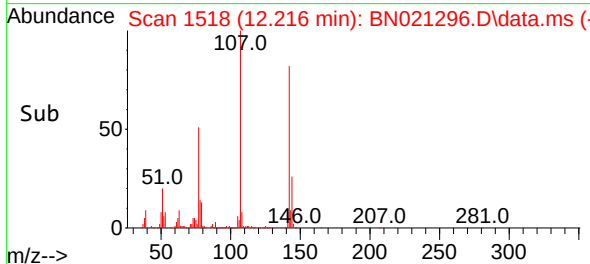
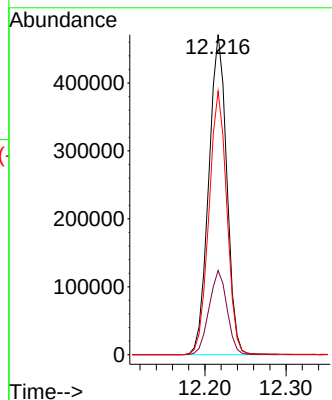
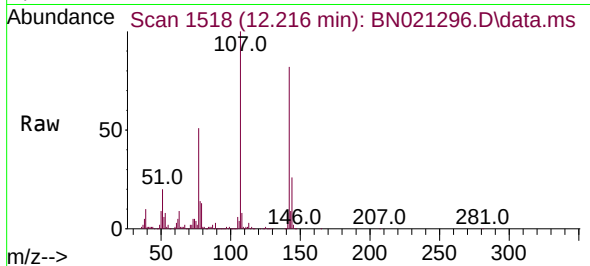




#35
4-Chloro-3-methylphenol
Concen: 98.891 ng/ul
RT: 12.216 min Scan# 1518
Delta R.T. 0.012 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

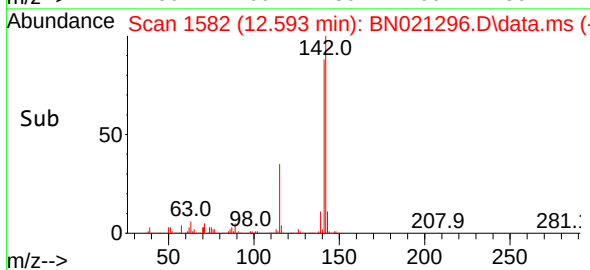
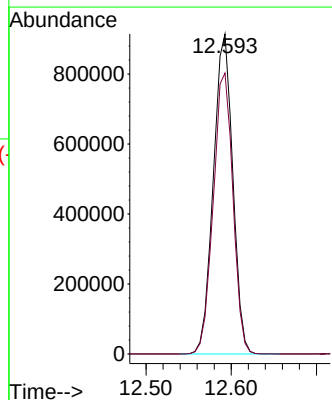
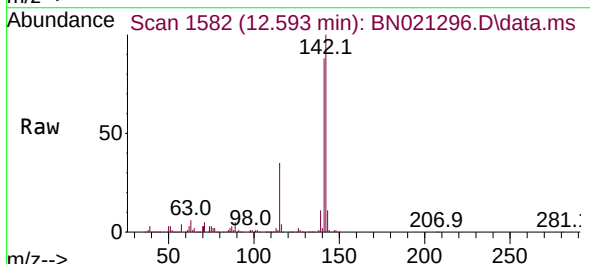
Instrument :
BNA_N
ClientSampleId :
SSTD080235

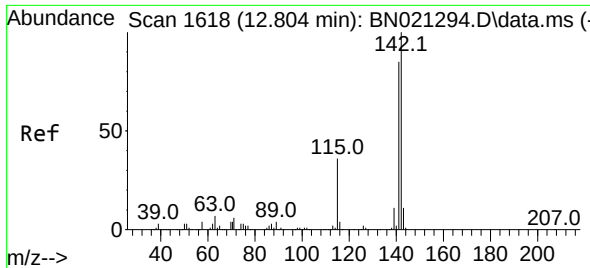
Tgt Ion:107 Resp: 726485
Ion Ratio Lower Upper
107 100
144 26.3 20.6 31.0
142 82.3 62.2 93.4



#36
2-Methylnaphthalene
Concen: 86.102 ng/ul
RT: 12.593 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:142 Resp: 1445968
Ion Ratio Lower Upper
142 100
141 87.8 70.6 105.8

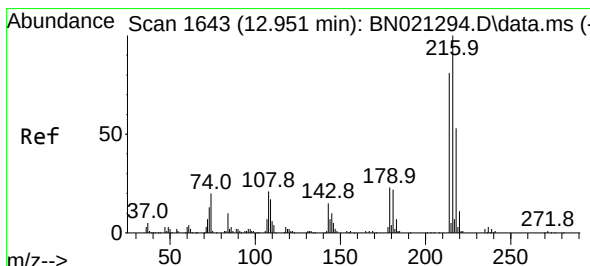
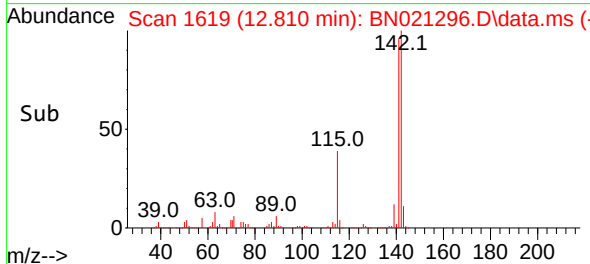
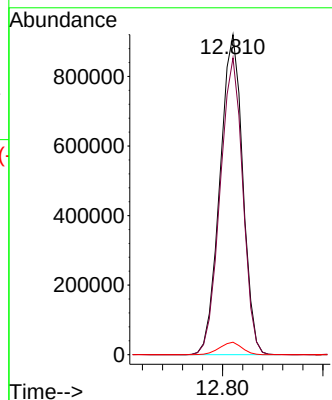
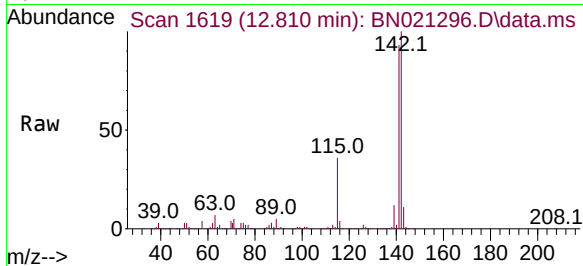




#37
1-Methylnaphthalene
Concen: 86.334 ng/ul
RT: 12.810 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

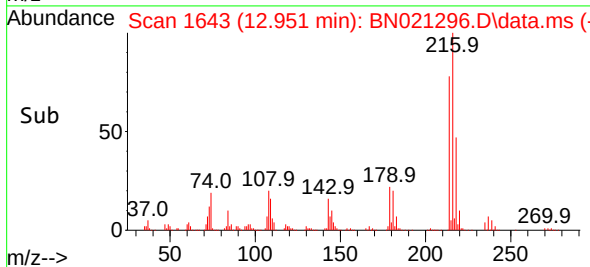
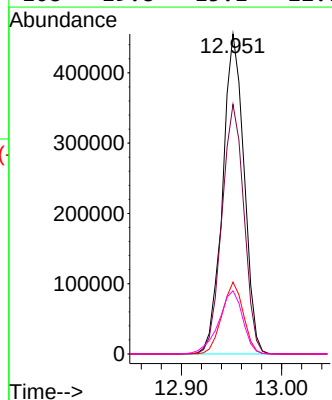
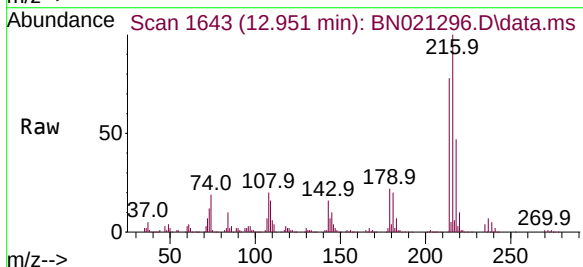
Instrument :
BNA_N
ClientSampleId :
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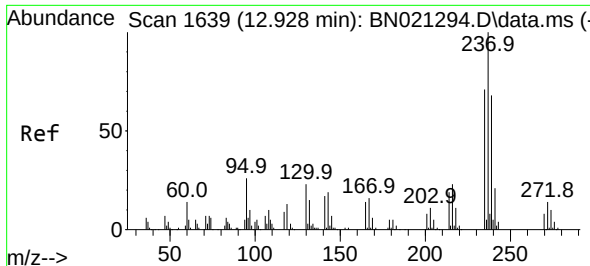
Tgt Ion:142 Resp: 1450428
Ion Ratio Lower Upper
142 100
141 92.8 70.9 106.3
116 3.9 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 78.194 ng/ul
RT: 12.951 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:216 Resp: 673442
Ion Ratio Lower Upper
216 100
214 78.0 63.4 95.0
179 22.5 17.8 26.8
108 19.8 15.1 22.7

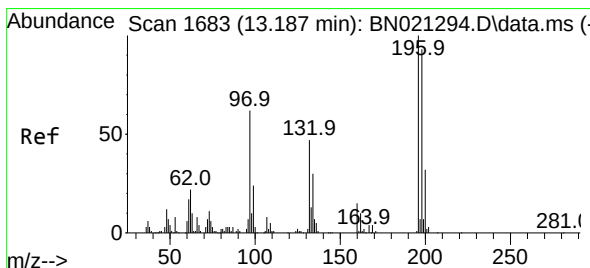
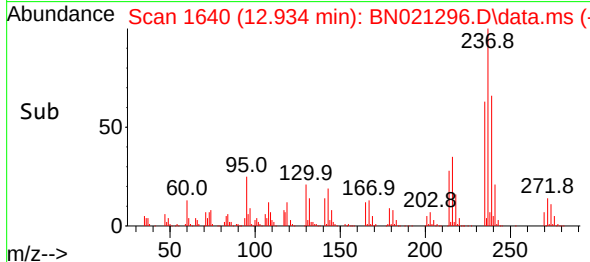
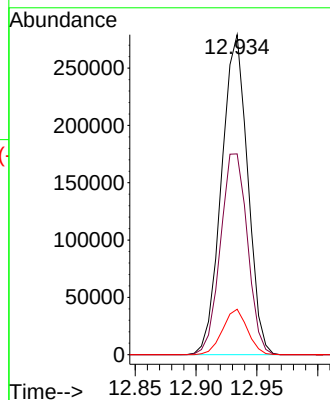
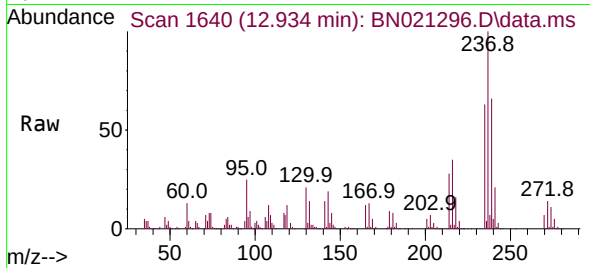




#40
Hexachlorocyclopentadiene
Concen: 78.372 ng/ul
RT: 12.934 min Scan# 1639
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

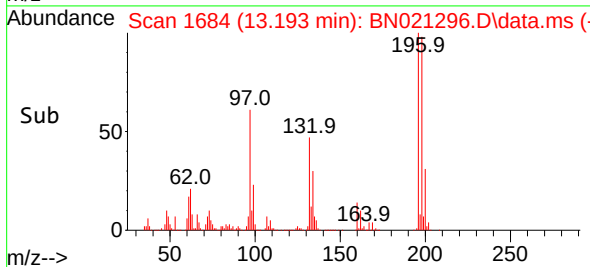
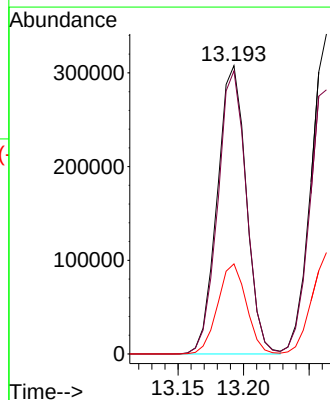
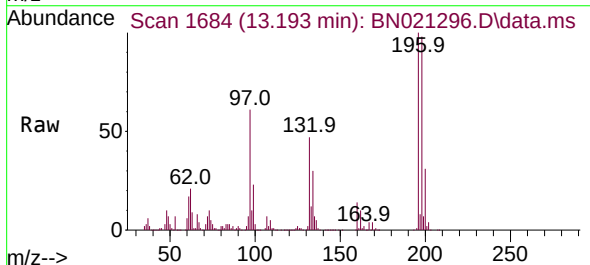
Instrument :
BNA_N
ClientSampleId :
SSTD080235

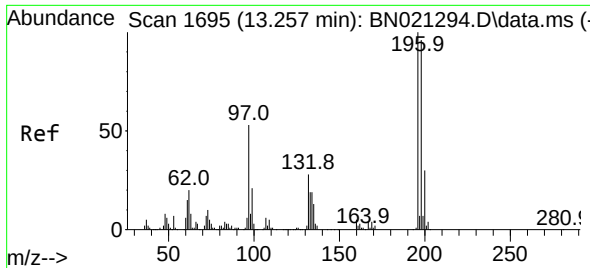
Tgt Ion:237 Resp: 417301
Ion Ratio Lower Upper
237 100
235 62.7 48.8 73.2
272 14.2 9.3 13.9#



#41
2,4,6-Trichlorophenol
Concen: 91.825 ng/ul
RT: 13.193 min Scan# 1684
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:196 Resp: 472920
Ion Ratio Lower Upper
196 100
198 98.2 79.8 119.8
200 31.3 25.0 37.6

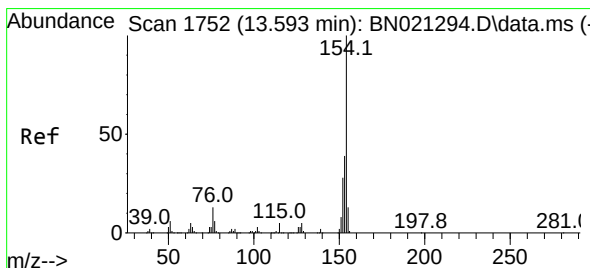
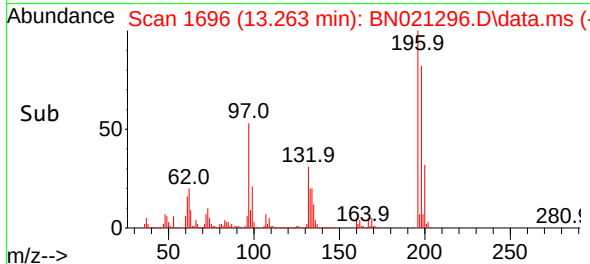
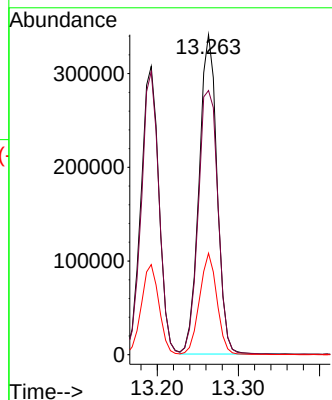
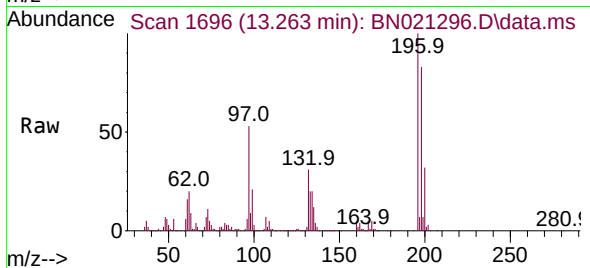




#42
2,4,5-Trichlorophenol
Concen: 93.689 ng/ul
RT: 13.263 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

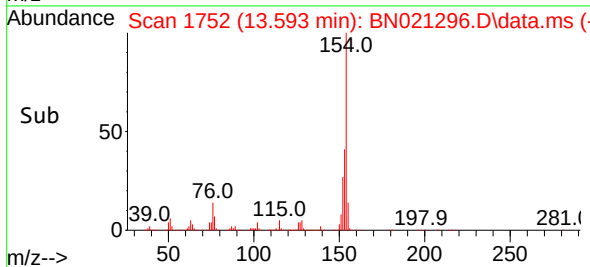
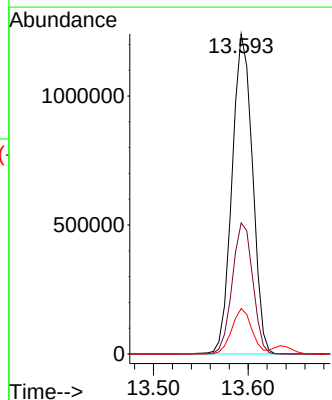
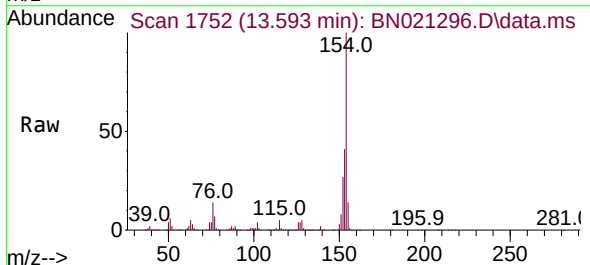
Instrument :
BNA_N
ClientSampleId :
SSTD080235

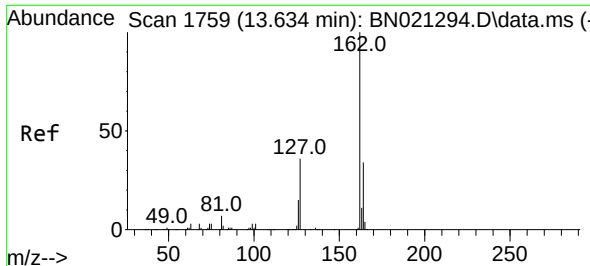
Tgt Ion:196 Resp: 524479
Ion Ratio Lower Upper
196 100
198 82.5 77.6 116.4
200 31.7 24.4 36.6



#43
1,1'-Biphenyl
Concen: 78.252 ng/ul
RT: 13.593 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:154 Resp: 1860285
Ion Ratio Lower Upper
154 100
153 41.0 31.5 47.3
76 14.2 10.5 15.7

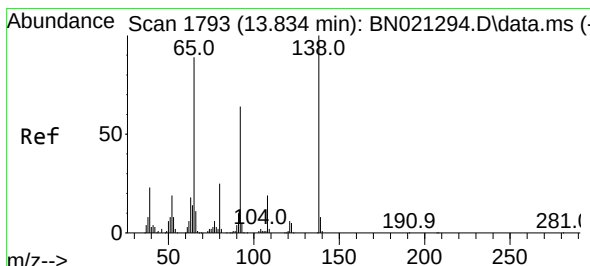
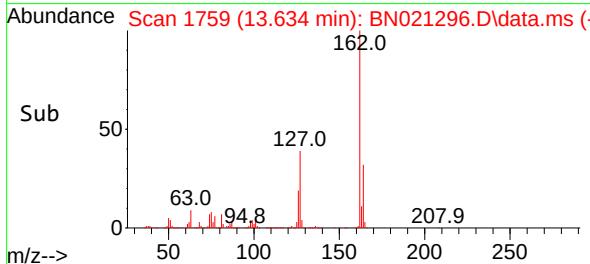
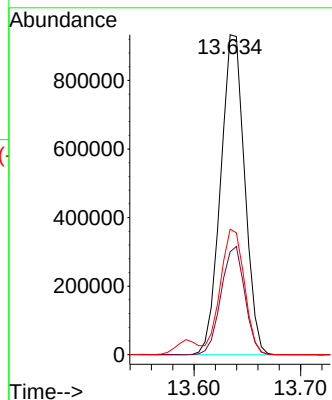
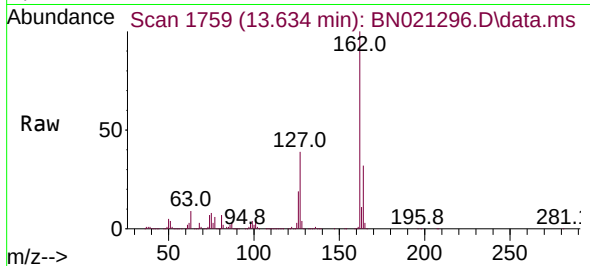




#44
2-Chloronaphthalene
Concen: 81.568 ng/ul
RT: 13.634 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

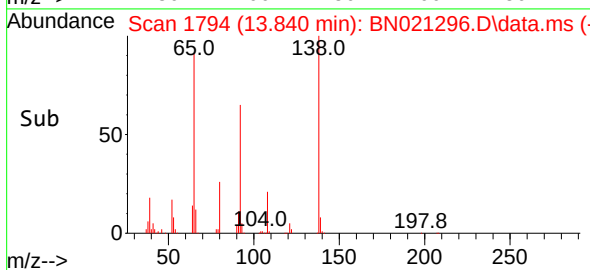
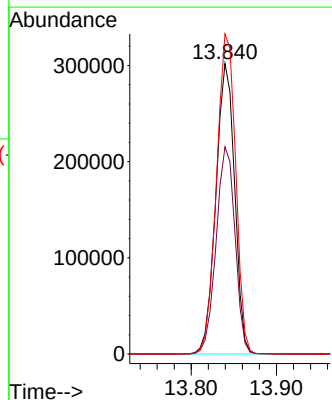
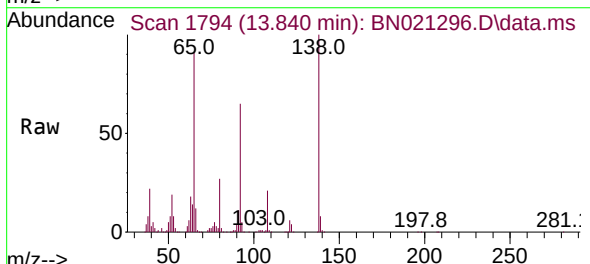
Instrument :
BNA_N
ClientSampleId :
SSTD080235

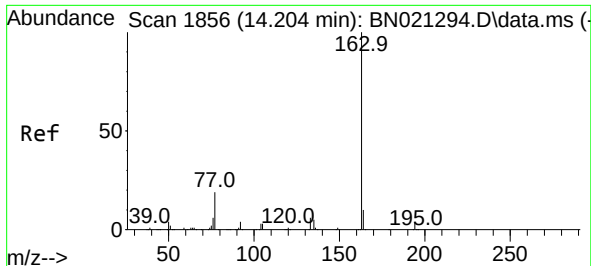
Tgt Ion:162 Resp: 1462207
Ion Ratio Lower Upper
162 100
164 32.2 25.8 38.6
127 39.2 31.4 47.2



#45
2-Nitroaniline
Concen: 125.062 ng/ul
RT: 13.840 min Scan# 1794
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion: 65 Resp: 463952
Ion Ratio Lower Upper
65 100
92 71.3 54.1 81.1
138 110.2 77.0 115.4

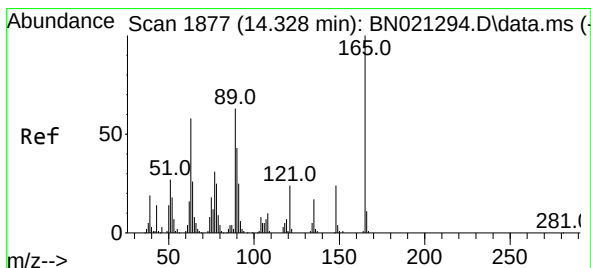
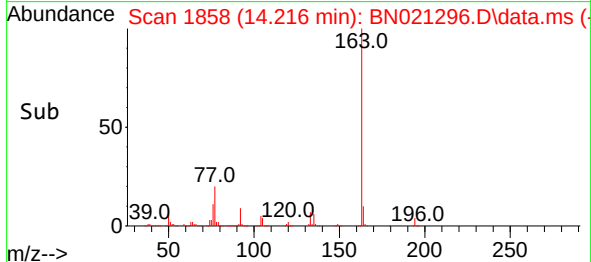
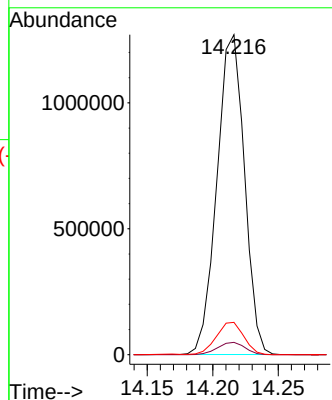
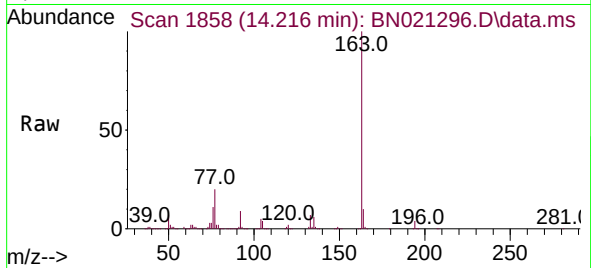




#47
Dimethylphthalate
Concen: 86.325 ng/ul
RT: 14.216 min Scan# 1858
Delta R.T. 0.012 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

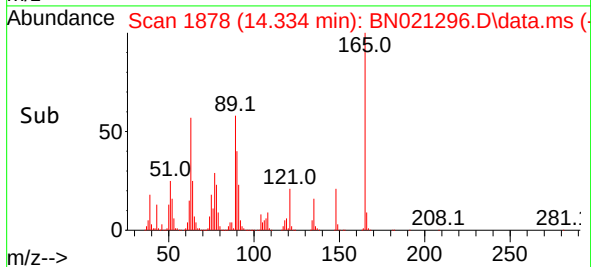
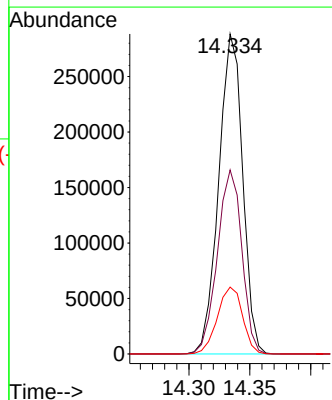
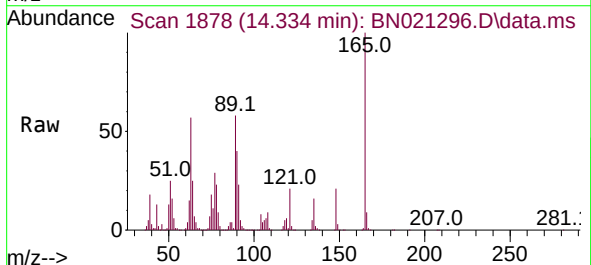
Instrument :
BNA_N
ClientSampleId :
SSTD080235

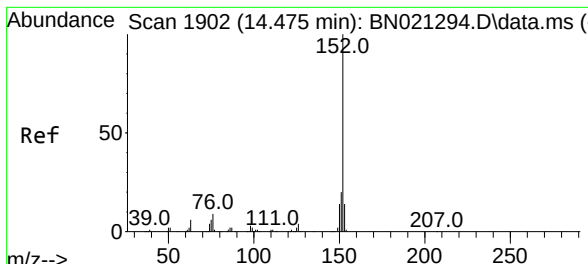
Tgt Ion:163 Resp: 1851741
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.1 7.7 11.5



#48
2,6-Dinitrotoluene
Concen: 125.501 ng/ul
RT: 14.334 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:165 Resp: 394952
Ion Ratio Lower Upper
165 100
89 57.5 50.6 75.8
121 20.9 17.9 26.9



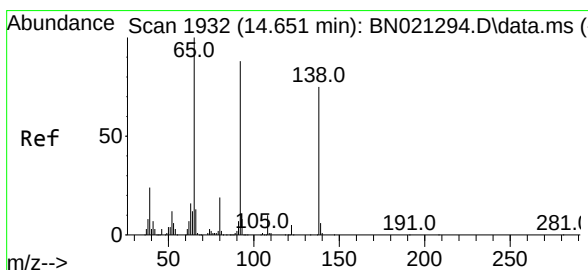
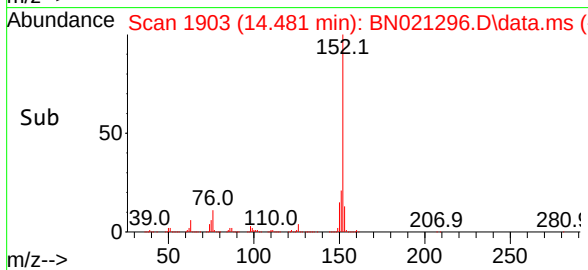
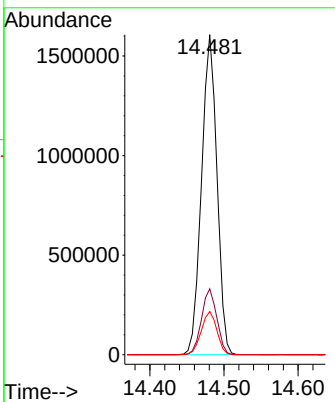
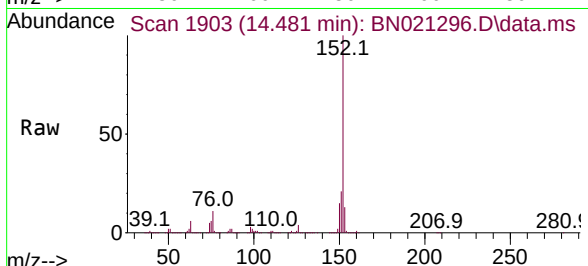


#50
Acenaphthylene
Concen: 79.565 ng/ul
RT: 14.481 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Instrument :
BNA_N
ClientSampleId :
SSTD080235

Tgt Ion:152 Resp: 2320913

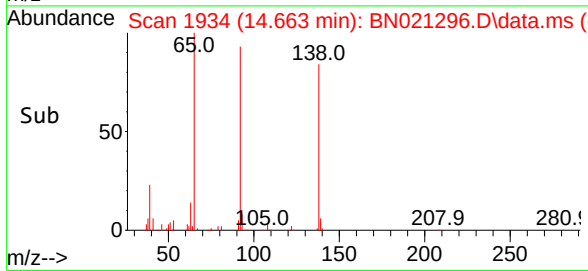
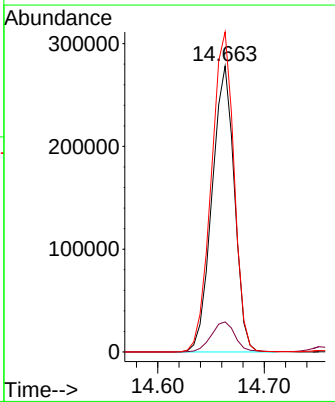
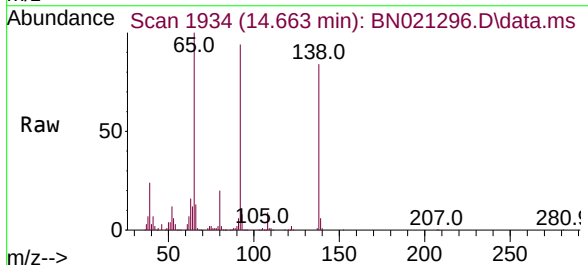
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.0	24.0
153	13.5	10.7	16.1

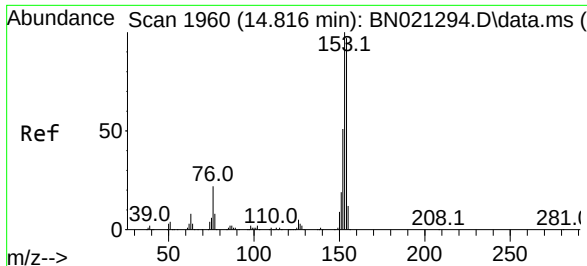


#51
3-Nitroaniline
Concen: 110.356 ng/ul
RT: 14.663 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:138 Resp: 405246

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.6	12.8
92	111.9	92.9	139.3

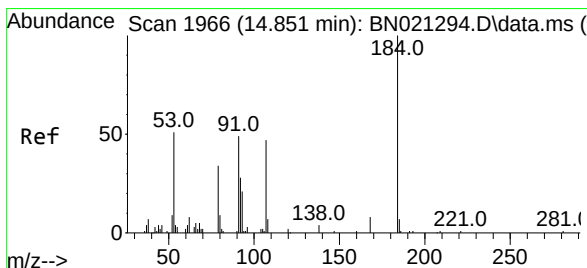
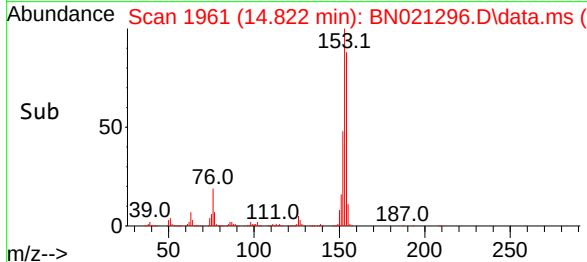
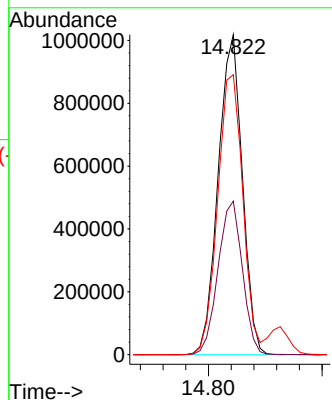
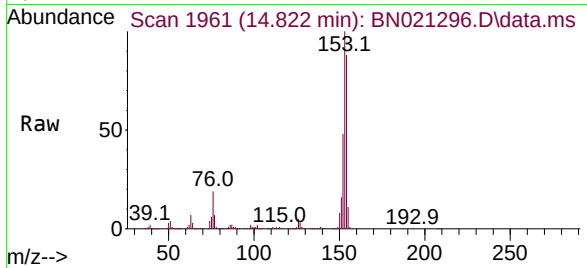




#52
Acenaphthene
Concen: 80.625 ng/ul
RT: 14.822 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

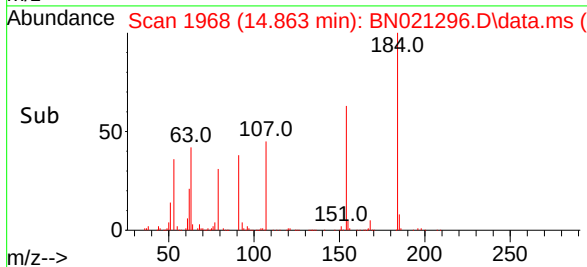
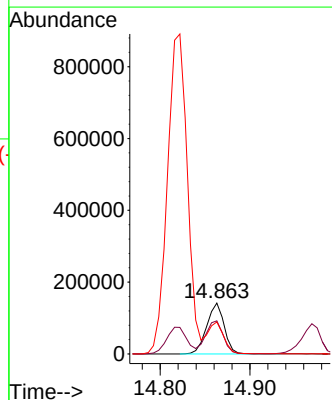
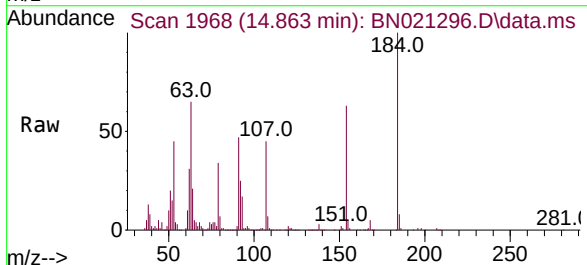
Instrument :
BNA_N
ClientSampleId :
SSTD080235

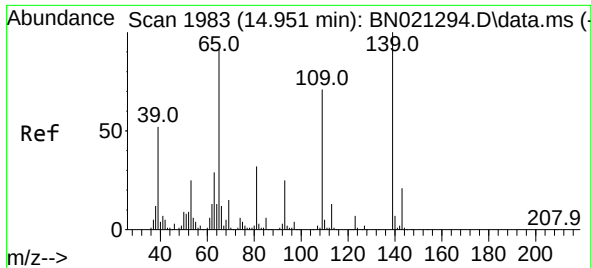
Tgt Ion:153 Resp: 1502945
Ion Ratio Lower Upper
153 100
152 48.0 38.4 57.6
154 87.5 69.7 104.5



#53
2,4-Dinitrophenol
Concen: 133.712 ng/ul
RT: 14.863 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:184 Resp: 191515
Ion Ratio Lower Upper
184 100
63 65.1 55.9 83.9
154 63.0 53.1 79.7

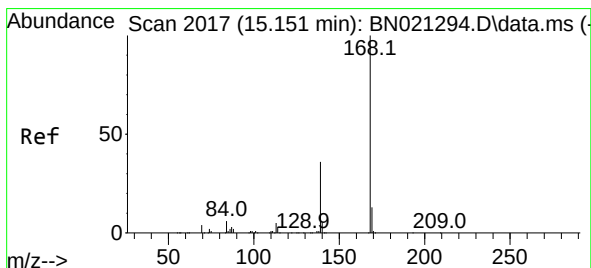
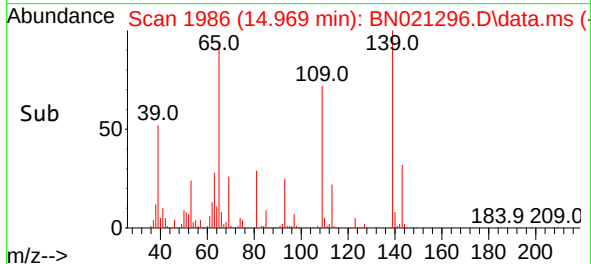
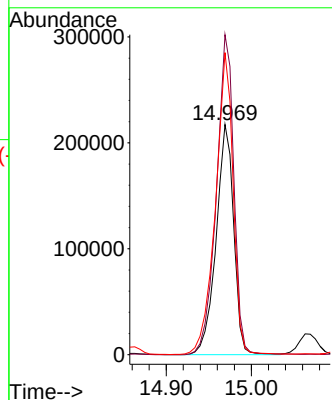
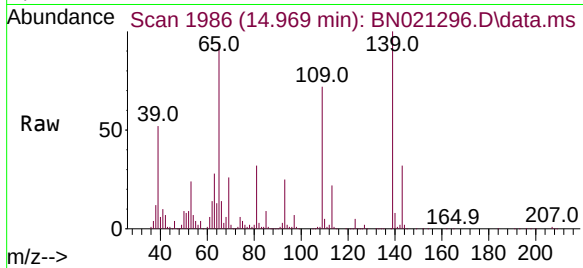




#55
4-Nitrophenol
Concen: 106.285 ng/ul
RT: 14.969 min Scan# 1983
Delta R.T. 0.018 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

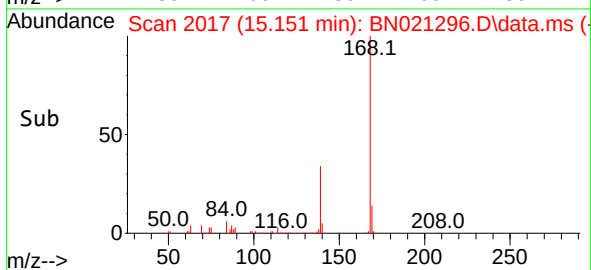
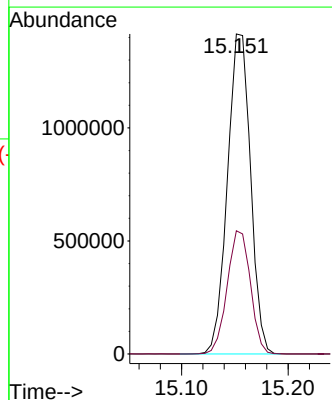
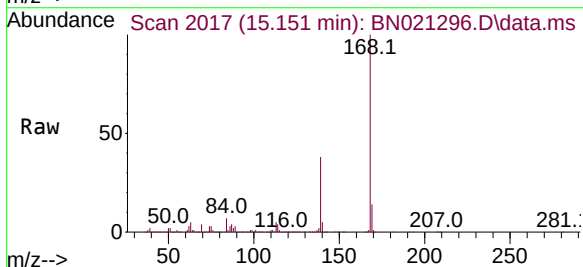
Instrument :
BNA_N
ClientSampleId :
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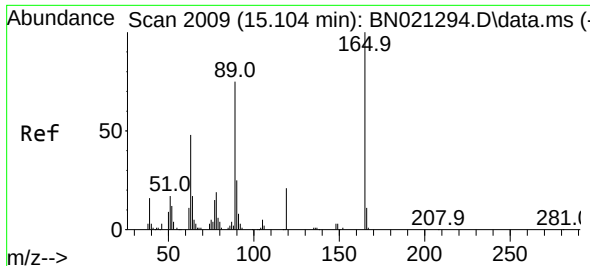
Tgt Ion:109 Resp: 312127
Ion Ratio Lower Upper
109 100
139 139.0 100.1 150.1
65 131.2 104.6 157.0



#56
Dibenzofuran
Concen: 80.906 ng/ul
RT: 15.151 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:168 Resp: 2133449
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7





#57

2,4-Dinitrotoluene

Concen: 131.552 ng/ul

RT: 15.116 min Scan# 2009

Delta R.T. 0.012 min

Lab File: BN021296.D

Acq: 19 Aug 2022 14:12

Instrument :

BNA_N

ClientSampleId :

SSTD080235

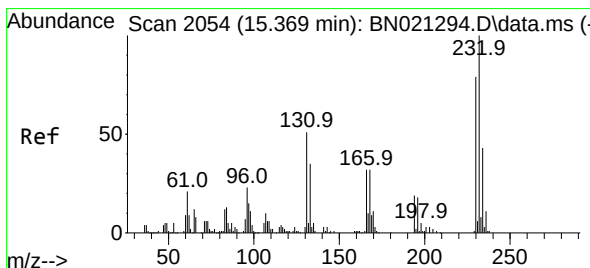
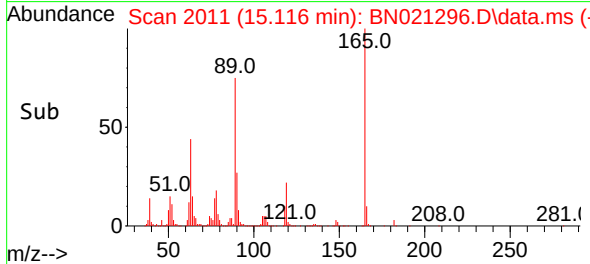
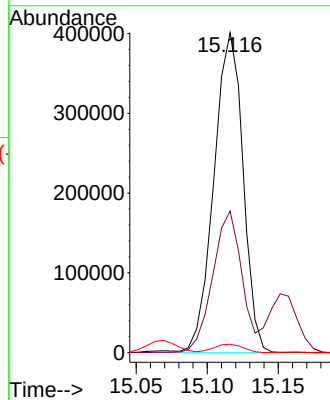
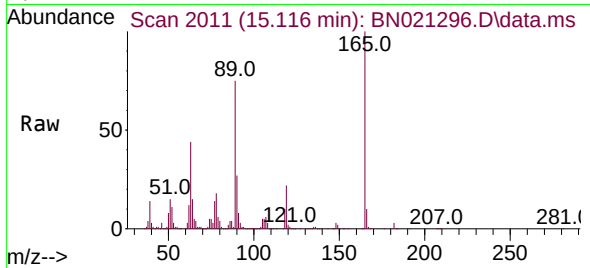
Tgt Ion:165 Resp: 570652

Ion Ratio Lower Upper

165 100

63 44.3 36.3 54.5

182 2.7 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 101.520 ng/ul

RT: 15.375 min Scan# 2055

Delta R.T. 0.006 min

Lab File: BN021296.D

Acq: 19 Aug 2022 14:12

Tgt Ion:232 Resp: 408582

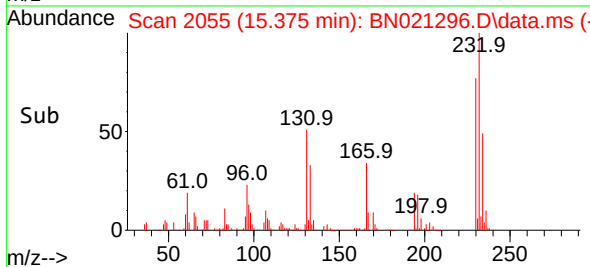
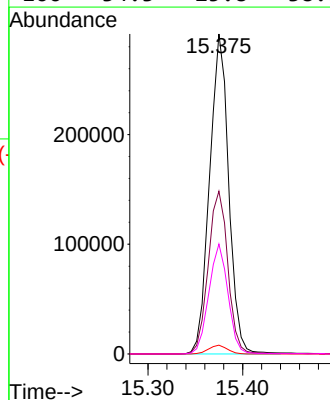
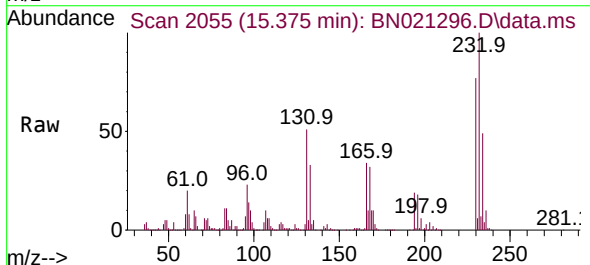
Ion Ratio Lower Upper

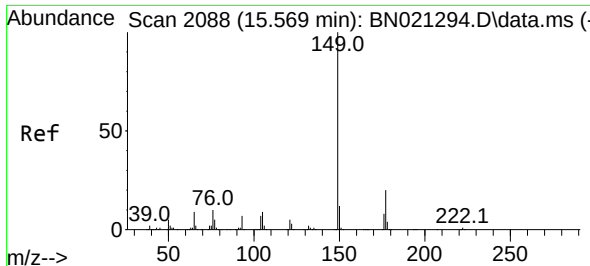
232 100

131 50.8 38.5 57.7

130 2.8 2.2 3.2

166 34.3 25.8 38.8

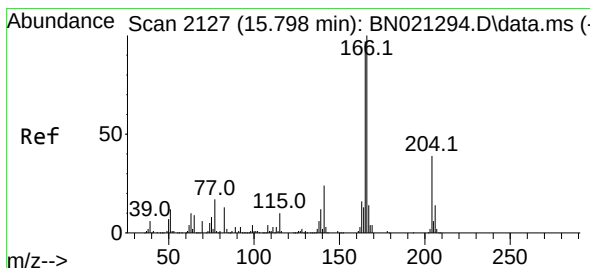
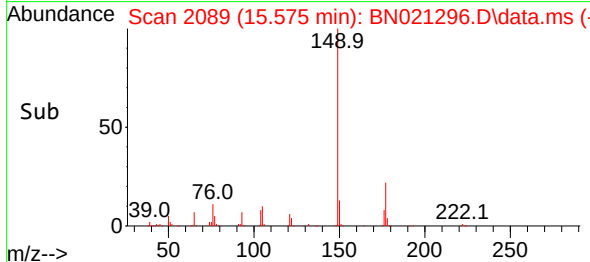
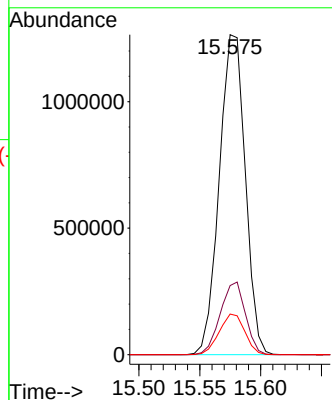
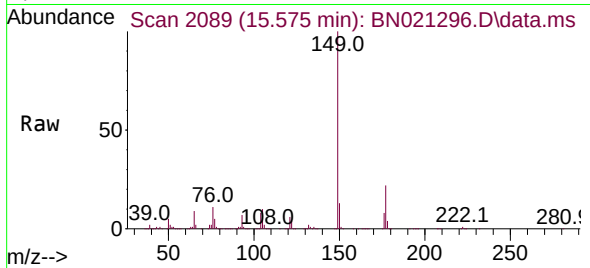




#59
Diethylphthalate
Concen: 87.319 ng/ul
RT: 15.575 min Scan# 2088
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

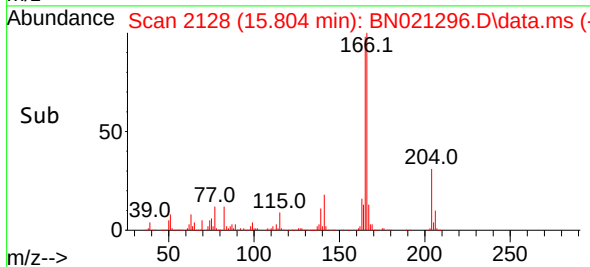
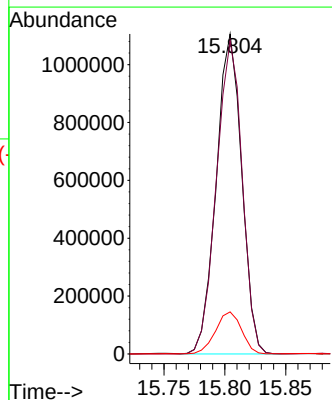
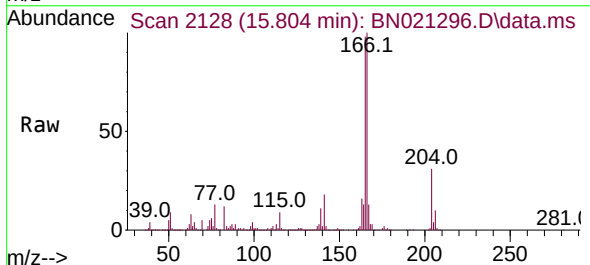
Instrument :
BNA_N
ClientSampleId :
SSTD080235

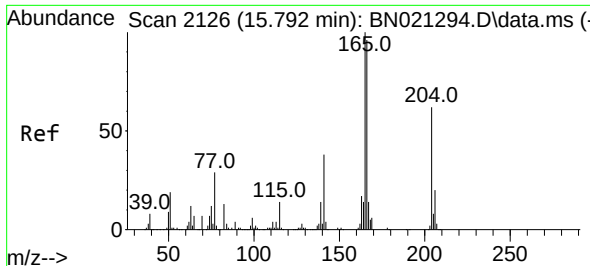
Tgt Ion:149 Resp: 1879249
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.7 10.5 15.7



#61
Fluorene
Concen: 77.294 ng/ul
RT: 15.804 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:166 Resp: 1610371
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 13.2 11.1 16.7

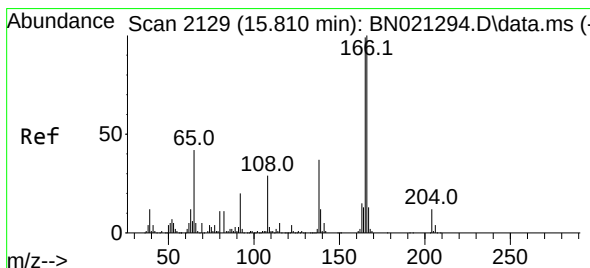
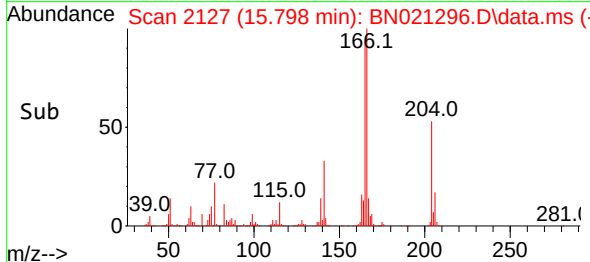
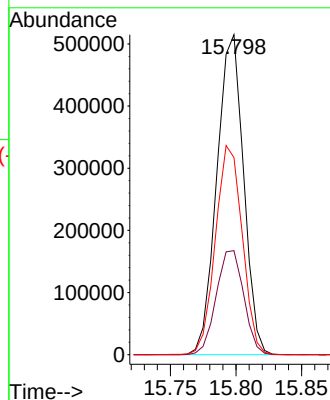
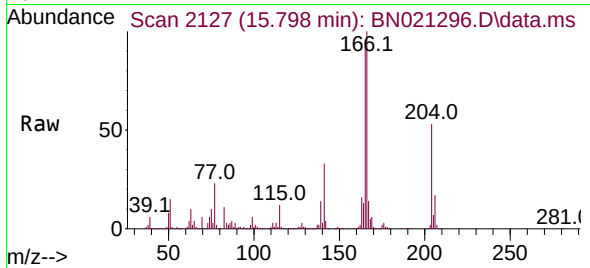




#62
4-Chlorophenyl-phenylether
Concen: 76.253 ng/ul
RT: 15.798 min Scan# 2126
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

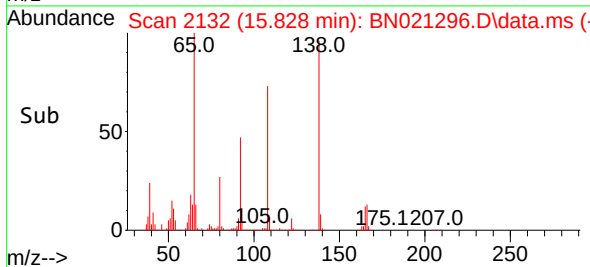
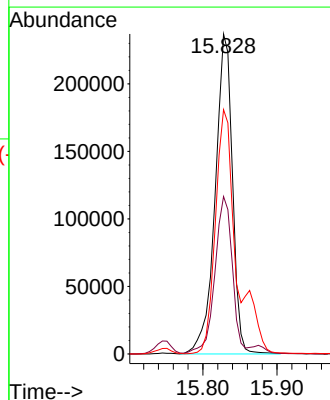
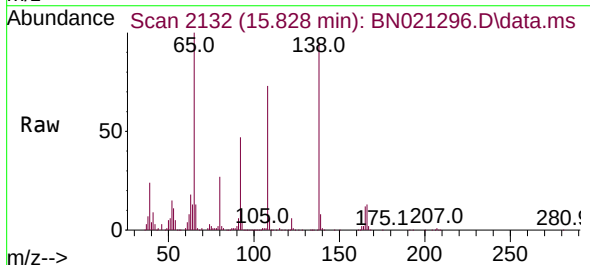
Instrument :
BNA_N
ClientSampleId :
SSTD080235

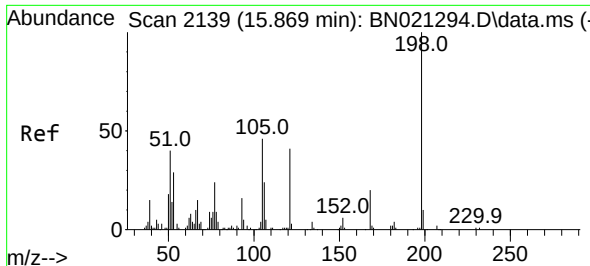
Tgt Ion:204 Resp: 730619
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 61.6 50.2 75.2



#63
4-Nitroaniline
Concen: 114.815 ng/ul
RT: 15.828 min Scan# 2132
Delta R.T. 0.018 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:138 Resp: 384497
Ion Ratio Lower Upper
138 100
92 49.2 41.0 61.6
108 76.3 65.3 97.9

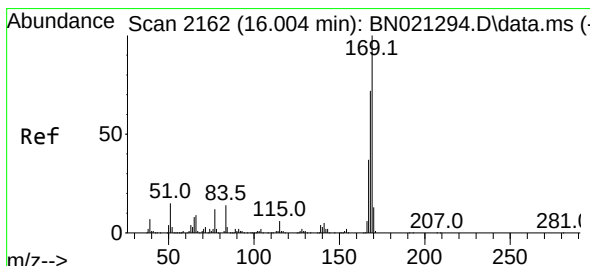
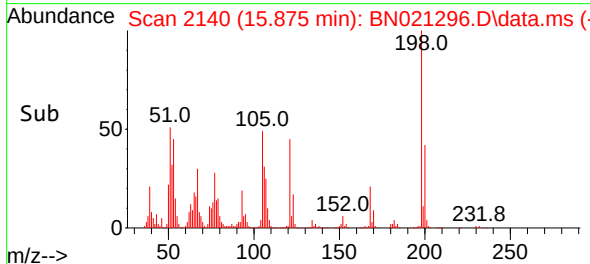
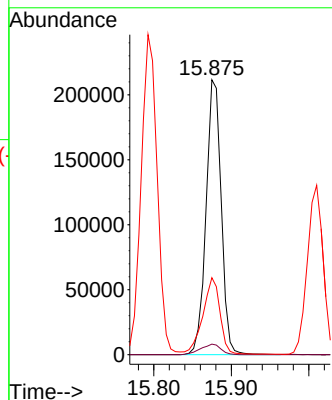
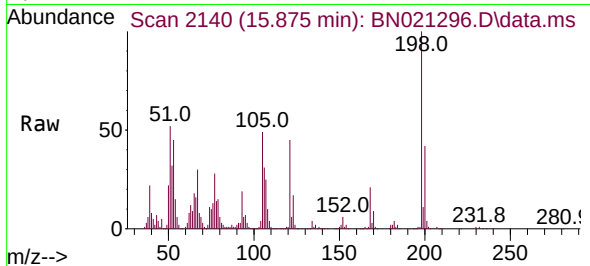




#66
4,6-Dinitro-2-methylphenol
Concen: 115.633 ng/ul
RT: 15.875 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

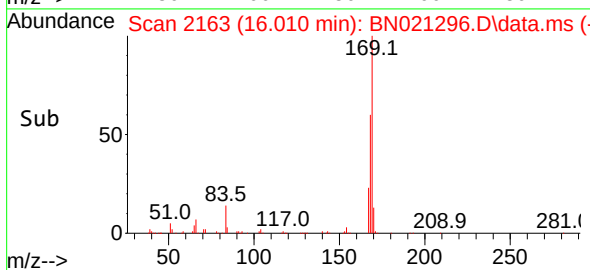
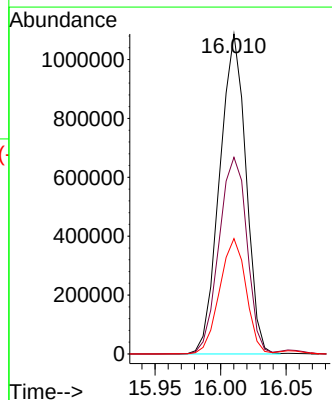
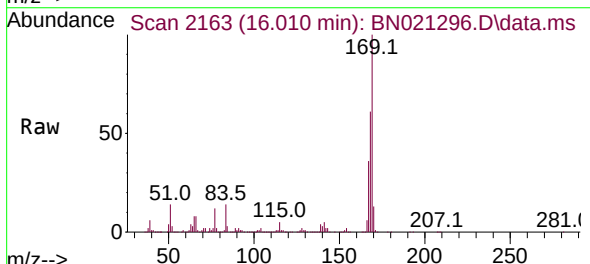
Instrument :
BNA_N
ClientSampleId :
SSTD080235

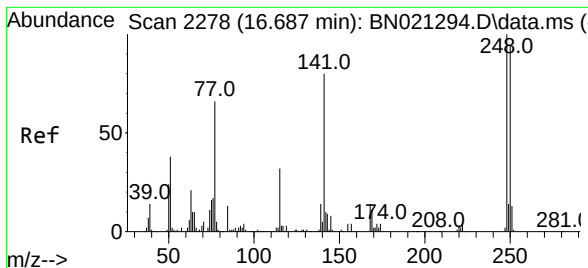
Tgt Ion:198 Resp: 287549
Ion Ratio Lower Upper
198 100
182 3.8 3.0 4.4
77 28.0 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 75.723 ng/ul
RT: 16.010 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:169 Resp: 1514928
Ion Ratio Lower Upper
169 100
168 61.4 52.4 78.6
167 36.0 27.5 41.3

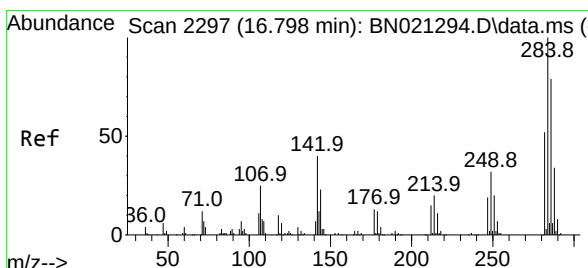
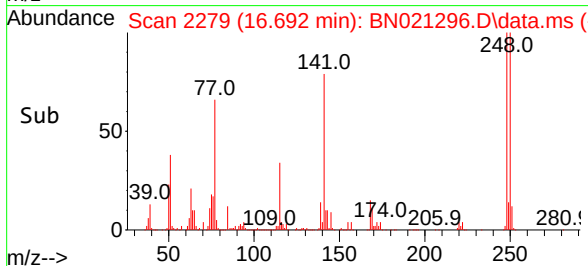
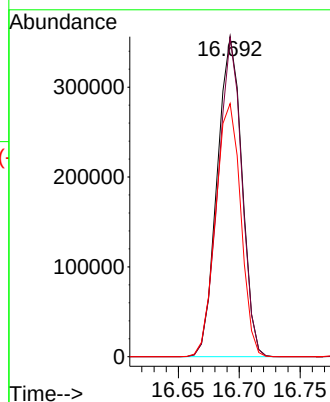
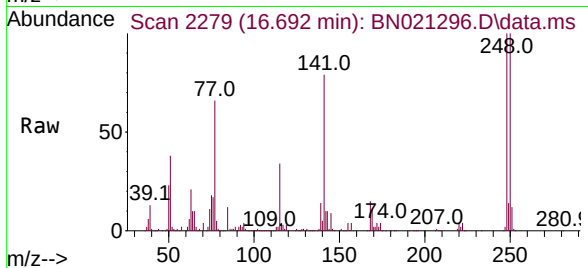




#68
4-Bromophenyl-phenylether
Concen: 78.783 ng/ul
RT: 16.692 min Scan# 2279
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

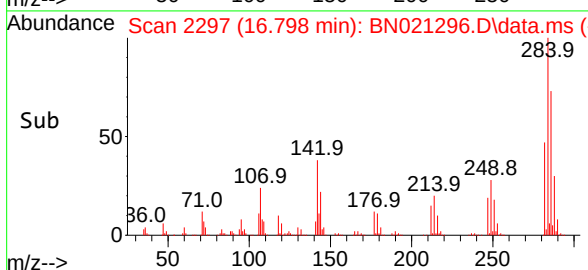
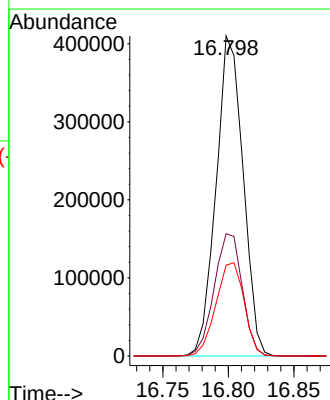
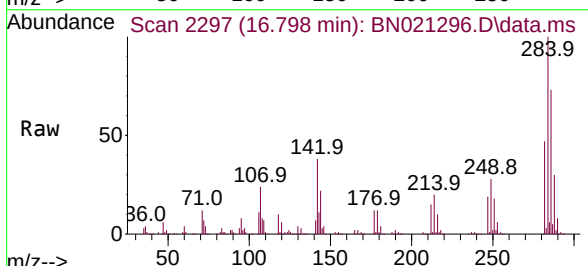
Instrument :
BNA_N
ClientSampleId :
SSTD080235

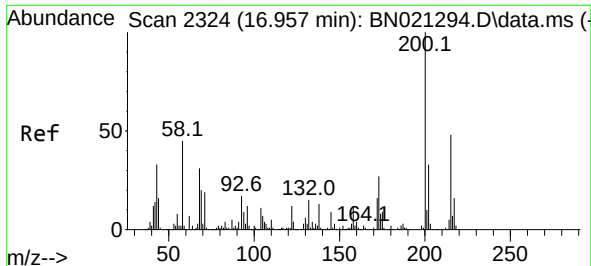
Tgt Ion:248 Resp: 503292
Ion Ratio Lower Upper
248 100
250 99.7 77.8 116.8
141 79.1 62.6 93.8



#69
Hexachlorobenzene
Concen: 78.927 ng/ul
RT: 16.798 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:284 Resp: 586683
Ion Ratio Lower Upper
284 100
142 38.2 27.8 41.8
249 28.4 25.7 38.5

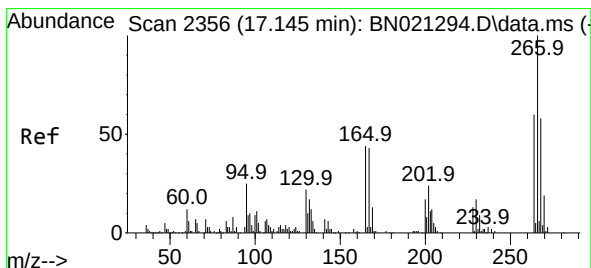
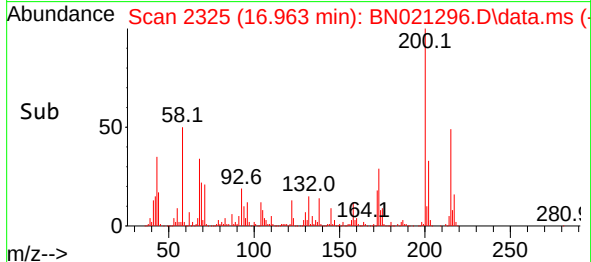
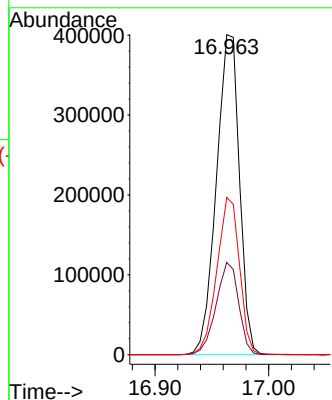
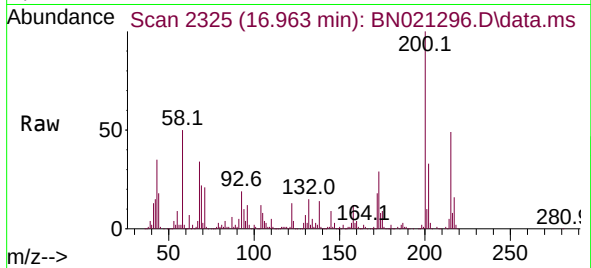




#70
Atrazine
Concen: 83.103 ng/ul
RT: 16.963 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

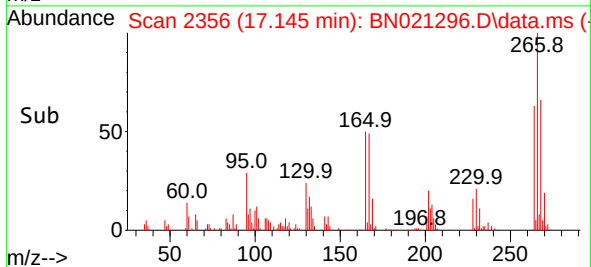
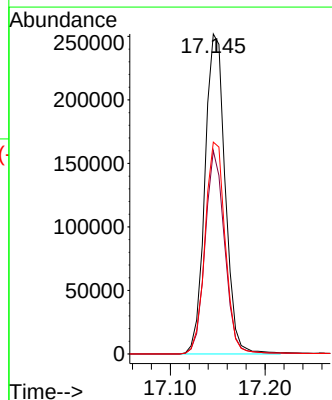
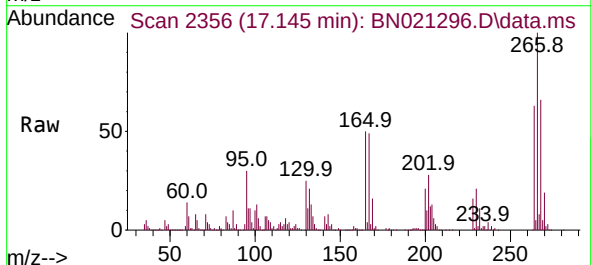
Instrument :
BNA_N
ClientSampleId :
SSTD080235

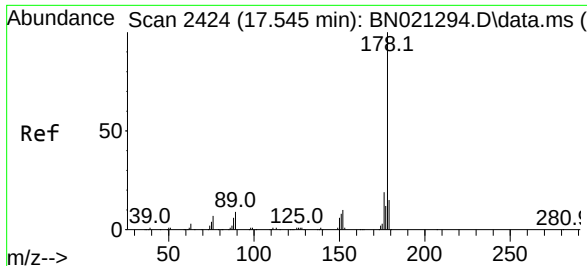
Tgt Ion:200 Resp: 566698
Ion Ratio Lower Upper
200 100
173 28.9 20.5 30.7
215 49.2 38.9 58.3



#71
Pentachlorophenol
Concen: 96.593 ng/ul
RT: 17.145 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:266 Resp: 374037
Ion Ratio Lower Upper
266 100
264 63.5 50.2 75.2
268 66.2 49.3 73.9

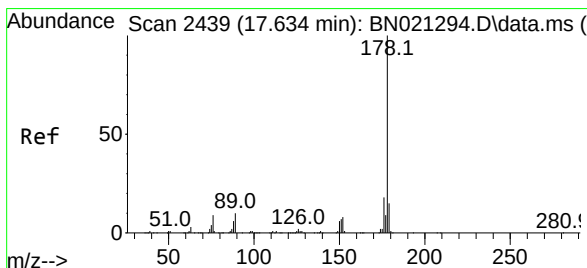
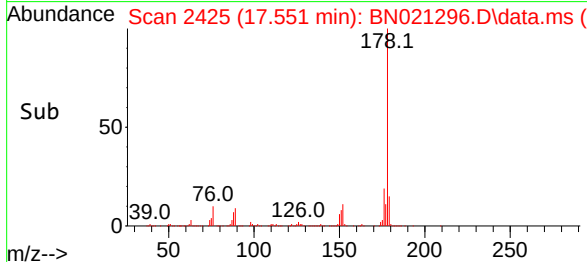
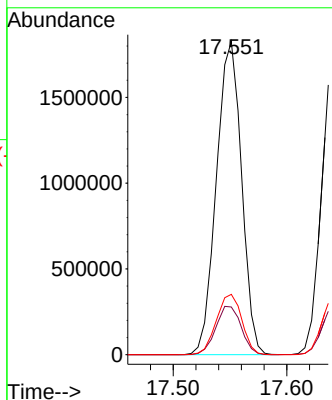
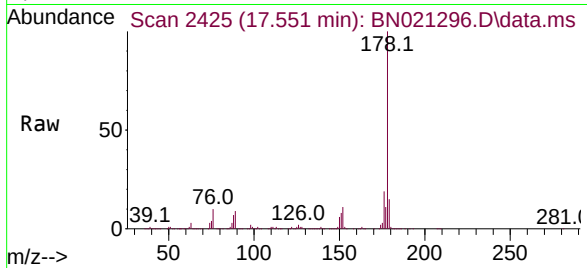




#72
Phenanthrene
Concen: 78.033 ng/u1
RT: 17.551 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

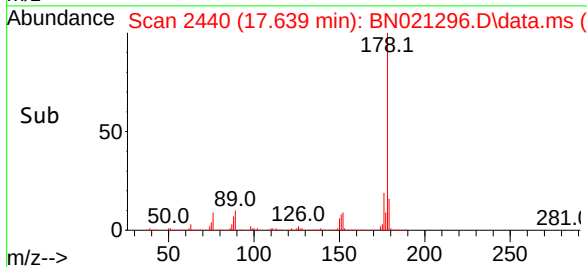
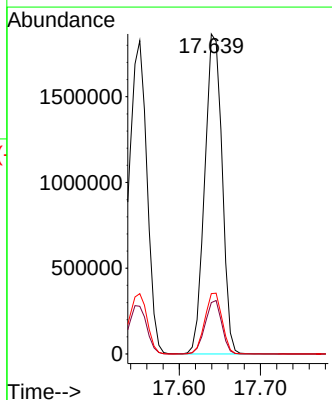
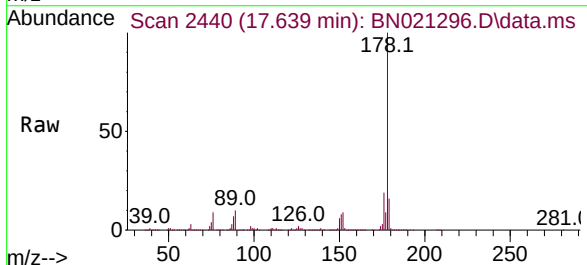
Instrument :
BNA_N
ClientSampleId :
SSTD080235

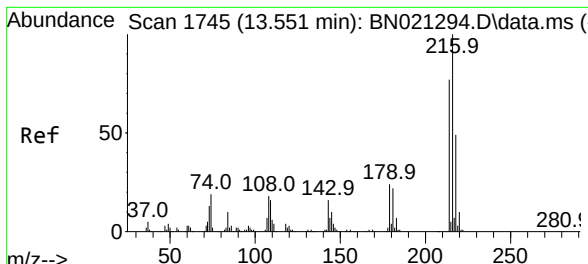
Tgt Ion:178 Resp: 2810854
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.3 15.2 22.8



#74
Anthracene
Concen: 75.705 ng/u1
RT: 17.639 min Scan# 2440
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:178 Resp: 2767009
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 18.8 15.5 23.3

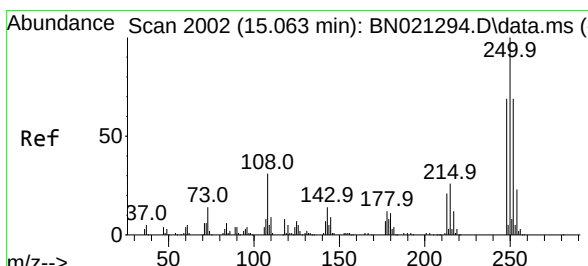
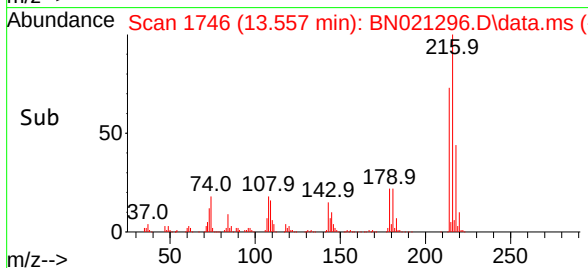
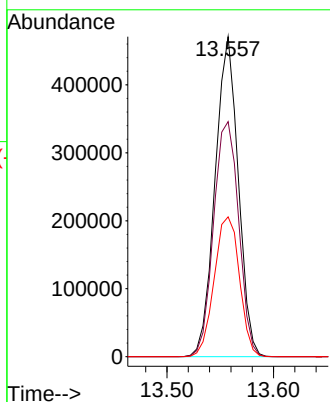
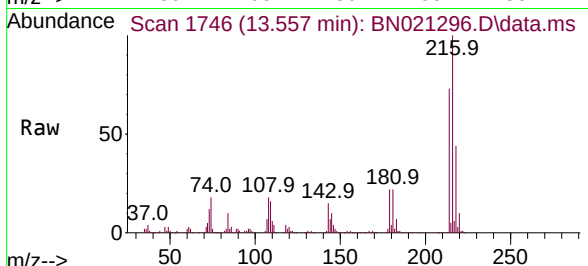




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 72.477 ng/uL
 RT: 13.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BN021296.D
 Acq: 19 Aug 2022 14:12

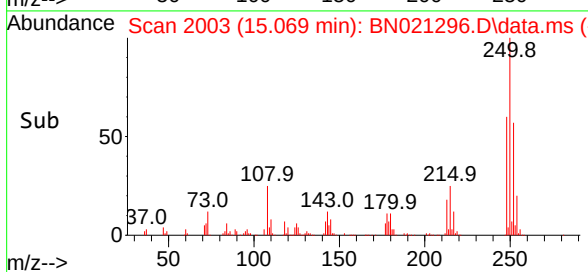
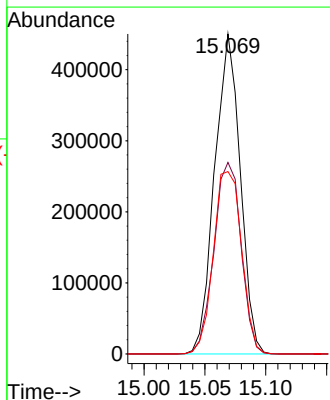
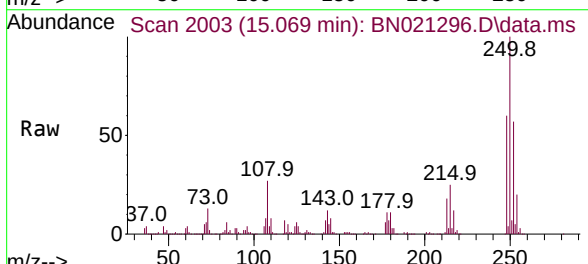
Instrument :
 BNA_N
 ClientSampleId :
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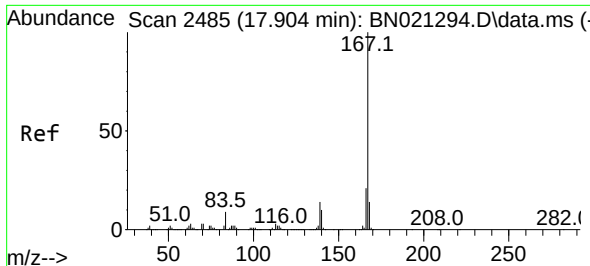
Tgt Ion:	216	Resp:	710444
Ion Ratio	Lower	Upper	
216	100		
214	73.4	63.2	94.8
218	43.7	37.9	56.9



#76
 Pentachlorobenzene
 Concen: 74.207 ng/uL
 RT: 15.069 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: BN021296.D
 Acq: 19 Aug 2022 14:12

Tgt Ion:	250	Resp:	659276
Ion Ratio	Lower	Upper	
250	100		
248	59.9	53.0	79.4
252	57.0	53.4	80.2

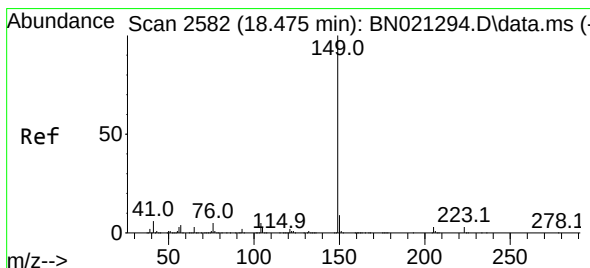
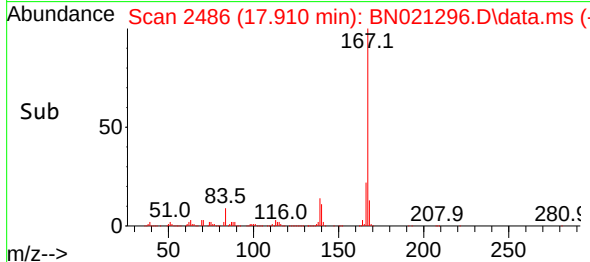
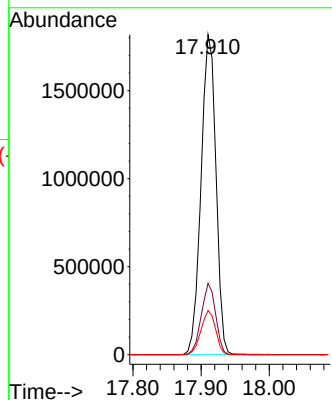
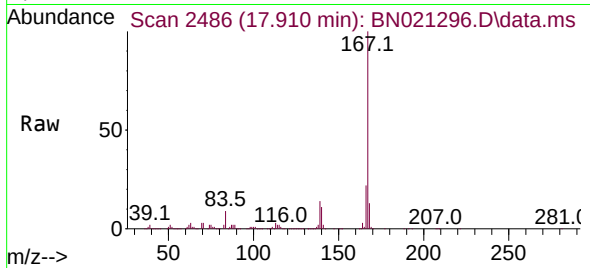




#77
 Carbazole
 Concen: 82.777 ng/ul
 RT: 17.910 min Scan# 2486
 Delta R.T. 0.006 min
 Lab File: BN021296.D
 Acq: 19 Aug 2022 14:12

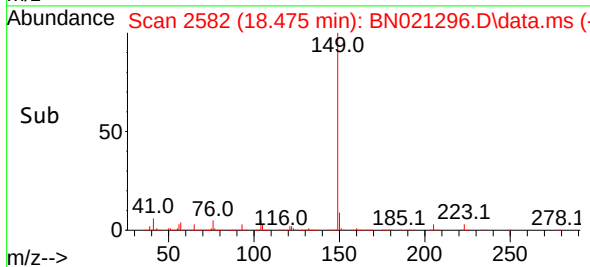
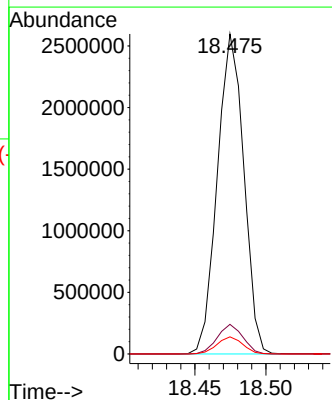
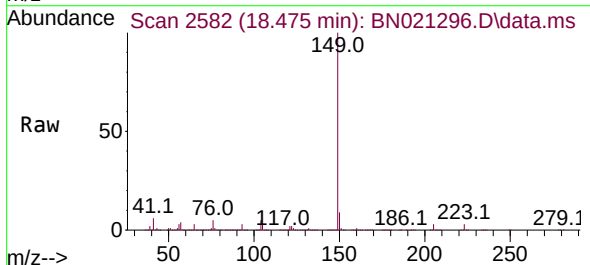
Instrument :
 BNA_N
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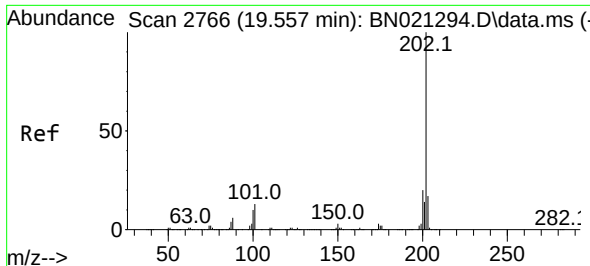
Tgt Ion:167 Resp: 2760228
 Ion Ratio Lower Upper
 167 100
 166 22.3 16.1 24.1
 139 13.8 10.2 15.2



#78
 Di-n-butylphthalate
 Concen: 83.124 ng/ul
 RT: 18.475 min Scan# 2582
 Delta R.T. 0.000 min
 Lab File: BN021296.D
 Acq: 19 Aug 2022 14:12

Tgt Ion:149 Resp: 3362042
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.1 10.7
 104 5.3 4.1 6.1

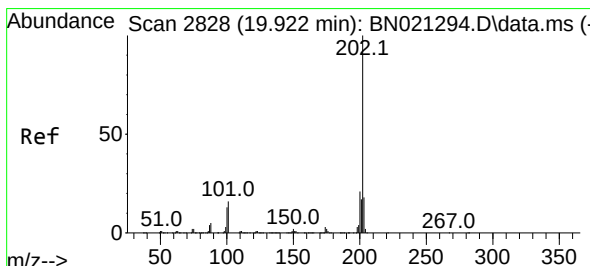
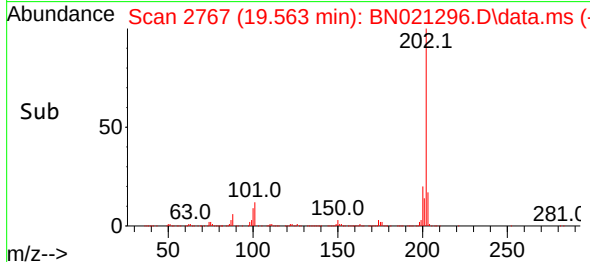
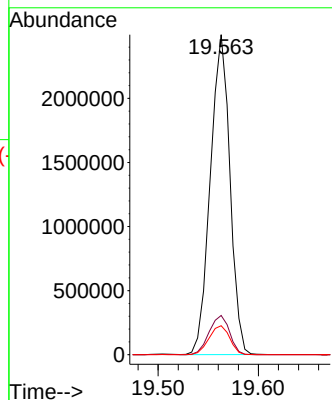
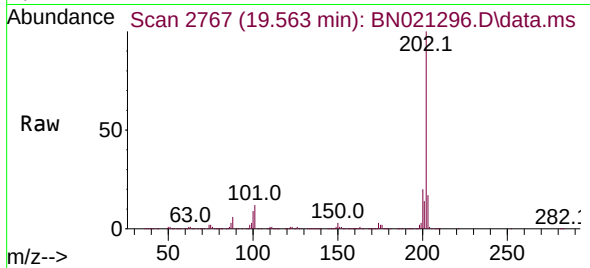




#80
Fluoranthene
Concen: 76.607 ng/u1
RT: 19.563 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

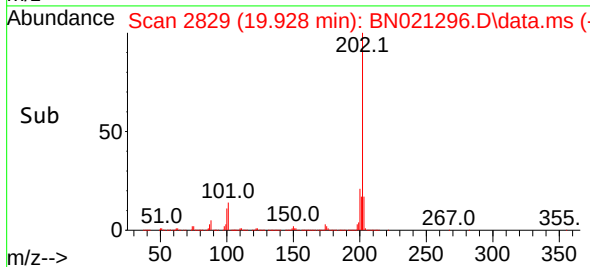
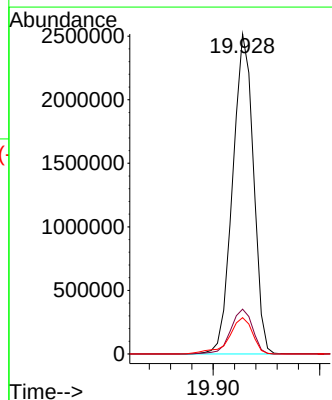
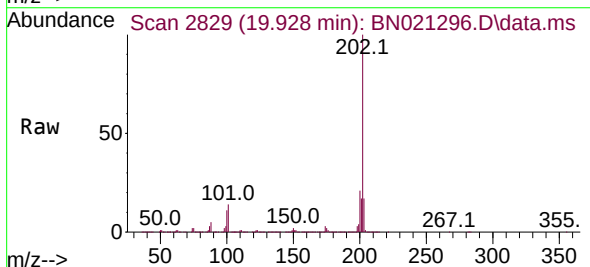
Instrument :
BNA_N
ClientSampleId :
SSTD080235

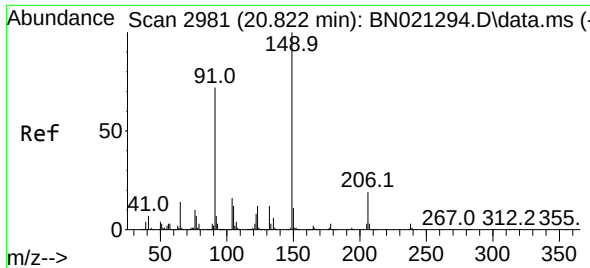
Tgt Ion:202 Resp: 3392170
Ion Ratio Lower Upper
202 100
101 12.2 8.9 13.3
100 9.1 6.7 10.1



#82
Pyrene
Concen: 74.538 ng/u1
RT: 19.928 min Scan# 2829
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:202 Resp: 3414371
Ion Ratio Lower Upper
202 100
101 14.0 9.7 14.5
100 11.4 8.0 12.0

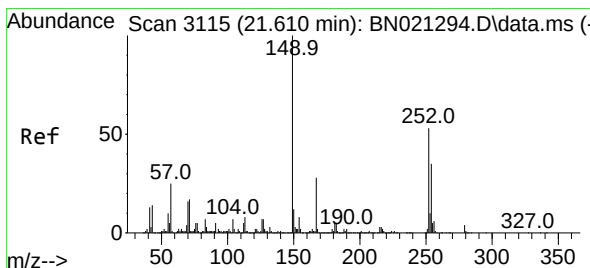
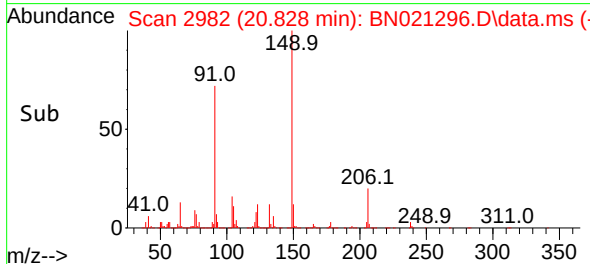
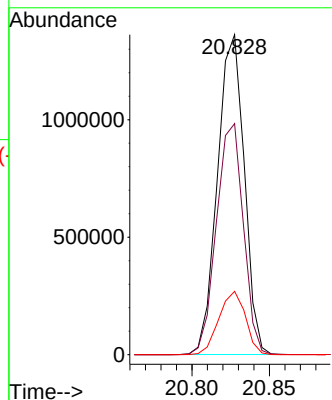
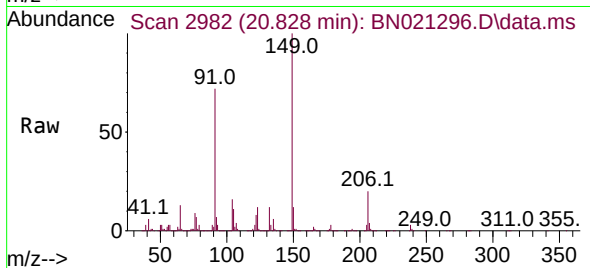




#83
Butylbenzylphthalate
Concen: 91.935 ng/ul
RT: 20.828 min Scan# 2981
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

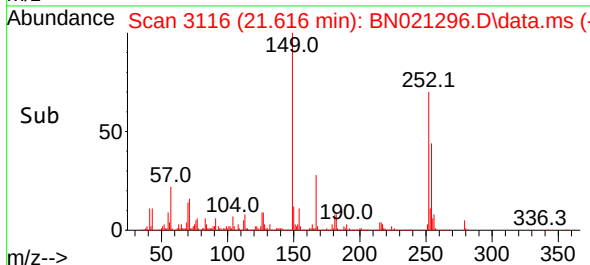
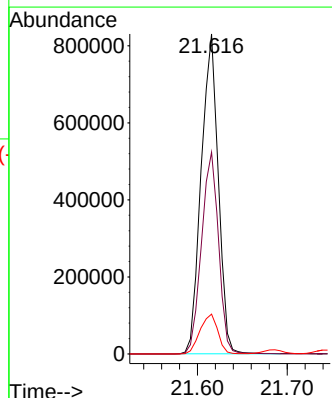
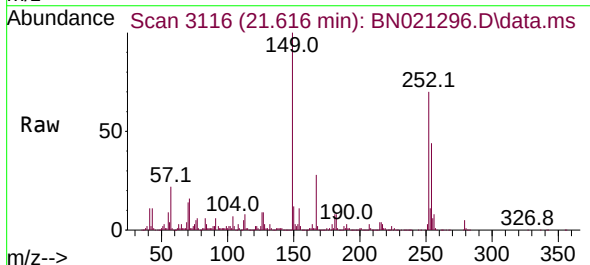
Instrument :
BNA_N
ClientSampleId :
SSTD080235

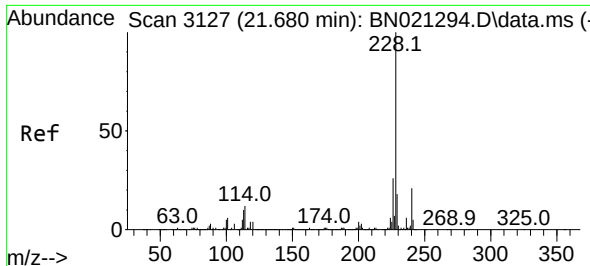
Tgt Ion:149 Resp: 1639829
Ion Ratio Lower Upper
149 100
91 72.2 58.8 88.2
206 19.8 18.1 27.1



#84
3,3'-Dichlorobenzidine
Concen: 80.076 ng/ul
RT: 21.616 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:252 Resp: 1098245
Ion Ratio Lower Upper
252 100
254 63.0 50.8 76.2
126 12.4 8.2 12.4#

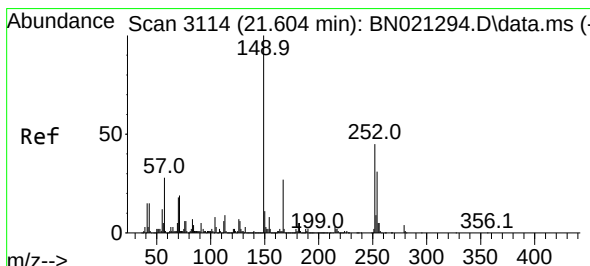
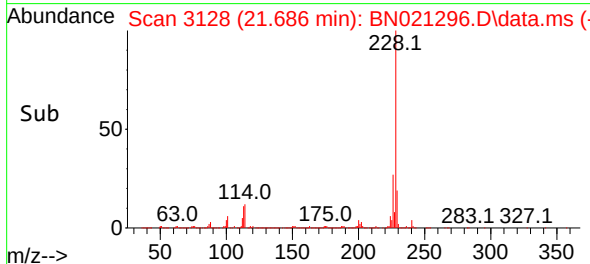
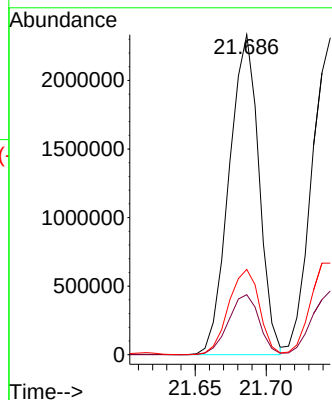
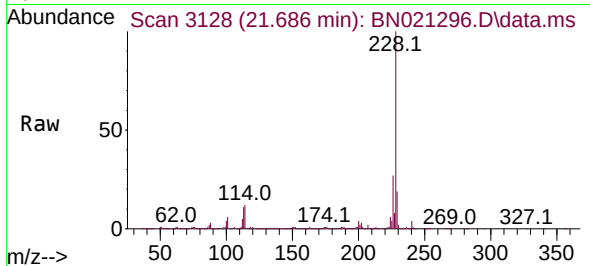




#85
Benzo(a)anthracene
Concen: 79.357 ng/ul
RT: 21.686 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

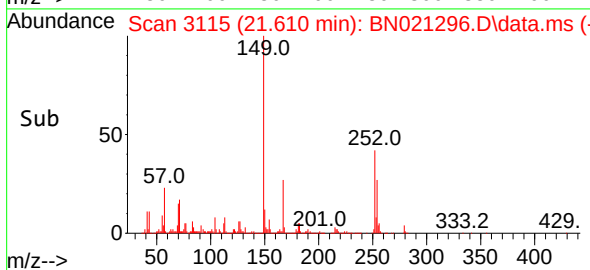
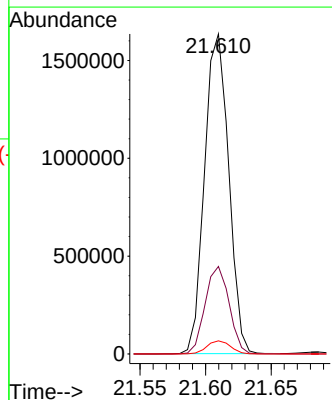
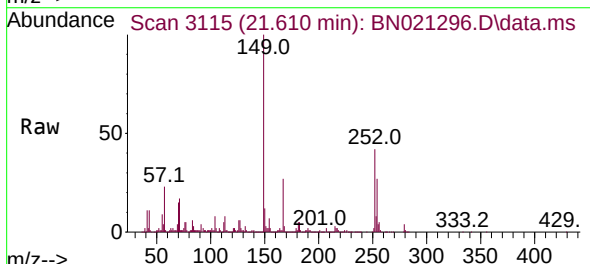
Instrument :
BNA_N
ClientSampleId :
SSTD080235

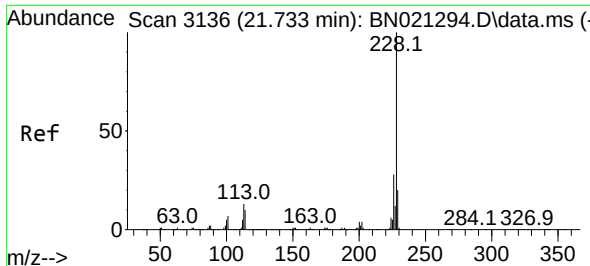
Tgt Ion:228 Resp: 3410192
Ion Ratio Lower Upper
228 100
229 18.7 16.3 24.5
226 26.7 23.2 34.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 73.975 ng/ul
RT: 21.610 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:149 Resp: 2093996
Ion Ratio Lower Upper
149 100
167 27.4 22.5 33.7
279 4.1 3.5 5.3

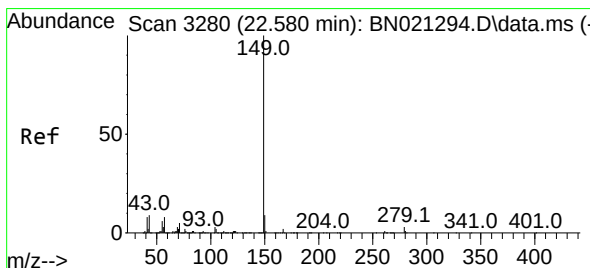
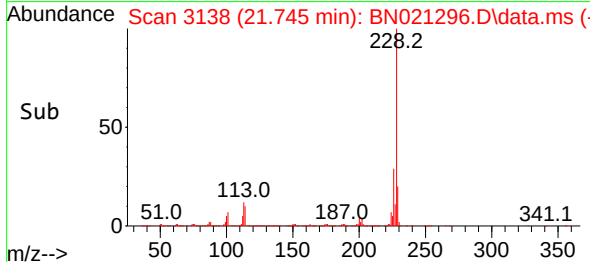
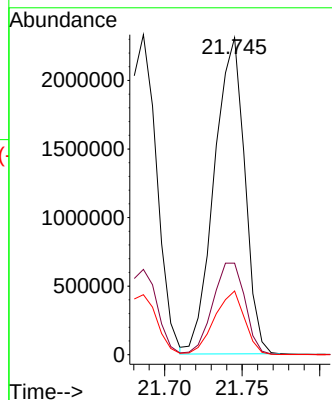
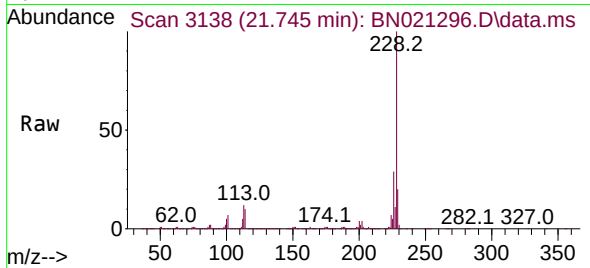




#87
Chrysene
Concen: 75.772 ng/ul
RT: 21.745 min Scan# 3136
Delta R.T. 0.012 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

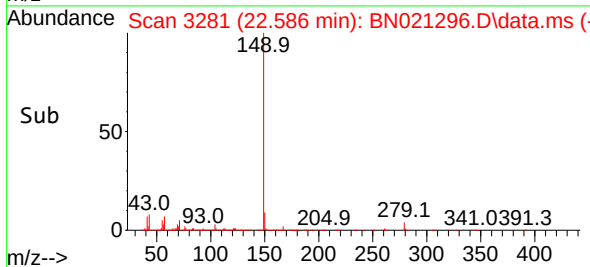
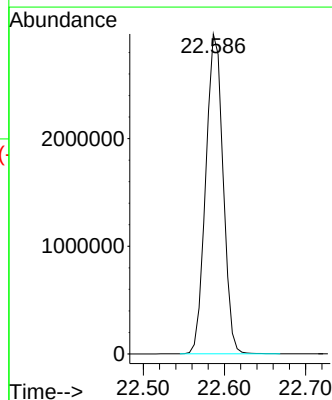
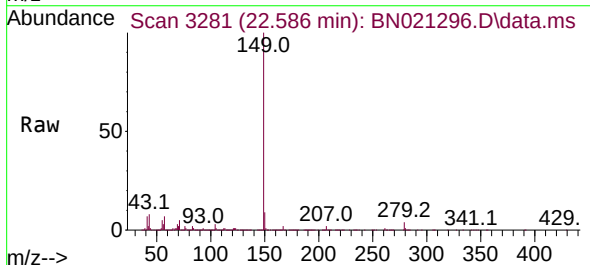
Instrument :
BNA_N
ClientSampleId :
SSTD080235

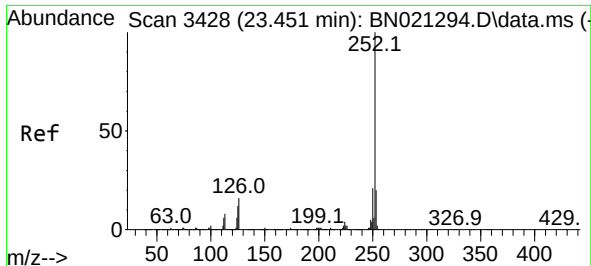
Tgt Ion:228 Resp: 3152652
Ion Ratio Lower Upper
228 100
226 28.9 24.2 36.2
229 20.1 16.2 24.2



#89
Di-n-octyl phthalate
Concen: 77.469 ng/ul
RT: 22.586 min Scan# 3281
Delta R.T. 0.006 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:149 Resp: 4384834

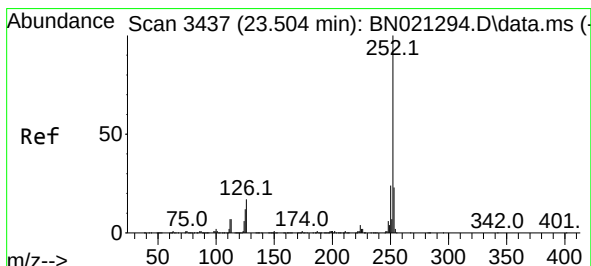
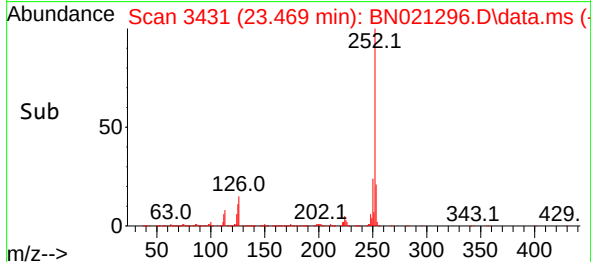
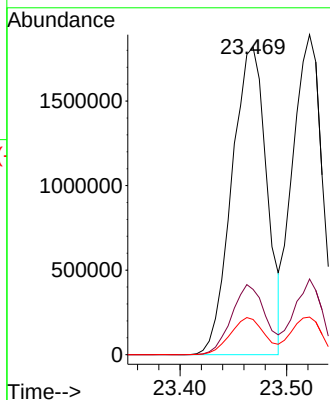
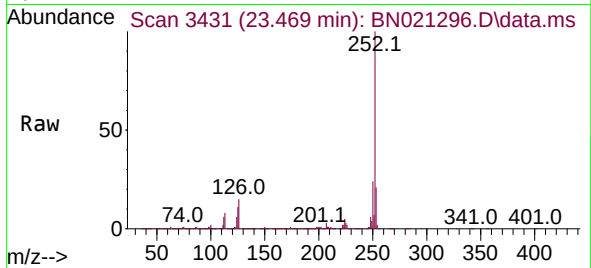




#90
Benzo(b)fluoranthene
Concen: 79.922 ng/ul
RT: 23.469 min Scan# 3428
Delta R.T. 0.018 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

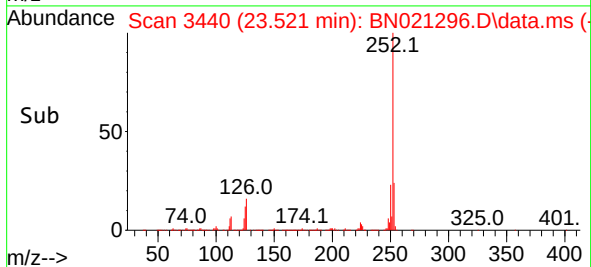
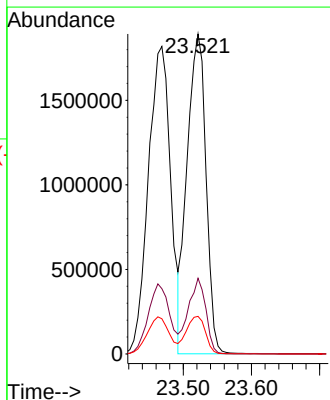
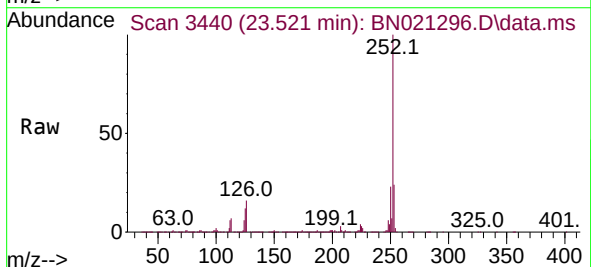
Instrument :
BNA_N
ClientSampleId :
SSTD080235

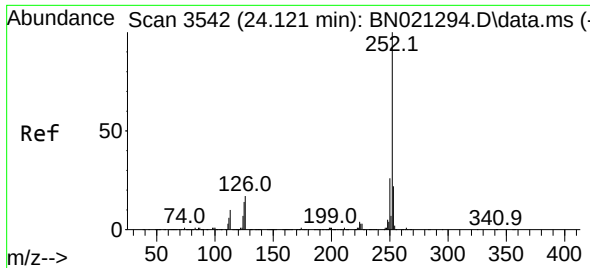
Tgt Ion:252 Resp: 4151260
Ion Ratio Lower Upper
252 100
253 21.3 16.5 24.7
125 11.5 7.8 11.8



#91
Benzo(k)fluoranthene
Concen: 75.749 ng/ul
RT: 23.521 min Scan# 3440
Delta R.T. 0.018 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:252 Resp: 3626822
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 11.8 8.2 12.4

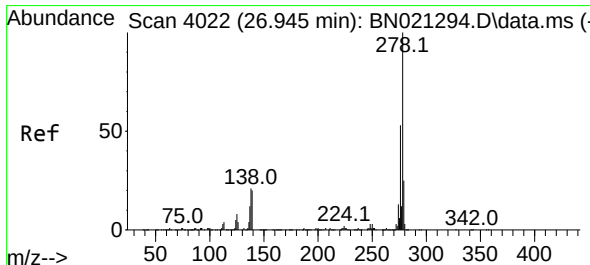
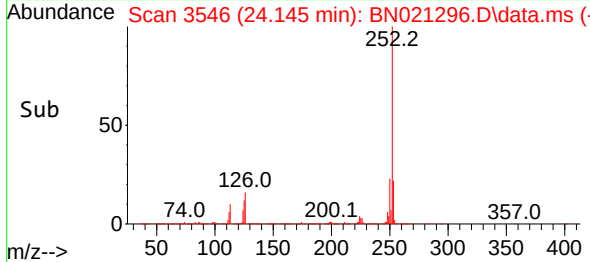
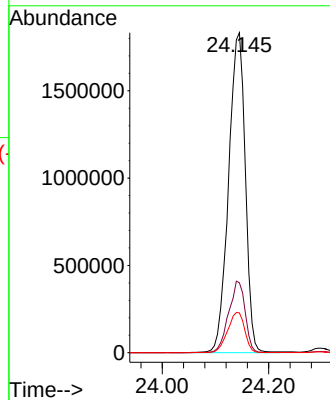
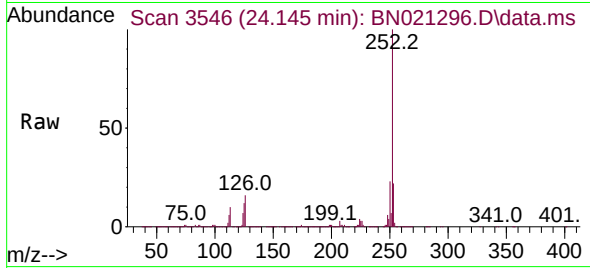




#93
Benzo(a)pyrene
Concen: 79.942 ng/u1
RT: 24.145 min Scan# 3546
Delta R.T. 0.024 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

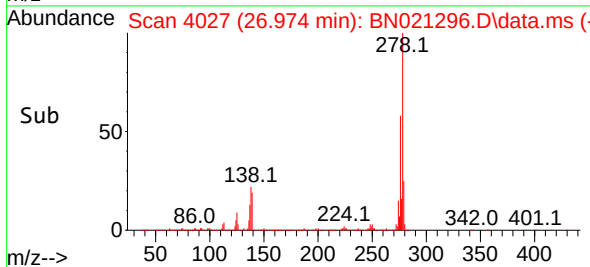
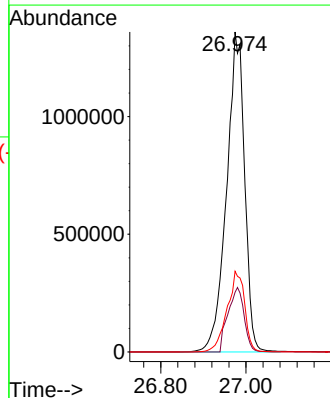
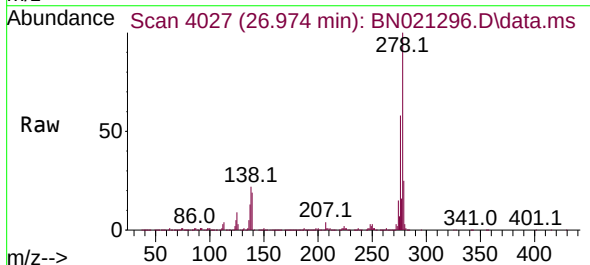
Instrument :
BNA_N
ClientSampleId :
SSTD080235

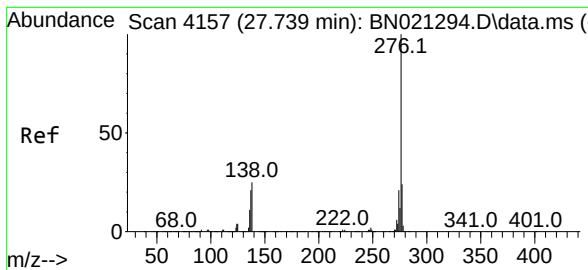
Tgt Ion:252 Resp: 3994325
Ion Ratio Lower Upper
252 100
253 21.8 18.7 28.1
125 12.5 9.2 13.8



#95
Dibenzo(a,h)anthracene
Concen: 79.382 ng/u1
RT: 26.974 min Scan# 4027
Delta R.T. 0.029 min
Lab File: BN021296.D
Acq: 19 Aug 2022 14:12

Tgt Ion:278 Resp: 4001059
Ion Ratio Lower Upper
278 100
139 18.7 13.8 20.8
279 25.2 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 86.607 ng/ul
 RT: 27.792 min Scan# 4166
 Delta R.T. 0.053 min
 Lab File: BN021296.D
 Acq: 19 Aug 2022 14:12

Instrument :
 BNA_N
 ClientSampleId :
 SSTD080235

Tgt Ion:276 Resp: 4450777

Ion	Ratio	Lower	Upper
276	100		
138	25.1	17.0	25.6
277	23.9	17.8	26.6

