

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
 Data File : BN036152.D
 Acq On : 31 Jan 2025 03:31
 Operator : RC/JU
 Sample : PB166343BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS343

Quant Time: Jan 31 07:37:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 30 17:36:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	100932	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	376340	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	235887	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	418445	20.000	ng/u1	0.00
79) Chrysene-d12	21.427	240	355916	20.000	ng/u1	0.00
88) Perylene-d12	24.457	264	358451	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	14990	6.052	ng/uL	0.00
4) Pyridine-d5	3.681	84	217290	30.799	ng/u1	0.00
7) Phenol-d5	6.987	99	248492	29.710	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	161760	30.138	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	198121	30.256	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	190945	28.418	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	89998	29.787	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	102824	29.994	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	184568	29.818	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	212872	26.178	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	492654	27.694	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	565722	28.561	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	82692	26.935	ng/u1	-0.01
60) Fluorene-d10	15.428	176	422696	28.387	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	82959	29.955	ng/u1	0.00
73) Anthracene-d10	17.281	188	621253	30.563	ng/u1	0.00
81) Pyrene-d10	19.575	212	639323	30.161	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.251	264	563797	29.913	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	31552	11.926	ng/uL	91
5) Pyridine	3.705	79	223007	31.122	ng/u1	97
6) Benzaldehyde	6.934	77	14993	3.002	ng/u1	95
8) Phenol	7.016	94	265702	30.771	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.216	93	207097	30.520	ng/u1	97
12) 2-Chlorophenol	7.369	128	209386	31.370	ng/u1	97
13) 2-Methylphenol	8.258	108	187015	29.331	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	310697	29.996	ng/u1	98
16) Acetophenone	8.616	105	300280	27.410	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.605	70	161010	27.914	ng/u1	98
18) 4-Methylphenol	8.581	108	200972	28.889	ng/u1	95
19) Hexachloroethane	8.875	117	92733	30.073	ng/u1	97
22) Nitrobenzene	8.993	77	249752	29.992	ng/u1	99
23) Isophorone	9.522	82	430307	29.157	ng/u1	99
25) 2-Nitrophenol	9.705	139	110457	30.113	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	218517	29.240	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.999	93	255727	29.521	ng/u1	97
29) 2,4-Dichlorophenol	10.252	162	190306	30.517	ng/u1	96
30) Naphthalene	10.640	128	601229	29.694	ng/u1	99
32) 4-Chloroaniline	10.746	127	111958	14.264	ng/u1	99
33) Hexachlorobutadiene	10.928	225	139724	30.696	ng/u1	97
34) Caprolactam	11.534	113	49432	24.493	ng/u1	90
35) 4-Chloro-3-methylphenol	11.899	107	200348	27.966	ng/u1	95
36) 2-Methylnaphthalene	12.251	142	403010	28.396	ng/u1	99

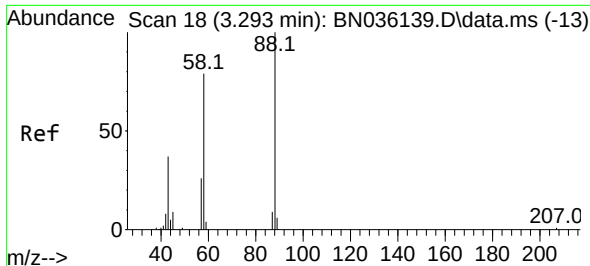
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	401901	28.825	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.622	216	231341	30.693	ng/ul	94
40) Hexachlorocyclopentadiene	12.610	237	122304	29.071	ng/ul	90
41) 2,4,6-Trichlorophenol	12.869	196	143907	29.611	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	156637	29.783	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	525997	30.041	ng/ul	98
44) 2-Chloronaphthalene	13.310	162	416709	30.271	ng/ul	97
45) 2-Nitroaniline	13.510	65	137682	29.333	ng/ul	98
47) Dimethylphthalate	13.893	163	499893	28.061	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	104155	29.645	ng/ul	98
50) Acenaphthylene	14.157	152	607296	29.136	ng/ul	99
51) 3-Nitroaniline	14.340	138	91295	25.933	ng/ul	91
52) Acenaphthene	14.498	153	443651	29.567	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	60357	27.340	ng/ul	86
55) 4-Nitrophenol	14.687	109	87756	26.810	ng/ul	93
56) Dibenzofuran	14.834	168	609098	29.322	ng/ul	97
57) 2,4-Dinitrotoluene	14.798	165	149026	28.347	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	123777	28.193	ng/ul	99
59) Diethylphthalate	15.263	149	511890	27.855	ng/ul	99
61) Fluorene	15.487	166	483256	28.688	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.481	204	253027	29.051	ng/ul	95
63) 4-Nitroaniline	15.504	138	102234	29.683	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.563	198	88488	30.089	ng/ul	96
67) N-Nitrosodiphenylamine	15.692	169	403540	31.774	ng/ul	95
68) 4-Bromophenyl-phenylether	16.375	248	142313	31.744	ng/ul	90
69) Hexachlorobenzene	16.492	284	155925	31.881	ng/ul	95
70) Atrazine	16.645	200	144572	28.882	ng/ul	97
71) Pentachlorophenol	16.839	266	105056	31.467	ng/ul	98
72) Phenanthrene	17.222	178	706185	30.101	ng/ul	99
74) Anthracene	17.316	178	721297	30.552	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	224094	34.411	ng/uL	96
76) Pentachlorobenzene	14.757	250	204300	32.110	ng/uL	96
77) Carbazole	17.587	167	652557	31.509	ng/ul	98
78) Di-n-butylphthalate	18.151	149	882578	31.994	ng/ul	99
80) Fluoranthene	19.239	202	789867	31.900	ng/ul	98
82) Pyrene	19.604	202	817794	31.155	ng/ul	100
83) Butylbenzylphthalate	20.510	149	341404	30.246	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.333	252	200182	31.847	ng/ul	93
85) Benzo(a)anthracene	21.410	228	730795	29.865	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.339	149	487928	30.087	ng/ul	100
87) Chrysene	21.475	228	700345	30.186	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	783912	26.613	ng/ul	100
90) Benzo(b)fluoranthene	23.492	252	685943	28.941	ng/ul	99
91) Benzo(k)fluoranthene	23.557	252	672090	28.478	ng/ul	99
93) Benzo(a)pyrene	24.316	252	619160	29.889	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.868	276	836215	37.100	ng/ul	99
95) Dibenzo(a,h)anthracene	27.933	278	679599	37.805	ng/ul	97
96) Benzo(g,h,i)perylene	28.945	276	669860	39.049	ng/ul	98

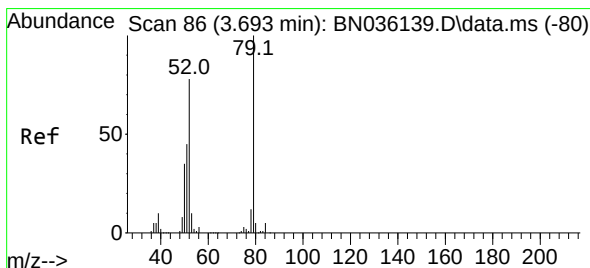
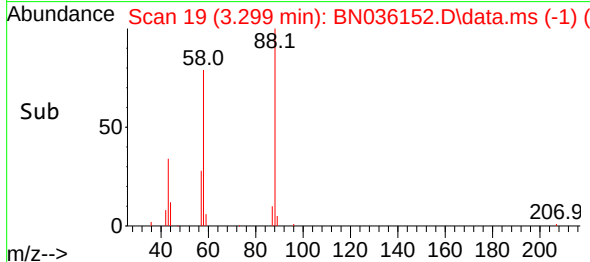
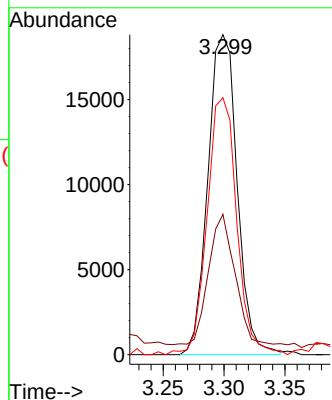
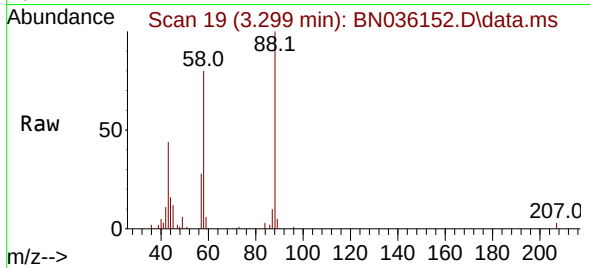
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#2
1,4-Dioxane
Concen: 11.926 ng/uL
RT: 3.299 min Scan# 18
Delta R.T. 0.006 min
Lab File: BN036152.D
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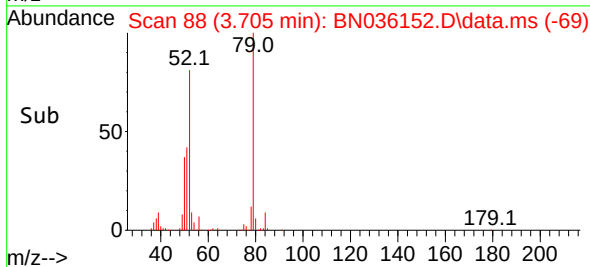
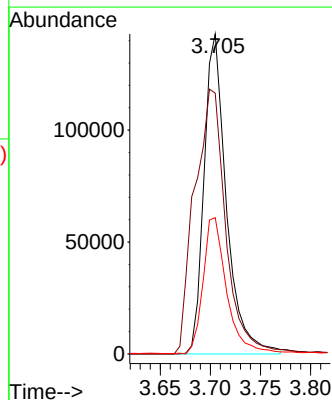
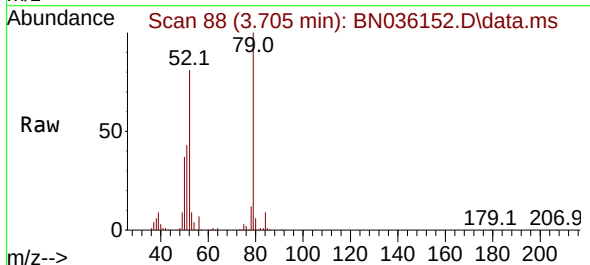
Instrument :
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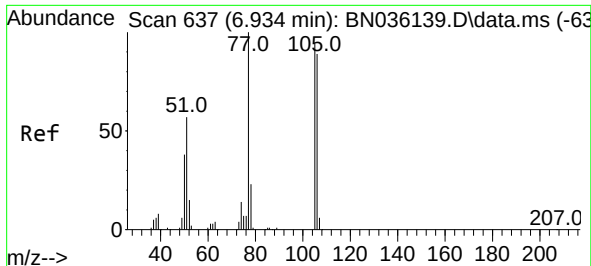
Tgt Ion: 88 Resp: 31552
Ion Ratio Lower Upper
88 100
43 43.9 29.6 44.4
58 80.3 59.1 88.7



#5
Pyridine
Concen: 31.122 ng/uL
RT: 3.705 min Scan# 88
Delta R.T. 0.012 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion: 79 Resp: 223007
Ion Ratio Lower Upper
79 100
52 81.5 67.3 100.9
51 42.6 36.2 54.4

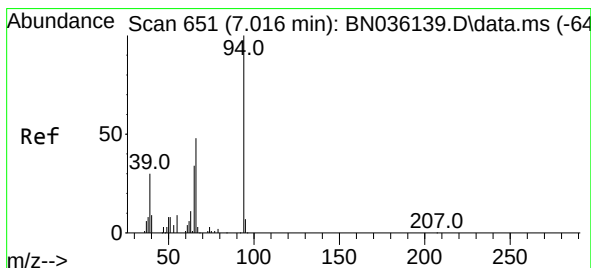
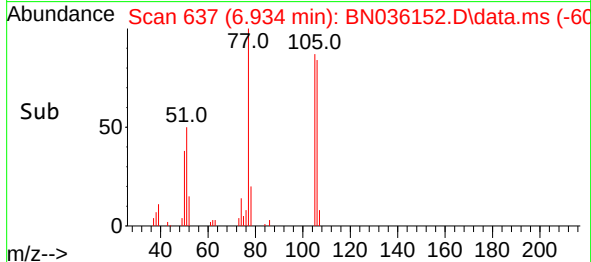
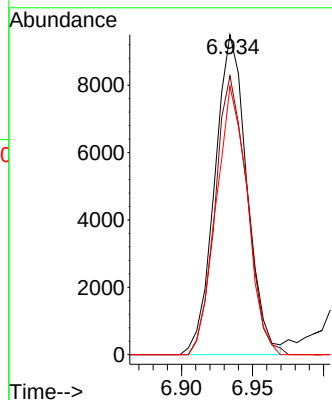
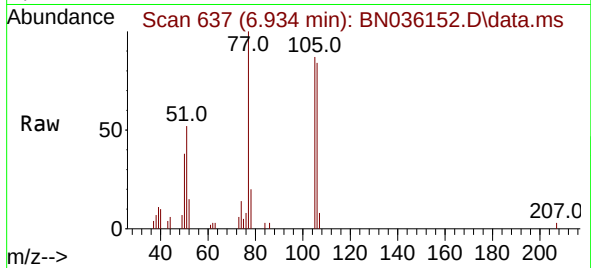




#6
Benzaldehyde
Concen: 3.002 ng/ul
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

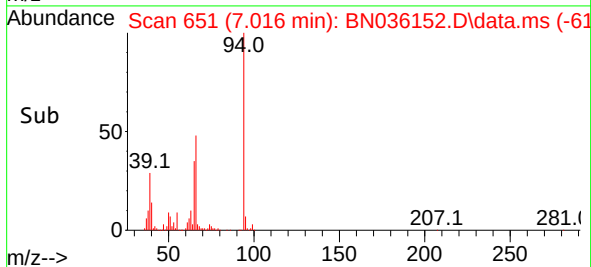
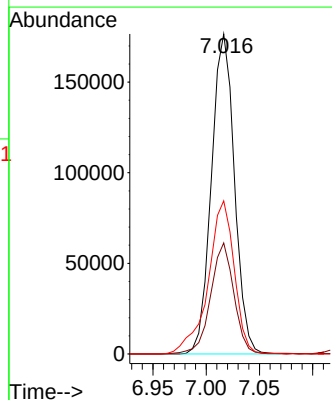
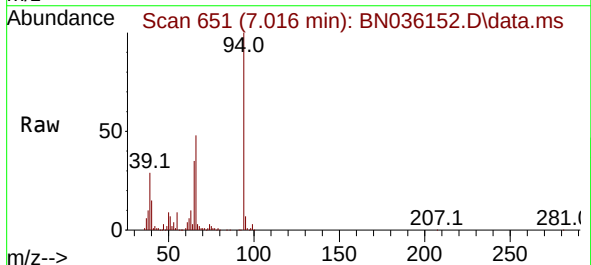
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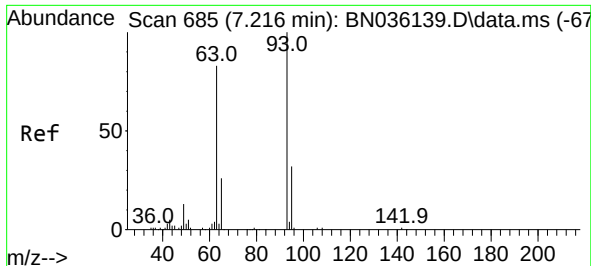
Tgt Ion: 77 Resp: 14993
Ion Ratio Lower Upper
77 100
105 87.2 74.8 112.2
106 83.9 69.8 104.8



#8
Phenol
Concen: 30.771 ng/ul
RT: 7.016 min Scan# 651
Delta R.T. -0.006 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion: 94 Resp: 265702
Ion Ratio Lower Upper
94 100
65 34.7 27.0 40.4
66 47.9 40.2 60.2



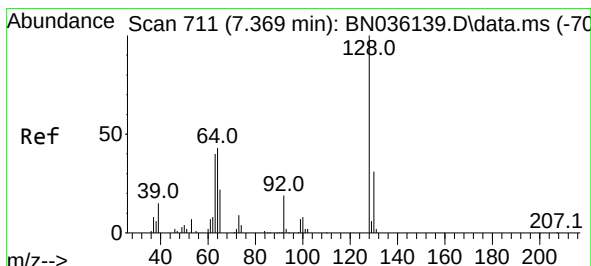
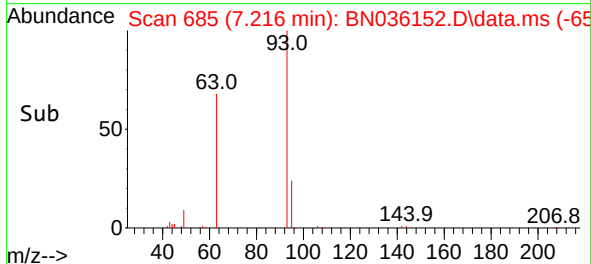
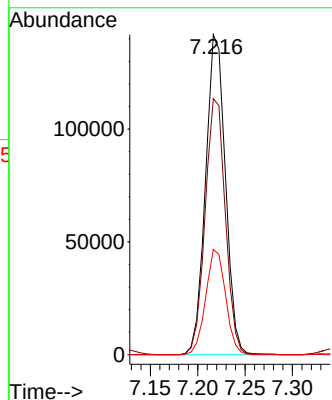
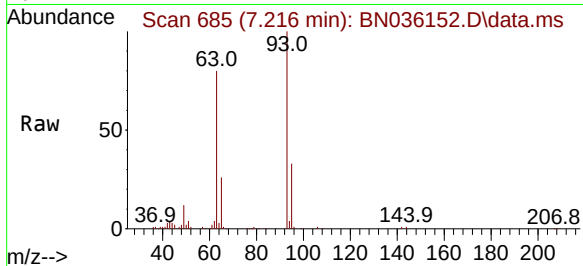


#10
Bis(2-Chloroethyl)ether
Concen: 30.520 ng/ul
RT: 7.216 min Scan# 685
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Instrument :
BNA_N
ClientSampleId :
SLCS343

Tgt Ion: 93 Resp: 207097

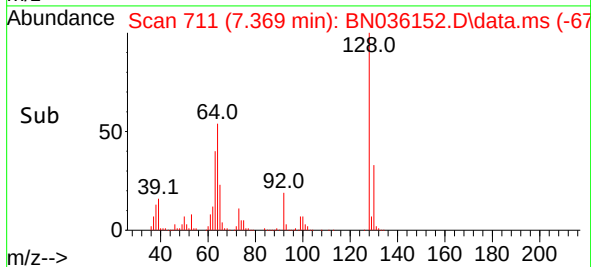
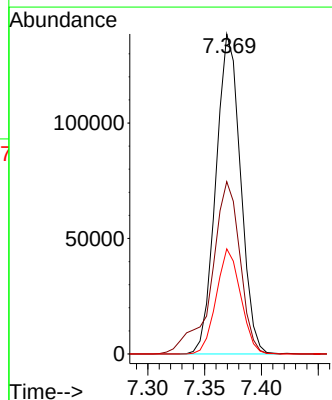
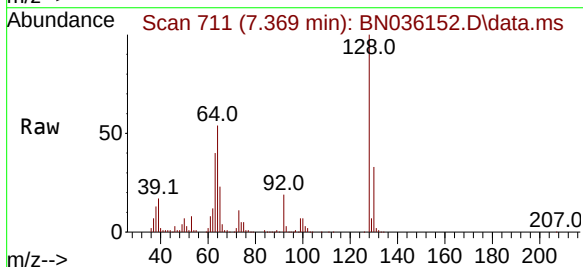
Ion	Ratio	Lower	Upper
93	100		
63	80.0	67.0	100.6
95	32.9	25.8	38.6

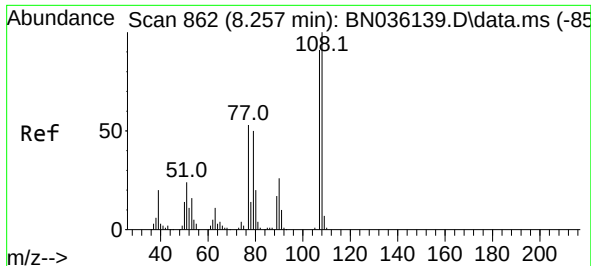


#12
2-Chlorophenol
Concen: 31.370 ng/ul
RT: 7.369 min Scan# 711
Delta R.T. -0.006 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:128 Resp: 209386

Ion	Ratio	Lower	Upper
128	100		
64	53.9	41.8	62.6
130	32.9	24.9	37.3

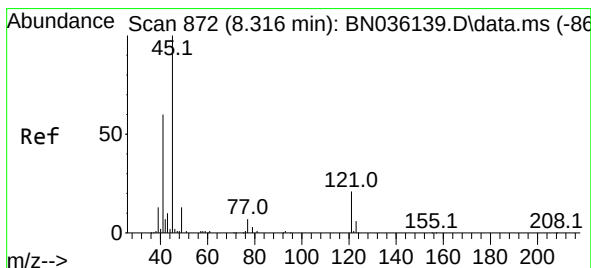
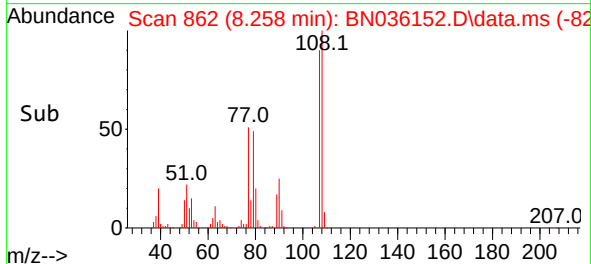
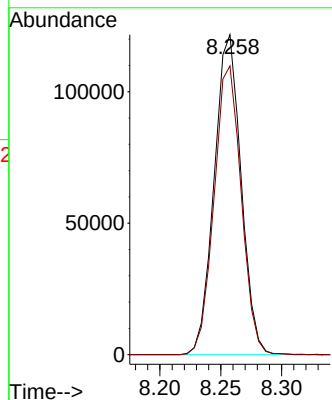
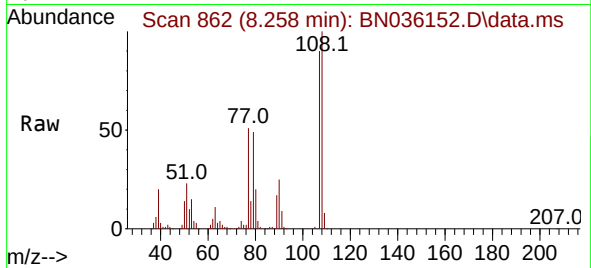




#13
2-Methylphenol
Concen: 29.331 ng/ul
RT: 8.258 min Scan# 80
Delta R.T. -0.006 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

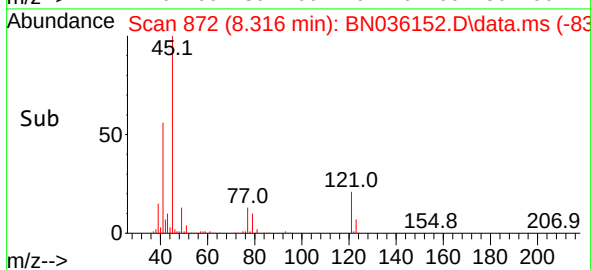
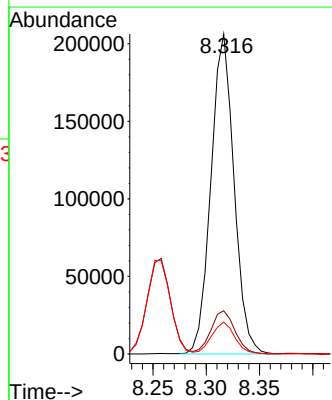
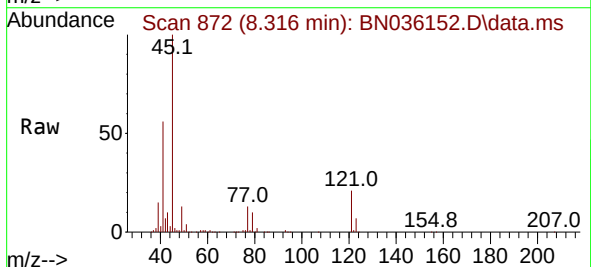
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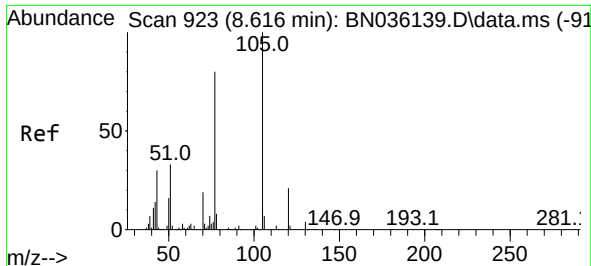
Tgt Ion:108 Resp: 187015
Ion Ratio Lower Upper
108 100
107 90.3 73.7 110.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.996 ng/ul
RT: 8.316 min Scan# 872
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion: 45 Resp: 310697
Ion Ratio Lower Upper
45 100
77 13.5 11.8 17.6
79 10.0 8.3 12.5

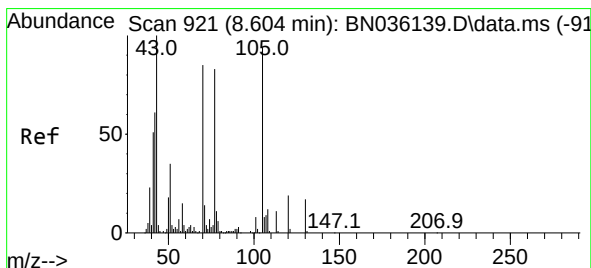
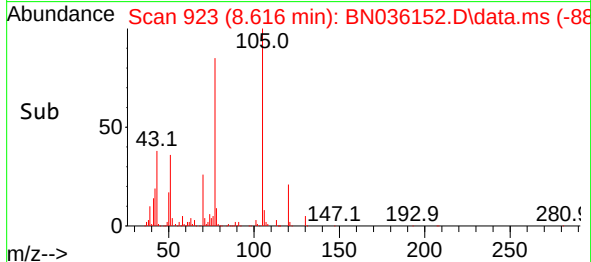
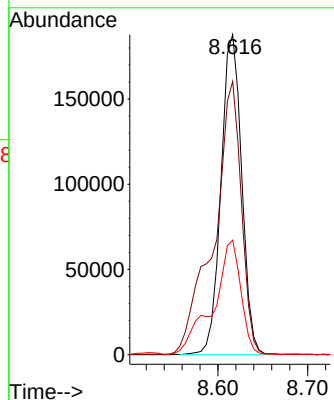
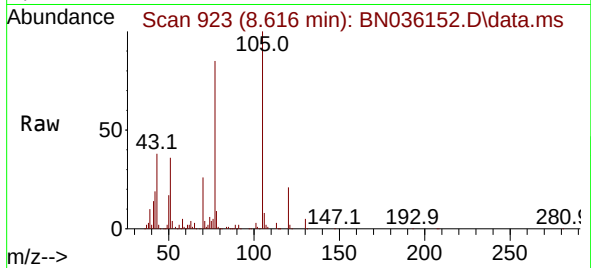




#16
Acetophenone
Concen: 27.410 ng/ul
RT: 8.616 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

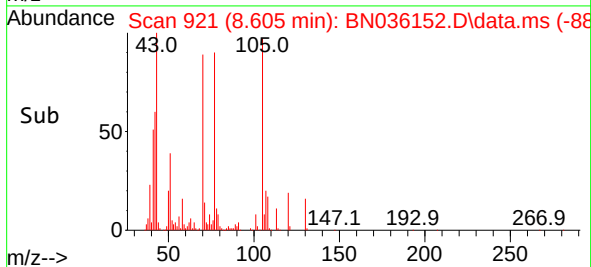
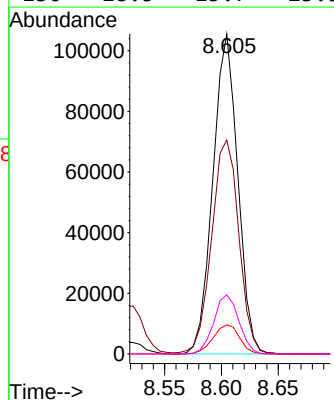
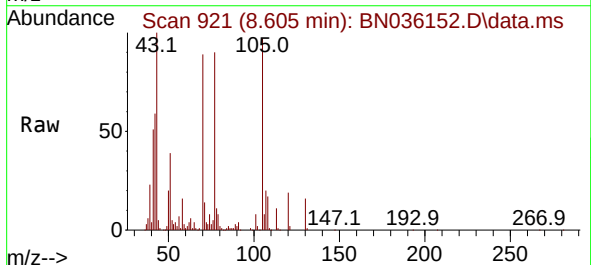
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ClientSampleId :
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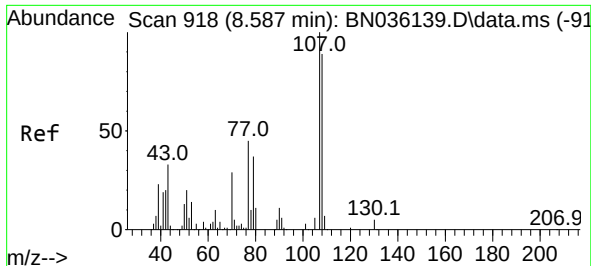
Tgt Ion:105 Resp: 300280
Ion Ratio Lower Upper
105 100
77 85.4 68.7 103.1
51 35.8 28.9 43.3



#17
N-Nitroso-di-n-propylamine
Concen: 27.914 ng/ul
RT: 8.605 min Scan# 921
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion: 70 Resp: 161010
Ion Ratio Lower Upper
70 100
42 66.9 54.7 82.1
101 9.1 7.1 10.7
130 18.5 15.7 23.5

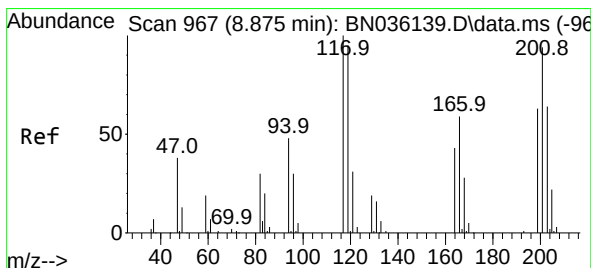
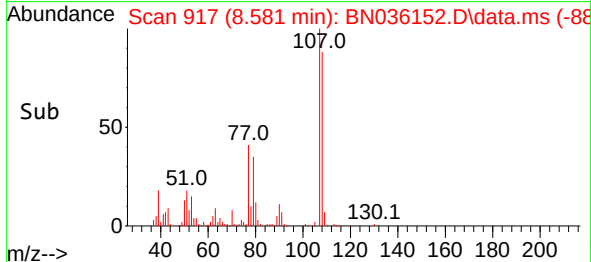
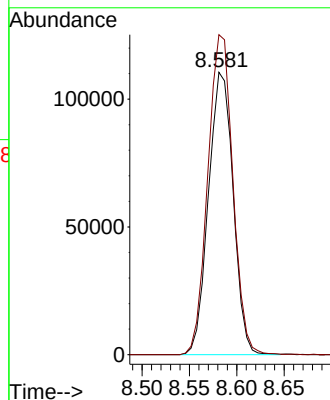
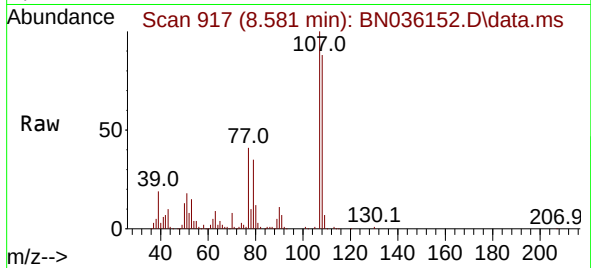




#18
4-Methylphenol
Concen: 28.889 ng/ul
RT: 8.581 min Scan# 918
Delta R.T. -0.006 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

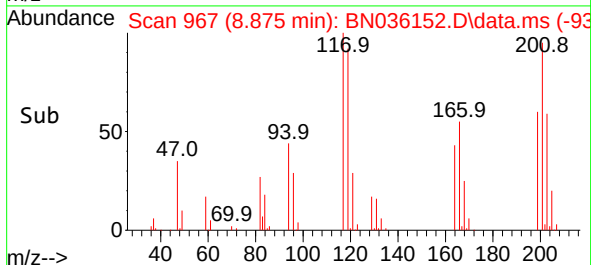
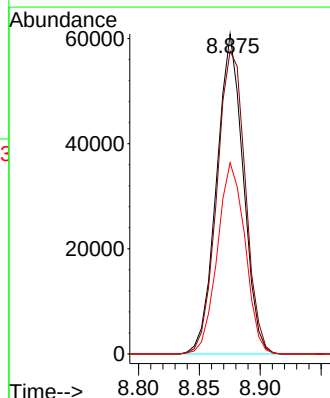
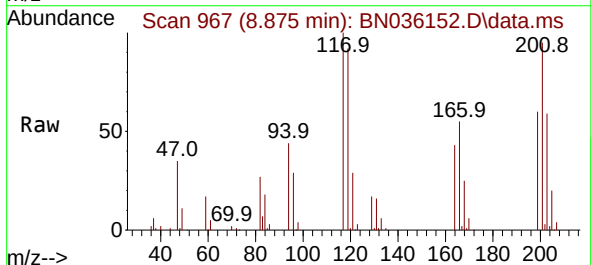
Instrument :
BNA_N
ClientSampleId :
SLCS343

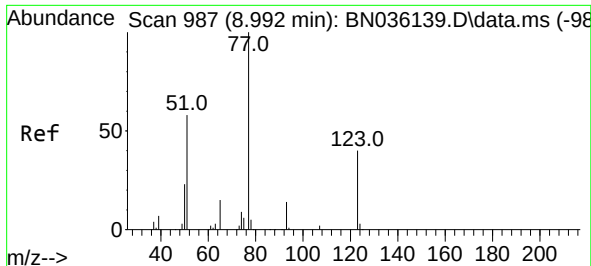
Tgt Ion:108 Resp: 200972
Ion Ratio Lower Upper
108 100
107 113.3 95.4 143.2



#19
Hexachloroethane
Concen: 30.073 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:117 Resp: 92733
Ion Ratio Lower Upper
117 100
201 94.7 77.5 116.3
199 59.8 45.8 68.6

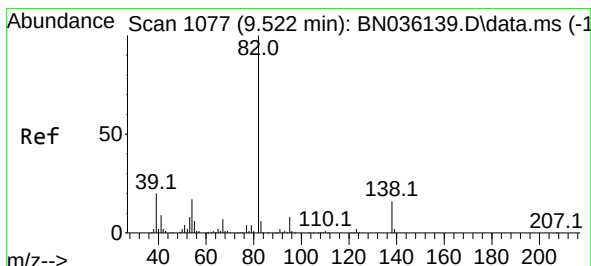
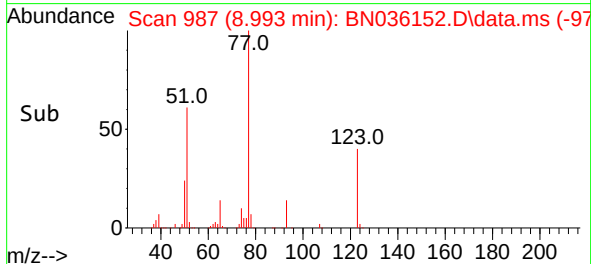
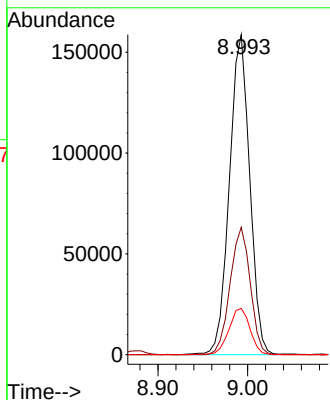
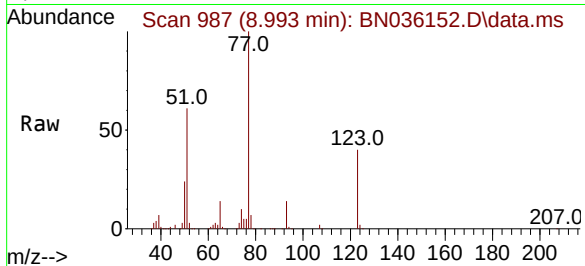




#22
Nitrobenzene
Concen: 29.992 ng/ul
RT: 8.993 min Scan# 987
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

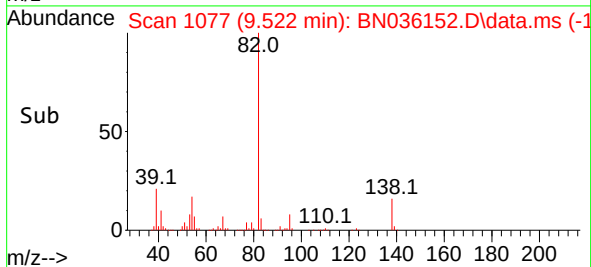
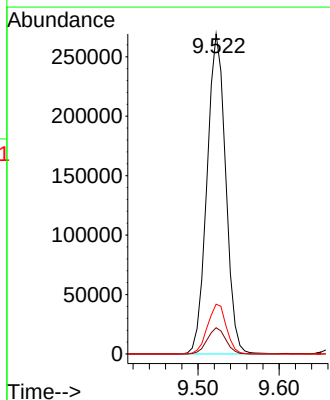
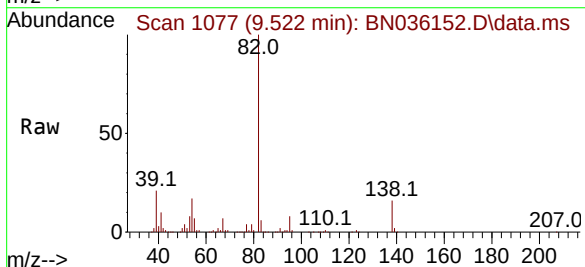
Instrument :
BNA_N
ClientSampleId :
SLCS343

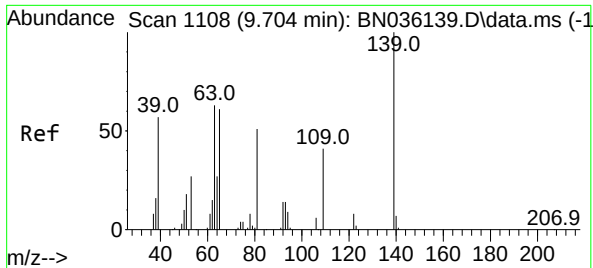
Tgt Ion: 77 Resp: 249752
Ion Ratio Lower Upper
77 100
123 39.8 32.5 48.7
65 14.4 12.2 18.2



#23
Isophorone
Concen: 29.157 ng/ul
RT: 9.522 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion: 82 Resp: 430307
Ion Ratio Lower Upper
82 100
95 8.2 6.6 10.0
138 15.6 12.8 19.2





#25

2-Nitrophenol

Concen: 30.113 ng/ul

RT: 9.705 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Instrument :

BNA_N

ClientSampleId :

SLCS343

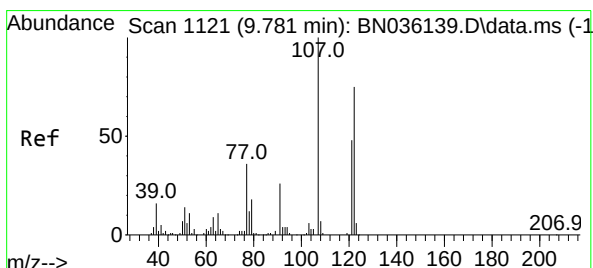
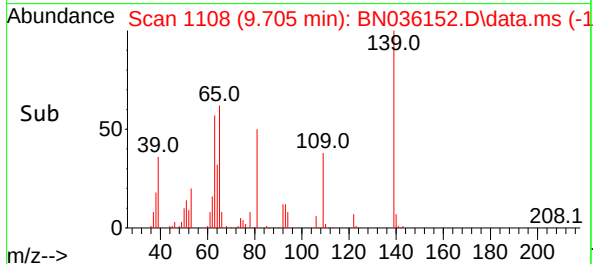
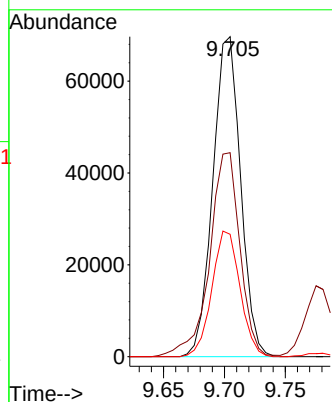
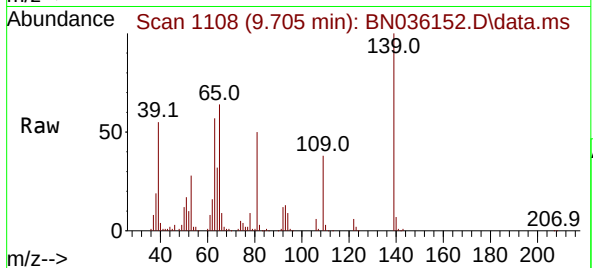
Tgt Ion:139 Resp: 110457

Ion Ratio Lower Upper

139 100

65 63.7 51.4 77.2

109 38.3 31.6 47.4



#26

2,4-Dimethylphenol

Concen: 29.240 ng/ul

RT: 9.775 min Scan# 1120

Delta R.T. -0.006 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

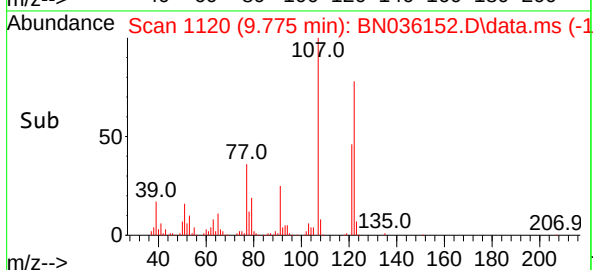
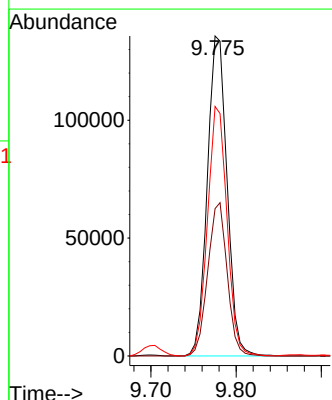
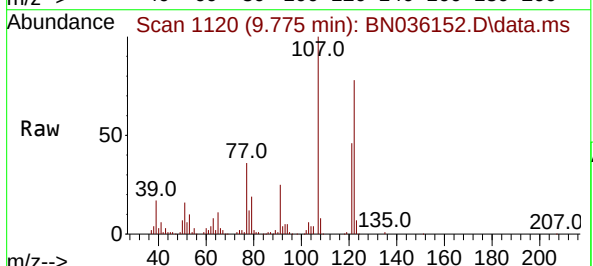
Tgt Ion:107 Resp: 218517

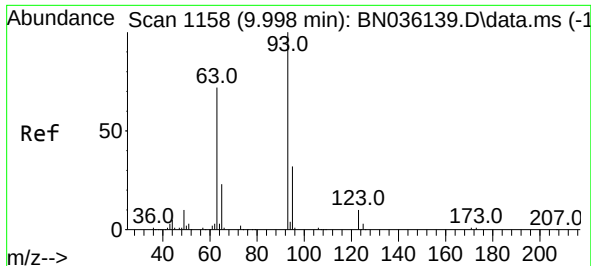
Ion Ratio Lower Upper

107 100

121 46.0 36.6 55.0

122 78.0 61.4 92.0





#27

Bis(2-Chloroethoxy)methane

Concen: 29.521 ng/ul

RT: 9.999 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Instrument :

BNA_N

ClientSampleId :

SLCS343

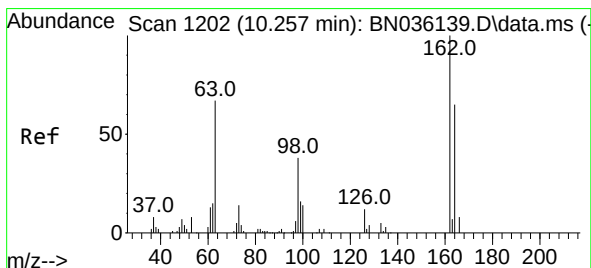
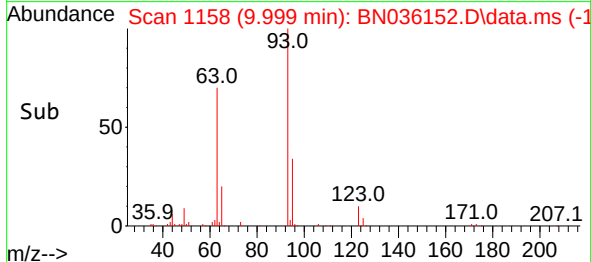
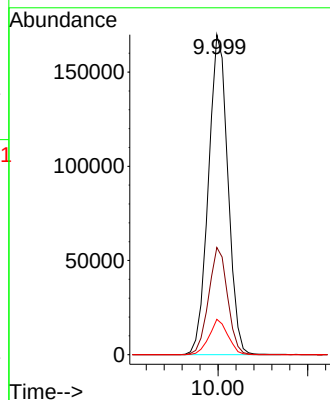
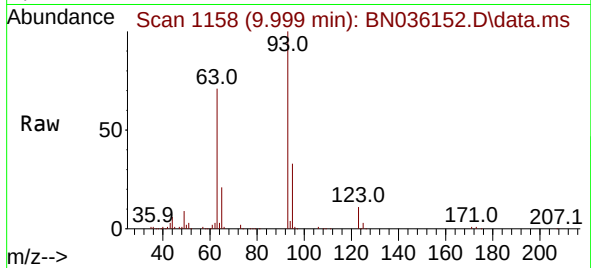
Tgt Ion: 93 Resp: 255727

Ion Ratio Lower Upper

93 100

95 33.5 25.4 38.0

123 11.0 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 30.517 ng/ul

RT: 10.252 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

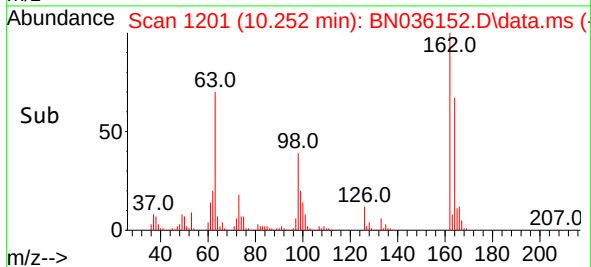
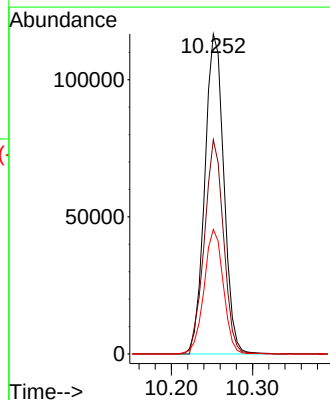
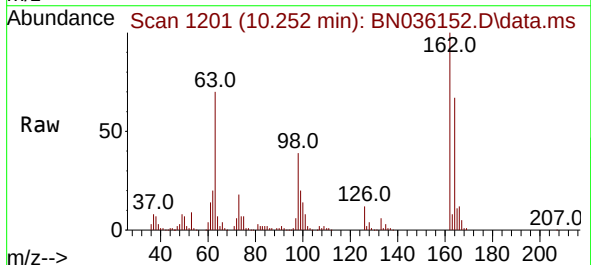
Tgt Ion:162 Resp: 190306

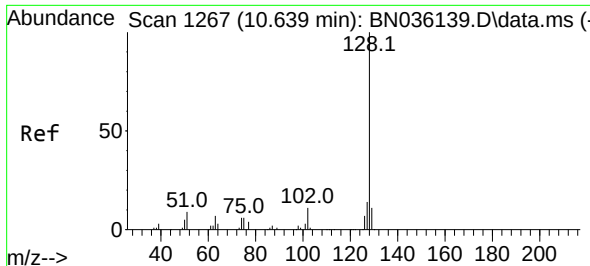
Ion Ratio Lower Upper

162 100

164 67.0 49.7 74.5

98 38.9 30.8 46.2

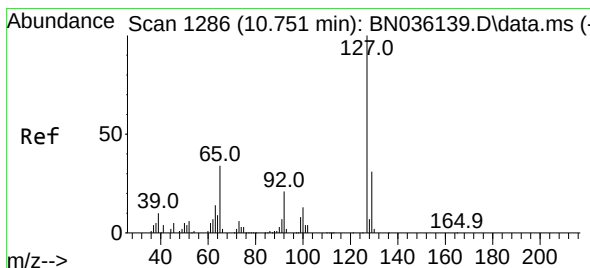
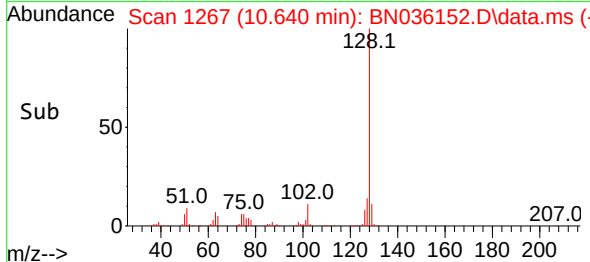
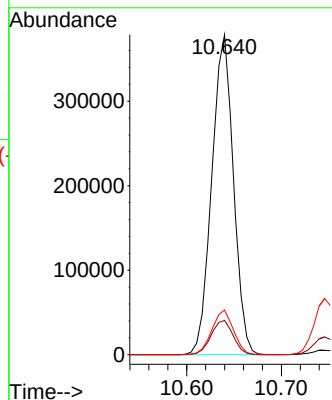
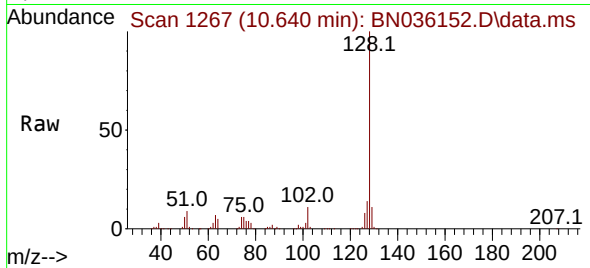




#30
Naphthalene
Concen: 29.694 ng/ul
RT: 10.640 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

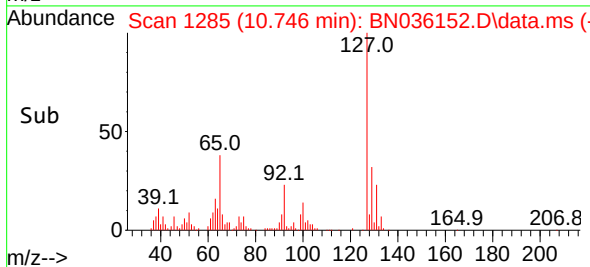
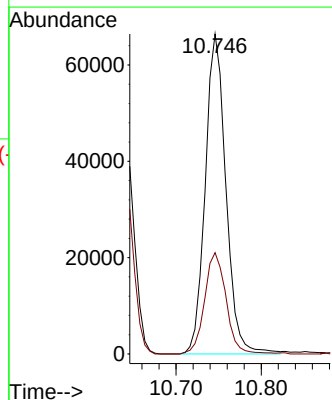
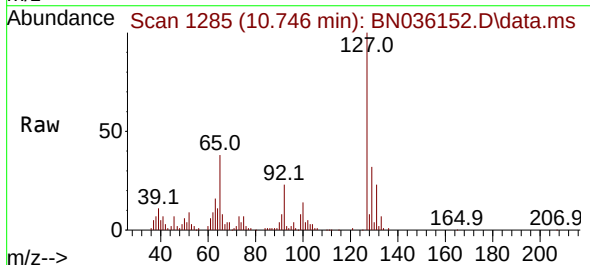
Instrument :
BNA_N
ClientSampleId :
SLCS343

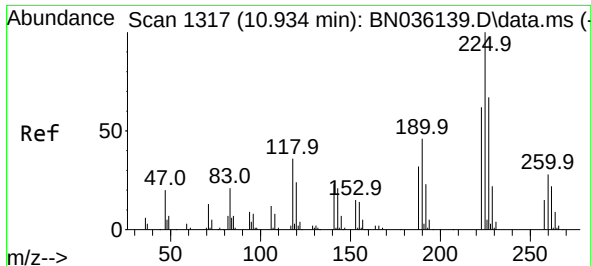
Tgt Ion:128 Resp: 601229
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.9 11.4 17.2



#32
4-Chloroaniline
Concen: 14.264 ng/ul
RT: 10.746 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:127 Resp: 111958
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8

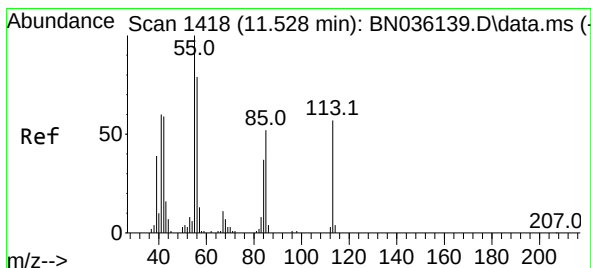
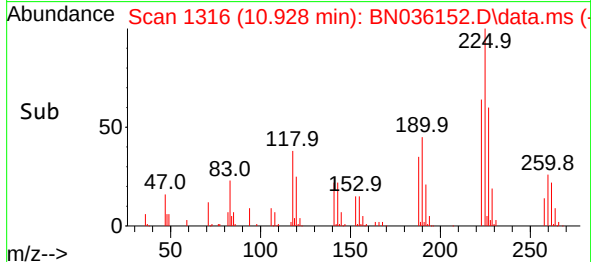
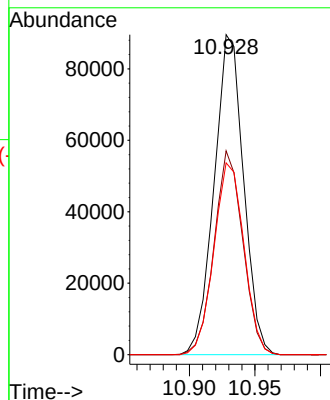
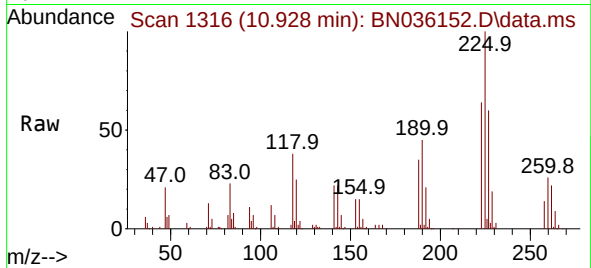




#33
Hexachlorobutadiene
Concen: 30.696 ng/u1
RT: 10.928 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

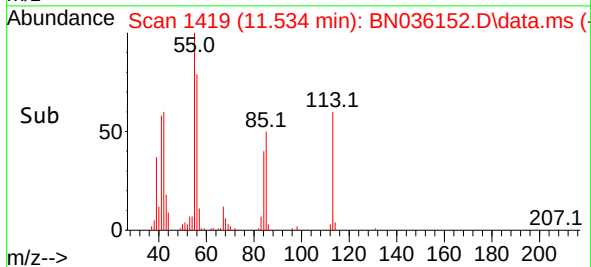
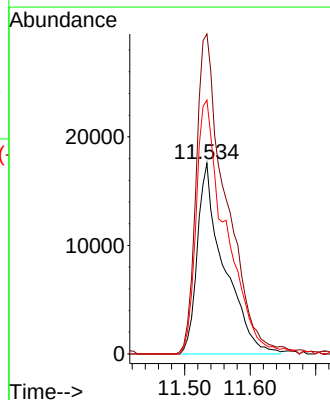
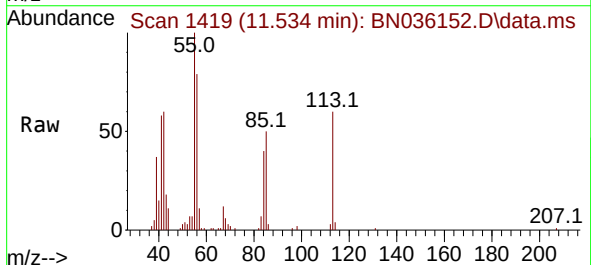
Instrument :
BNA_N
ClientSampleId :
SLCS343

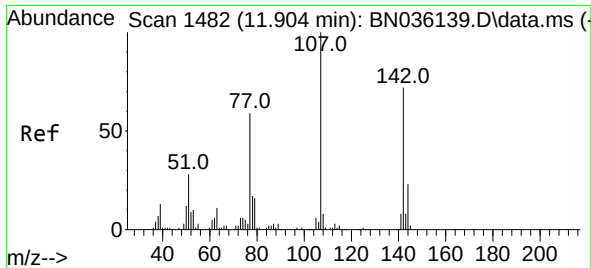
Tgt Ion:225 Resp: 139724
Ion Ratio Lower Upper
225 100
223 63.7 48.5 72.7
227 60.0 49.2 73.8



#34
Caprolactam
Concen: 24.493 ng/u1
RT: 11.534 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:113 Resp: 49432
Ion Ratio Lower Upper
113 100
55 168.0 143.6 215.4
56 133.3 119.0 178.6

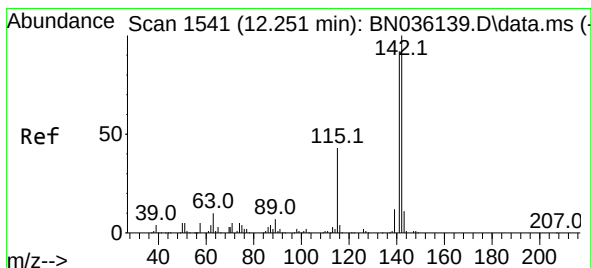
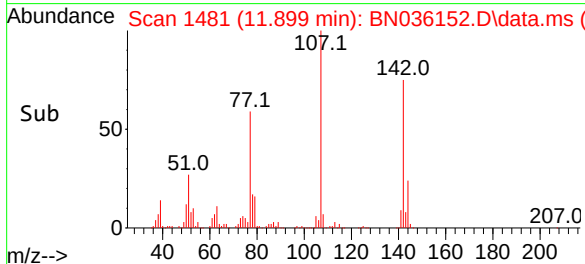
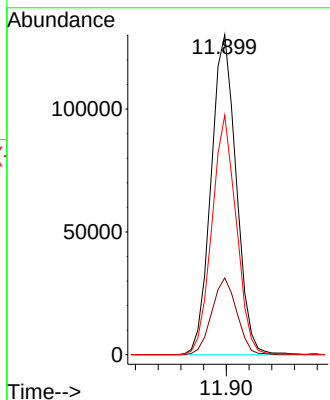
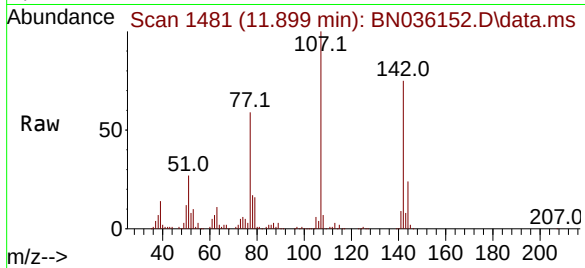




#35
4-Chloro-3-methylphenol
Concen: 27.966 ng/ul
RT: 11.899 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

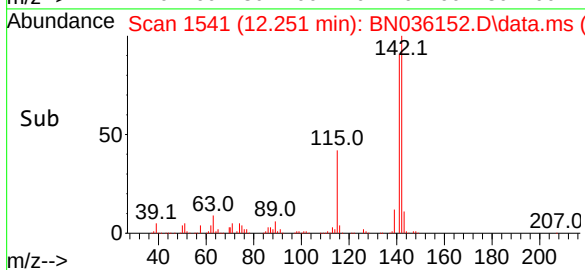
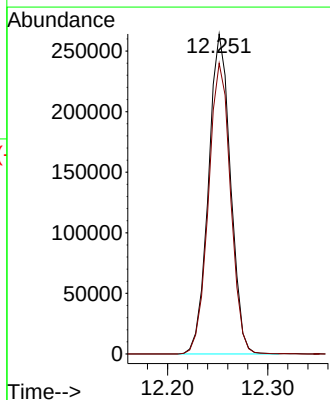
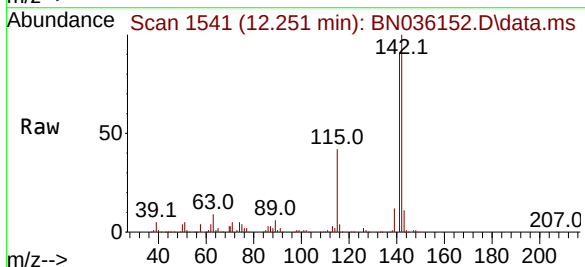
Instrument :
BNA_N
ClientSampleId :
SLCS343

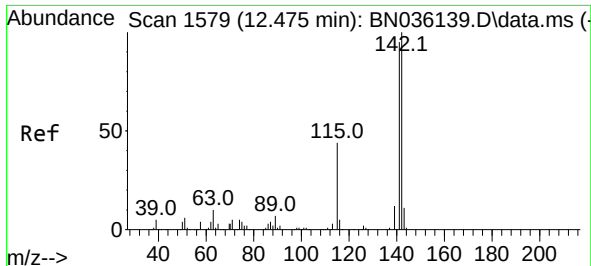
Tgt Ion:107 Resp: 200348
Ion Ratio Lower Upper
107 100
144 24.0 17.5 26.3
142 74.8 56.7 85.1



#36
2-Methylnaphthalene
Concen: 28.396 ng/ul
RT: 12.251 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:142 Resp: 403010
Ion Ratio Lower Upper
142 100
141 90.9 73.5 110.3





#37

1-Methylnaphthalene

Concen: 28.825 ng/ul

RT: 12.475 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Instrument :

BNA_N

ClientSampleId :

SLCS343

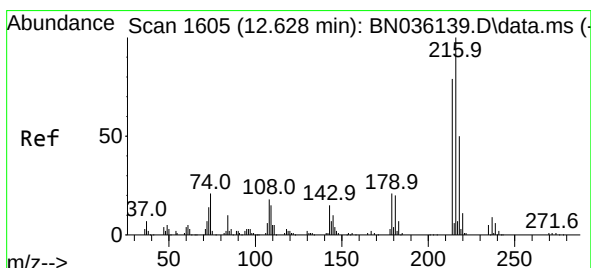
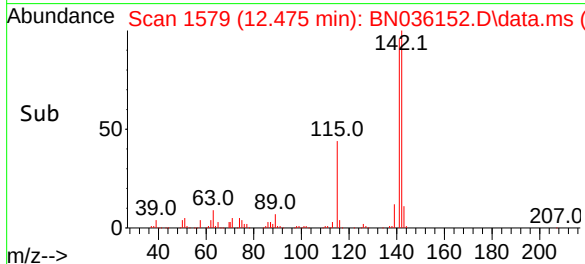
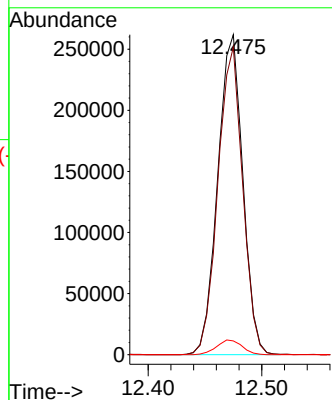
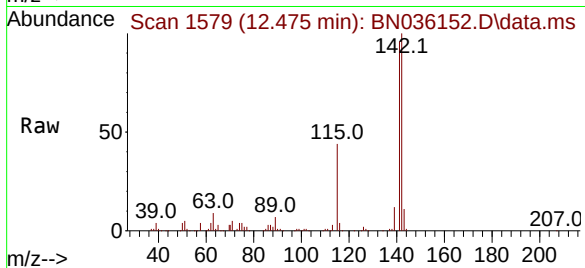
Tgt Ion:142 Resp: 401901

Ion Ratio Lower Upper

142 100

141 96.2 74.7 112.1

116 4.3 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.693 ng/ul

RT: 12.622 min Scan# 1604

Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Tgt Ion:216 Resp: 231341

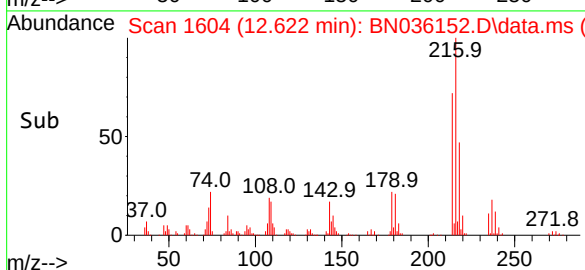
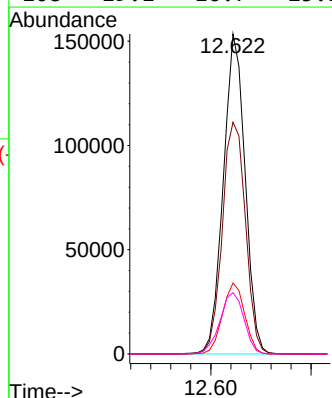
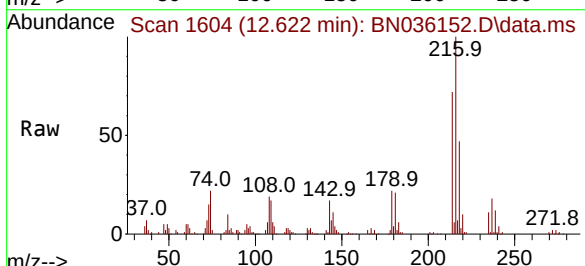
Ion Ratio Lower Upper

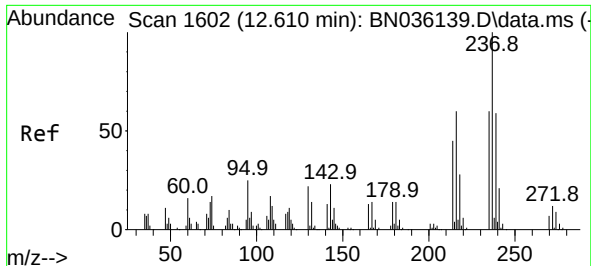
216 100

214 72.4 63.0 94.6

179 22.1 18.6 27.8

108 19.1 16.7 25.1

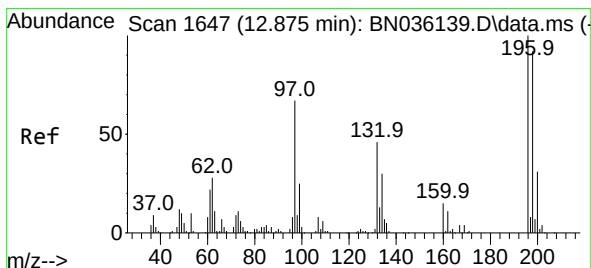
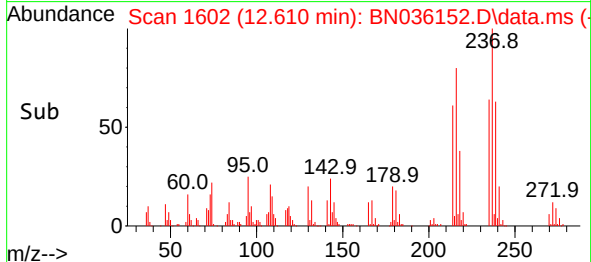
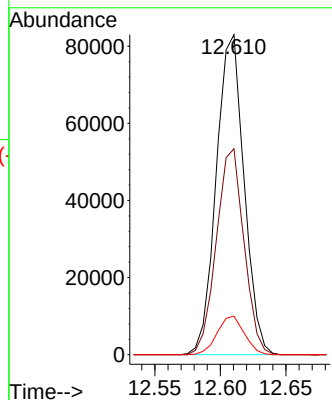
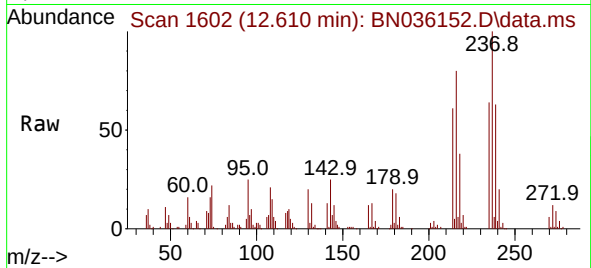




#40
Hexachlorocyclopentadiene
Concen: 29.071 ng/ul
RT: 12.610 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

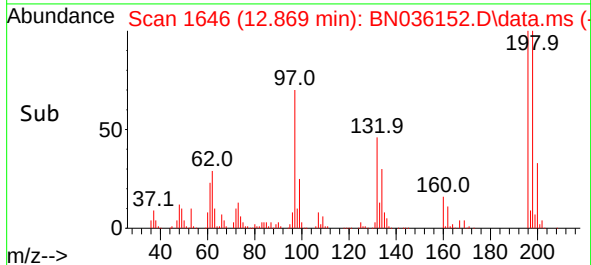
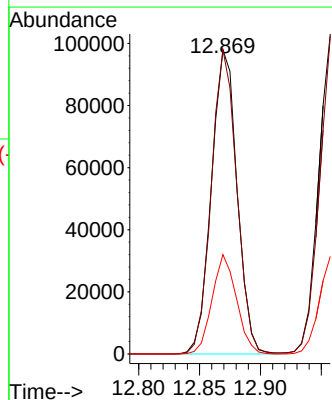
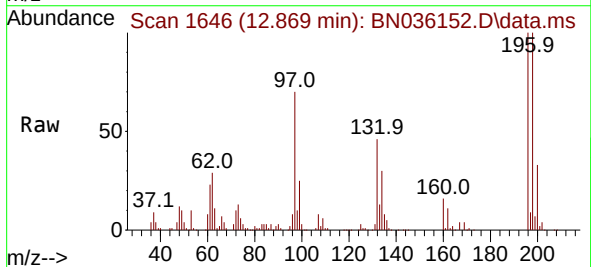
Instrument :
BNA_N
ClientSampleId :
SLCS343

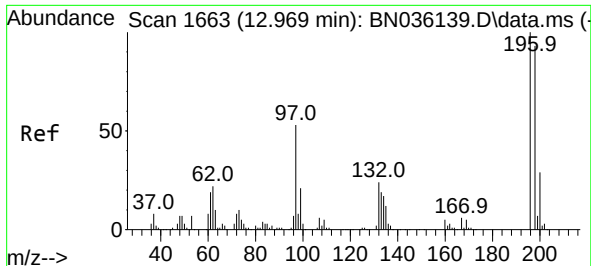
Tgt Ion:237 Resp: 122304
Ion Ratio Lower Upper
237 100
235 64.3 44.7 67.1
272 12.0 9.3 13.9



#41
2,4,6-Trichlorophenol
Concen: 29.611 ng/ul
RT: 12.869 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:196 Resp: 143907
Ion Ratio Lower Upper
196 100
198 100.1 81.8 122.6
200 32.7 25.0 37.4

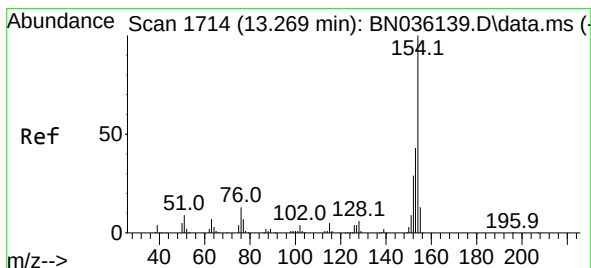
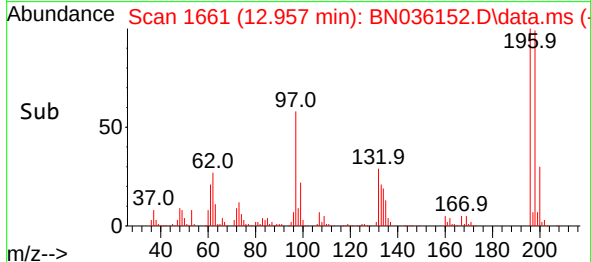
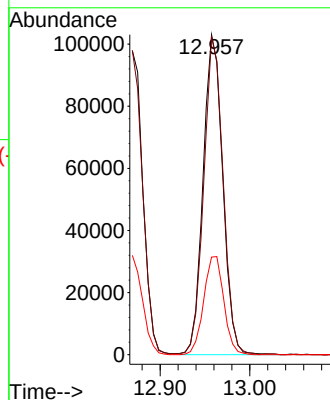
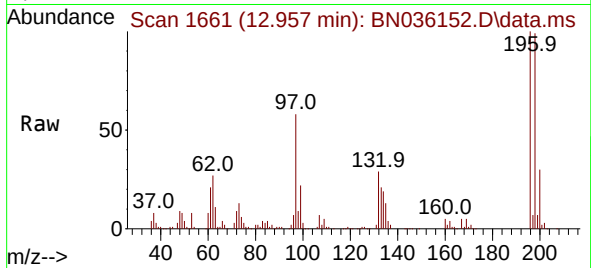




#42
2,4,5-Trichlorophenol
Concen: 29.783 ng/ul
RT: 12.957 min Scan# 1661
Delta R.T. -0.012 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

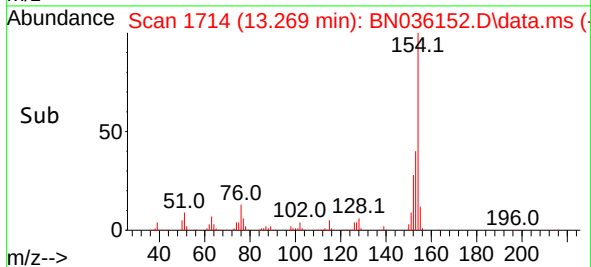
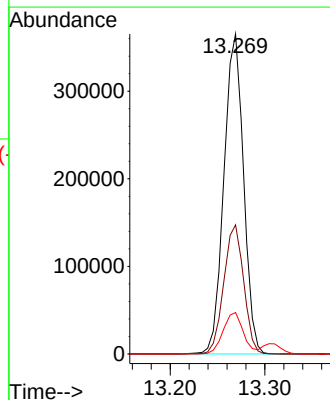
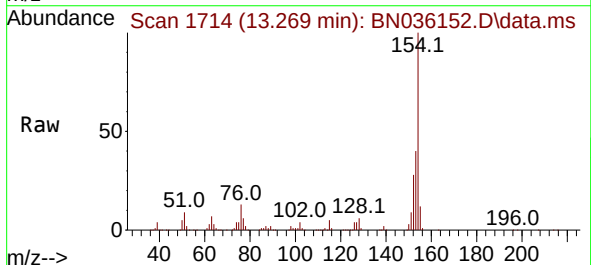
Instrument :
BNA_N
ClientSampleId :
SLCS343

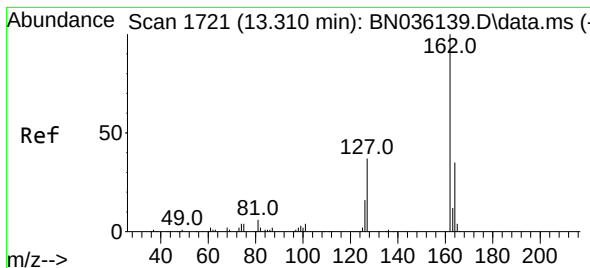
Tgt Ion:196 Resp: 156637
Ion Ratio Lower Upper
196 100
198 99.3 77.0 115.6
200 30.5 24.7 37.1



#43
1,1'-Biphenyl
Concen: 30.041 ng/ul
RT: 13.269 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:154 Resp: 525997
Ion Ratio Lower Upper
154 100
153 40.3 33.4 50.2
76 12.9 10.0 15.0





#44

2-Chloronaphthalene

Concen: 30.271 ng/ul

RT: 13.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Instrument :

BNA_N

ClientSampleId :

SLCS343

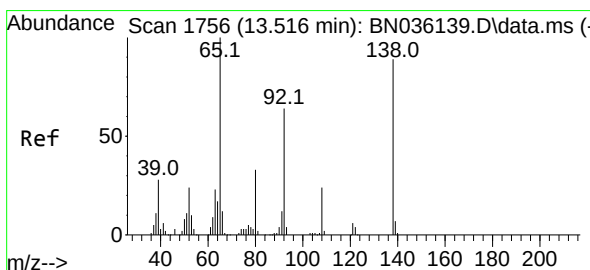
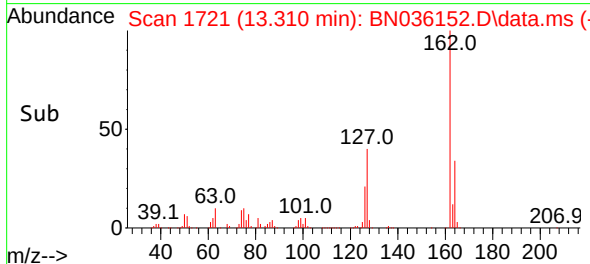
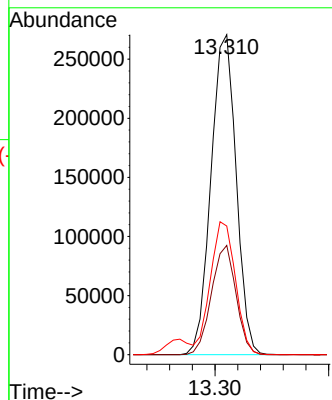
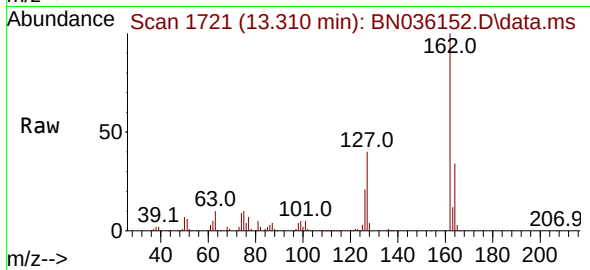
Tgt Ion:162 Resp: 416709

Ion Ratio Lower Upper

162 100

164 34.1 27.4 41.0

127 40.2 34.5 51.7



#45

2-Nitroaniline

Concen: 29.333 ng/ul

RT: 13.510 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

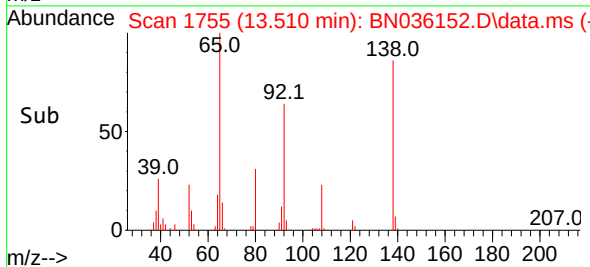
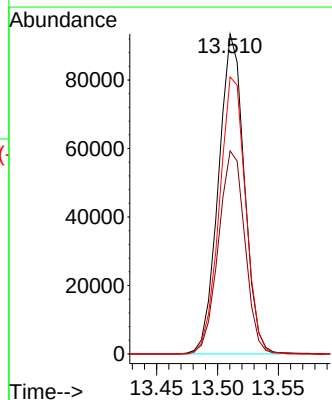
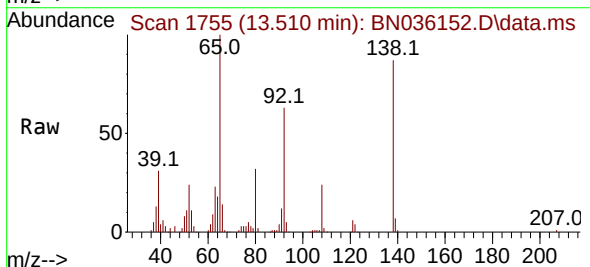
Tgt Ion: 65 Resp: 137682

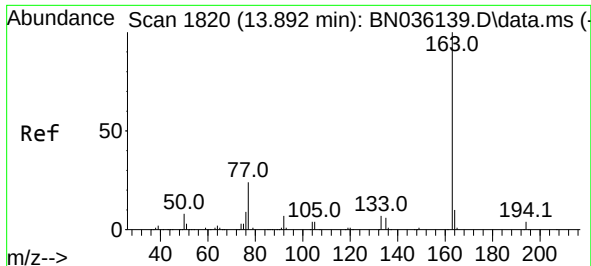
Ion Ratio Lower Upper

65 100

92 63.5 52.0 78.0

138 86.5 71.2 106.8

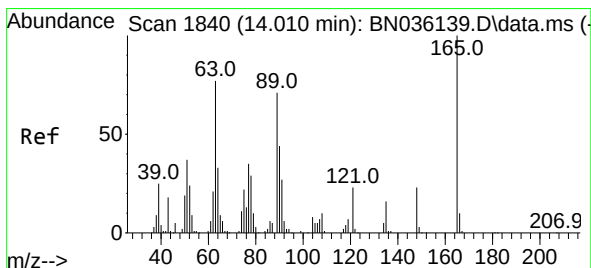
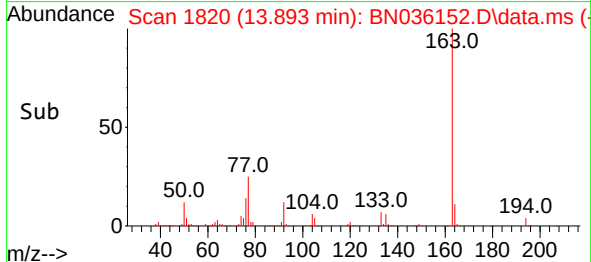
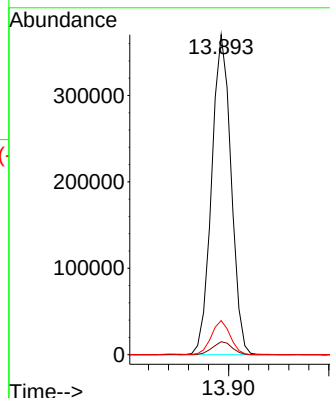
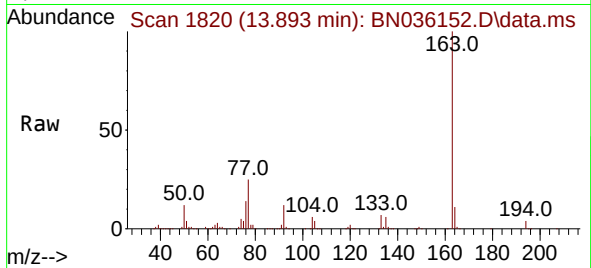




#47
Dimethylphthalate
Concen: 28.061 ng/ul
RT: 13.893 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

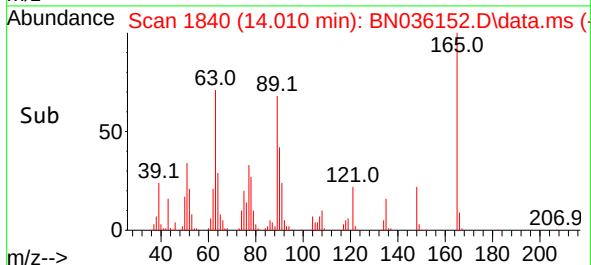
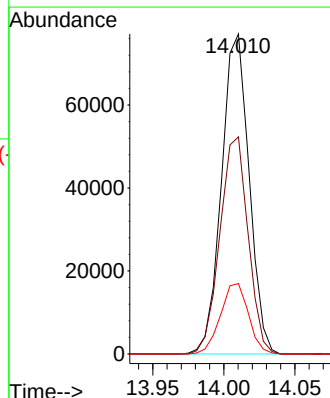
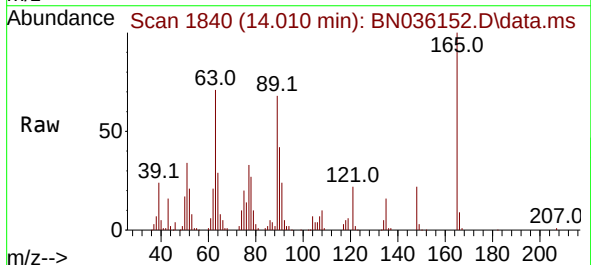
Instrument :
BNA_N
ClientSampleId :
SLCS343

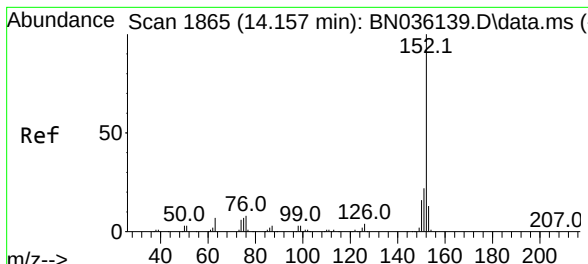
Tgt Ion:163 Resp: 499893
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.6 8.4 12.6



#48
2,6-Dinitrotoluene
Concen: 29.645 ng/ul
RT: 14.010 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:165 Resp: 104155
Ion Ratio Lower Upper
165 100
89 67.8 53.4 80.0
121 22.0 19.0 28.6

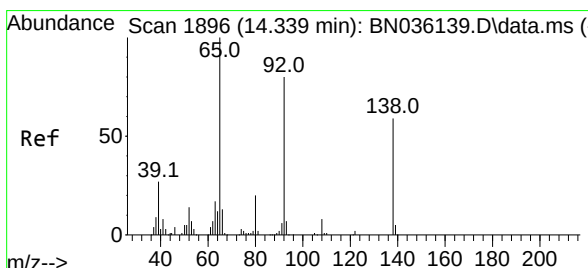
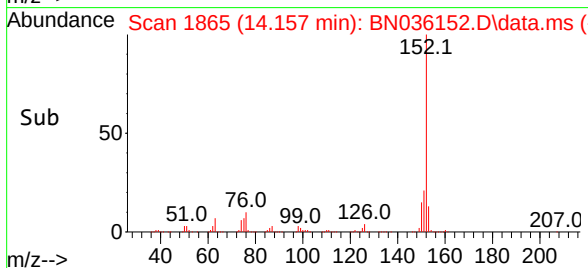
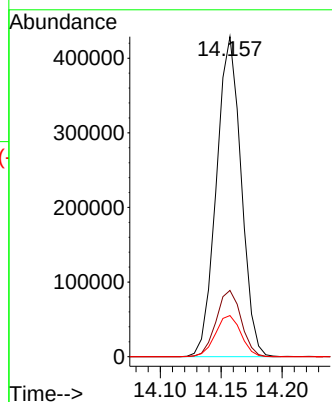
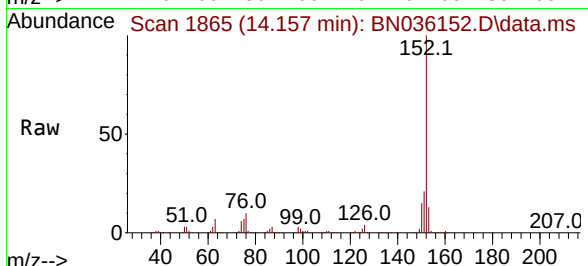




#50
Acenaphthylene
Concen: 29.136 ng/ul
RT: 14.157 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

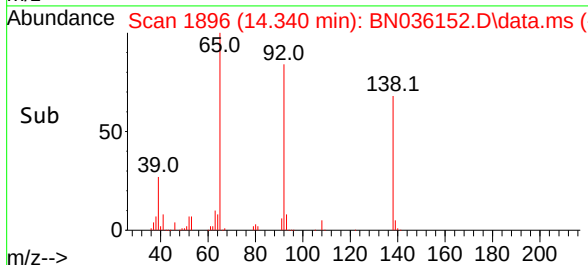
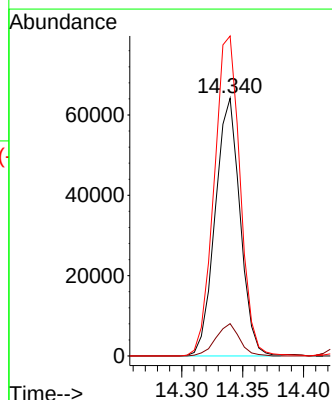
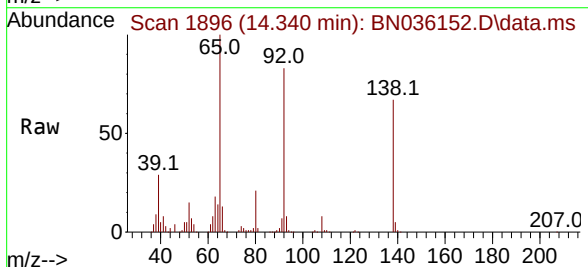
Instrument :
BNA_N
ClientSampleId :
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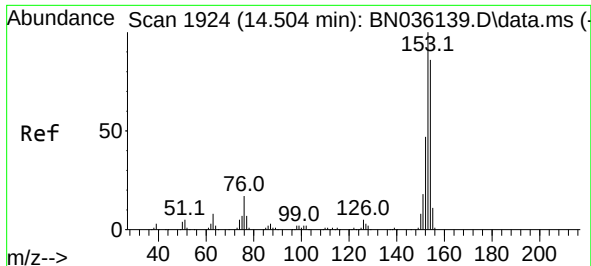
Tgt Ion:152	Resp:	607296
Ion Ratio	Lower	Upper
152	100	
151	20.7	15.9 23.9
153	12.9	10.0 15.0



#51
3-Nitroaniline
Concen: 25.933 ng/ul
RT: 14.340 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:138	Resp:	91295
Ion Ratio	Lower	Upper
138	100	
108	12.5	10.3 15.5
92	124.1	108.2 162.2

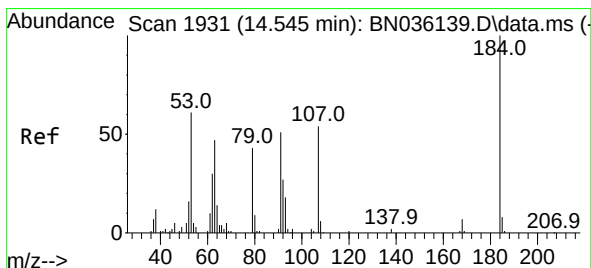
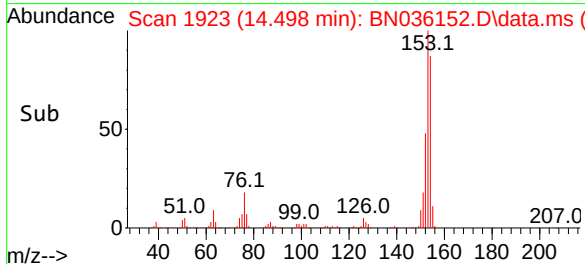
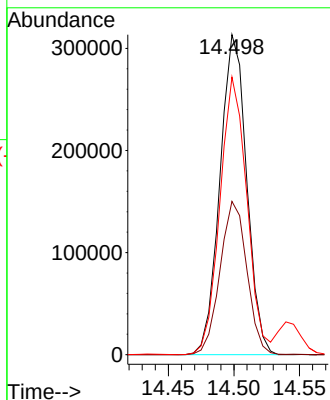
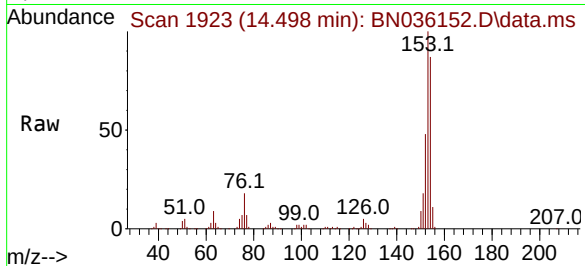




#52
 Acenaphthene
 Concen: 29.567 ng/ul
 RT: 14.498 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BN036152.D
 Acq: 31 Jan 2025 03:31

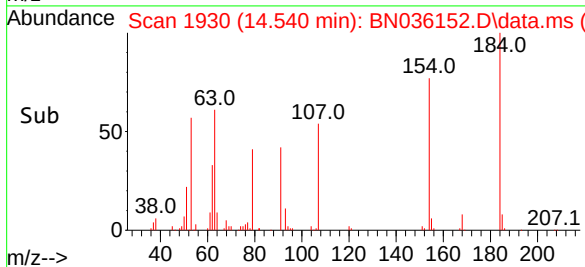
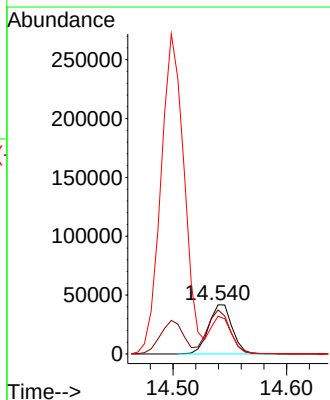
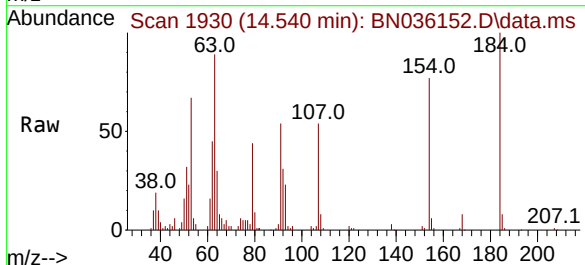
Instrument :
 BNA_N
 ClientSampleId :
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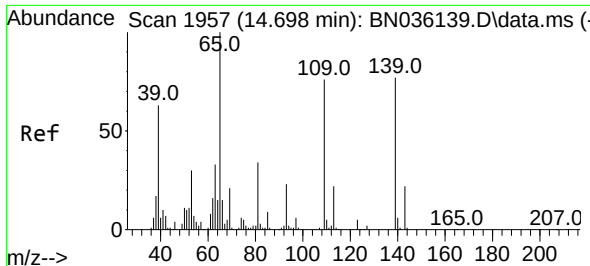
Tgt Ion:153 Resp: 443651
 Ion Ratio Lower Upper
 153 100
 152 47.9 38.1 57.1
 154 86.7 70.6 105.8



#53
 2,4-Dinitrophenol
 Concen: 27.340 ng/ul
 RT: 14.540 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BN036152.D
 Acq: 31 Jan 2025 03:31

Tgt Ion:184 Resp: 60357
 Ion Ratio Lower Upper
 184 100
 63 89.5 62.0 93.0
 154 76.8 53.0 79.6

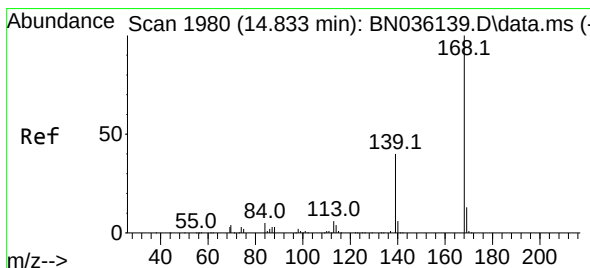
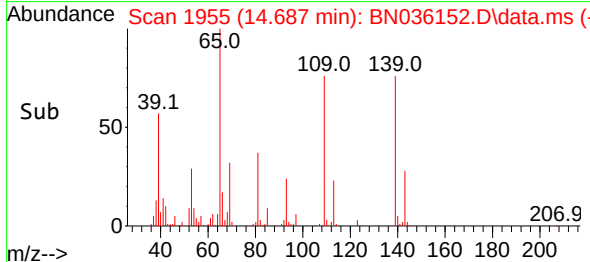
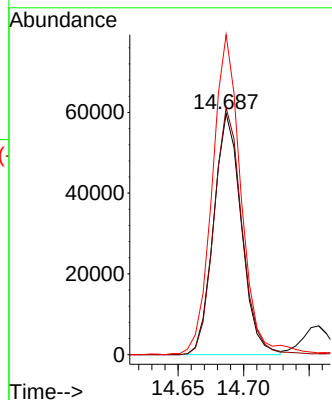
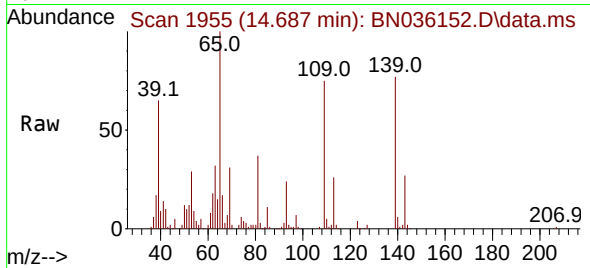




#55
4-Nitrophenol
Concen: 26.810 ng/ul
RT: 14.687 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

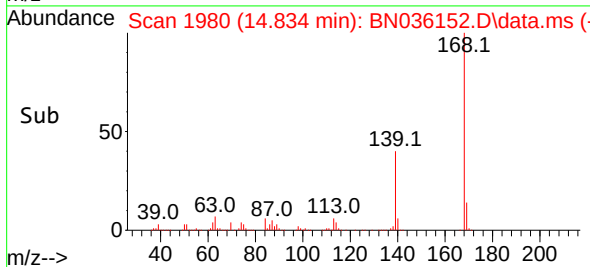
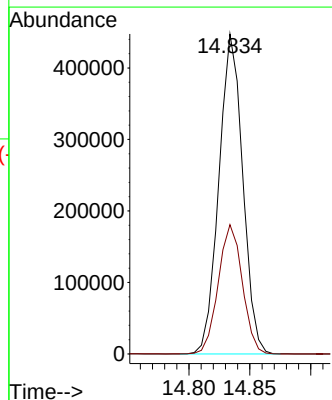
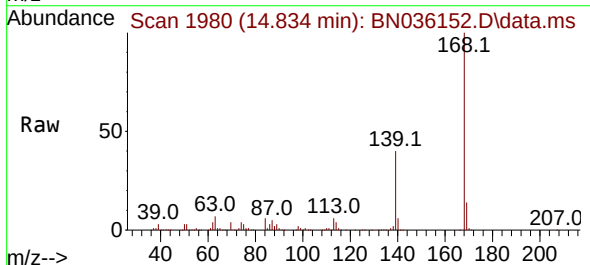
Instrument :
BNA_N
ClientSampleId :
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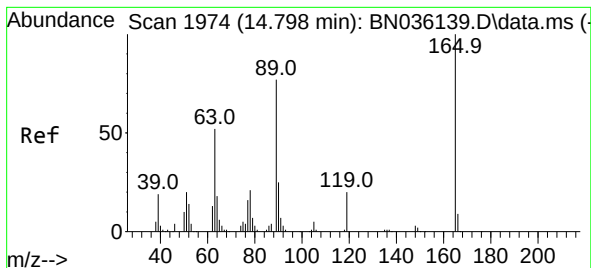
Tgt Ion:109 Resp: 87756
Ion Ratio Lower Upper
109 100
139 102.4 79.3 118.9
65 132.7 97.7 146.5



#56
Dibenzofuran
Concen: 29.322 ng/ul
RT: 14.834 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:168 Resp: 609098
Ion Ratio Lower Upper
168 100
139 40.4 33.8 50.8

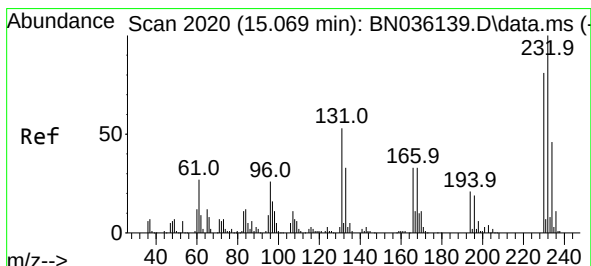
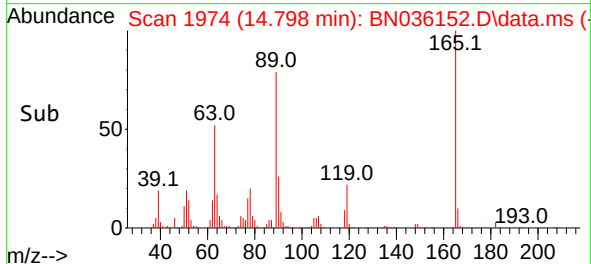
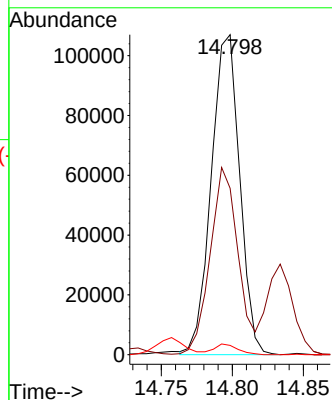
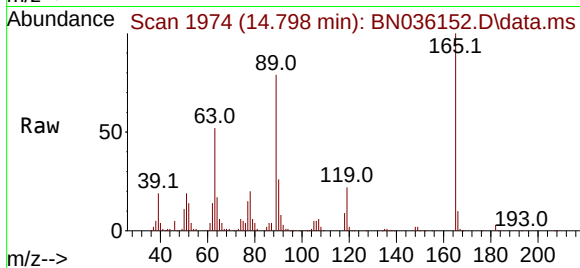




#57
2,4-Dinitrotoluene
Concen: 28.347 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

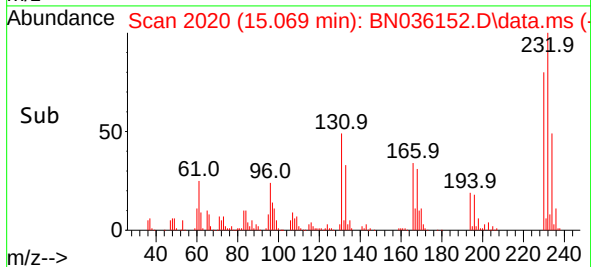
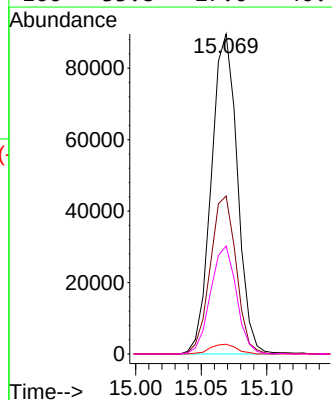
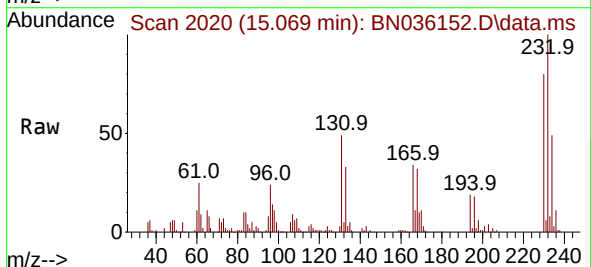
Instrument :
BNA_N
ClientSampleId :
SLCS343

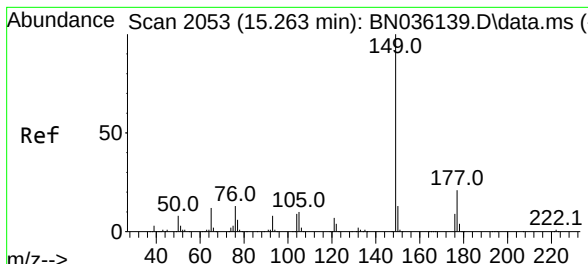
Tgt Ion:165 Resp: 149026
Ion Ratio Lower Upper
165 100
63 52.0 43.8 65.8
182 2.9 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.193 ng/ul
RT: 15.069 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:232 Resp: 123777
Ion Ratio Lower Upper
232 100
131 49.3 40.0 60.0
130 3.0 3.0 4.4
166 33.8 27.0 40.4

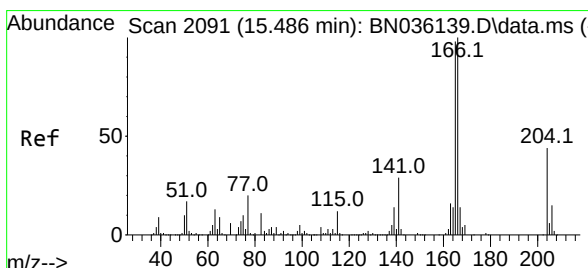
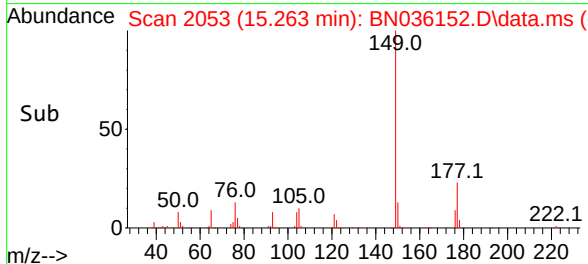
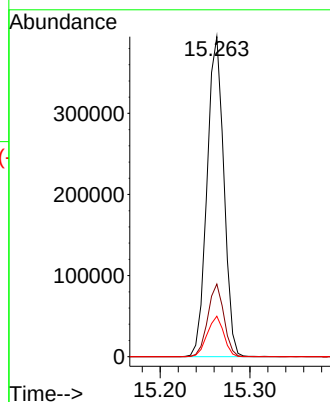
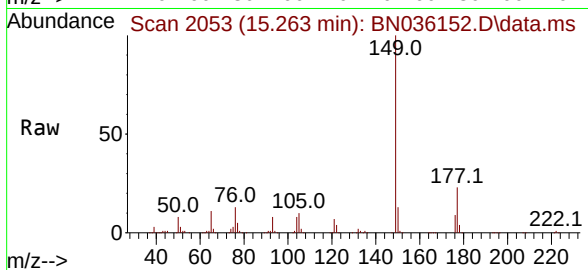




#59
 Diethylphthalate
 Concen: 27.855 ng/ul
 RT: 15.263 min Scan# 2053
 Delta R.T. -0.000 min
 Lab File: BN036152.D
 Acq: 31 Jan 2025 03:31

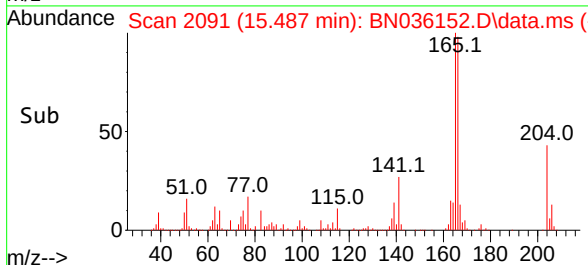
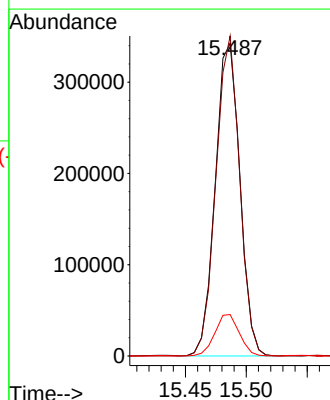
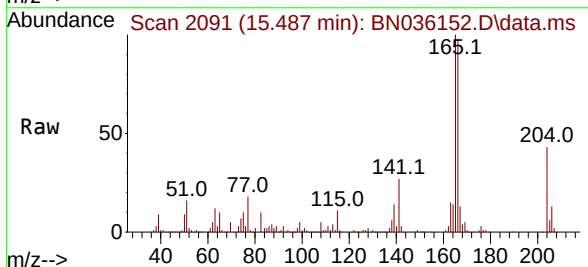
Instrument :
 BNA_N
 ClientSampleId :
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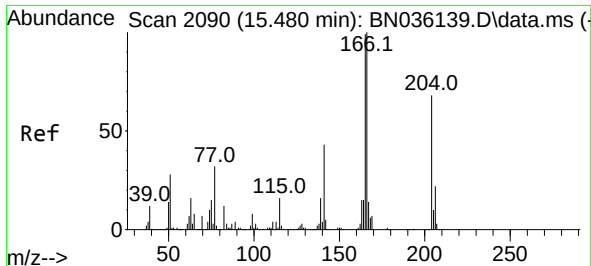
Tgt Ion:149 Resp: 511890
 Ion Ratio Lower Upper
 149 100
 177 22.7 17.8 26.8
 150 12.6 9.8 14.8



#61
 Fluorene
 Concen: 28.688 ng/ul
 RT: 15.487 min Scan# 2091
 Delta R.T. -0.000 min
 Lab File: BN036152.D
 Acq: 31 Jan 2025 03:31

Tgt Ion:166 Resp: 483256
 Ion Ratio Lower Upper
 166 100
 165 102.4 79.8 119.8
 167 13.3 11.2 16.8

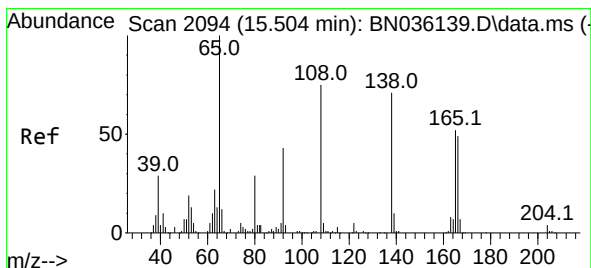
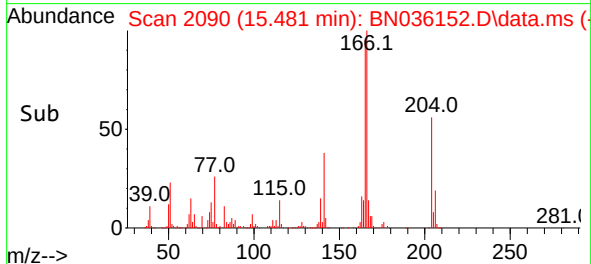
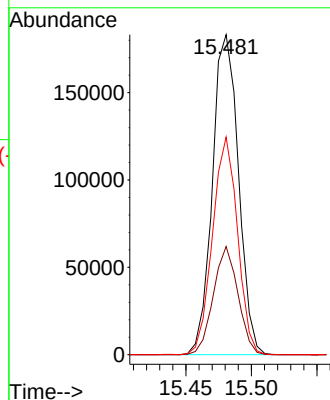
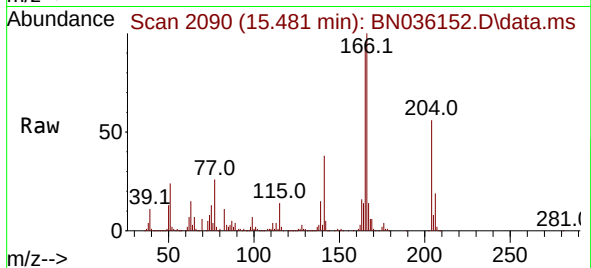




#62
4-Chlorophenyl-phenylether
Concen: 29.051 ng/ul
RT: 15.481 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

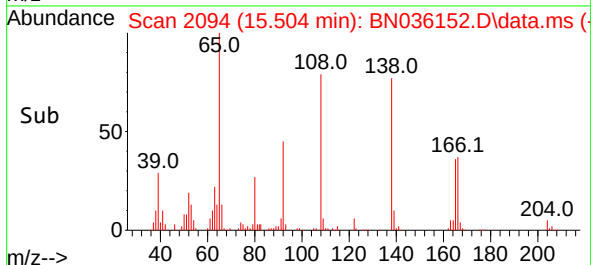
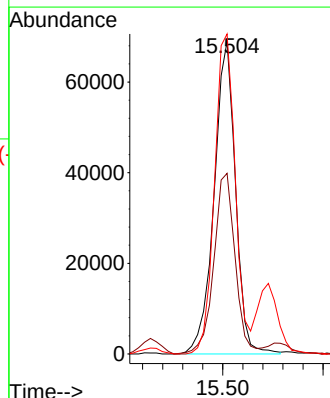
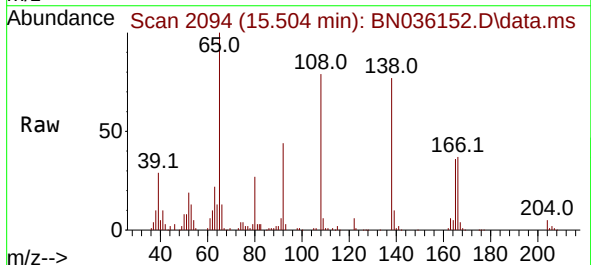
Instrument :
BNA_N
ClientSampleId :
SLCS343

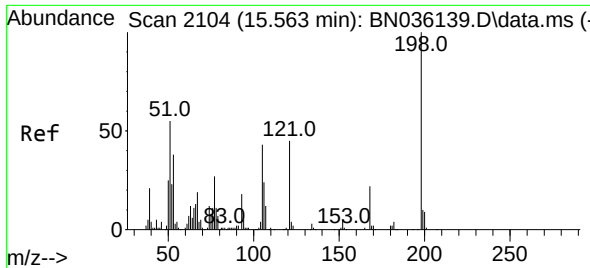
Tgt Ion:204 Resp: 253027
Ion Ratio Lower Upper
204 100
206 33.8 25.5 38.3
141 68.0 51.0 76.4



#63
4-Nitroaniline
Concen: 29.683 ng/ul
RT: 15.504 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:138 Resp: 102234
Ion Ratio Lower Upper
138 100
92 57.8 47.2 70.8
108 102.3 93.0 139.6

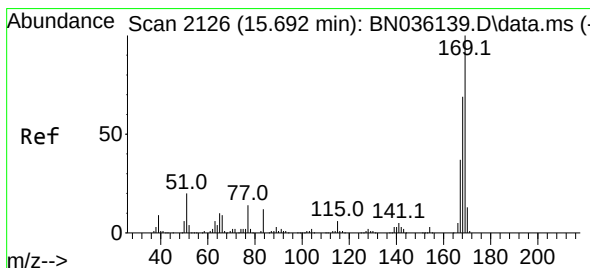
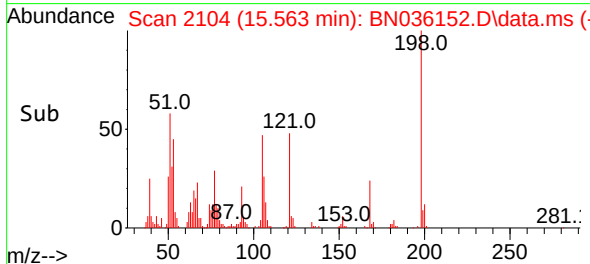
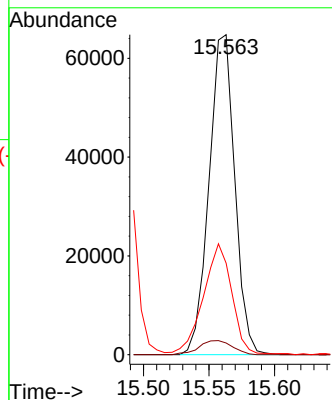
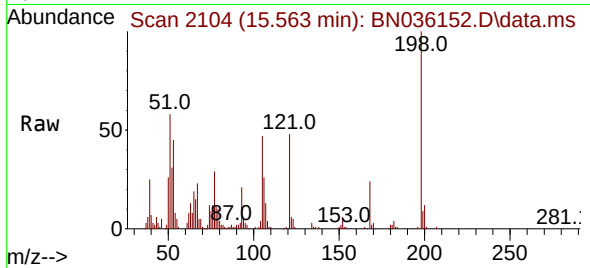




#66
 4,6-Dinitro-2-methylphenol
 Concen: 30.089 ng/ul
 RT: 15.563 min Scan# 2104
 Delta R.T. -0.000 min
 Lab File: BN036152.D
 Acq: 31 Jan 2025 03:31

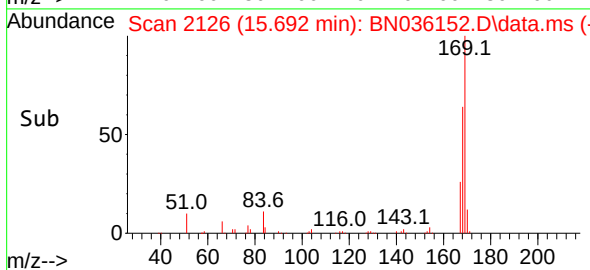
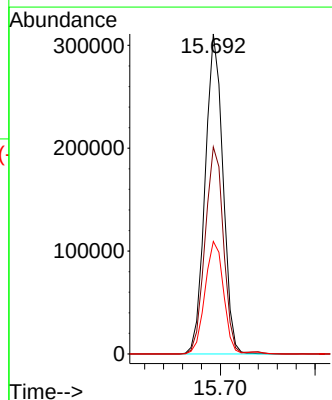
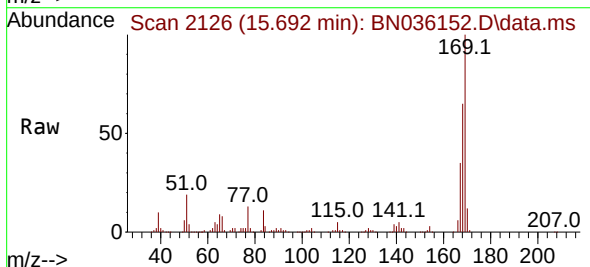
Instrument :
 BNA_N
 ClientSampleId :
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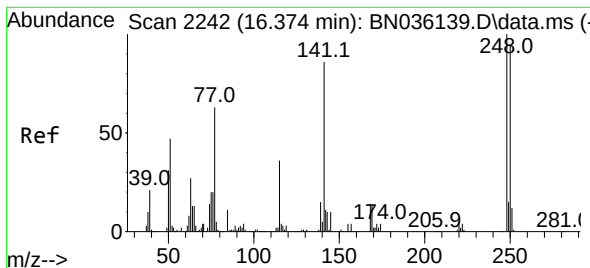
Tgt Ion:198 Resp: 88488
 Ion Ratio Lower Upper
 198 100
 182 3.7 3.5 5.3
 77 28.6 24.6 36.8



#67
 N-Nitrosodiphenylamine
 Concen: 31.774 ng/ul
 RT: 15.692 min Scan# 2126
 Delta R.T. -0.000 min
 Lab File: BN036152.D
 Acq: 31 Jan 2025 03:31

Tgt Ion:169 Resp: 403540
 Ion Ratio Lower Upper
 169 100
 168 64.7 55.1 82.7
 167 35.2 30.3 45.5

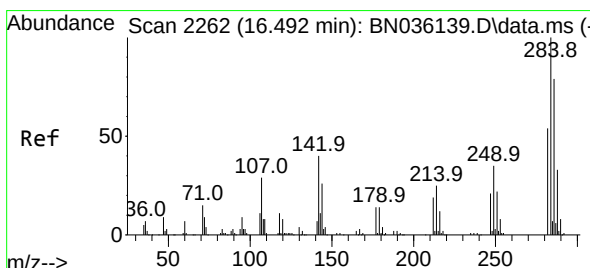
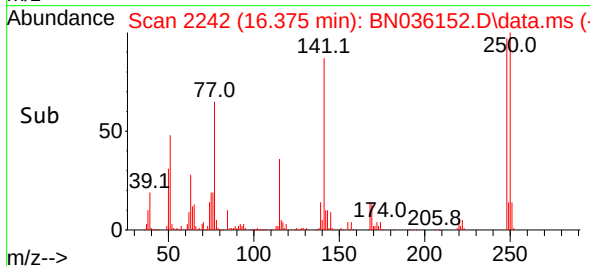
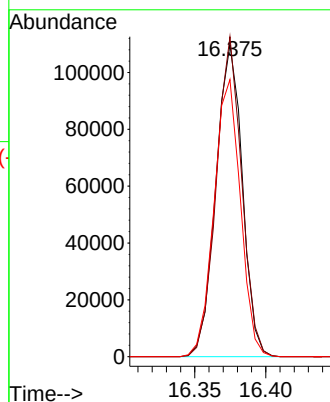
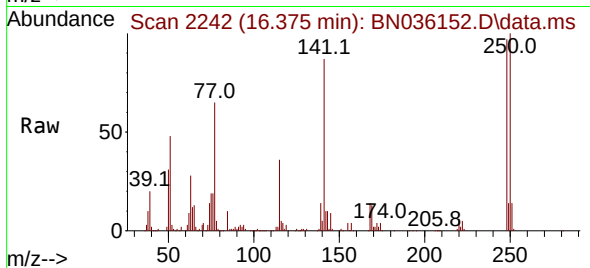




#68
4-Bromophenyl-phenylether
Concen: 31.744 ng/ul
RT: 16.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

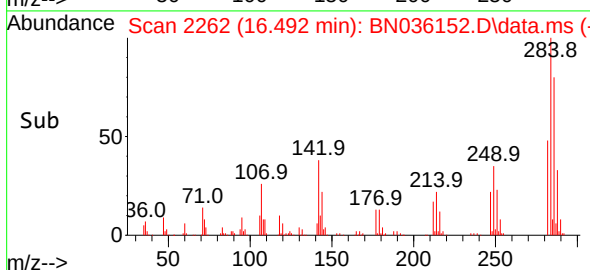
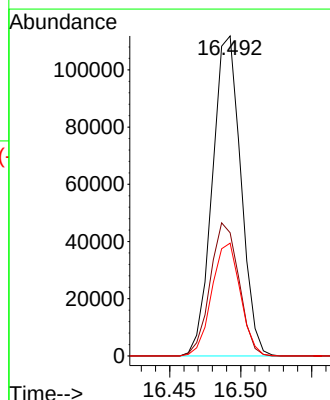
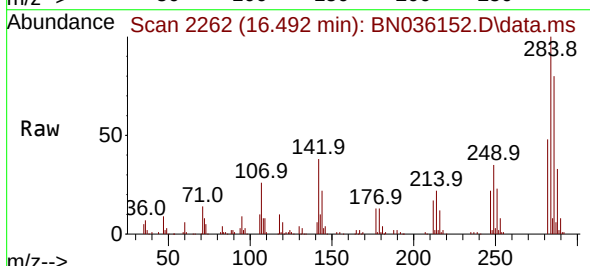
Instrument :
BNA_N
ClientSampleId :
SLCS343

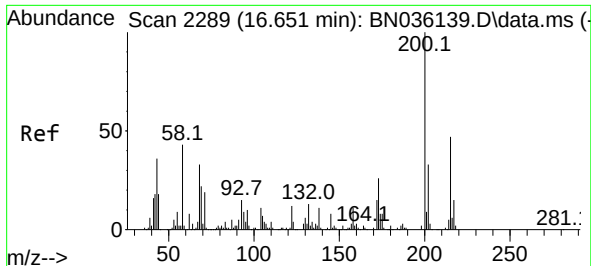
Tgt Ion:248 Resp: 142313
Ion Ratio Lower Upper
248 100
250 102.6 73.0 109.6
141 88.8 65.8 98.8



#69
Hexachlorobenzene
Concen: 31.881 ng/ul
RT: 16.492 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:284 Resp: 155925
Ion Ratio Lower Upper
284 100
142 38.5 32.6 48.8
249 35.2 25.4 38.2

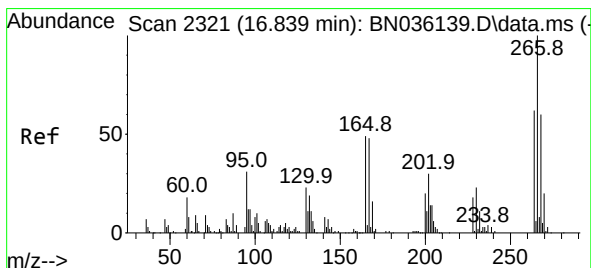
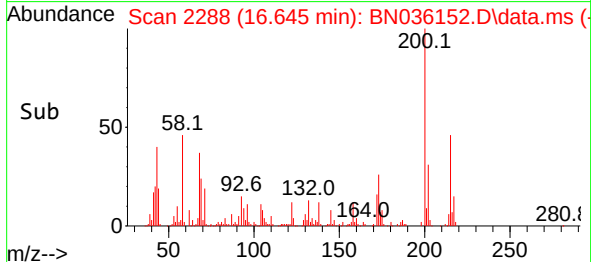
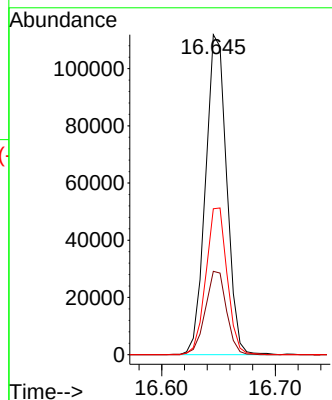
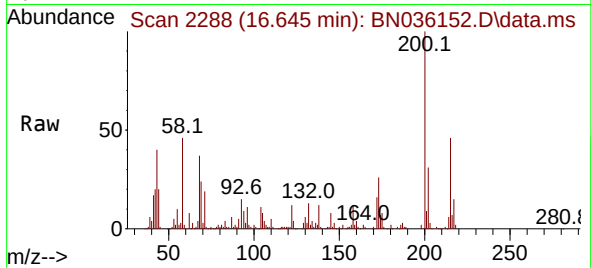




#70
Atrazine
Concen: 28.882 ng/ul
RT: 16.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

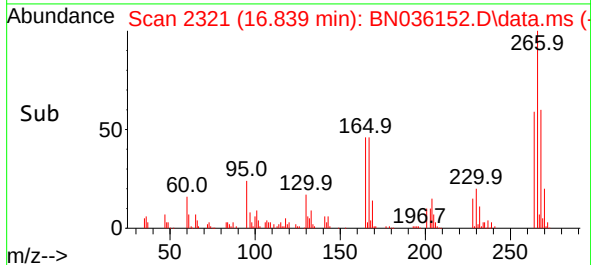
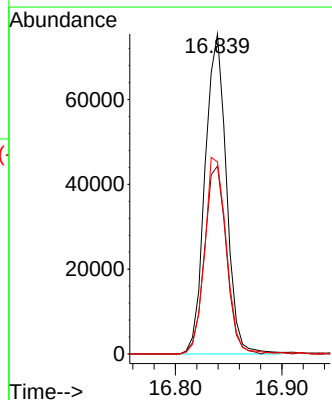
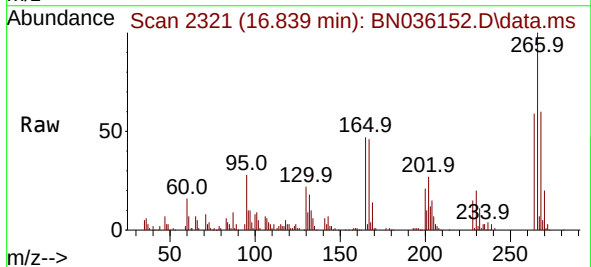
Instrument :
BNA_N
ClientSampleId :
SLCS343

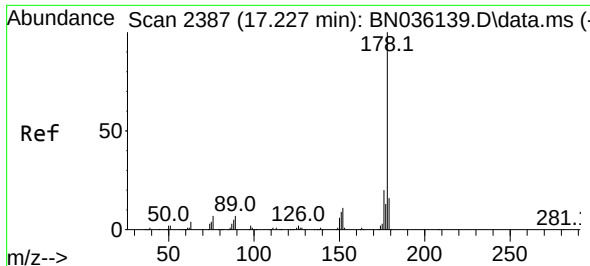
Tgt Ion:200 Resp: 144572
Ion Ratio Lower Upper
200 100
173 26.0 21.6 32.4
215 45.6 38.4 57.6



#71
Pentachlorophenol
Concen: 31.467 ng/ul
RT: 16.839 min Scan# 2321
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:266 Resp: 105056
Ion Ratio Lower Upper
266 100
264 58.7 49.4 74.2
268 60.0 47.8 71.6

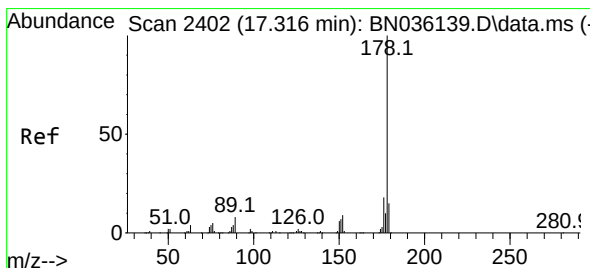
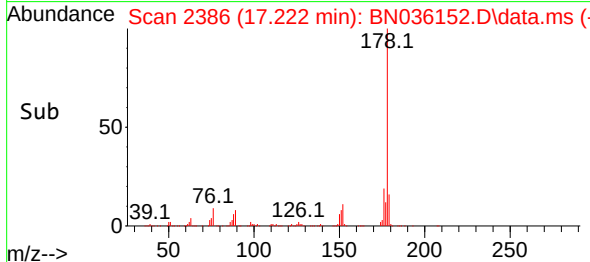
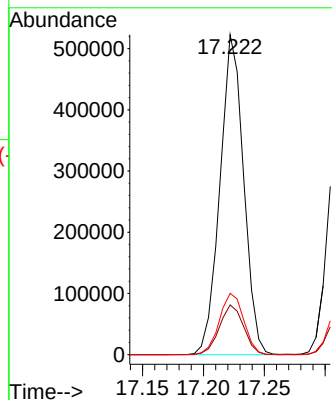
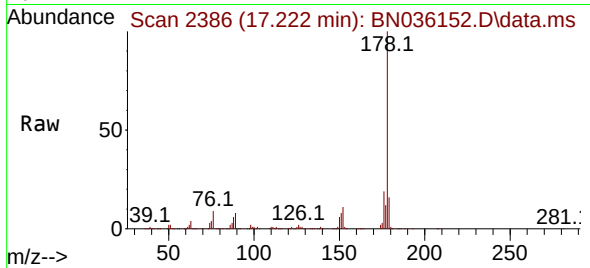




#72
 Phenanthrene
 Concen: 30.101 ng/u1
 RT: 17.222 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN036152.D
 Acq: 31 Jan 2025 03:31

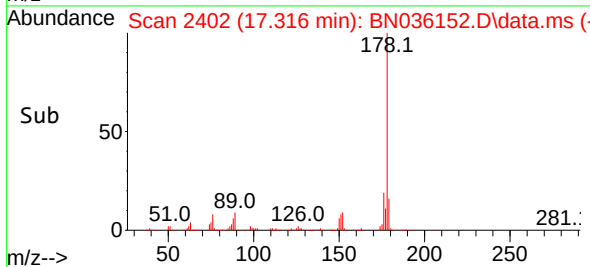
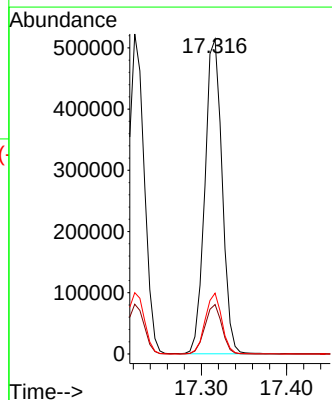
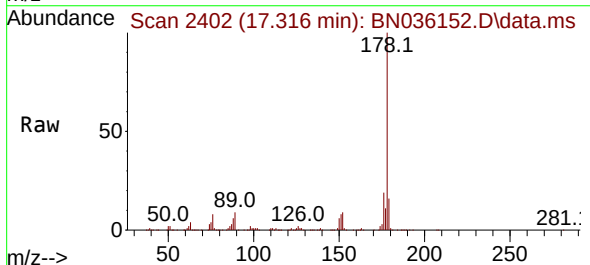
Instrument :
 BNA_N
 ClientSampleId :
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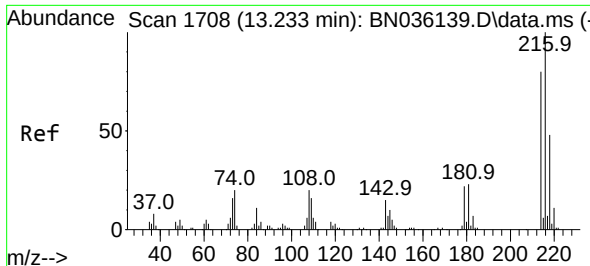
Tgt Ion:178 Resp: 706185
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.2 18.2
 176 19.1 15.4 23.2



#74
 Anthracene
 Concen: 30.552 ng/u1
 RT: 17.316 min Scan# 2402
 Delta R.T. -0.000 min
 Lab File: BN036152.D
 Acq: 31 Jan 2025 03:31

Tgt Ion:178 Resp: 721297
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.4 18.6
 176 19.3 15.1 22.7

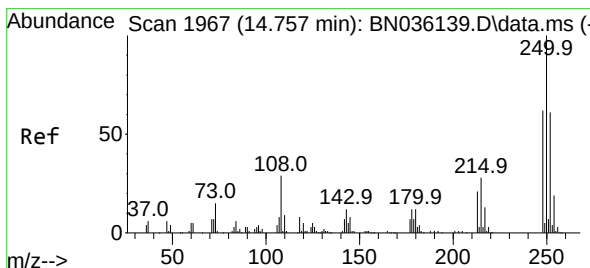
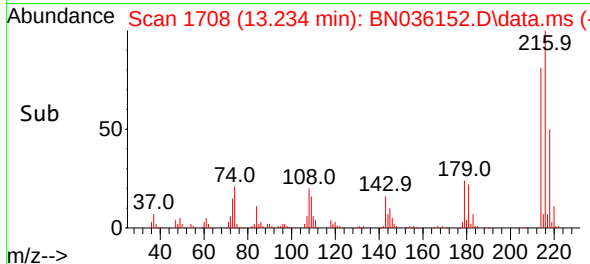
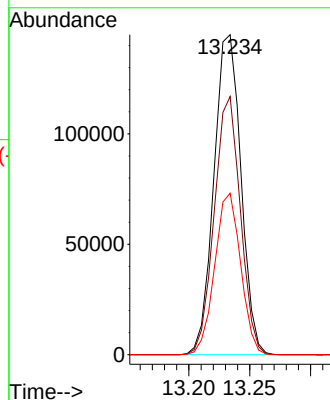
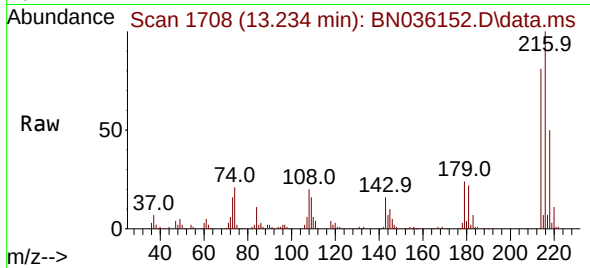




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.411 ng/uL
RT: 13.234 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

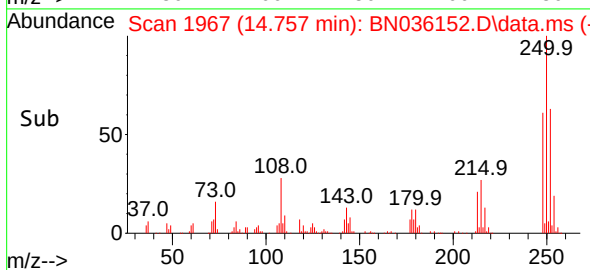
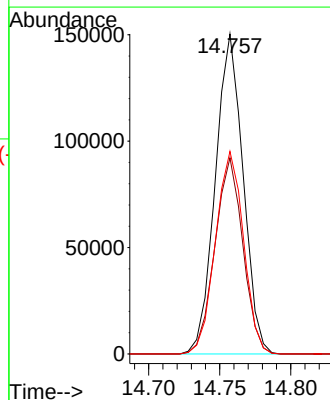
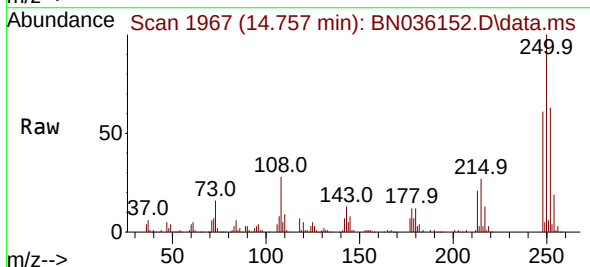
Instrument :
BNA_N
ClientSampleId :
SLCS343

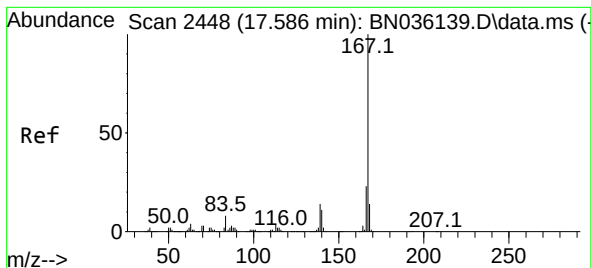
Tgt Ion:216 Resp: 224094
Ion Ratio Lower Upper
216 100
214 80.7 62.6 94.0
218 50.5 37.4 56.0



#76
Pentachlorobenzene
Concen: 32.110 ng/uL
RT: 14.757 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:250 Resp: 204300
Ion Ratio Lower Upper
250 100
248 61.3 49.1 73.7
252 63.3 46.2 69.2





#77

Carbazole

Concen: 31.509 ng/ul

RT: 17.587 min Scan# 2448

Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Instrument :

BNA_N

ClientSampleId :

SLCS343

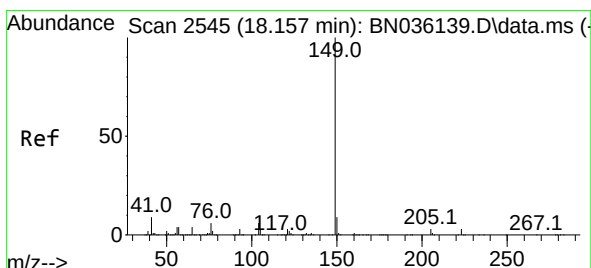
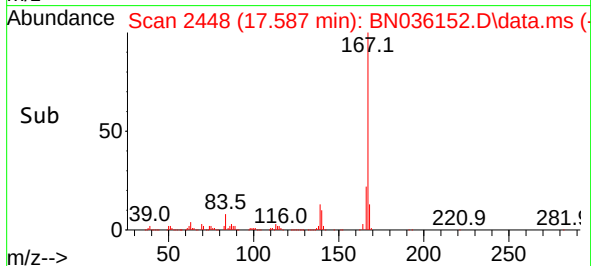
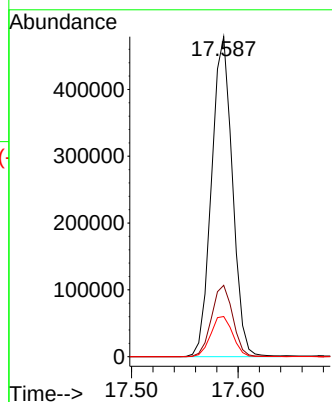
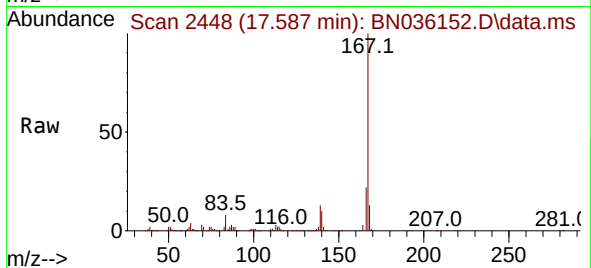
Tgt Ion:167 Resp: 652557

Ion Ratio Lower Upper

167 100

166 22.3 16.8 25.2

139 12.6 10.5 15.7



#78

Di-n-butylphthalate

Concen: 31.994 ng/ul

RT: 18.151 min Scan# 2544

Delta R.T. -0.006 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

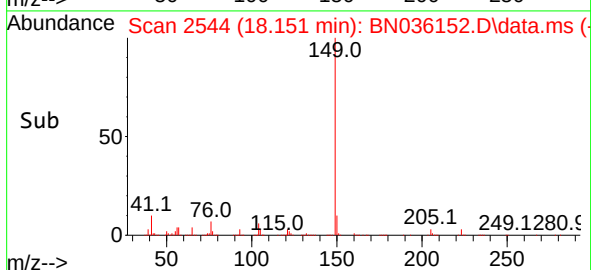
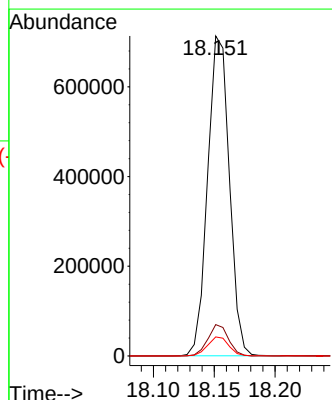
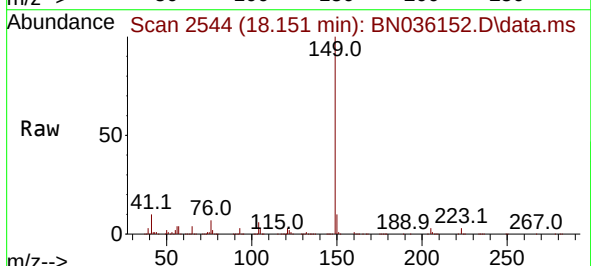
Tgt Ion:149 Resp: 882578

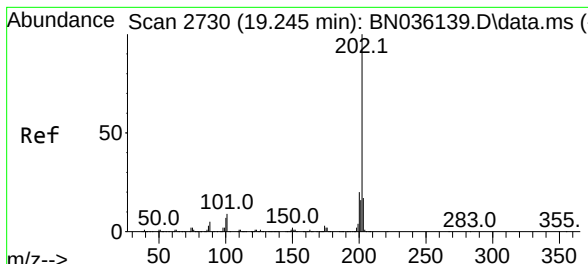
Ion Ratio Lower Upper

149 100

150 9.8 7.2 10.8

104 6.0 4.9 7.3

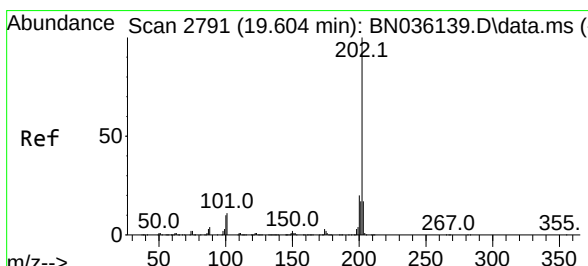
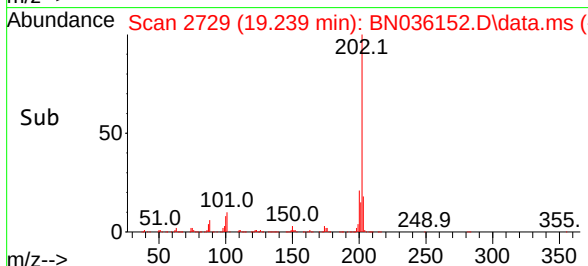
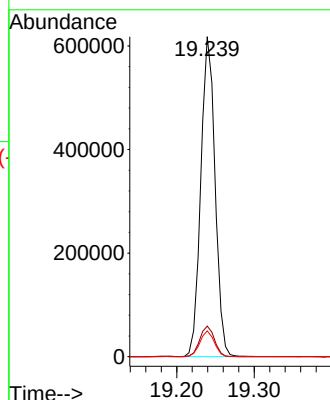
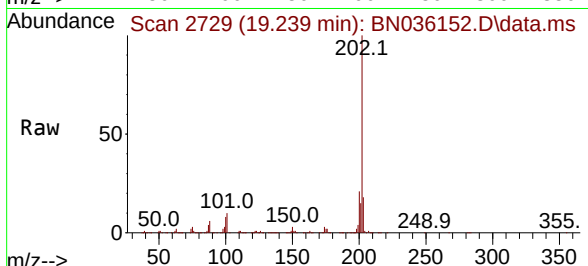




#80
Fluoranthene
Concen: 31.900 ng/ul
RT: 19.239 min Scan# 2729
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

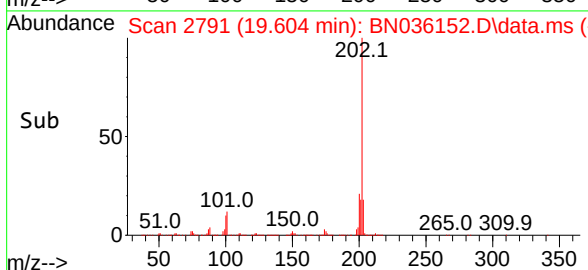
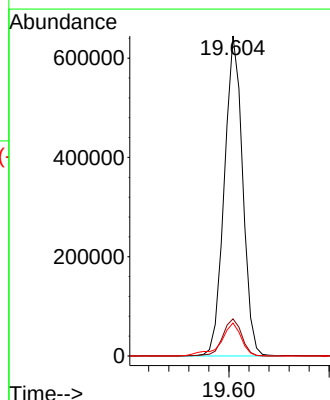
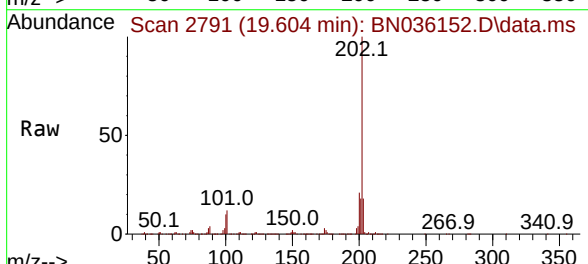
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BNA_N
ClientSampleId :
SLCS343

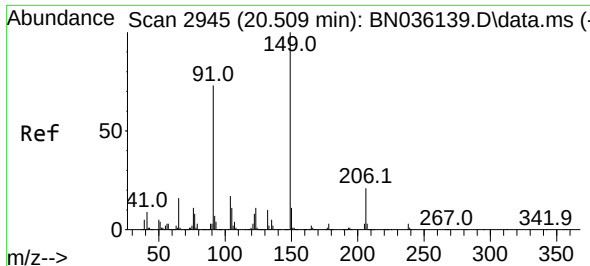
Tgt Ion:202 Resp: 789867
Ion Ratio Lower Upper
202 100
101 9.6 8.4 12.6
100 8.1 7.0 10.6



#82
Pyrene
Concen: 31.155 ng/ul
RT: 19.604 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:202 Resp: 817794
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.0
100 10.3 8.1 12.1

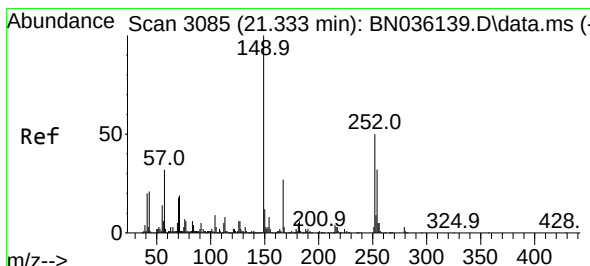
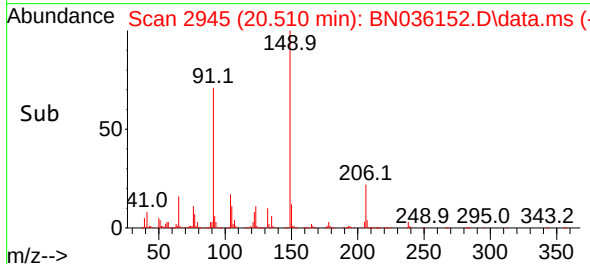
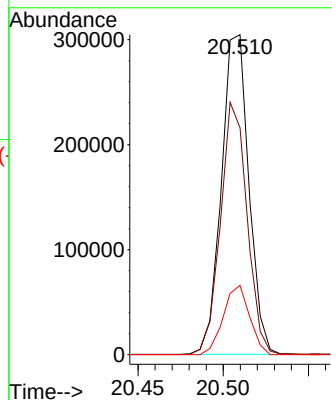
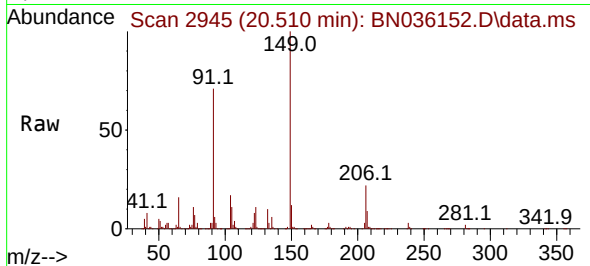




#83
Butylbenzylphthalate
Concen: 30.246 ng/ul
RT: 20.510 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

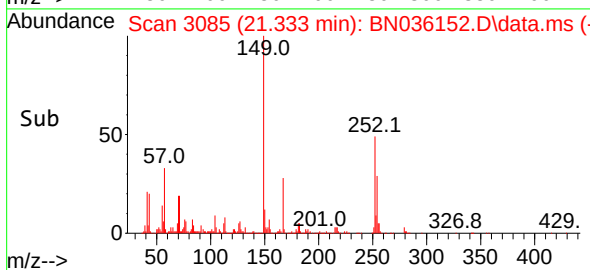
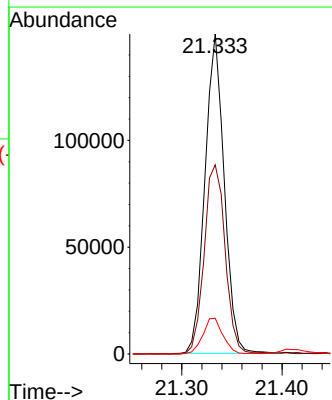
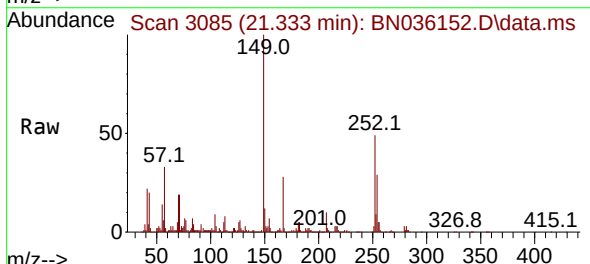
Instrument :
BNA_N
ClientSampleId :
SLCS343

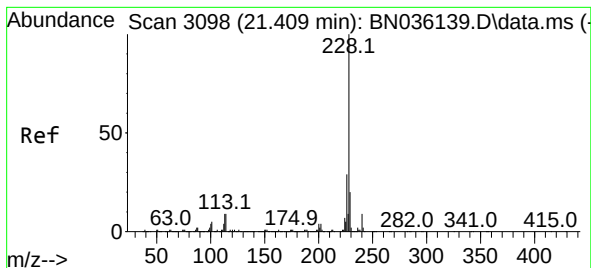
Tgt Ion:149 Resp: 341404
Ion Ratio Lower Upper
149 100
91 70.9 60.2 90.4
206 21.7 16.3 24.5



#84
3,3'-Dichlorobenzidine
Concen: 31.847 ng/ul
RT: 21.333 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:252 Resp: 200182
Ion Ratio Lower Upper
252 100
254 59.1 52.3 78.5
126 11.2 9.0 13.6





#85

Benzo(a)anthracene

Concen: 29.865 ng/ul

RT: 21.410 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Instrument :

BNA_N

ClientSampleId :

SLCS343

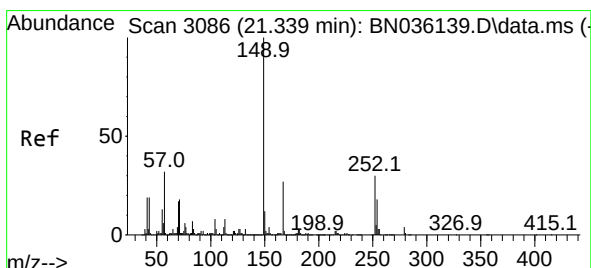
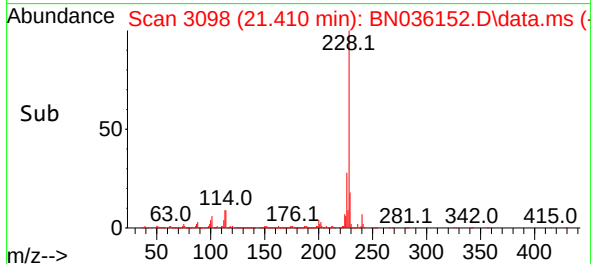
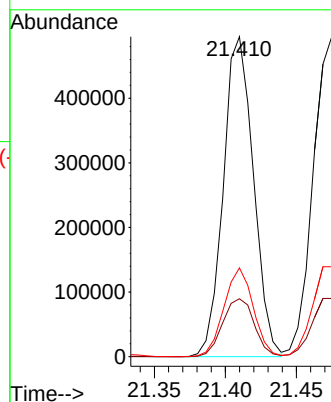
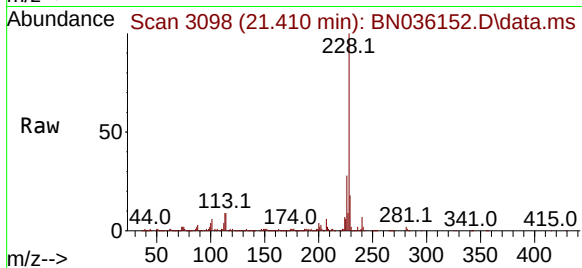
Tgt Ion:228 Resp: 730795

Ion Ratio Lower Upper

228 100

229 18.1 16.2 24.4

226 27.7 21.5 32.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.087 ng/ul

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

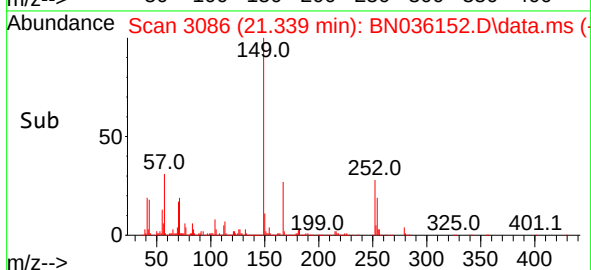
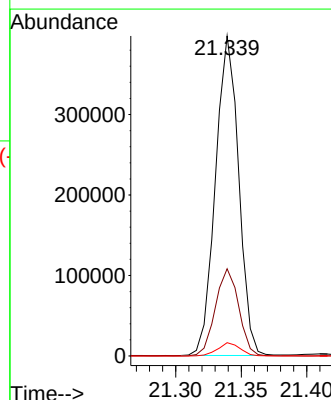
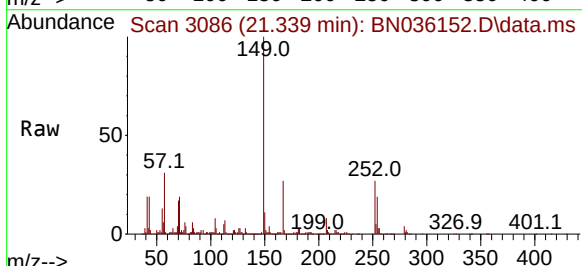
Tgt Ion:149 Resp: 487928

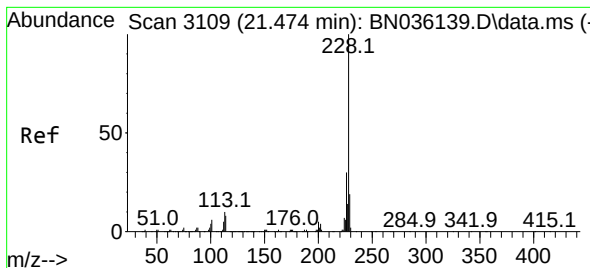
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.2 3.0 4.6





#87

Chrysene

Concen: 30.186 ng/ul

RT: 21.475 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Instrument :

BNA_N

ClientSampleId :

SLCS343

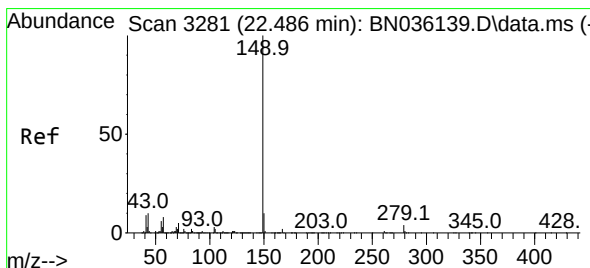
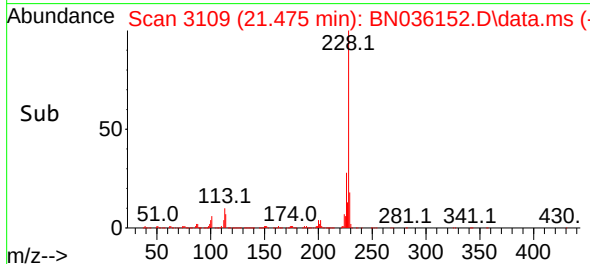
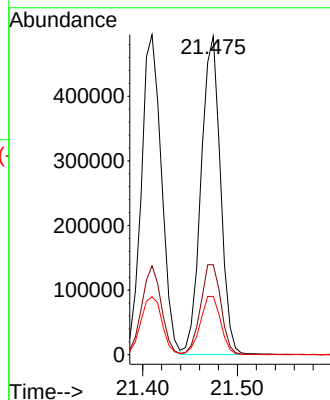
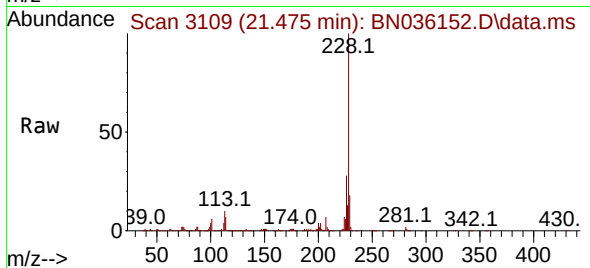
Tgt Ion:228 Resp: 700345

Ion Ratio Lower Upper

228 100

226 28.2 23.4 35.2

229 18.3 15.0 22.4



#89

Di-n-octyl phthalate

Concen: 26.613 ng/ul

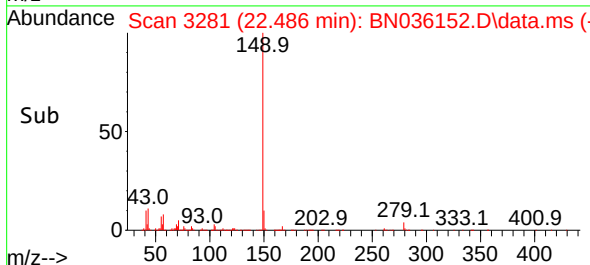
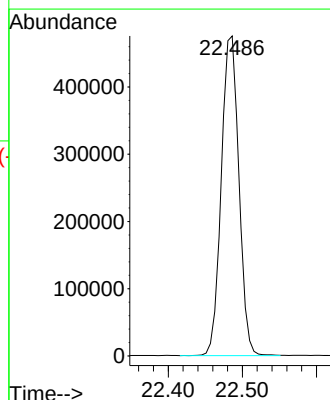
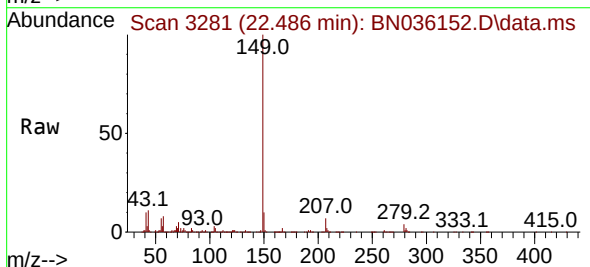
RT: 22.486 min Scan# 3281

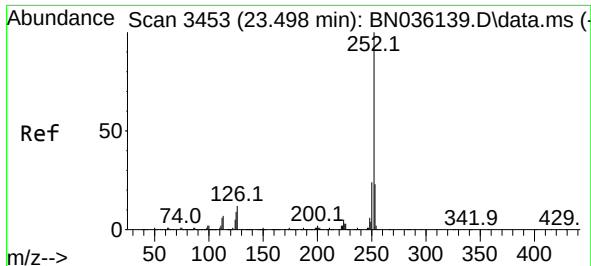
Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Tgt Ion:149 Resp: 783912

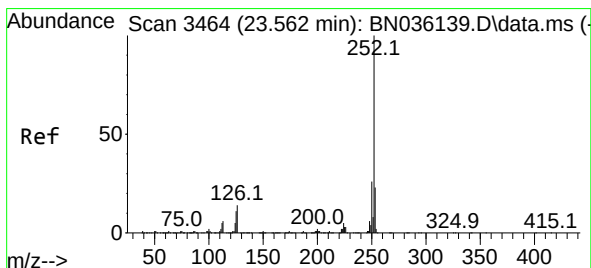
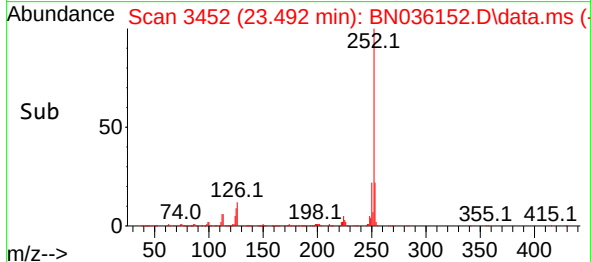
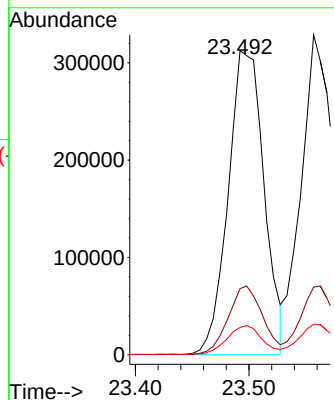
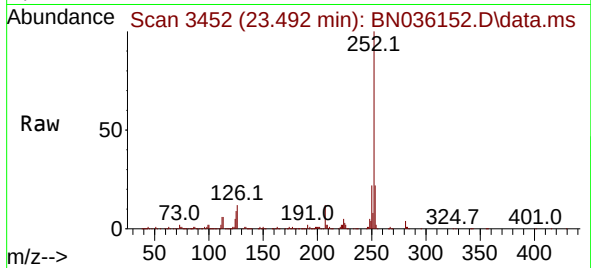




#90
Benzo(b)fluoranthene
Concen: 28.941 ng/ul
RT: 23.492 min Scan# 3453
Delta R.T. -0.012 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

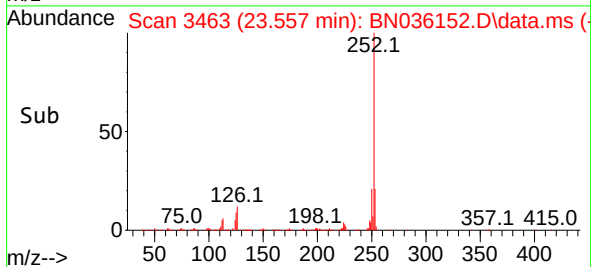
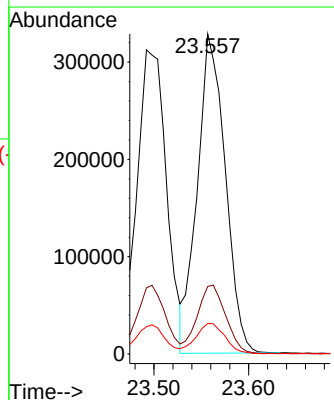
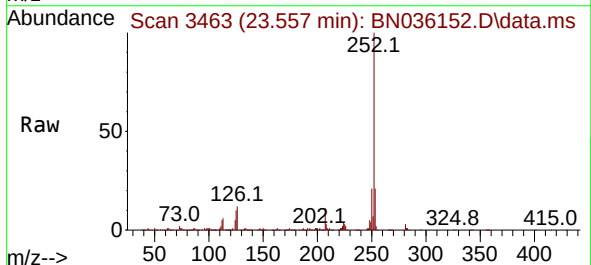
Instrument :
BNA_N
ClientSampleId :
SLCS343

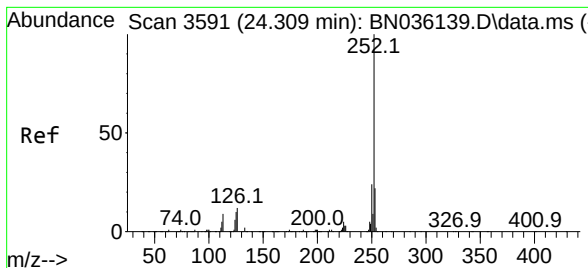
Tgt Ion:252 Resp: 685943
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.9 7.9 11.9



#91
Benzo(k)fluoranthene
Concen: 28.478 ng/ul
RT: 23.557 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BN036152.D
Acq: 31 Jan 2025 03:31

Tgt Ion:252 Resp: 672090
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 9.5 7.3 10.9





#93

Benzo(a)pyrene

Concen: 29.889 ng/ul

RT: 24.316 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Instrument :

BNA_N

ClientSampleId :

SLCS343

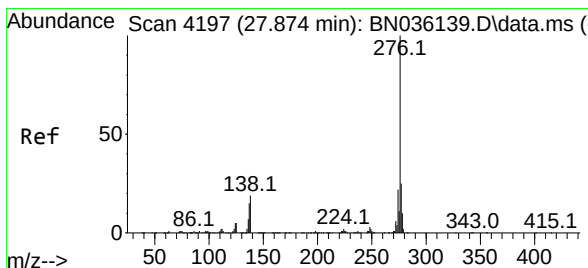
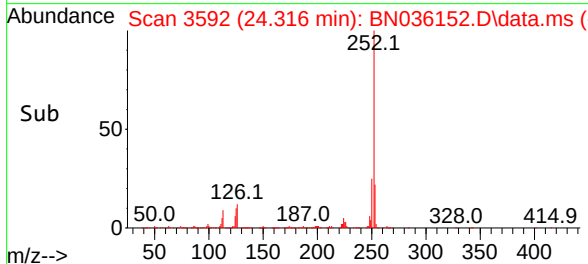
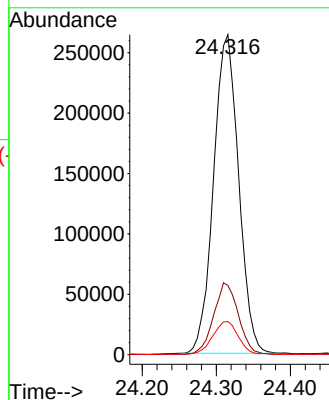
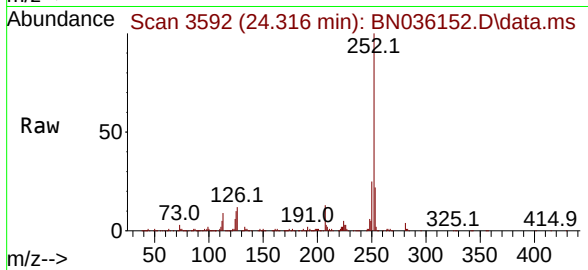
Tgt Ion:252 Resp: 619160

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 10.4 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.100 ng/ul

RT: 27.868 min Scan# 4196

Delta R.T. -0.012 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

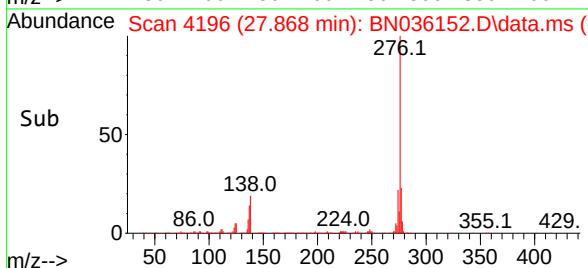
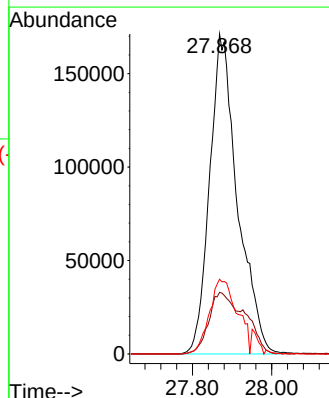
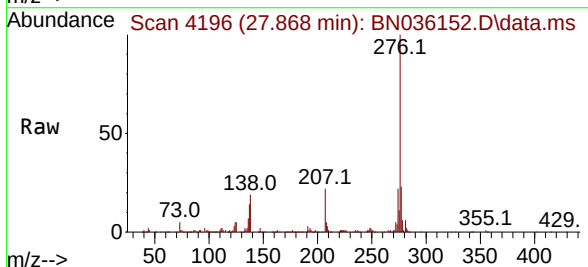
Tgt Ion:276 Resp: 836215

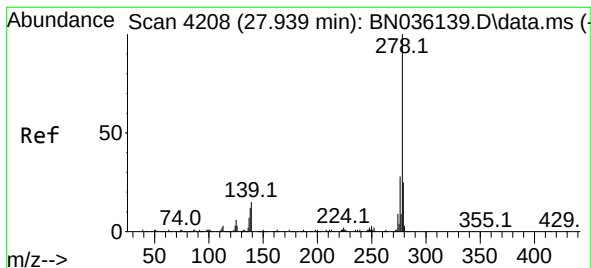
Ion Ratio Lower Upper

276 100

138 19.3 15.8 23.6

277 23.4 19.0 28.6





#95

Dibenzo(a,h)anthracene

Concen: 37.805 ng/ul

RT: 27.933 min Scan# 4379

Delta R.T. -0.012 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Instrument :

BNA_N

ClientSampleId :

SLCS343

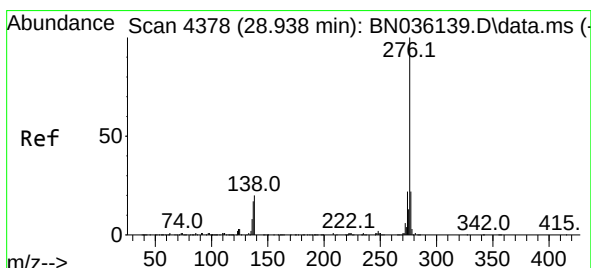
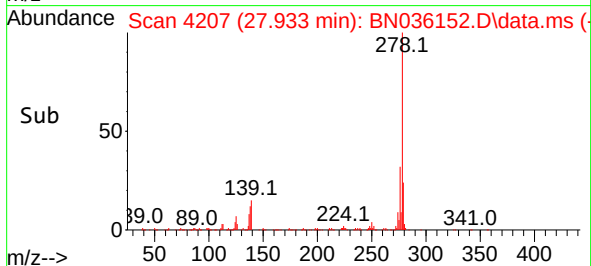
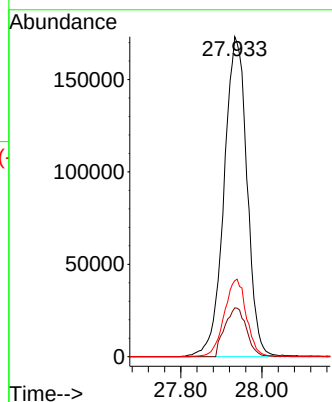
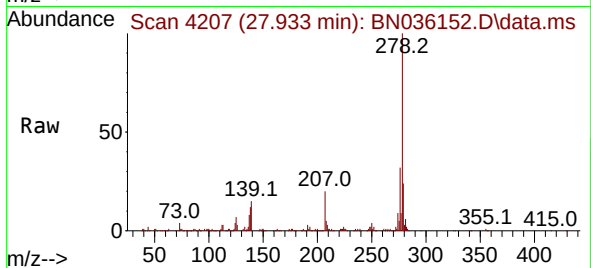
Tgt Ion:278 Resp: 679599

Ion Ratio Lower Upper

278 100

139 15.2 12.4 18.6

279 23.7 20.5 30.7



#96

Benzo(g,h,i)perylene

Concen: 39.049 ng/ul

RT: 28.945 min Scan# 4379

Delta R.T. 0.012 min

Lab File: BN036152.D

Acq: 31 Jan 2025 03:31

Tgt Ion:276 Resp: 669860

Ion Ratio Lower Upper

276 100

138 18.8 16.0 24.0

277 23.5 17.9 26.9

