

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023902.D
 Acq On : 02 Feb 2023 13:23
 Operator : CG/JU
 Sample : 01362-14MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4488MSD

Quant Time: Feb 03 01:17:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 02:10:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	161082	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	570090	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	324896	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	698323m	20.000	ng/u1	0.04
79) Chrysene-d12	21.451	240	31842m	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	660950	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	19825	4.967	ng/uL	0.00
4) Pyridine-d5	3.664	84	294957	26.450	ng/u1	0.00
7) Phenol-d5	7.028	99	432293	30.732	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	269093	30.270	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	361495	32.867	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	327000	29.305	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	167269	36.163	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	187547	35.636	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	339162	34.514	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	364247	27.170	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	651788m	25.128	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	974255	34.721	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	87731m	18.655	ng/u1	0.11
60) Fluorene-d10	15.510	176	996542m	45.828	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.757	200	85964m	17.396	ng/u1	0.14
73) Anthracene-d10	17.381	188	765414	23.543	ng/u1	0.03
81) Pyrene-d10	19.663	212	1139903m	589.640	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.710	264	1150531	33.539	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	47513	11.557	ng/uL#	85
5) Pyridine	3.687	79	336694	30.048	ng/u1	93
6) Benzaldehyde	6.993	77	279297	45.662	ng/u1	98
8) Phenol	7.058	94	471473	33.341	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.281	93	367269	31.878	ng/u1	99
12) 2-Chlorophenol	7.416	128	387570	34.822	ng/u1	98
13) 2-Methylphenol	8.310	108	341467	31.826	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	442627	30.086	ng/u1	98
16) Acetophenone	8.687	105	547296	31.669	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	279541	29.465	ng/u1	98
18) 4-Methylphenol	8.640	108	364221	31.339	ng/u1	99
19) Hexachloroethane	8.934	117	170518	36.581	ng/u1	98
22) Nitrobenzene	9.069	77	423876	36.504	ng/u1	98
23) Isophorone	9.593	82	744045	33.950	ng/u1	99
25) 2-Nitrophenol	9.781	139	209170	38.273	ng/u1	96
26) 2,4-Dimethylphenol	9.846	107	391248	36.150	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.081	93	455007	33.983	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	342069	36.073	ng/u1	100
30) Naphthalene	10.716	128	1136421	36.808	ng/u1	99
32) 4-Chloroaniline	10.834	127	352932	26.452	ng/u1	97
33) Hexachlorobutadiene	10.993	225	261081	39.290	ng/u1	94
34) Caprolactam	11.622	113	91495	30.877	ng/u1	98
35) 4-Chloro-3-methylphenol	11.963	107	321896	31.669	ng/u1	99
36) 2-Methylnaphthalene	12.328	142	727766	34.692	ng/u1	99

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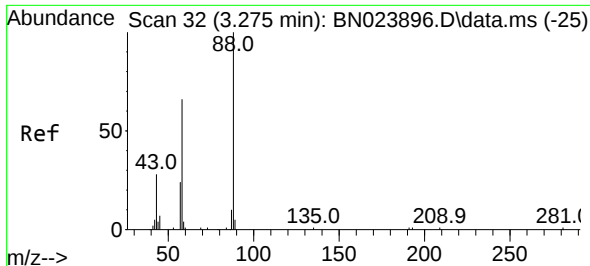
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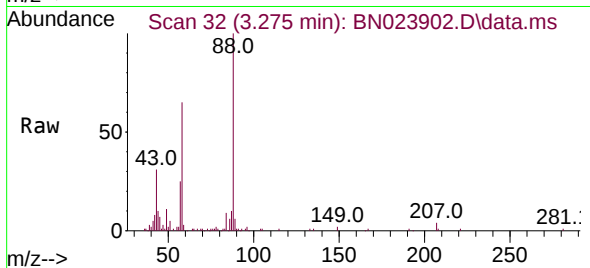
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	724897	33.776	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.693	216	422581	37.854	ng/u1	98
40) Hexachlorocyclopentadiene	12.669	237	262753	32.692	ng/u1	97
41) 2,4,6-Trichlorophenol	12.940	196	270358	36.706	ng/u1	99
42) 2,4,5-Trichlorophenol	13.016	196	281910	35.335	ng/u1	97
43) 1,1'-Biphenyl	13.345	154	2797360	109.261	ng/u1	98
44) 2-Chloronaphthalene	13.381	162	717293	36.007	ng/u1	99
45) 2-Nitroaniline	13.593	65	196351	32.826	ng/u1	97
47) Dimethylphthalate	13.969	163	733927	28.510	ng/u1	99
48) 2,6-Dinitrotoluene	14.098	165	136681m	26.781	ng/u1	
50) Acenaphthylene	14.228	152	1059507	35.156	ng/u1	98
51) 3-Nitroaniline	14.481	138	139843m	30.438	ng/u1	
52) Acenaphthene	14.569	153	749563	35.829	ng/u1	97
53) 2,4-Dinitrophenol	14.710	184	86016m	23.974	ng/u1	
55) 4-Nitrophenol	14.822	109	22915m	5.732	ng/u1	
56) Dibenzofuran	14.904	168	936929	31.393	ng/u1	92
57) 2,4-Dinitrotoluene	14.951	165	246242m	34.101	ng/u1	
58) 2,3,4,6-Tetrachlorophenol	15.187	232	232262m	32.644	ng/u1	
59) Diethylphthalate	15.387	149	839405m	32.816	ng/u1	
61) Fluorene	15.569	166	3752156m	153.732	ng/u1	
62) 4-Chlorophenyl-phenyle...	15.569	204	403779m	31.535	ng/u1	
63) 4-Nitroaniline	15.610	138	64465m	15.460	ng/u1	
68) 4-Bromophenyl-phenylether	16.481	248	245062	29.964	ng/u1#	93
69) Hexachlorobenzene	16.610	284	287405	30.417	ng/u1	91
70) Atrazine	16.757	200	247912m	30.600	ng/u1	
71) Pentachlorophenol	16.945	266	183350m	30.307	ng/u1	
72) Phenanthrene	17.328	178	1111883m	29.564	ng/u1	
74) Anthracene	17.416	178	1155562	30.827	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	400824	37.308	ng/uL	96
76) Pentachlorobenzene	14.822	250	373667	34.876	ng/uL	98
77) Carbazole	17.716	167	1040560m	31.678	ng/u1	
78) Di-n-butylphthalate	18.245	149	1244022	17.669	ng/u1	99
80) Fluoranthene	19.333	202	1413679m	626.391	ng/u1	
82) Pyrene	19.698	202	1442874m	628.552	ng/u1	
83) Butylbenzylphthalate	20.598	149	614481m	641.837	ng/u1	
84) 3,3'-Dichlorobenzidine	21.369	252	22904	30.626	ng/u1#	97
85) Benzo(a)anthracene	21.433	228	77186	34.979	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	123601545m	87511.479	ng/u1	
87) Chrysene	21.480	228	69582m	34.174	ng/u1	
89) Di-n-octyl phthalate	22.298	149	1807386	36.355	ng/u1	100
90) Benzo(b)fluoranthene	23.151	252	1486164	32.603	ng/u1	98
91) Benzo(k)fluoranthene	23.198	252	1446895	33.613	ng/u1#	96
93) Benzo(a)pyrene	23.763	252	1323338	34.506	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.333	276	1779964m	38.463	ng/u1	
95) Dibenzo(a,h)anthracene	26.345	278	1493630	39.025	ng/u1	97
96) Benzo(g,h,i)perylene	27.074	276	1492132m	40.949	ng/u1	

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



#2
1,4-Dioxane
Concen: 11.557 ng/uL
RT: 3.275 min Scan# 31
Delta R.T. -0.001 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

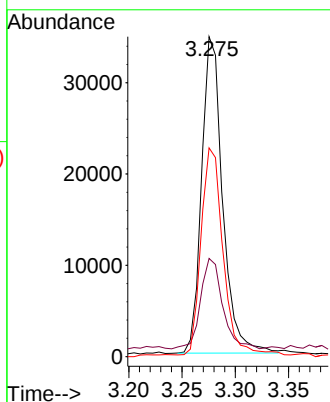
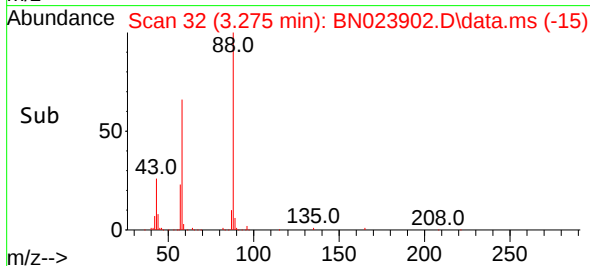
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion: 88 Resp: 47513
Ion Ratio Lower Upper
88 100
43 30.7 42.1 63.1
58 65.2 53.8 80.6

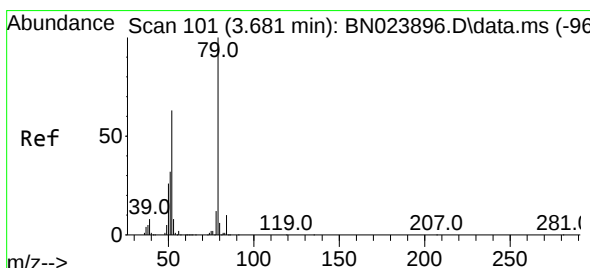
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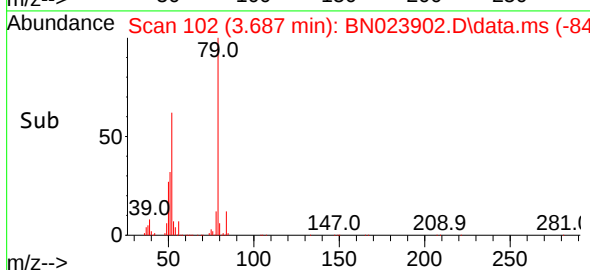
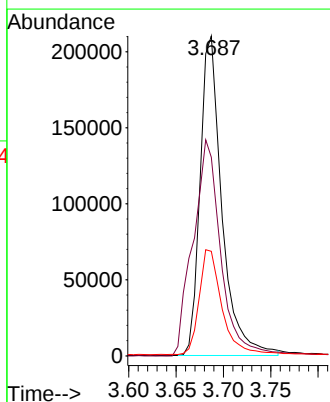
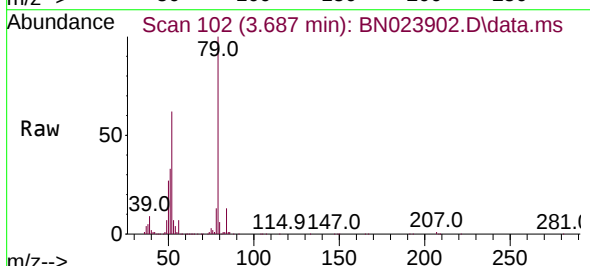
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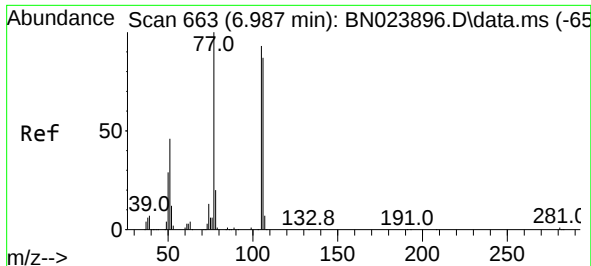
02/03/2023



#5
Pyridine
Concen: 30.048 ng/uL
RT: 3.687 min Scan# 102
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

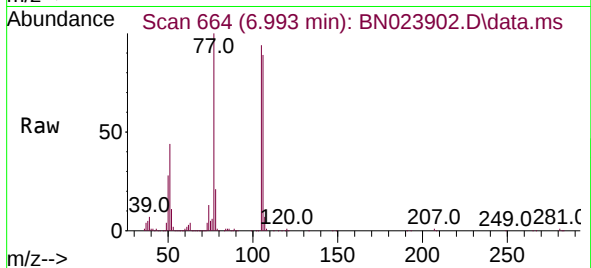
Tgt Ion: 79 Resp: 336694
Ion Ratio Lower Upper
79 100
52 62.1 56.4 84.6
51 32.7 26.6 39.8





#6
Benzaldehyde
Concen: 45.662 ng/ul
RT: 6.993 min Scan# 664
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

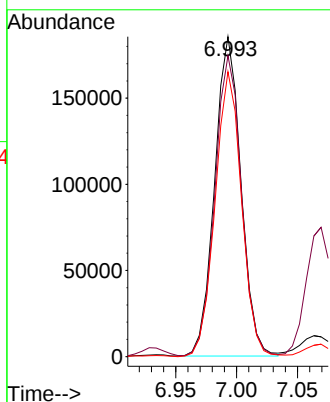
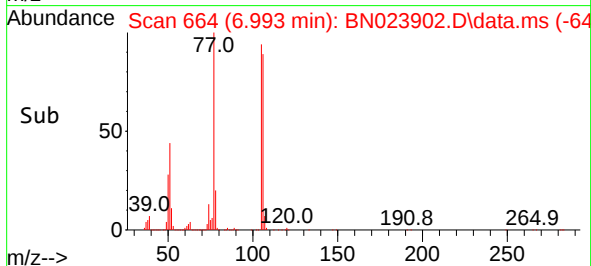
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion: 77 Resp: 279297
Ion Ratio Lower Upper
77 100
105 94.0 73.6 110.4
106 89.0 70.2 105.4

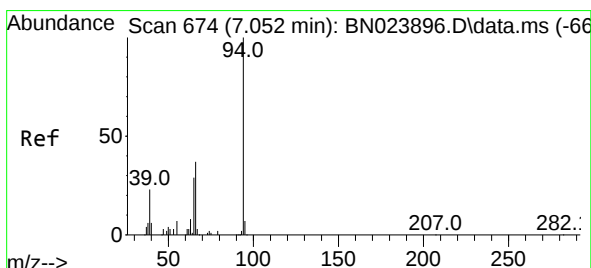
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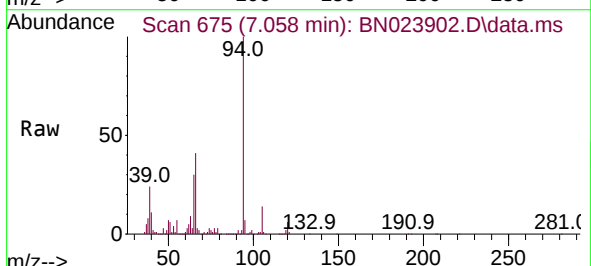


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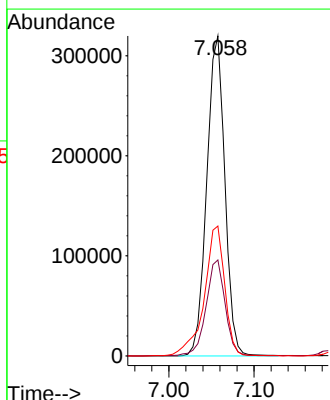
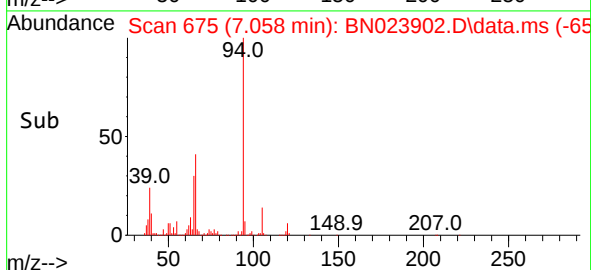
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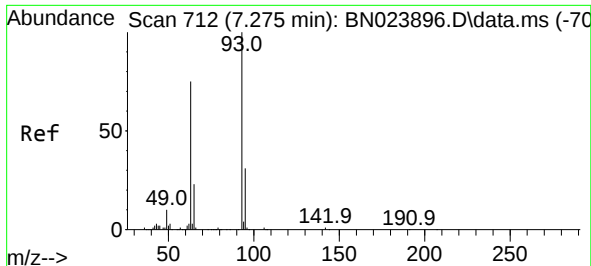


#8
Phenol
Concen: 33.341 ng/ul
RT: 7.058 min Scan# 675
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



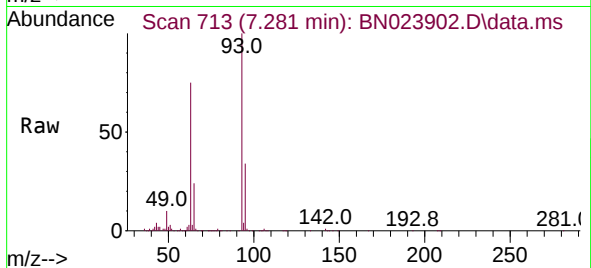
Tgt Ion: 94 Resp: 471473
Ion Ratio Lower Upper
94 100
65 30.0 24.1 36.1
66 40.6 32.4 48.6





#10
Bis(2-Chloroethyl)ether
Concen: 31.878 ng/ul
RT: 7.281 min Scan# 713
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

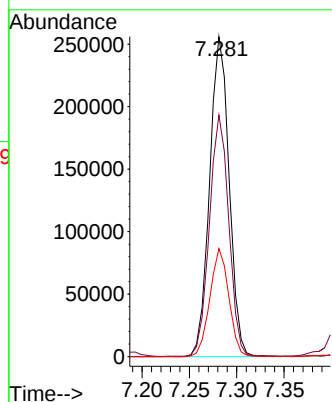
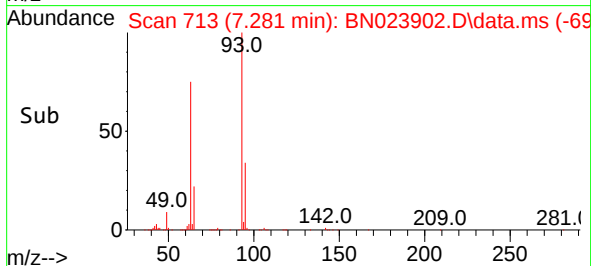
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion: 93 Resp: 367269
Ion Ratio Lower Upper
93 100
63 75.5 60.6 91.0
95 33.8 26.2 39.4

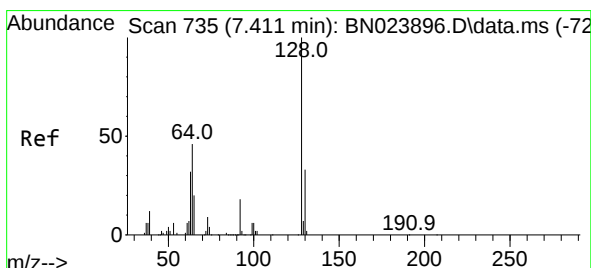
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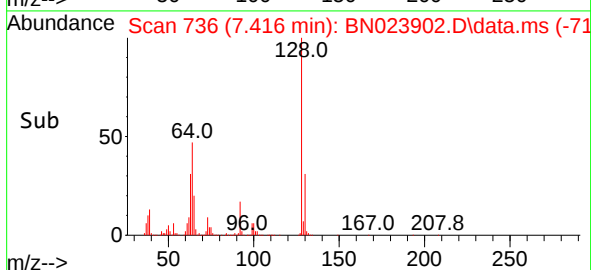
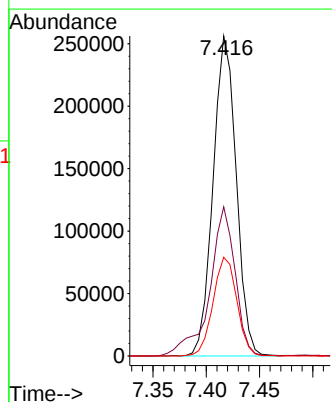
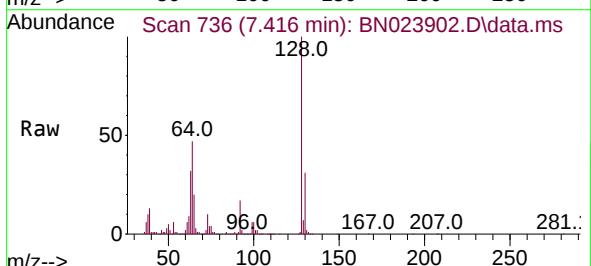
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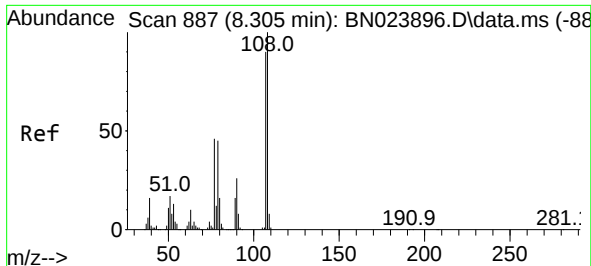
02/03/2023



#12
2-Chlorophenol
Concen: 34.822 ng/ul
RT: 7.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Tgt Ion:128 Resp: 387570
Ion Ratio Lower Upper
128 100
64 46.6 38.4 57.6
130 30.8 25.6 38.4





#13

2-Methylphenol

Concen: 31.826 ng/ul

RT: 8.310 min Scan# 887

Delta R.T. 0.006 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

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Tgt Ion:108 Resp: 341462

Ion Ratio Lower Upper

108 100

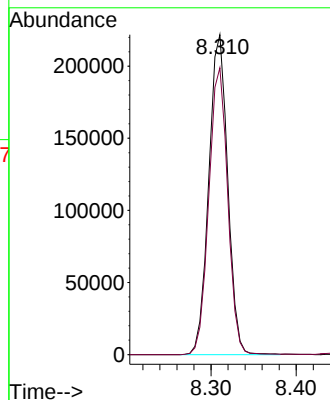
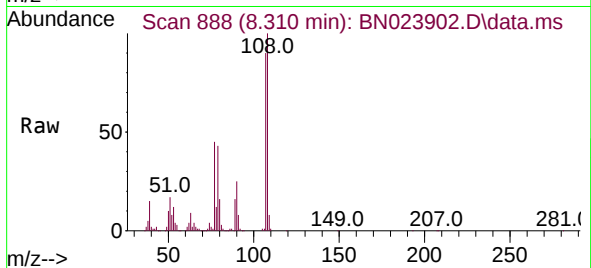
107 89.6 72.6 109.0

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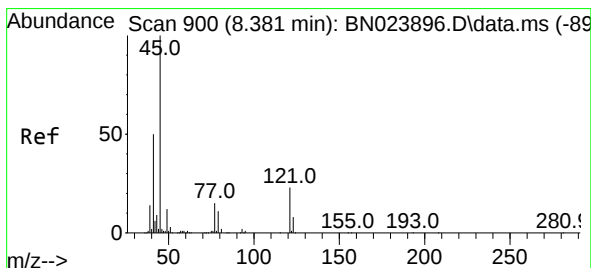
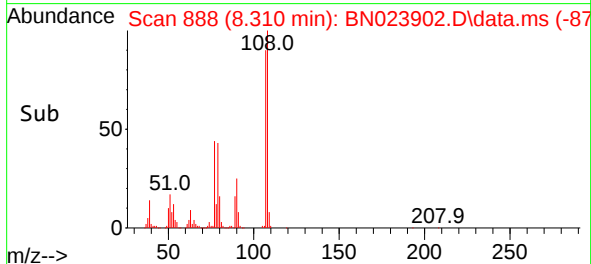
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02/03/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.086 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

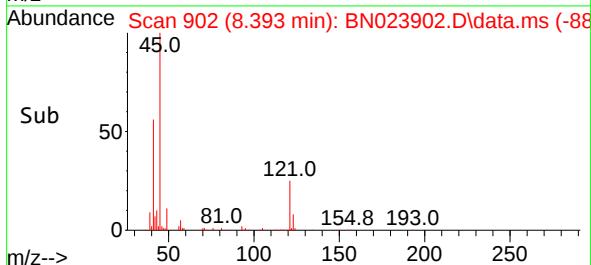
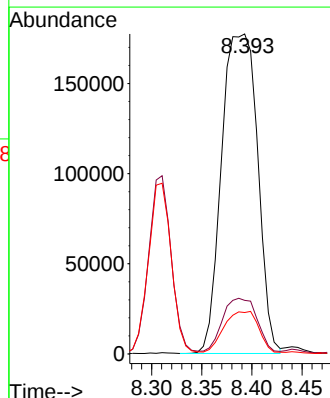
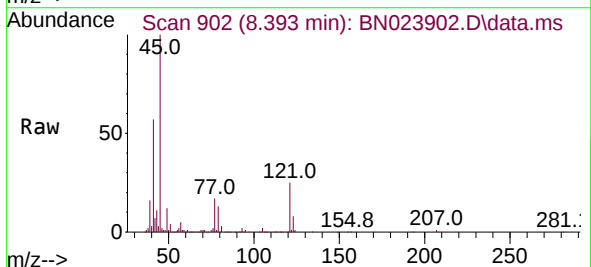
Tgt Ion: 45 Resp: 442627

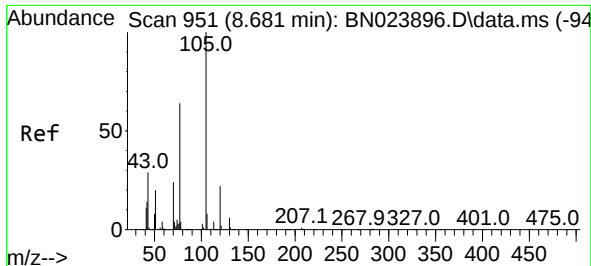
Ion Ratio Lower Upper

45 100

77 16.7 12.7 19.1

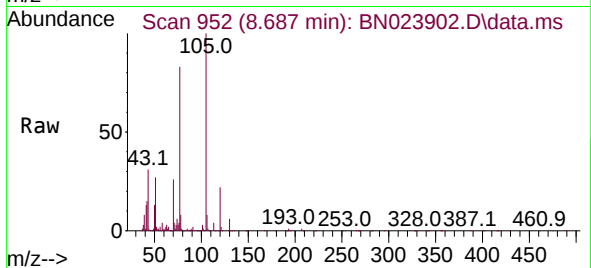
79 12.9 9.8 14.8





#16
Acetophenone
Concen: 31.669 ng/ul
RT: 8.687 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

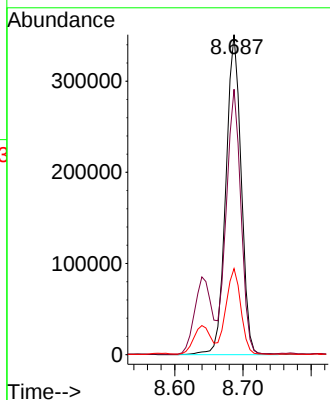
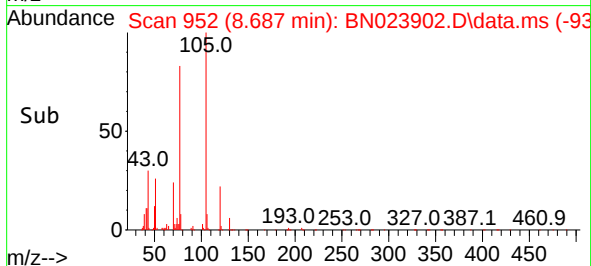
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:105 Resp: 547296
Ion Ratio Lower Upper
105 100
77 82.9 64.7 97.1
51 26.9 21.7 32.5

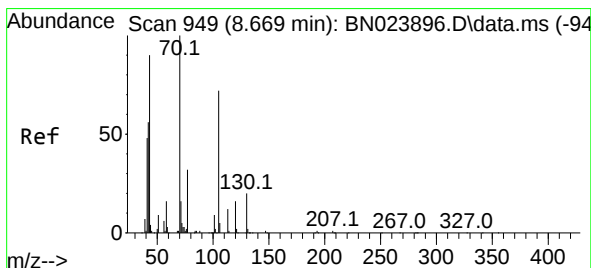
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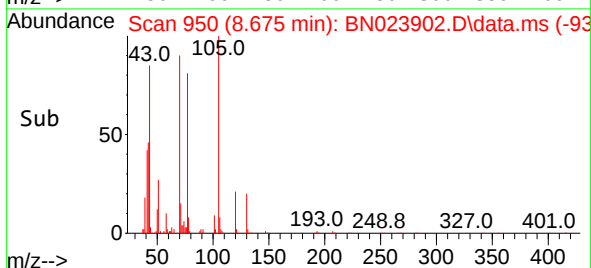
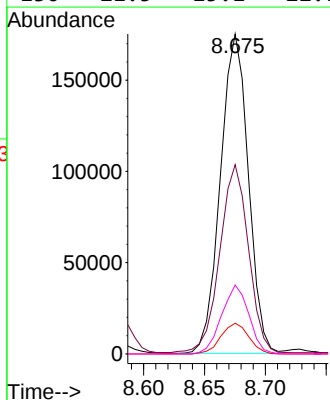
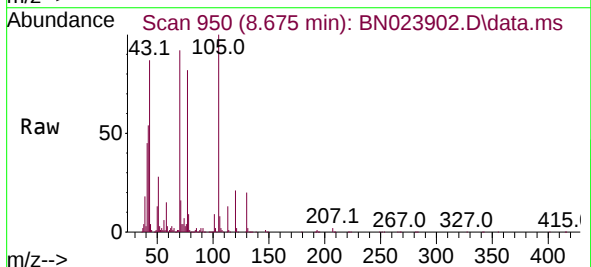
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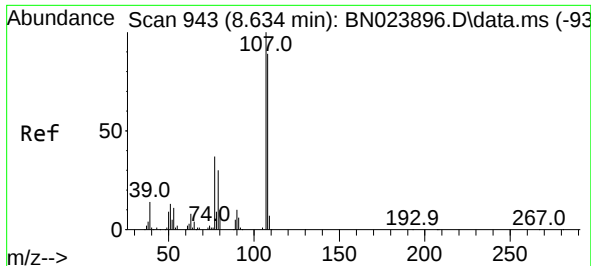
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#17
N-Nitroso-di-n-propylamine
Concen: 29.465 ng/ul
RT: 8.675 min Scan# 950
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Tgt Ion: 70 Resp: 279541
Ion Ratio Lower Upper
70 100
42 59.1 47.6 71.4
101 9.6 7.4 11.0
130 21.5 15.1 22.7





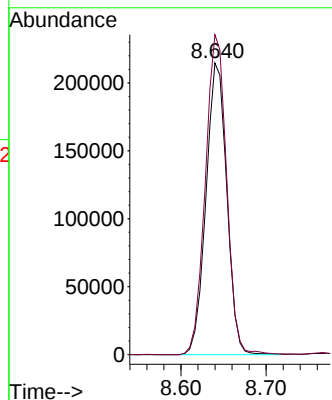
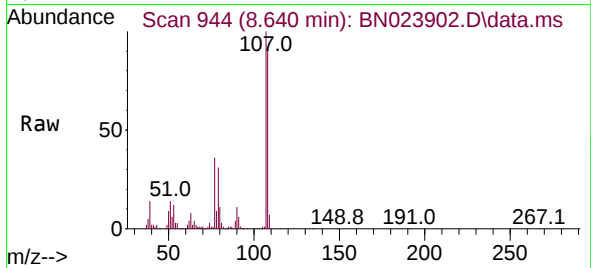
#18
4-Methylphenol
Concen: 31.339 ng/ul
RT: 8.640 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Instrument :
BNA_N
ClientSampleId :
A4488MSD

Tgt Ion:108 Resp: 36422
Ion Ratio Lower Upper
108 100
107 109.7 88.9 133.3

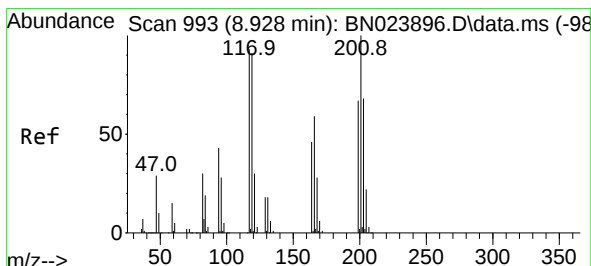
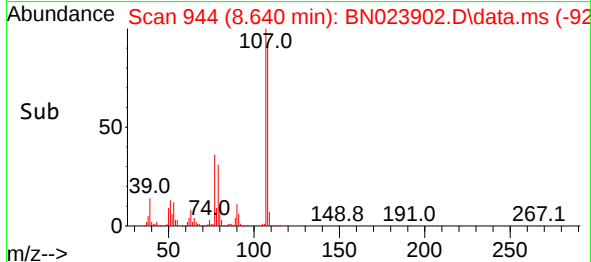
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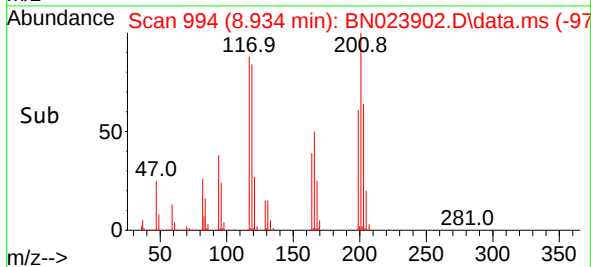
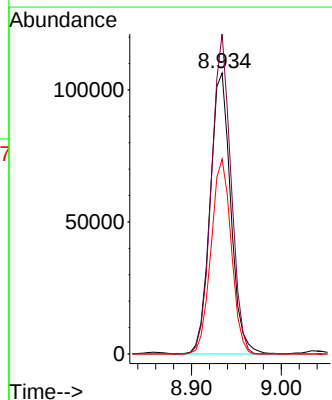
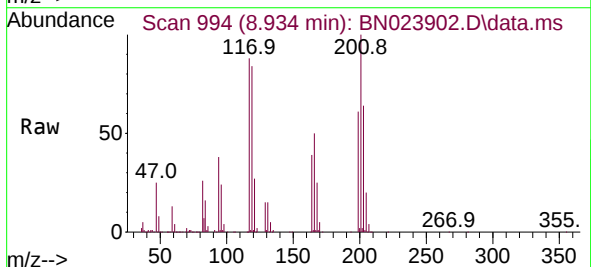
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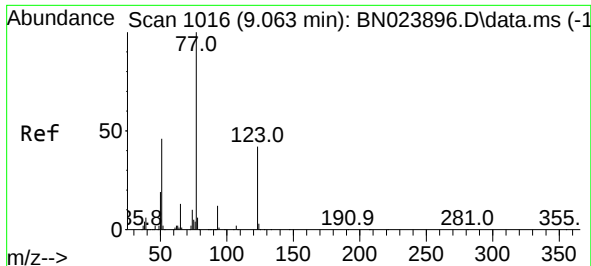
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#19
Hexachloroethane
Concen: 36.581 ng/ul
RT: 8.934 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

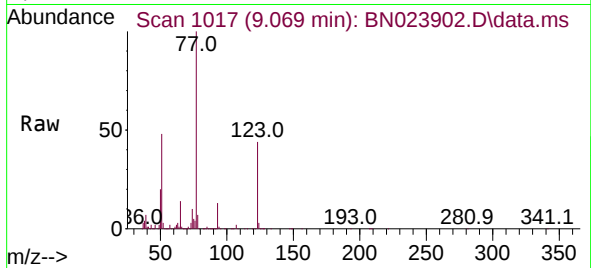
Tgt Ion:117 Resp: 170518
Ion Ratio Lower Upper
117 100
201 113.9 88.8 133.2
199 69.4 55.0 82.4





#22
Nitrobenzene
Concen: 36.504 ng/ul
RT: 9.069 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

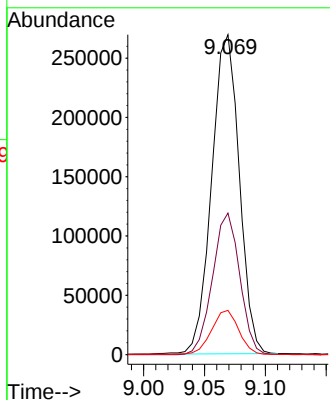
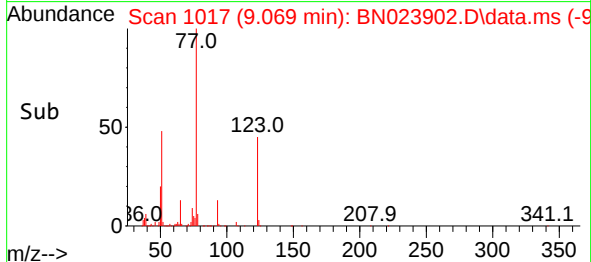
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion: 77 Resp: 423876
Ion Ratio Lower Upper
77 100
123 44.2 34.2 51.2
65 13.8 10.9 16.3

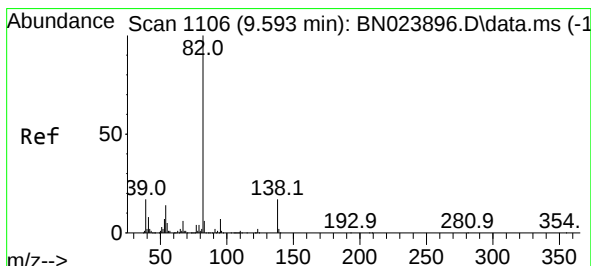
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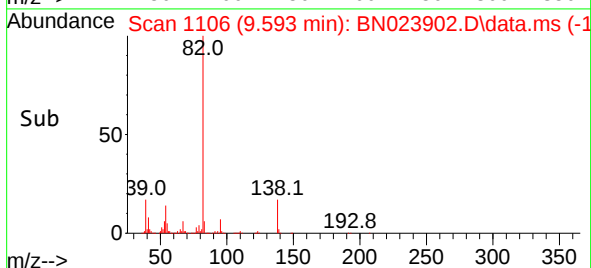
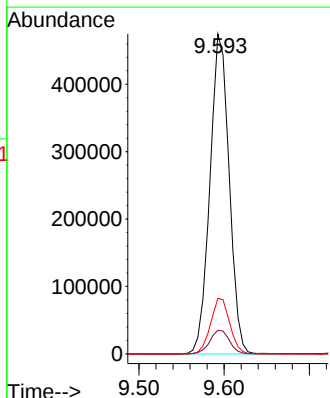
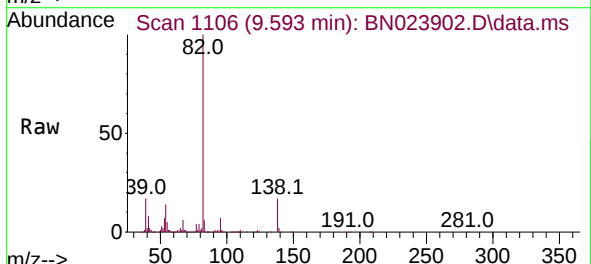
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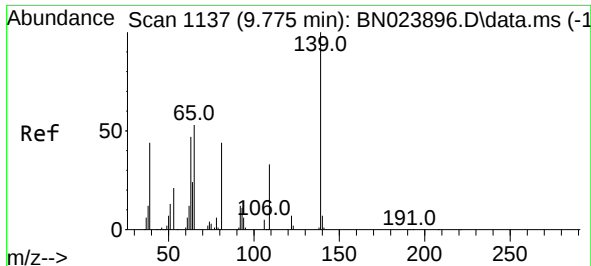
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#23
Isophorone
Concen: 33.950 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

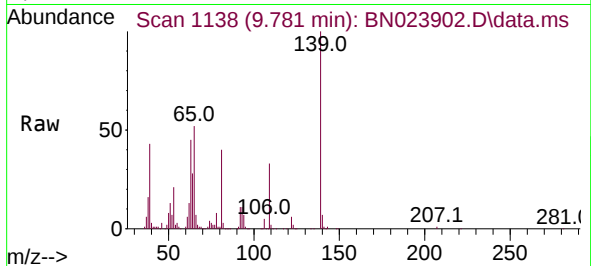
Tgt Ion: 82 Resp: 744045
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 17.3 13.4 20.2





#25
2-Nitrophenol
Concen: 38.273 ng/ul
RT: 9.781 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

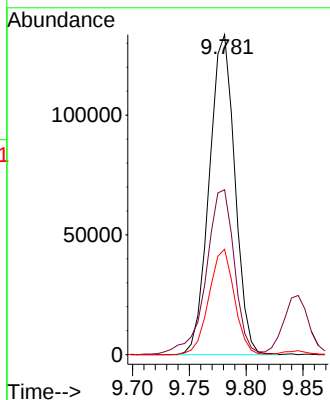
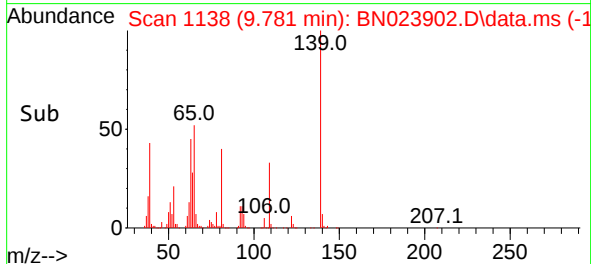
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:139 Resp: 209170
Ion Ratio Lower Upper
139 100
65 51.5 44.5 66.7
109 32.9 26.0 39.0

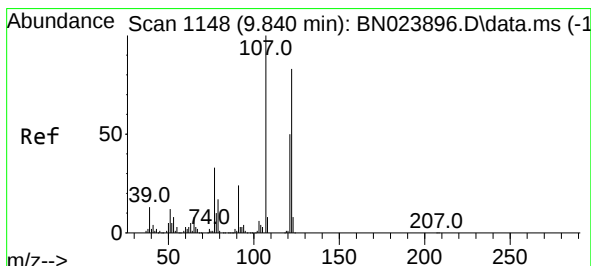
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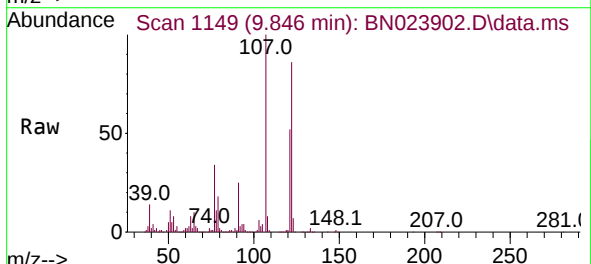


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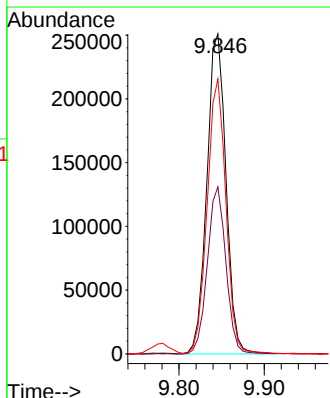
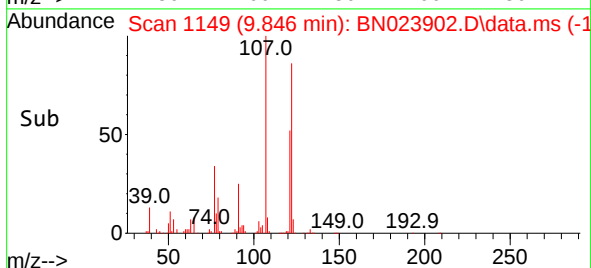
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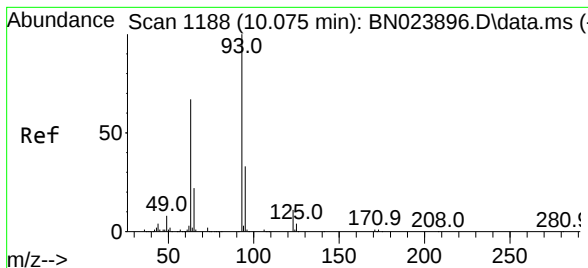


#26
2,4-Dimethylphenol
Concen: 36.150 ng/ul
RT: 9.846 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



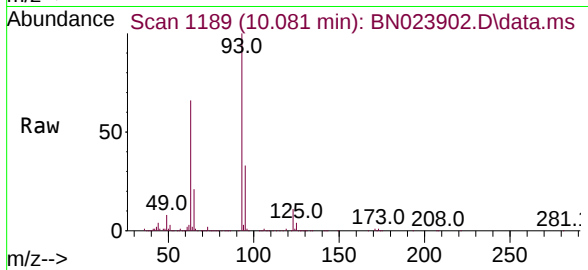
Tgt Ion:107 Resp: 391248
Ion Ratio Lower Upper
107 100
121 52.2 39.4 59.2
122 85.9 65.8 98.6





#27
Bis(2-Chloroethoxy)methane
Concen: 33.983 ng/ul
RT: 10.081 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

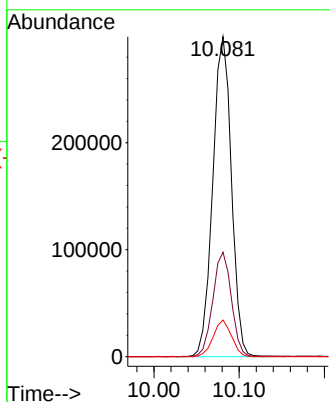
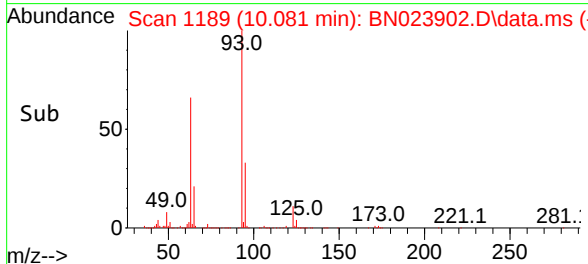
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion: 93 Resp: 455007
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 11.4 8.8 13.2

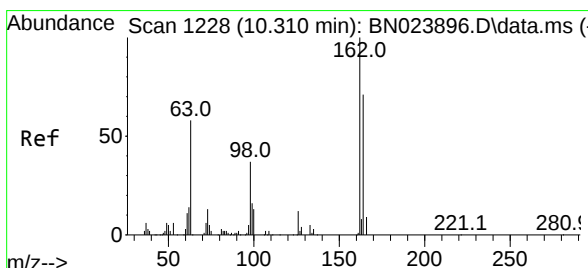
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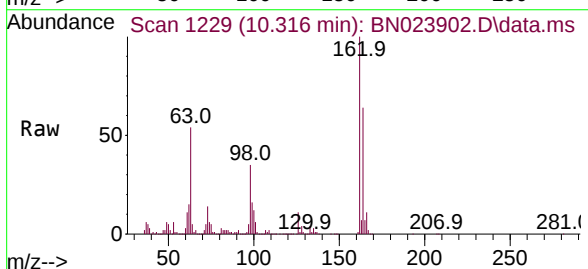


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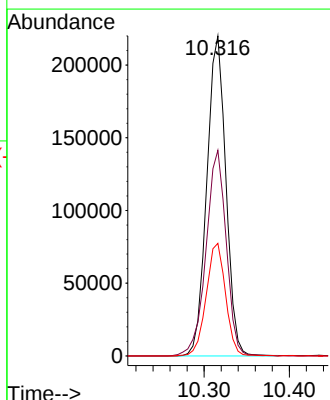
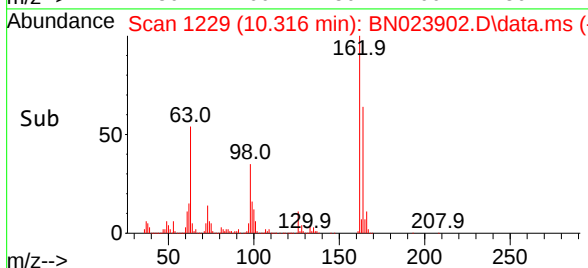
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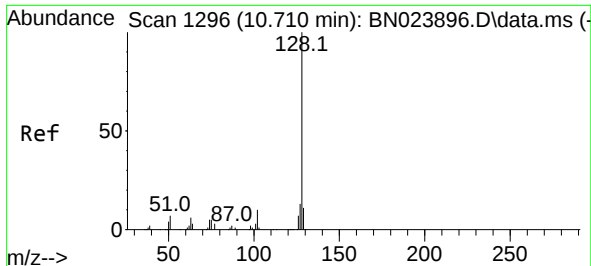


#29
2,4-Dichlorophenol
Concen: 36.073 ng/ul
RT: 10.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



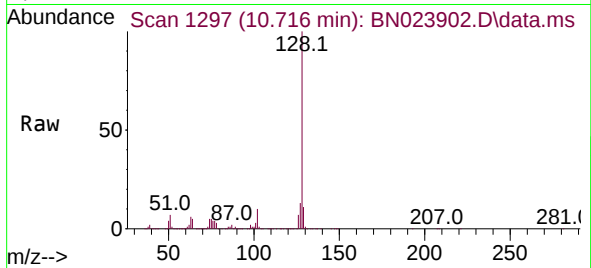
Tgt Ion:162 Resp: 342069
Ion Ratio Lower Upper
162 100
164 64.2 51.4 77.0
98 35.2 28.0 42.0





#30
Naphthalene
Concen: 36.808 ng/ul
RT: 10.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

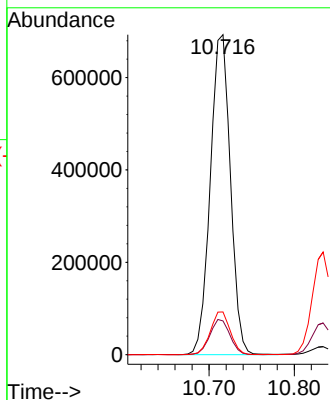
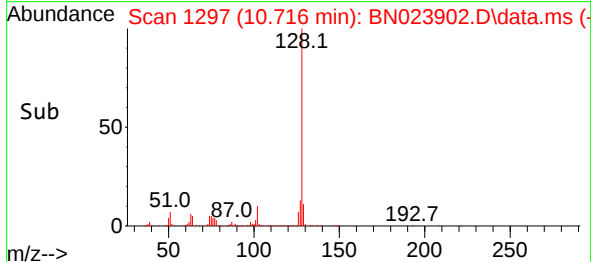
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:128 Resp: 113642
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.3 10.3 15.5

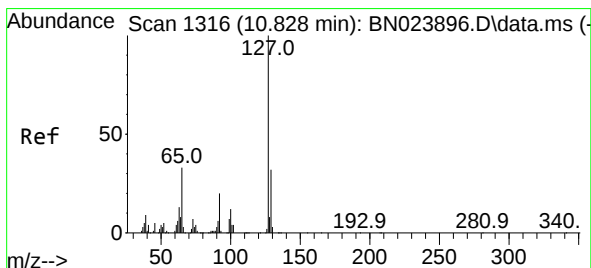
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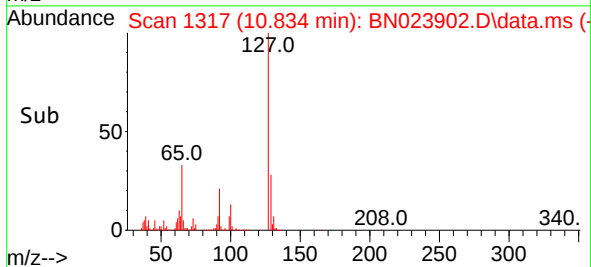
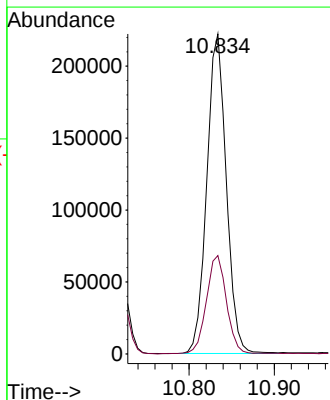
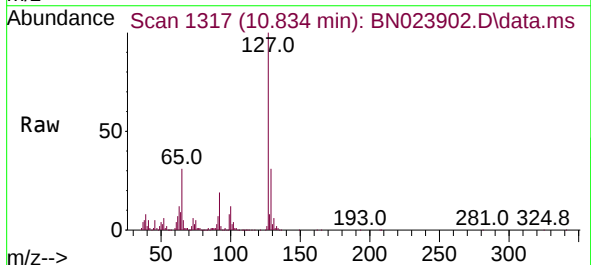
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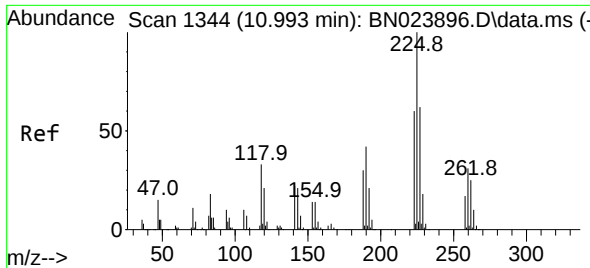
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#32
4-Chloroaniline
Concen: 26.452 ng/ul
RT: 10.834 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

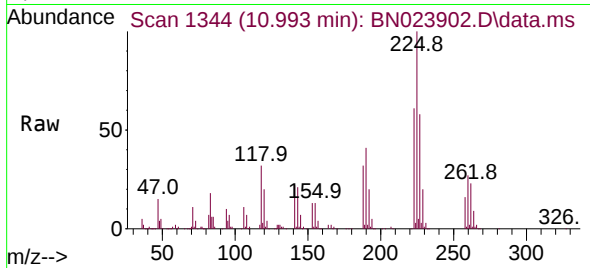
Tgt Ion:127 Resp: 352932
Ion Ratio Lower Upper
127 100
129 30.7 25.9 38.9





#33
Hexachlorobutadiene
Concen: 39.290 ng/ul
RT: 10.993 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

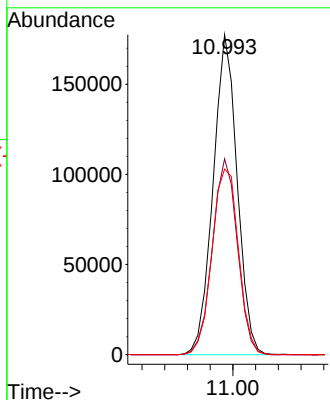
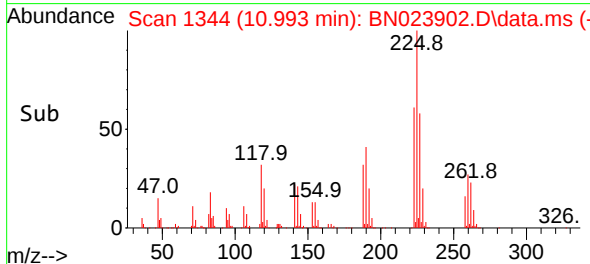
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:225 Resp: 261081
Ion Ratio Lower Upper
225 100
223 61.2 50.2 75.4
227 58.0 52.2 78.2

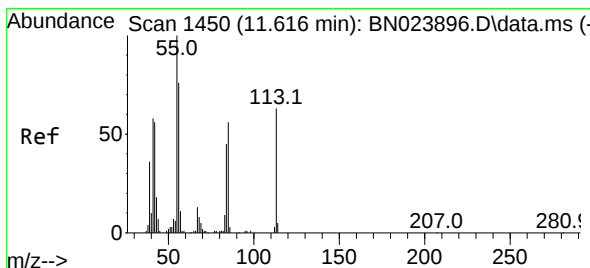
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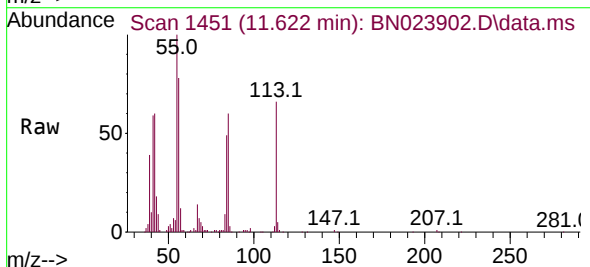


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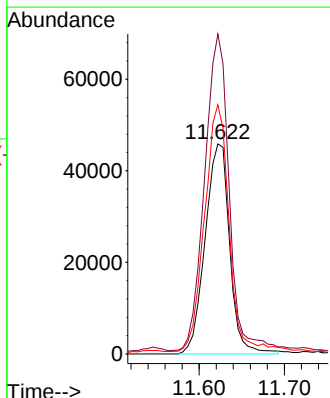
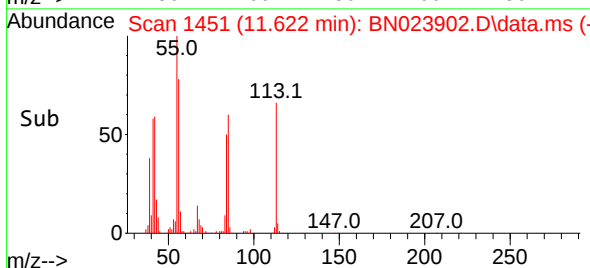
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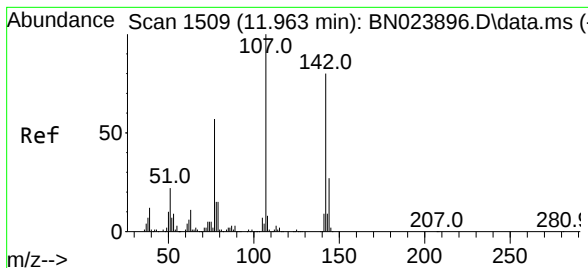


#34
Caprolactam
Concen: 30.877 ng/ul
RT: 11.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



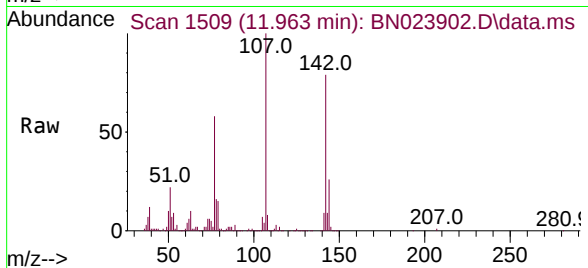
Tgt Ion:113 Resp: 91495
Ion Ratio Lower Upper
113 100
55 152.3 125.6 188.4
56 118.5 94.1 141.1





#35
4-Chloro-3-methylphenol
Concen: 31.669 ng/ul
RT: 11.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

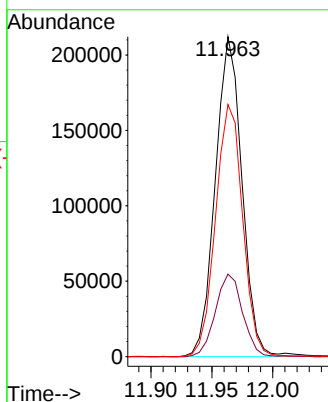
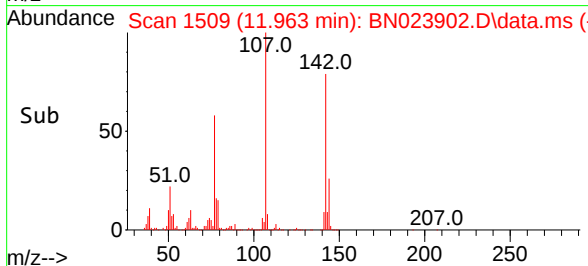
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:107 Resp: 321896
Ion Ratio Lower Upper
107 100
144 25.8 21.7 32.5
142 78.8 63.7 95.5

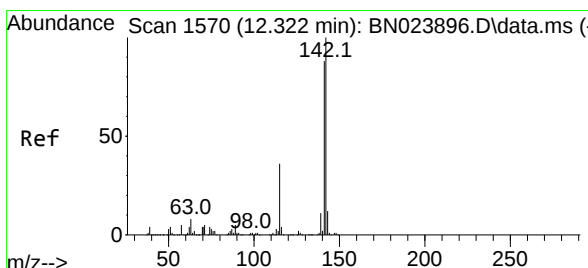
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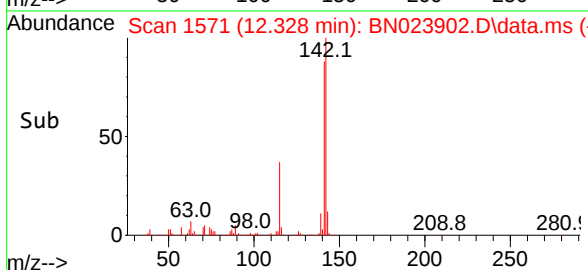
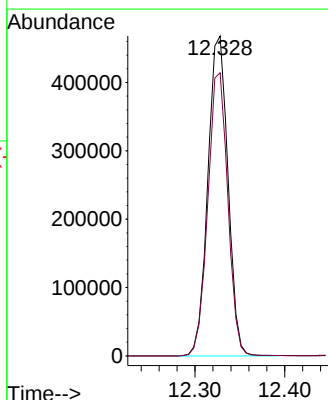
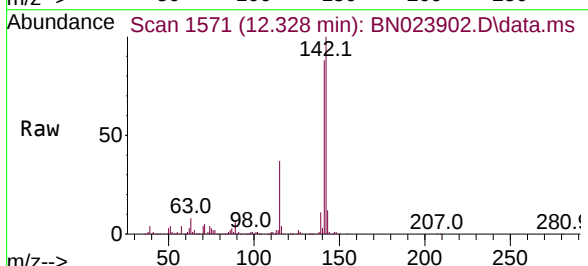
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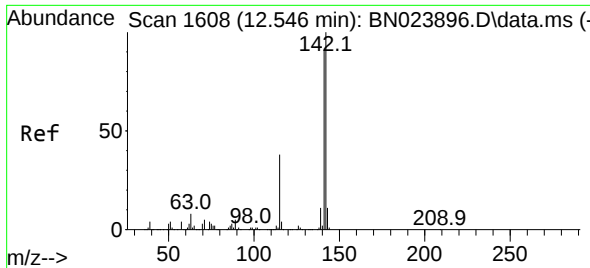
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#36
2-Methylnaphthalene
Concen: 34.692 ng/ul
RT: 12.328 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

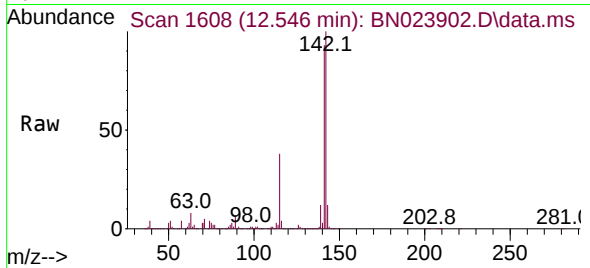
Tgt Ion:142 Resp: 727766
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9





#37
1-Methylnaphthalene
Concen: 33.776 ng/ul
RT: 12.546 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

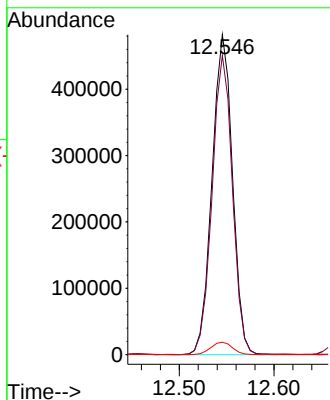
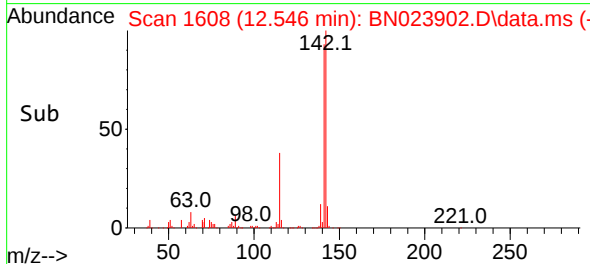
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:142 Resp: 724897
Ion Ratio Lower Upper
142 100
141 93.5 72.2 108.2
116 3.9 3.1 4.7

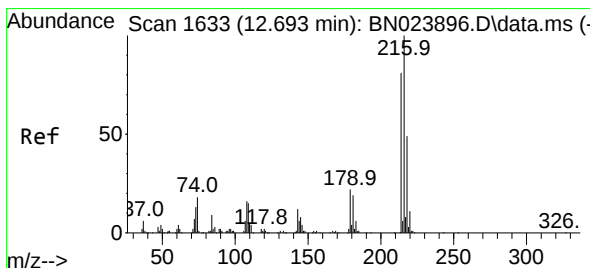
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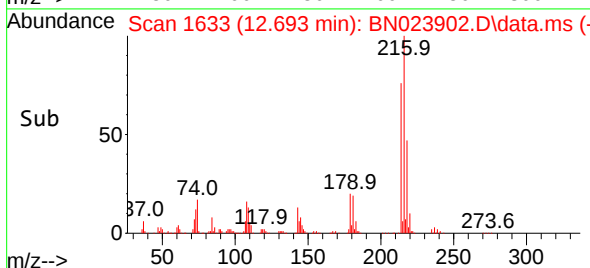
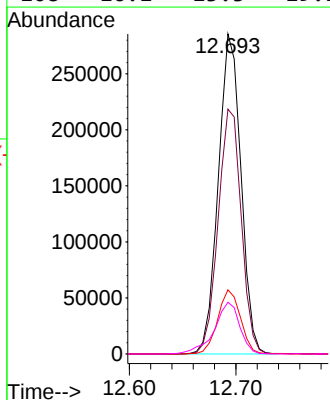
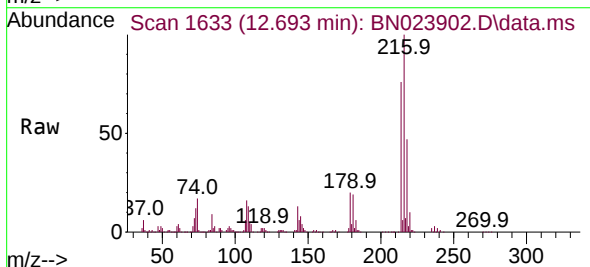
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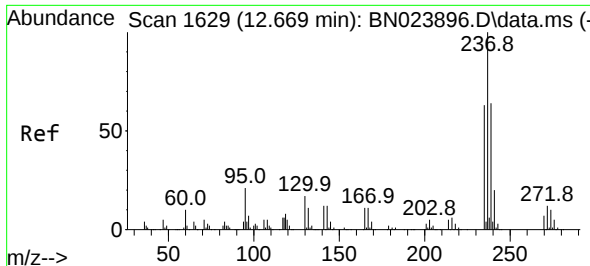
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.854 ng/ul
RT: 12.693 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

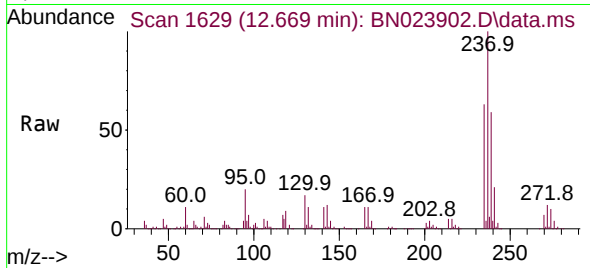
Tgt Ion:216 Resp: 422581
Ion Ratio Lower Upper
216 100
214 76.5 63.0 94.4
179 20.0 16.5 24.7
108 16.1 13.3 19.9





#40
Hexachlorocyclopentadiene
Concen: 32.692 ng/ul
RT: 12.669 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

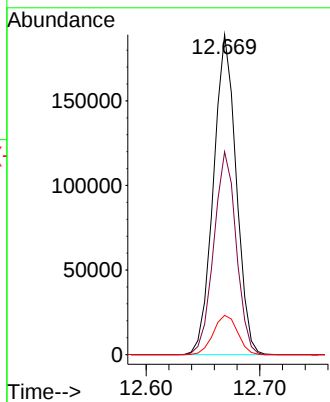
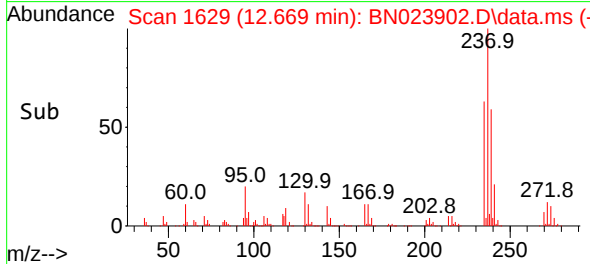
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:237 Resp: 262753
Ion Ratio Lower Upper
237 100
235 63.4 53.0 79.4
272 12.3 10.1 15.1

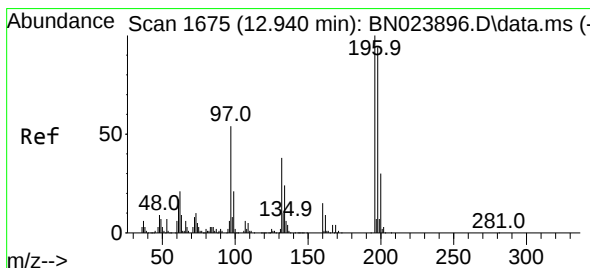
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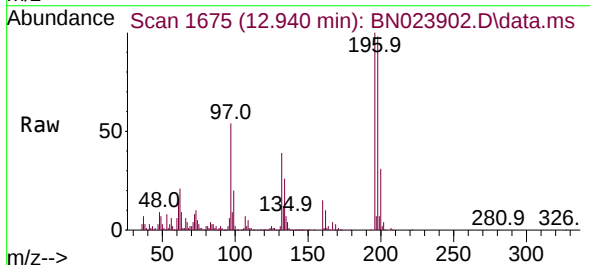


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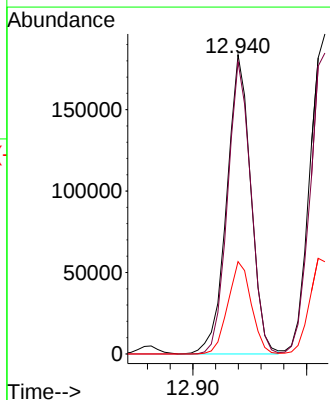
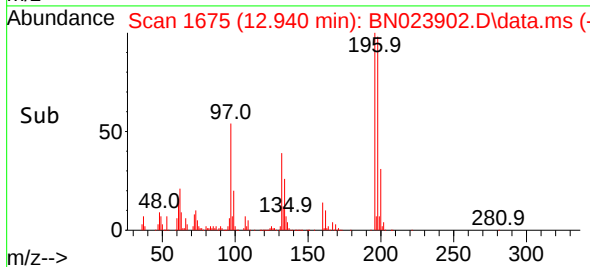
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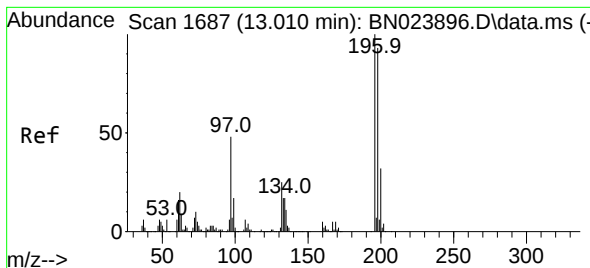


#41
2,4,6-Trichlorophenol
Concen: 36.706 ng/ul
RT: 12.940 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



Tgt Ion:196 Resp: 270358
Ion Ratio Lower Upper
196 100
198 97.6 76.8 115.2
200 30.8 25.0 37.6





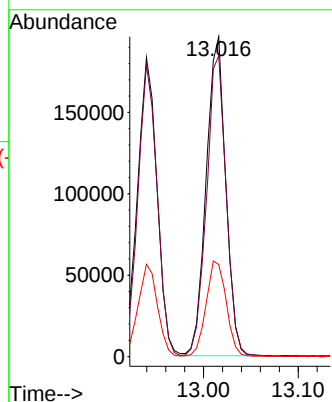
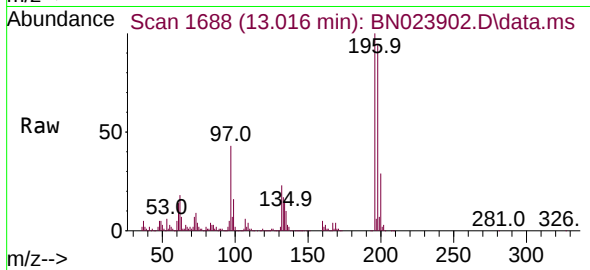
#42
2,4,5-Trichlorophenol
Concen: 35.335 ng/ul
RT: 13.016 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Instrument :
BNA_N
ClientSampleId :
A4488MSD

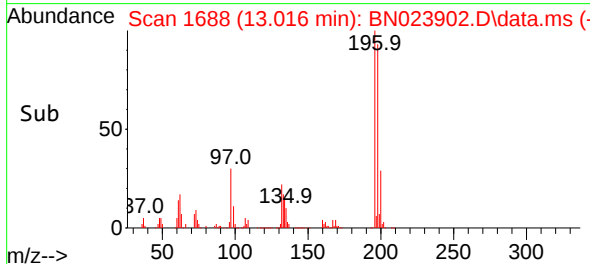
Tgt Ion:196 Resp: 281910
Ion Ratio Lower Upper
196 100
198 94.0 77.6 116.4
200 28.8 24.6 37.0

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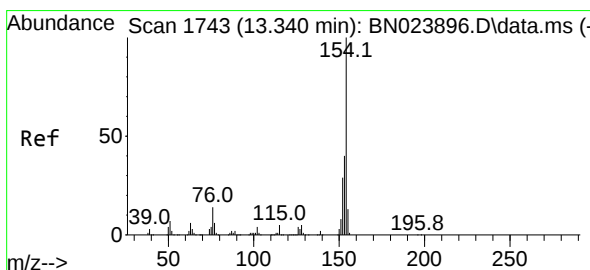
Reviewed By :Christian Giraldo 02/03/2023
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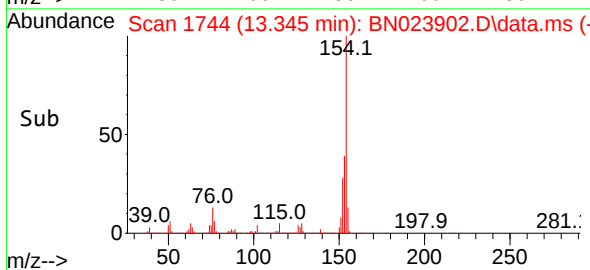
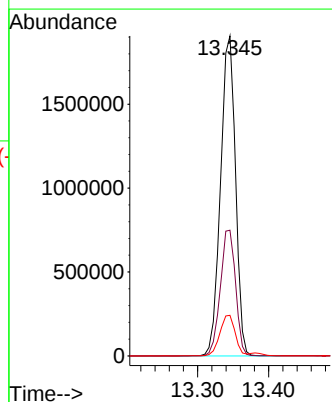
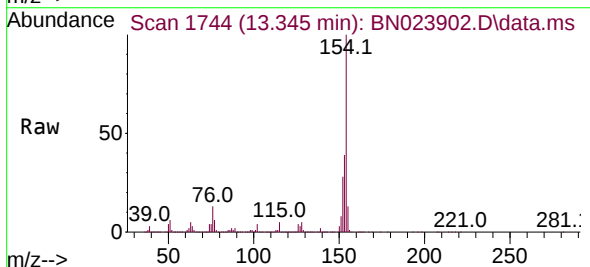


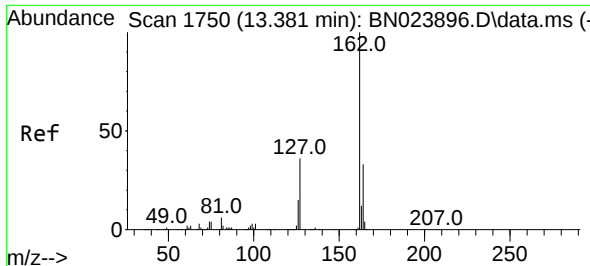
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#43
1,1'-Biphenyl
Concen: 109.261 ng/ul
RT: 13.345 min Scan# 1744
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

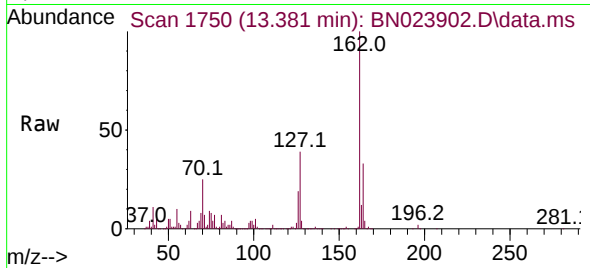
Tgt Ion:154 Resp: 2797360
Ion Ratio Lower Upper
154 100
153 39.3 32.6 48.8
76 12.7 10.7 16.1





#44
2-Chloronaphthalene
Concen: 36.007 ng/ul
RT: 13.381 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

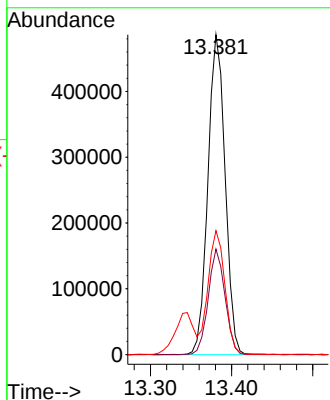
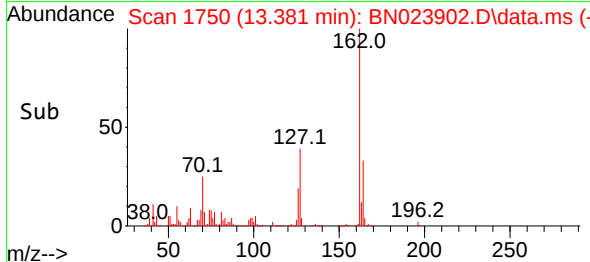
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:162 Resp: 717293
Ion Ratio Lower Upper
162 100
164 33.0 25.9 38.9
127 38.7 30.7 46.1

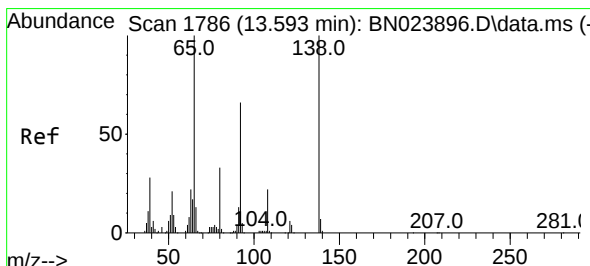
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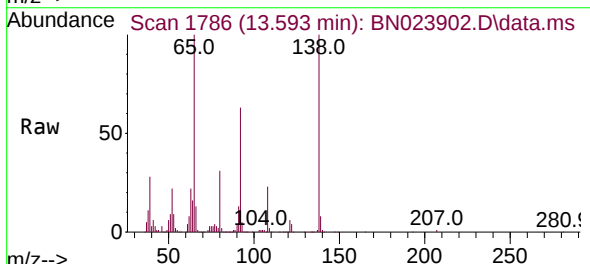


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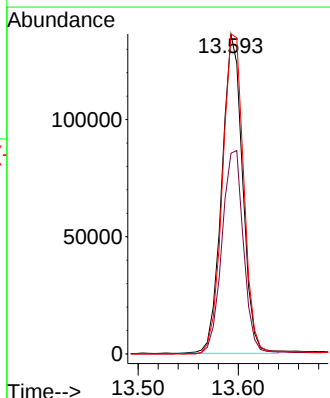
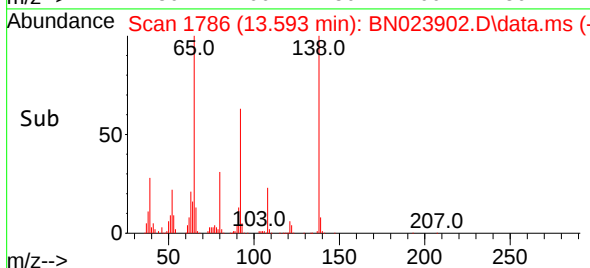
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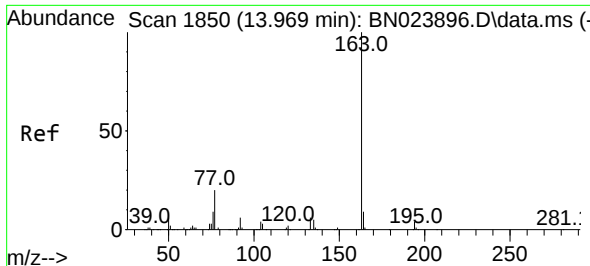


#45
2-Nitroaniline
Concen: 32.826 ng/ul
RT: 13.593 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



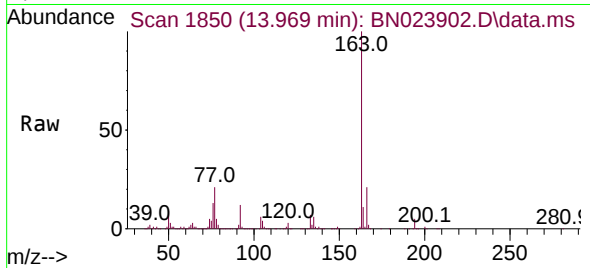
Tgt Ion: 65 Resp: 196351
Ion Ratio Lower Upper
65 100
92 62.9 53.2 79.8
138 100.2 78.3 117.5





#47
Dimethylphthalate
Concen: 28.510 ng/ul
RT: 13.969 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

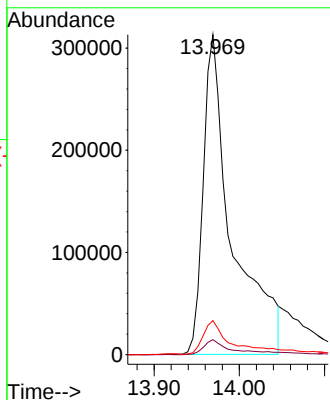
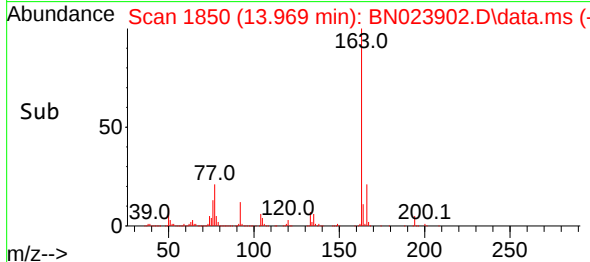
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:163 Resp: 733927
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 10.6 8.1 12.1

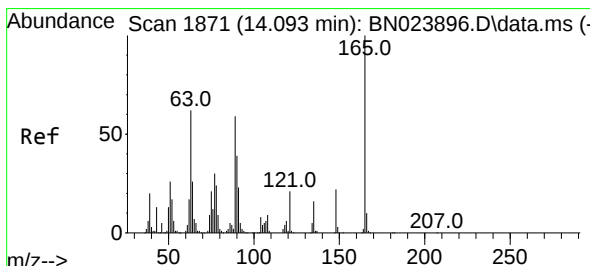
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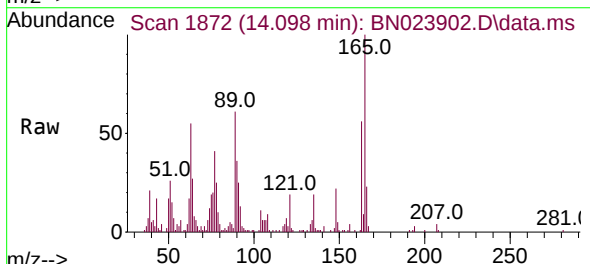


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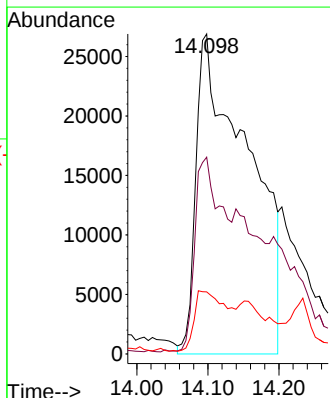
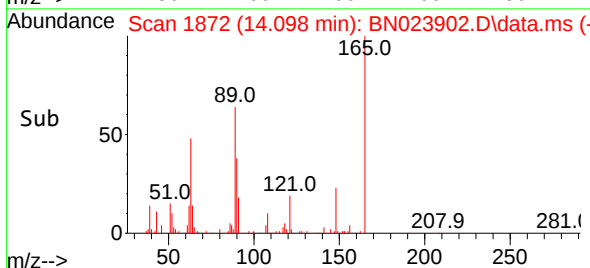
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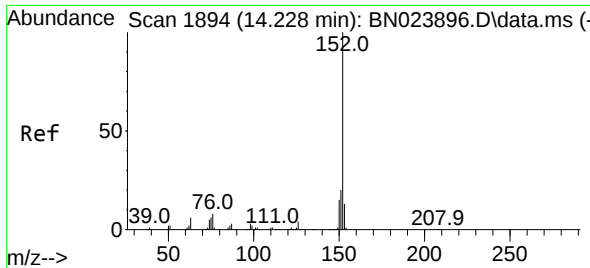


#48
2,6-Dinitrotoluene
Concen: 26.781 ng/ul m
RT: 14.098 min Scan# 1872
Delta R.T. 0.006 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



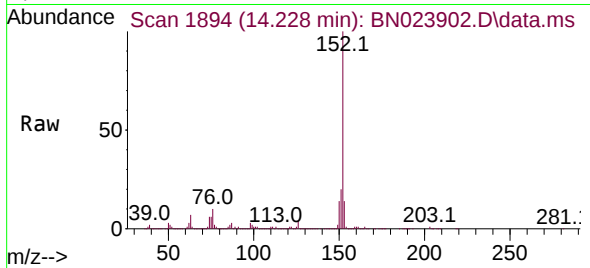
Tgt Ion:165 Resp: 136681
Ion Ratio Lower Upper
165 100
89 61.5 50.8 76.2
121 19.4 16.8 25.2





#50
Acenaphthylene
Concen: 35.156 ng/ul
RT: 14.228 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

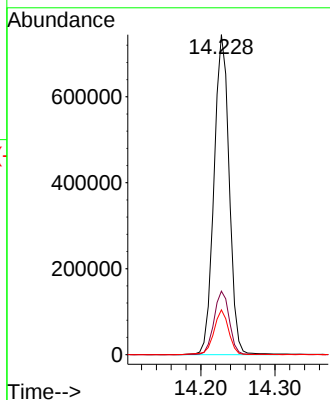
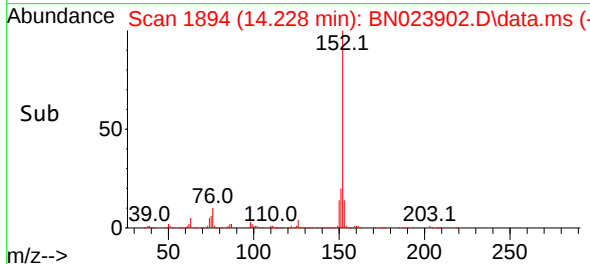
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:152 Resp: 105950
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 14.0 10.3 15.5

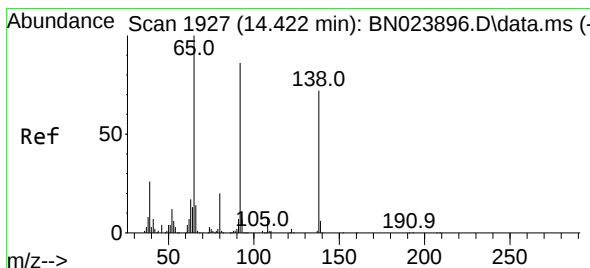
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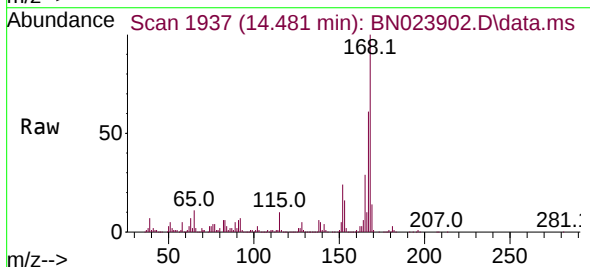


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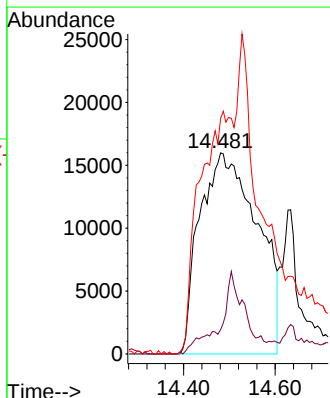
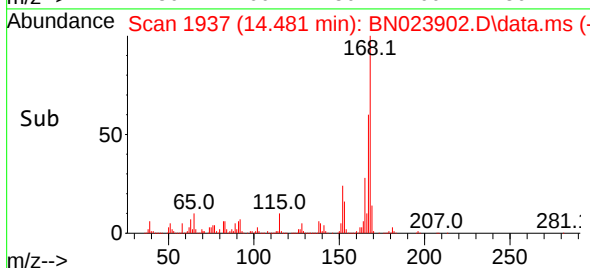
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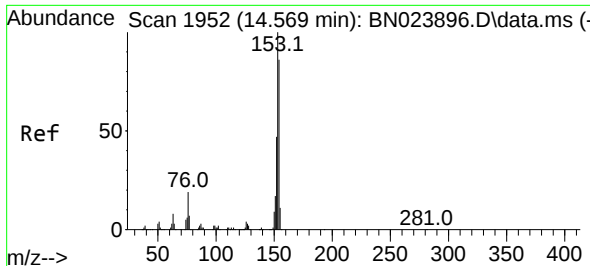


#51
3-Nitroaniline
Concen: 30.438 ng/ul m
RT: 14.481 min Scan# 1937
Delta R.T. 0.059 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



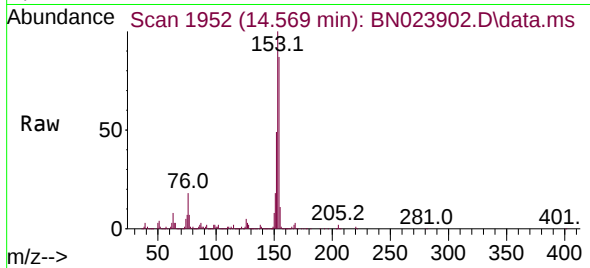
Tgt Ion:138 Resp: 139843
Ion Ratio Lower Upper
138 100
108 12.1 9.1 13.7
92 117.1 97.6 146.4





#52
Acenaphthene
Concen: 35.829 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

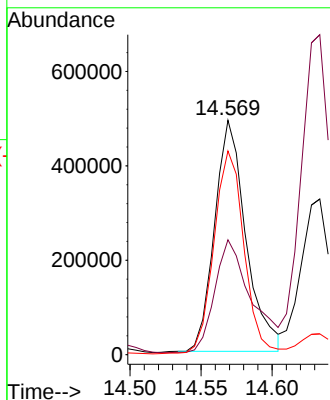
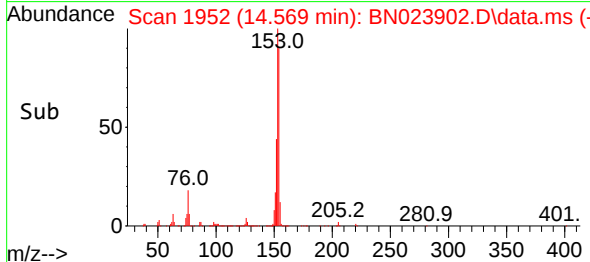
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:153 Resp: 749563
Ion Ratio Lower Upper
153 100
152 49.0 38.9 58.3
154 86.9 72.7 109.1

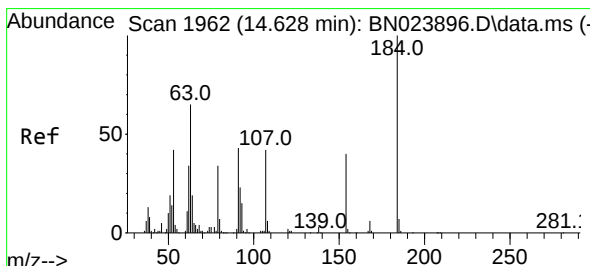
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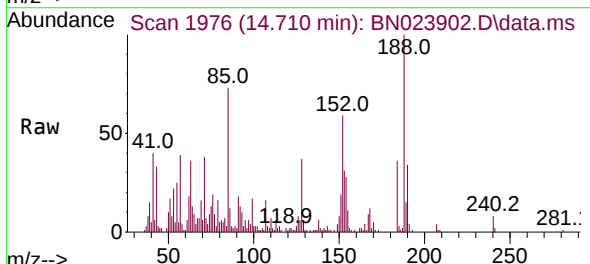


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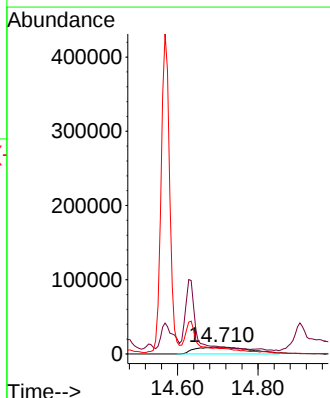
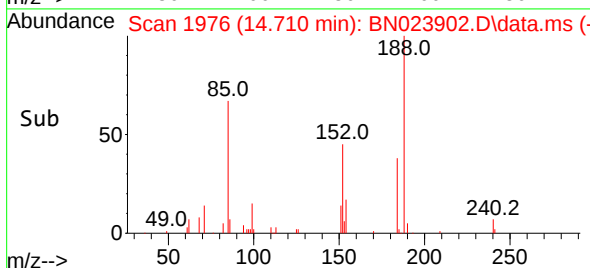
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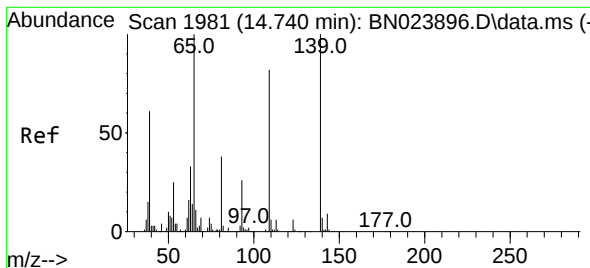


#53
2,4-Dinitrophenol
Concen: 23.974 ng/ul m
RT: 14.710 min Scan# 1976
Delta R.T. 0.082 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



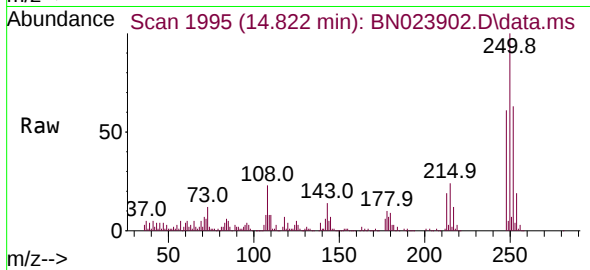
Tgt Ion:184 Resp: 86016
Ion Ratio Lower Upper
184 100
63 98.9 53.2 79.8#
154 78.8 50.6 76.0#





#55
4-Nitrophenol
Concen: 5.732 ng/ul m
RT: 14.822 min Scan# 1981
Delta R.T. 0.088 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

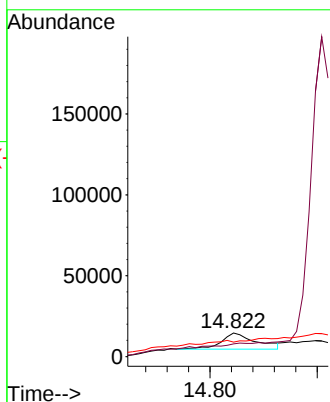
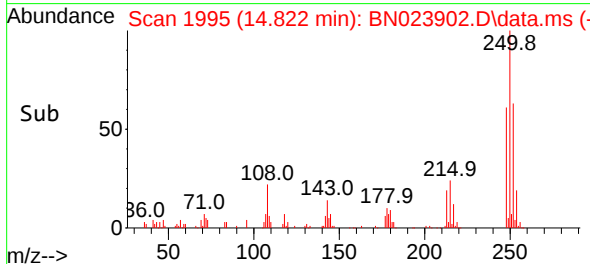
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:109 Resp: 22915
Ion Ratio Lower Upper
109 100
139 53.5 98.1 147.1
65 60.8 101.6 152.4

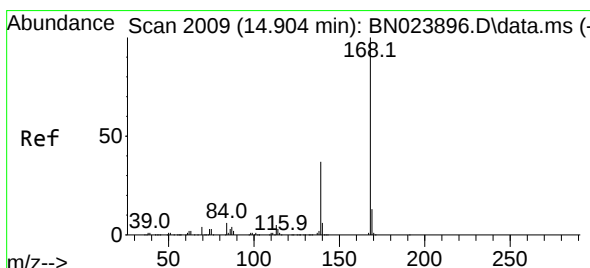
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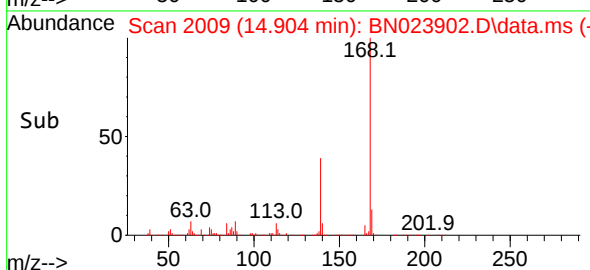
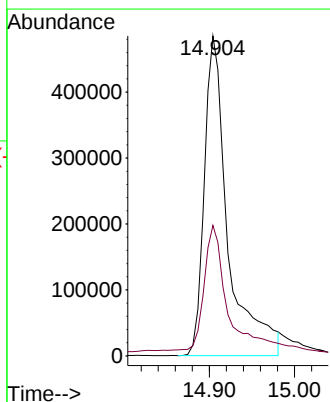
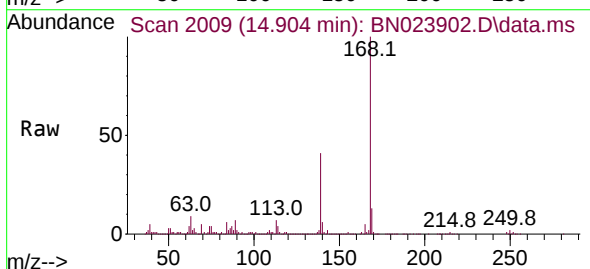
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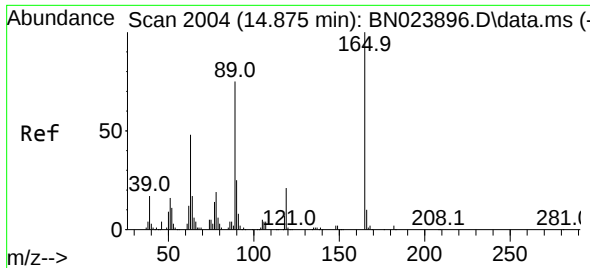
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#56
Dibenzofuran
Concen: 31.393 ng/ul
RT: 14.904 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

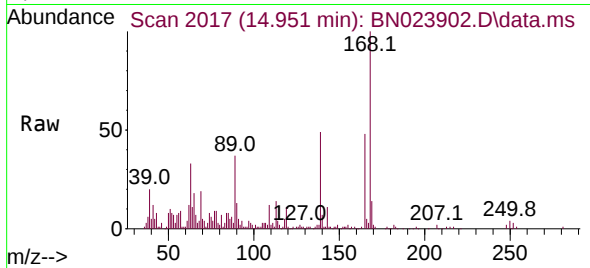
Tgt Ion:168 Resp: 936929
Ion Ratio Lower Upper
168 100
139 40.8 29.0 43.6





#57
2,4-Dinitrotoluene
Concen: 34.101 ng/ul m
RT: 14.951 min Scan# 2004
Delta R.T. 0.076 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

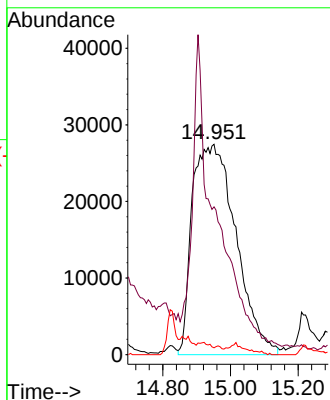
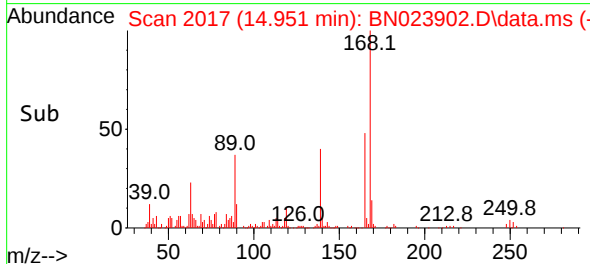
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:165 Resp: 246242
Ion Ratio Lower Upper
165 100
63 70.2 40.7 61.1
182 3.2 2.3 3.5

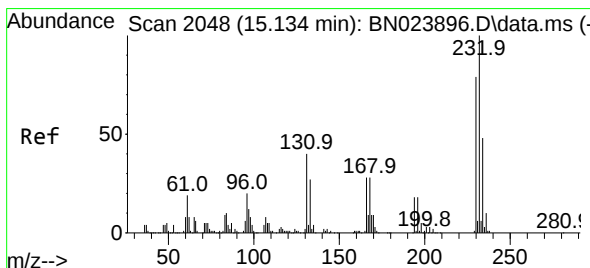
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Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

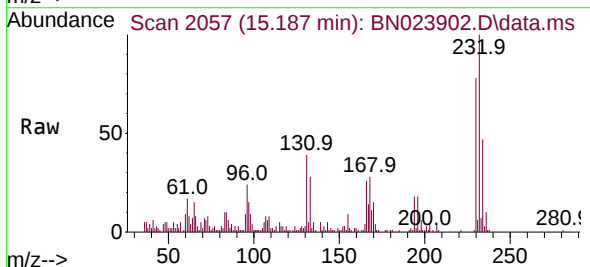


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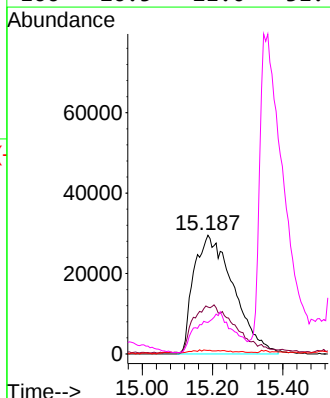
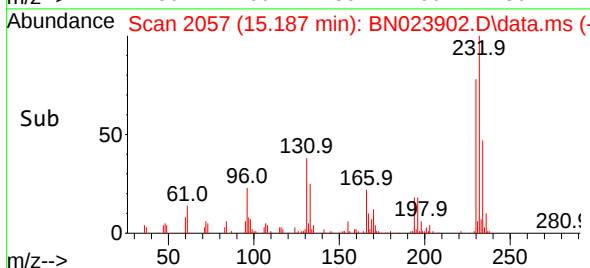
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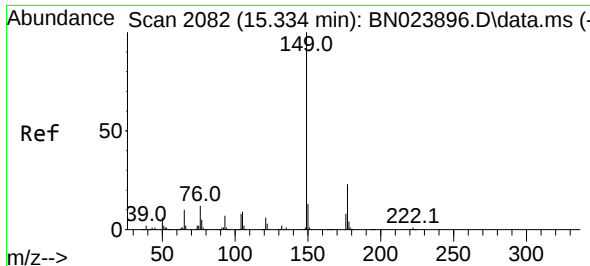


#58
2,3,4,6-Tetrachlorophenol
Concen: 32.644 ng/ul m
RT: 15.187 min Scan# 2057
Delta R.T. 0.053 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



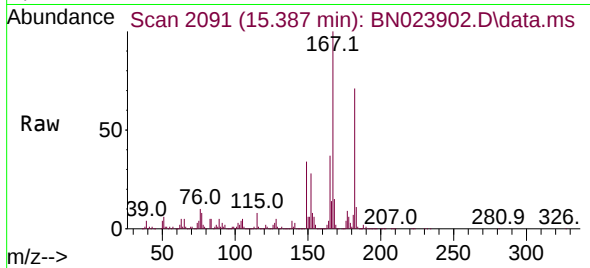
Tgt Ion:232 Resp: 232262
Ion Ratio Lower Upper
232 100
131 39.4 32.0 48.0
130 2.9 1.8 2.6
166 26.5 21.0 31.4





#59
Diethylphthalate
Concen: 32.816 ng/ul m
RT: 15.387 min Scan# 2082
Delta R.T. 0.053 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

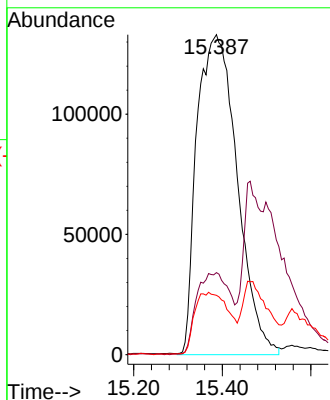
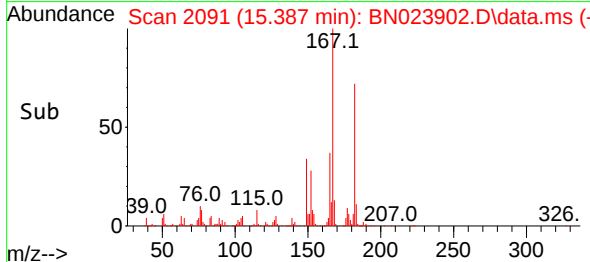
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:149 Resp: 839405
Ion Ratio Lower Upper
149 100
177 25.6 17.8 26.6
150 18.5 9.4 14.2

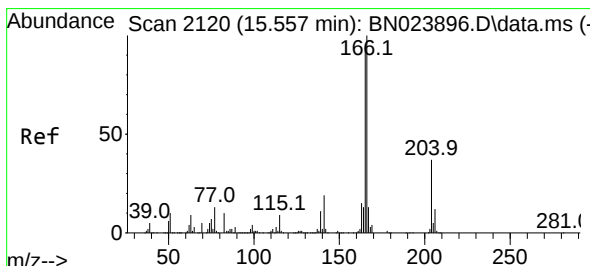
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Supervised By :Jagrut Upadhyay 02/03/2023

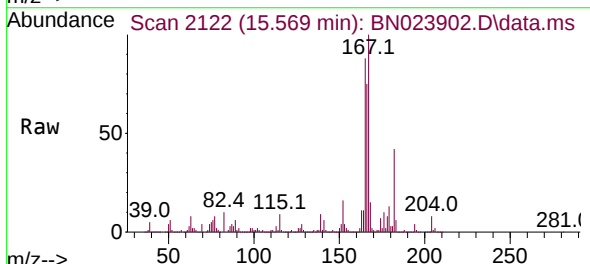


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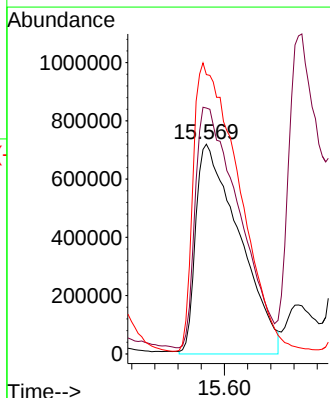
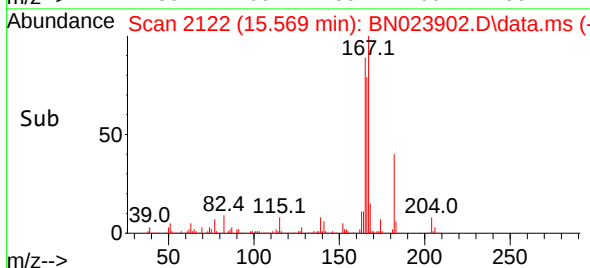
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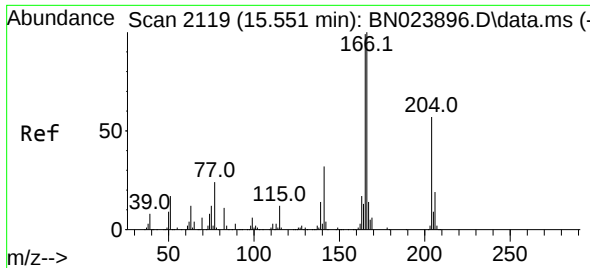


#61
Fluorene
Concen: 153.732 ng/ul m
RT: 15.569 min Scan# 2122
Delta R.T. 0.012 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



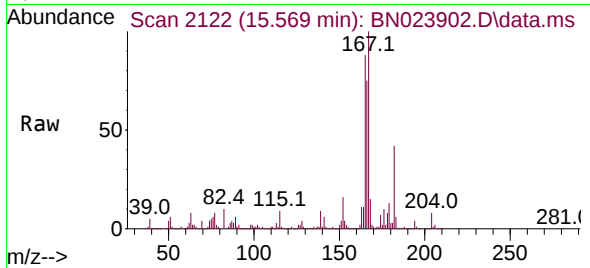
Tgt Ion:166 Resp: 3752156
Ion Ratio Lower Upper
166 100
165 117.3 74.1 111.1#
167 133.2 10.6 16.0#





#62
4-Chlorophenyl-phenylether
Concen: 31.535 ng/ul m
RT: 15.569 min Scan# 2119
Delta R.T. 0.018 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

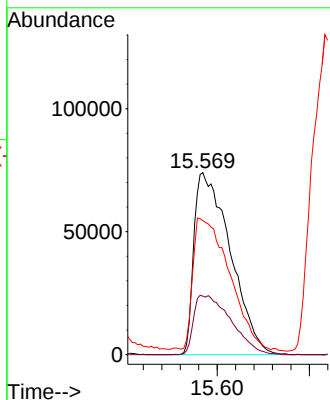
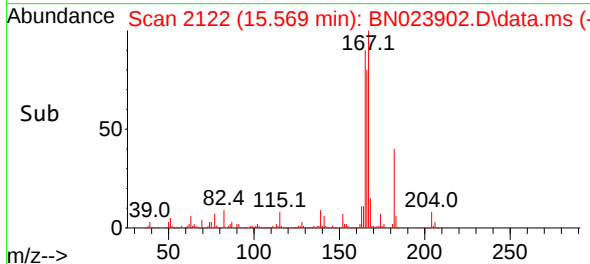
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:204 Resp: 403779
Ion Ratio Lower Upper
204 100
206 32.2 27.2 40.8
141 73.6 45.2 67.8

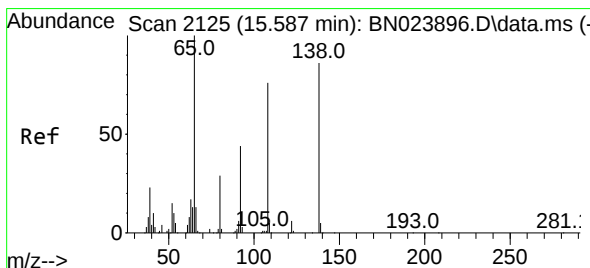
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Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

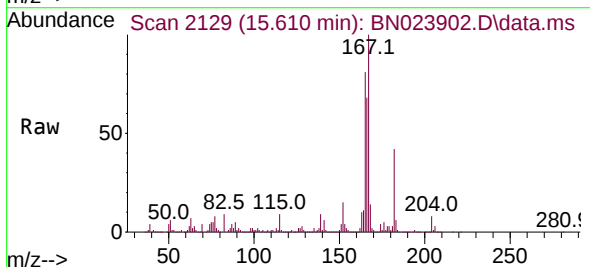


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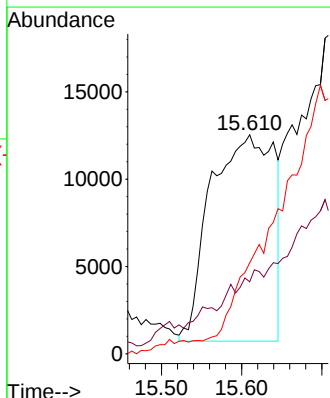
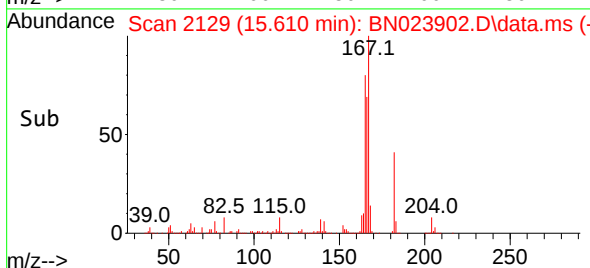
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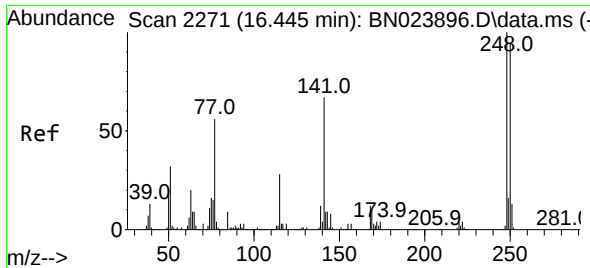


#63
4-Nitroaniline
Concen: 15.460 ng/ul m
RT: 15.610 min Scan# 2129
Delta R.T. 0.023 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



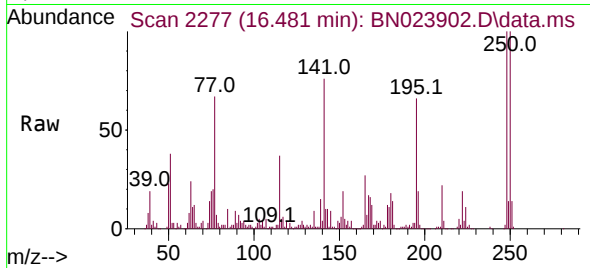
Tgt Ion:138 Resp: 64465
Ion Ratio Lower Upper
138 100
92 32.9 41.5 62.3#
108 41.6 71.0 106.6#





#68
4-Bromophenyl-phenylether
Concen: 29.964 ng/ul
RT: 16.481 min Scan# 2277
Delta R.T. 0.035 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

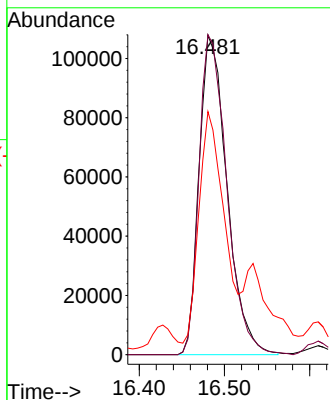
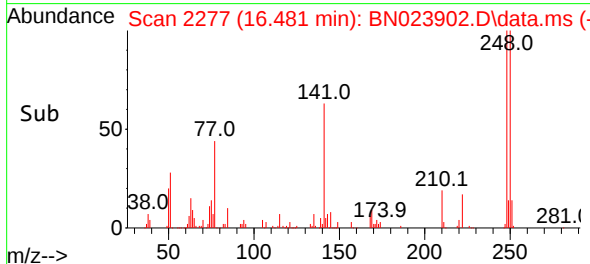
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:248 Resp: 245062
Ion Ratio Lower Upper
248 100
250 100.2 79.2 118.8
141 76.1 50.4 75.6

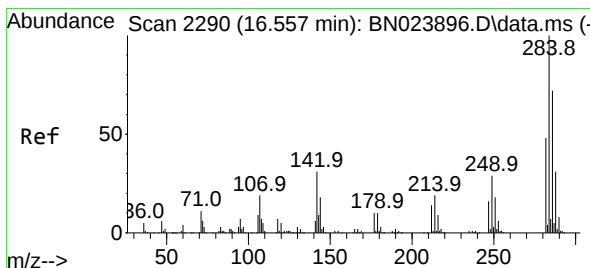
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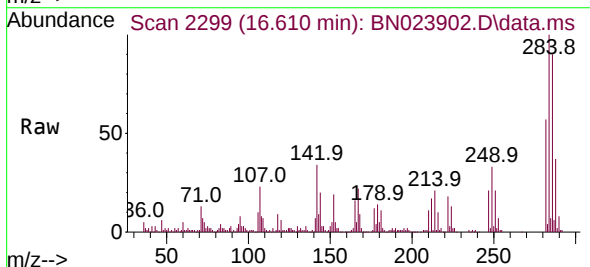


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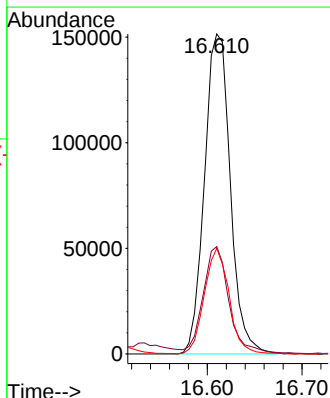
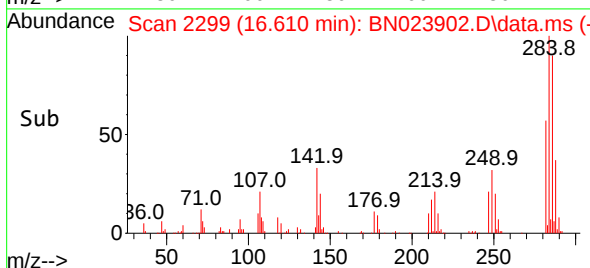
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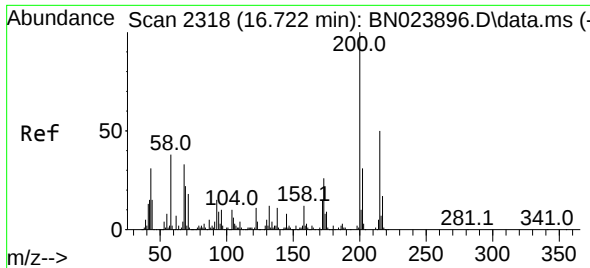


#69
Hexachlorobenzene
Concen: 30.417 ng/ul
RT: 16.610 min Scan# 2299
Delta R.T. 0.053 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



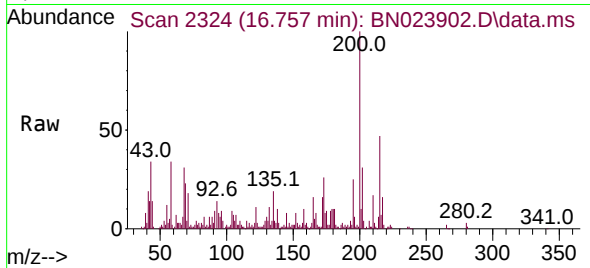
Tgt Ion:284 Resp: 287405
Ion Ratio Lower Upper
284 100
142 33.5 23.2 34.8
249 33.0 22.6 34.0





#70
Atrazine
Concen: 30.600 ng/ul m
RT: 16.757 min Scan# 2318
Delta R.T. 0.035 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

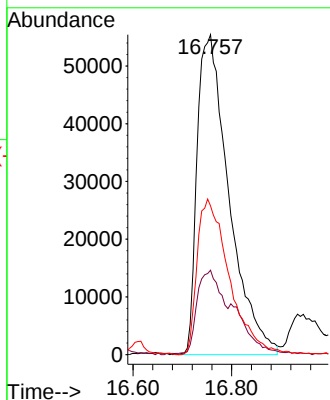
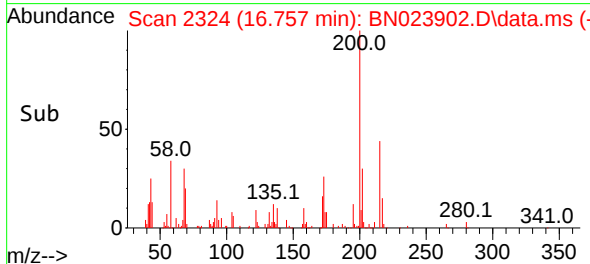
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:200 Resp: 247912
Ion Ratio Lower Upper
200 100
173 26.4 20.9 31.3
215 46.5 40.2 60.2

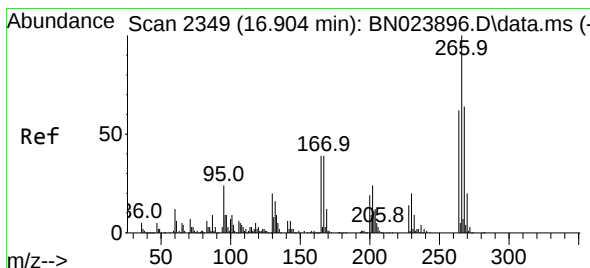
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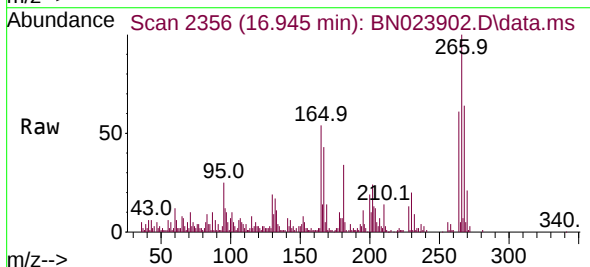


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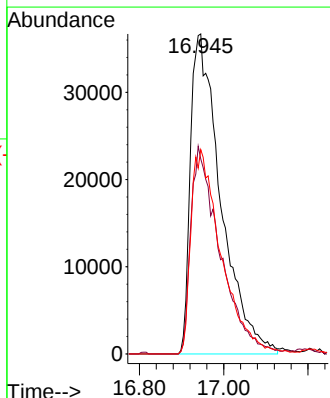
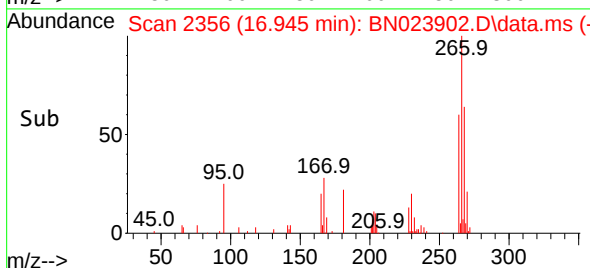
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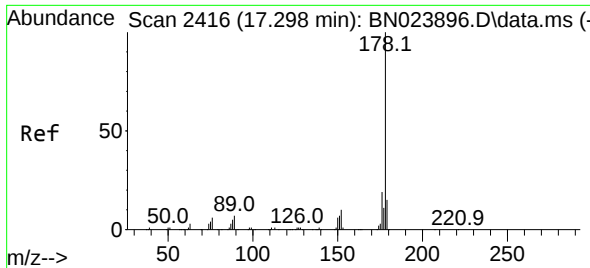


#71
Pentachlorophenol
Concen: 30.307 ng/ul m
RT: 16.945 min Scan# 2356
Delta R.T. 0.041 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



Tgt Ion:266 Resp: 183350
Ion Ratio Lower Upper
266 100
264 61.0 49.9 74.9
268 63.8 50.3 75.5





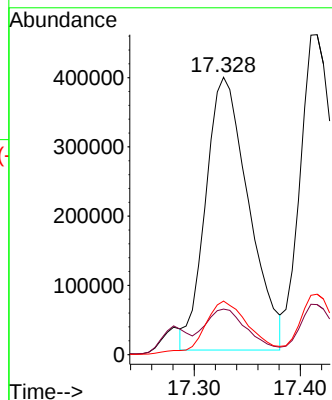
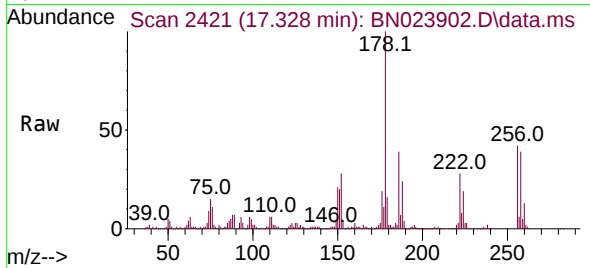
#72
Phenanthrene
Concen: 29.564 ng/ul m
RT: 17.328 min Scan# 2416
Delta R.T. 0.029 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Instrument :
BNA_N
ClientSampleId :
A4488MSD

Tgt Ion:178 Resp: 1111883
Ion Ratio Lower Upper
178 100
179 16.4 12.1 18.1
176 19.3 15.2 22.8

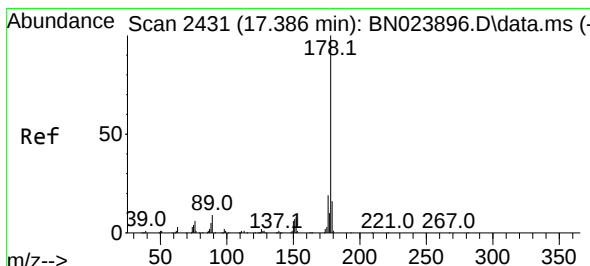
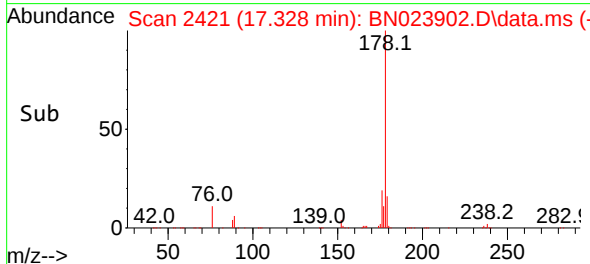
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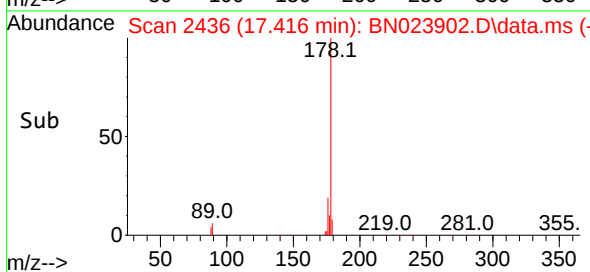
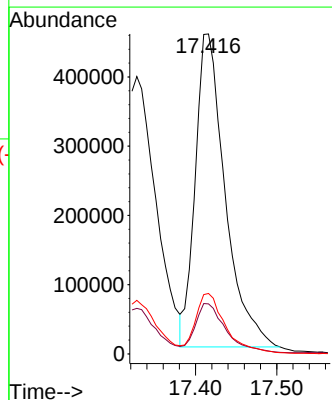
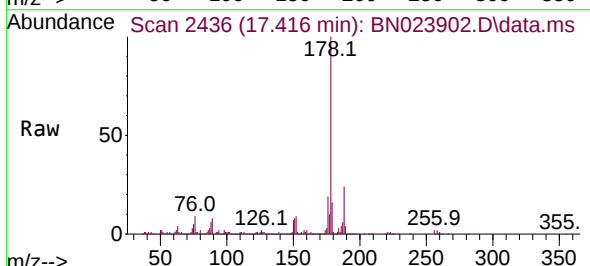
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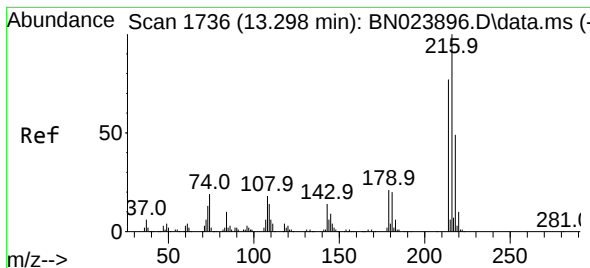
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#74
Anthracene
Concen: 30.827 ng/ul
RT: 17.416 min Scan# 2436
Delta R.T. 0.029 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Tgt Ion:178 Resp: 1155562
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.8
176 18.9 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 37.308 ng/uL

RT: 13.304 min Scan# 1737

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA_N

ClientSampleId :

A4488MSD

Tgt Ion:216 Resp: 400824

Ion Ratio Lower Upper

216 100

214 78.2 61.9 92.9

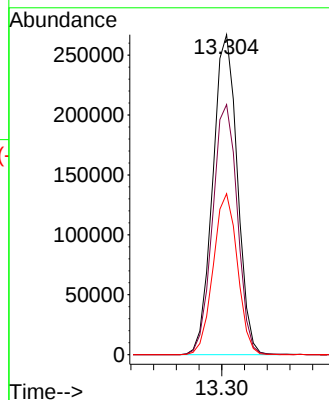
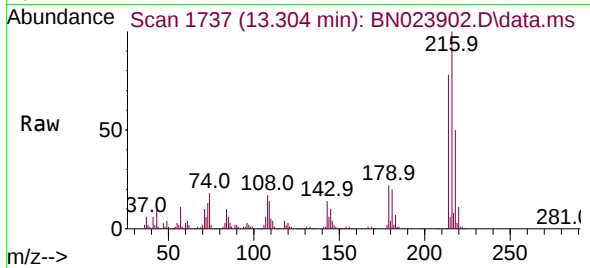
218 50.3 36.0 54.0

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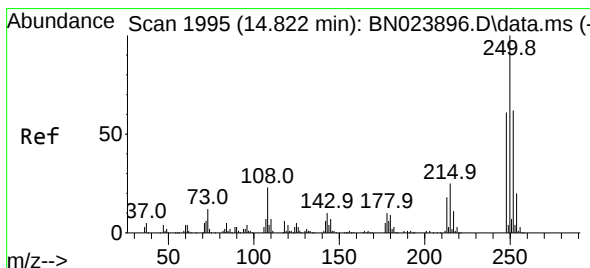
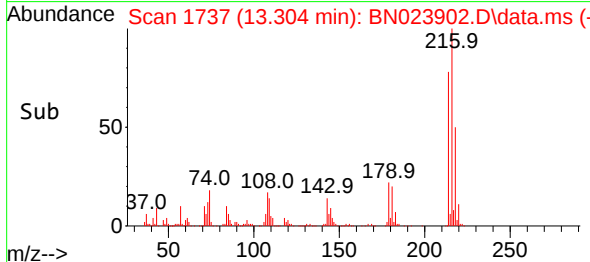
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#76

Pentachlorobenzene

Concen: 34.876 ng/uL

RT: 14.822 min Scan# 1995

Delta R.T. -0.000 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

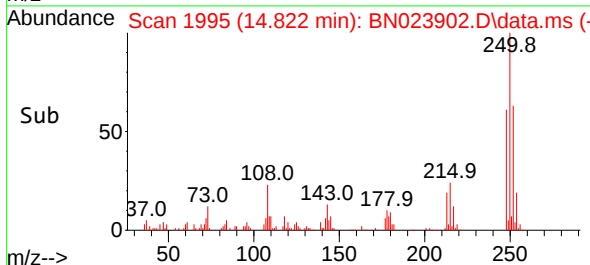
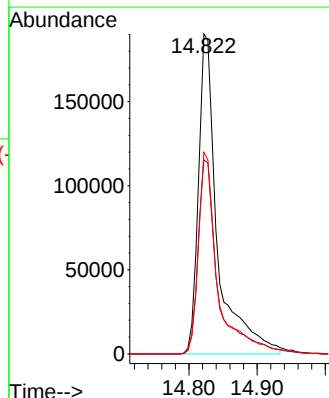
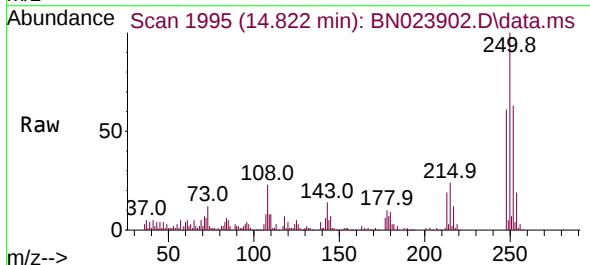
Tgt Ion:250 Resp: 373667

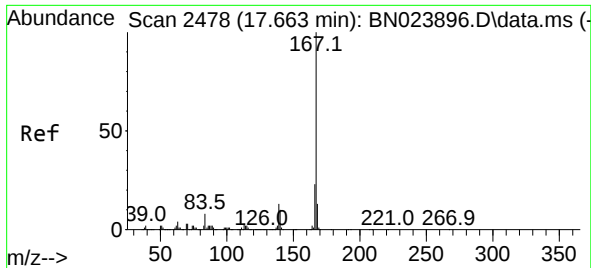
Ion Ratio Lower Upper

250 100

248 60.6 51.2 76.8

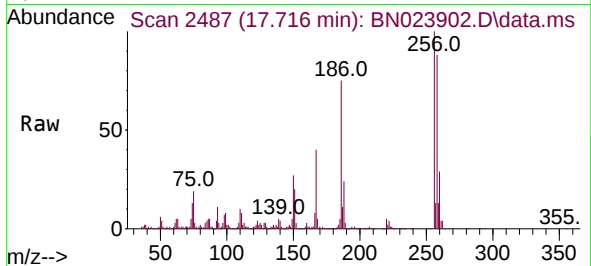
252 63.0 50.8 76.2





#77
Carbazole
Concen: 31.678 ng/ul m
RT: 17.716 min Scan# 2478
Delta R.T. 0.053 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

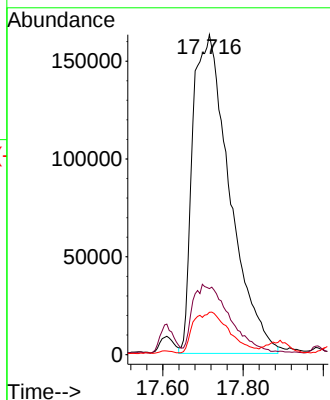
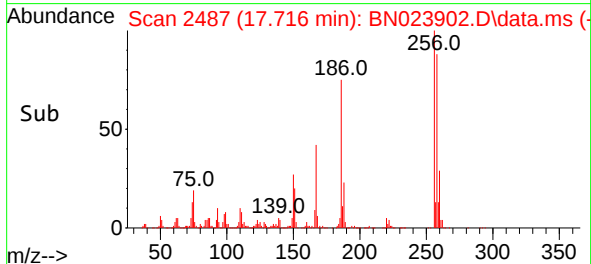
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:167 Resp: 1040560
Ion Ratio Lower Upper
167 100
166 20.6 17.4 26.2
139 13.2 10.2 15.4

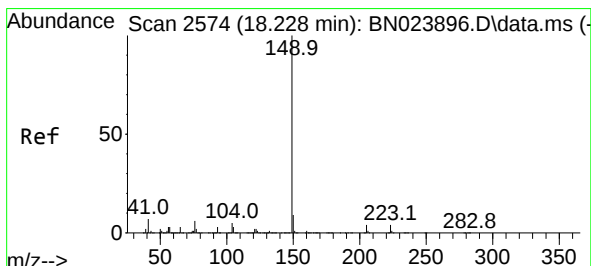
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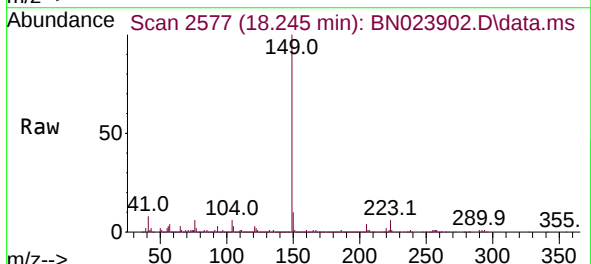


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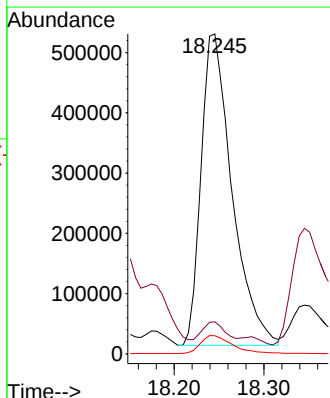
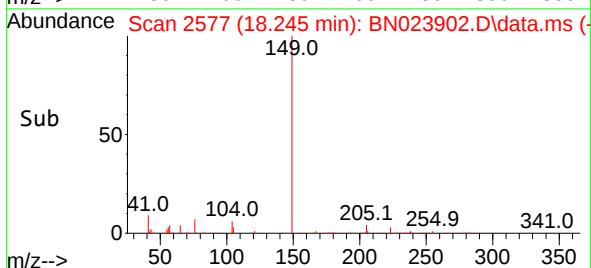
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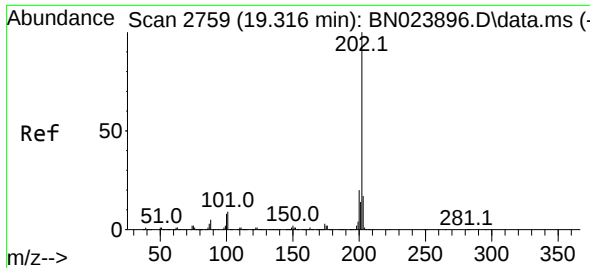


#78
Di-n-butylphthalate
Concen: 17.669 ng/ul
RT: 18.245 min Scan# 2577
Delta R.T. 0.023 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



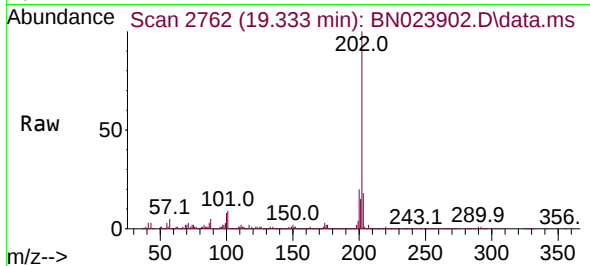
Tgt Ion:149 Resp: 1244022
Ion Ratio Lower Upper
149 100
150 10.0 7.4 11.2
104 5.7 4.6 6.8





#80
Fluoranthene
Concen: 626.391 ng/ul m
RT: 19.333 min Scan# 2759
Delta R.T. 0.023 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

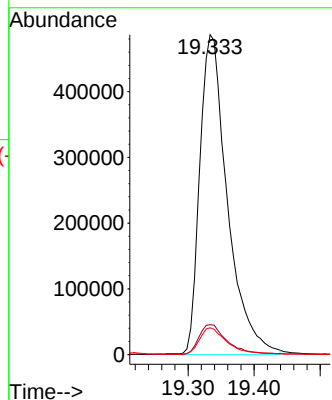
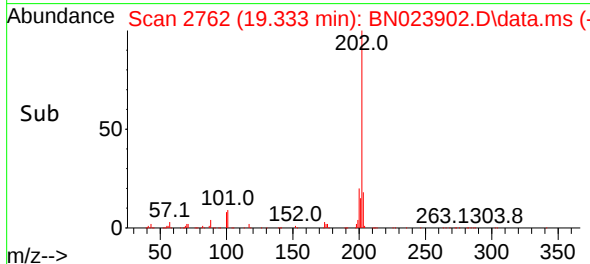
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:202 Resp: 1413679
Ion Ratio Lower Upper
202 100
101 9.4 8.2 12.2
100 8.4 6.2 9.4

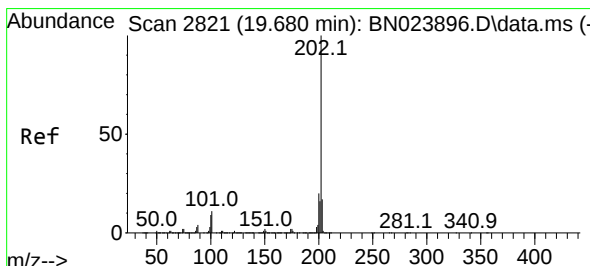
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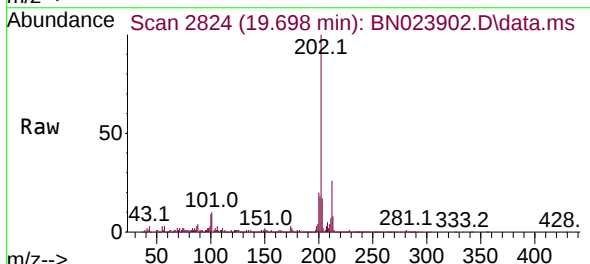


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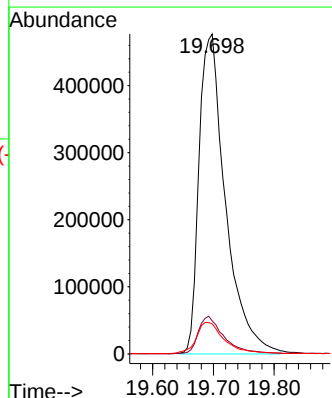
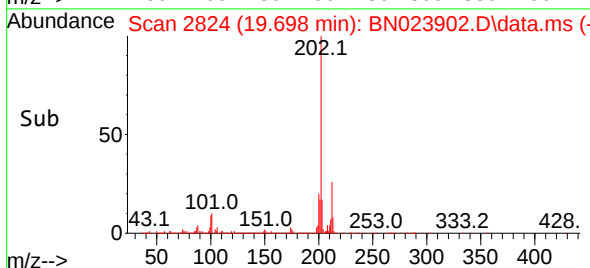
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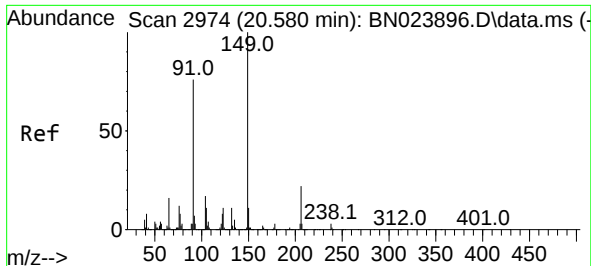


#82
Pyrene
Concen: 628.552 ng/ul m
RT: 19.698 min Scan# 2824
Delta R.T. 0.018 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23



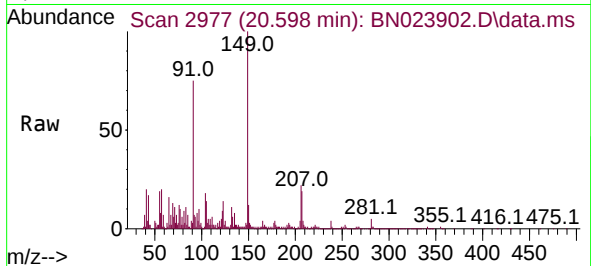
Tgt Ion:202 Resp: 1442874
Ion Ratio Lower Upper
202 100
101 10.3 9.1 13.7
100 9.4 7.4 11.2





#83
Butylbenzylphthalate
Concen: 641.837 ng/ul m
RT: 20.598 min Scan# 2977
Delta R.T. 0.018 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

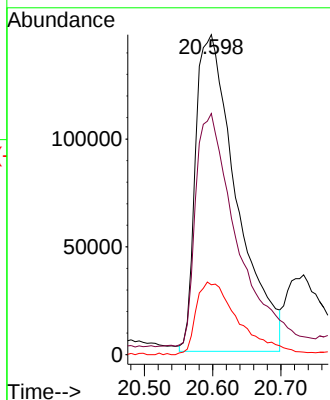
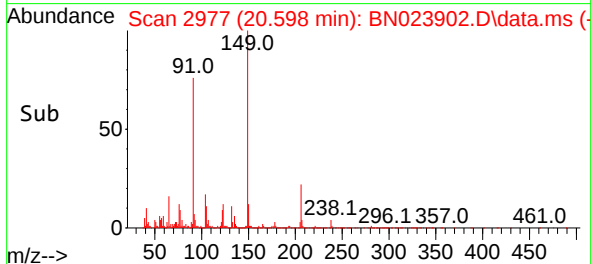
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:149 Resp: 61448
Ion Ratio Lower Upper
149 100
91 75.4 57.9 86.9
206 21.8 19.0 28.4

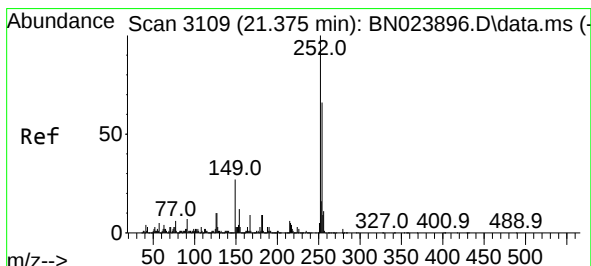
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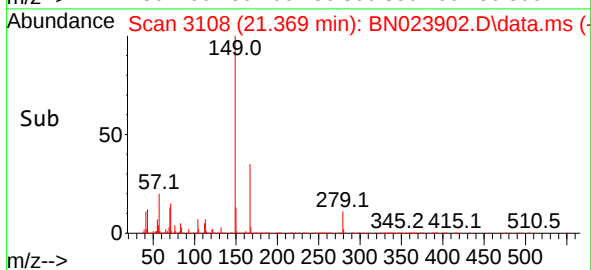
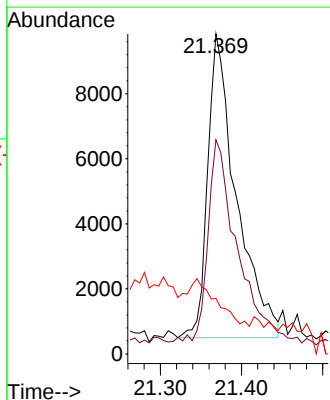
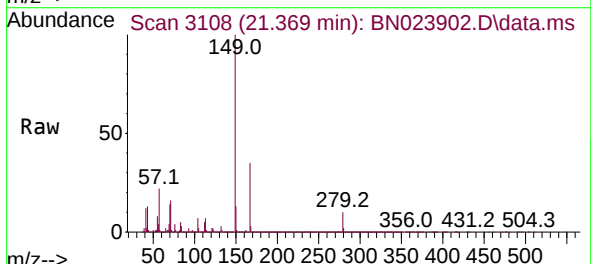
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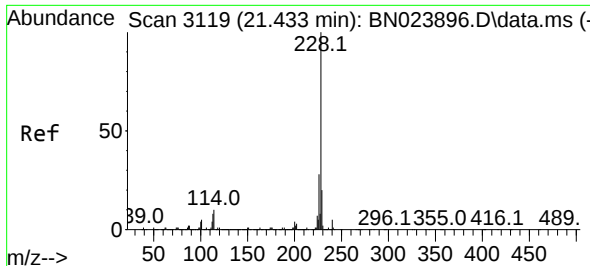
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#84
3,3'-Dichlorobenzidine
Concen: 30.626 ng/ul
RT: 21.369 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

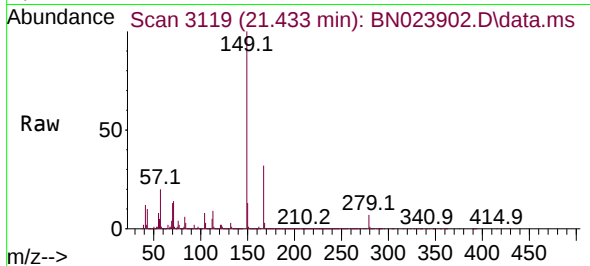
Tgt Ion:252 Resp: 22904
Ion Ratio Lower Upper
252 100
254 66.9 53.0 79.6
126 17.3 8.1 12.1#





#85
Benzo(a)anthracene
Concen: 34.979 ng/ul
RT: 21.433 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

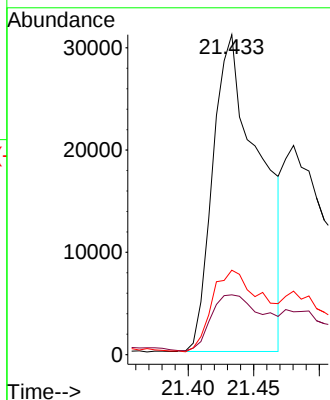
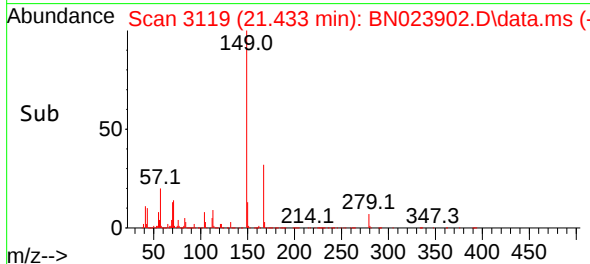
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:228 Resp: 77186
Ion Ratio Lower Upper
228 100
229 18.7 15.6 23.4
226 26.4 22.1 33.1

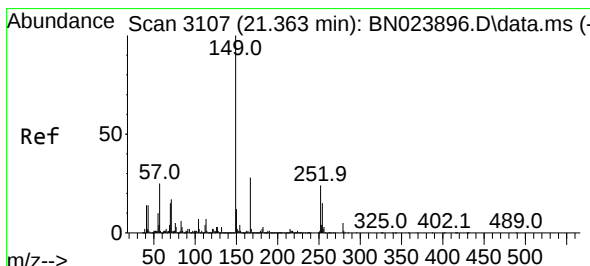
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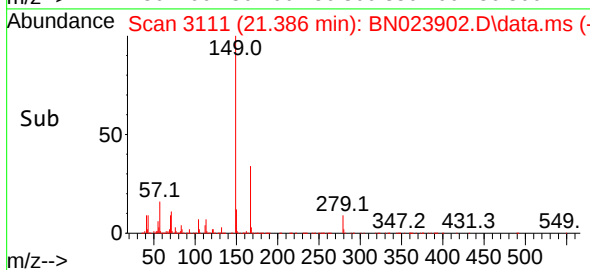
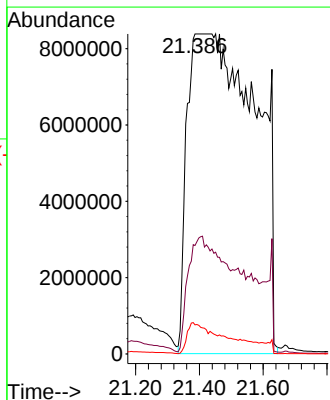
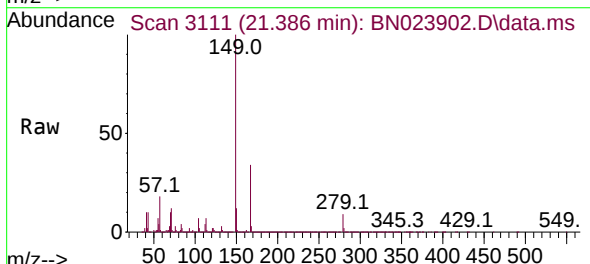
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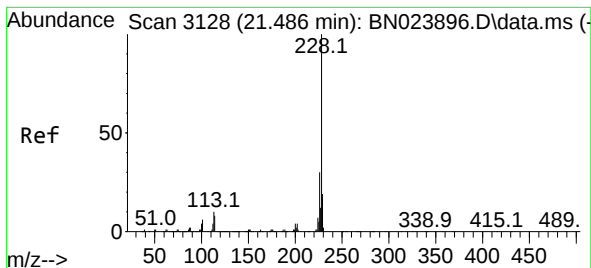
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#86
Bis(2-ethylhexyl)phthalate
Concen: 87511.479 ng/ul m
RT: 21.386 min Scan# 3111
Delta R.T. 0.029 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Tgt Ion:149 Resp:123601545
Ion Ratio Lower Upper
149 100
167 33.9 21.2 31.8#
279 9.1 3.8 5.6#





#87

Chrysene

Concen: 34.174 ng/ul m

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Instrument :

BNA_N

ClientSampleId :

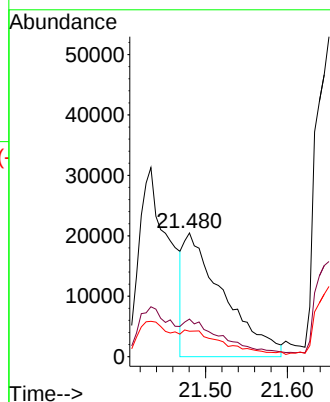
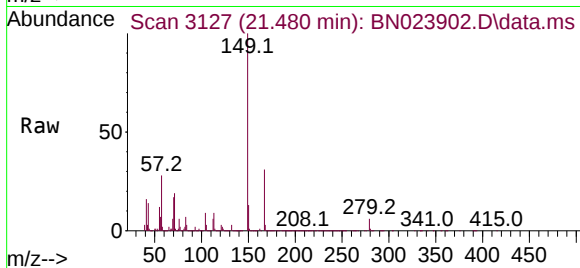
A4488MSD

Tgt Ion:228 Resp: 69582

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.9	38.9
229	20.5	16.4	24.6

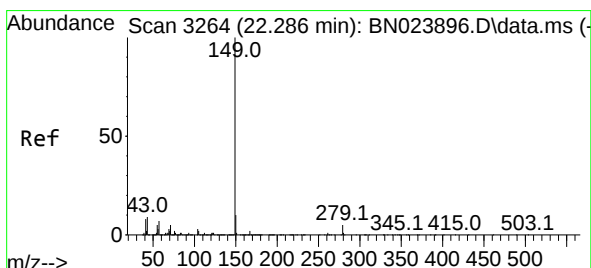
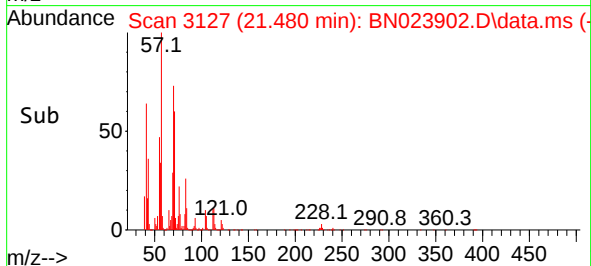
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#89

Di-n-octyl phthalate

Concen: 36.355 ng/ul

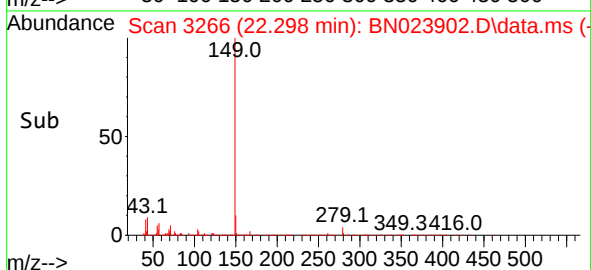
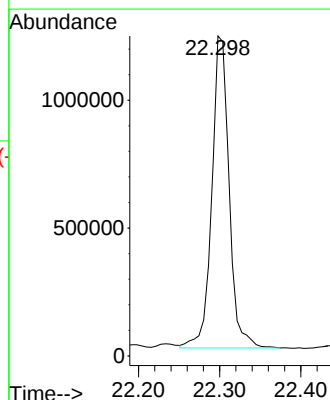
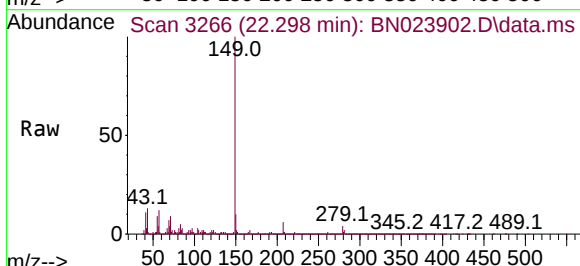
RT: 22.298 min Scan# 3266

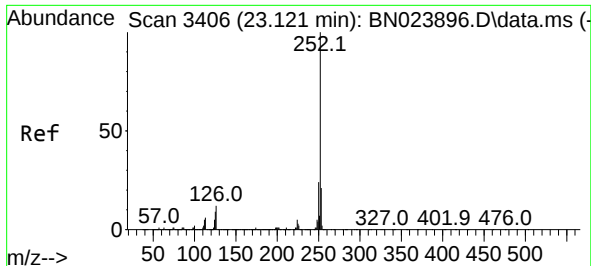
Delta R.T. 0.018 min

Lab File: BN023902.D

Acq: 02 Feb 2023 13:23

Tgt Ion:149 Resp: 1807386





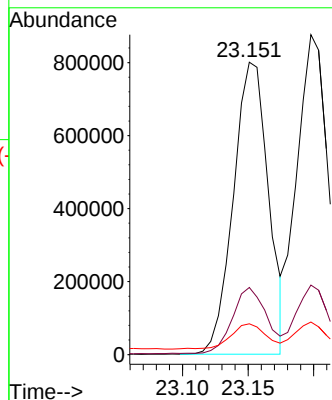
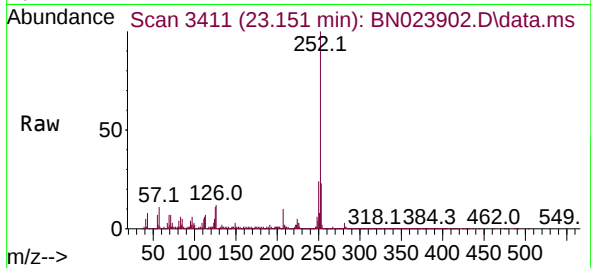
#90
Benzo(b)fluoranthene
Concen: 32.603 ng/ul
RT: 23.151 min Scan# 3406
Delta R.T. 0.035 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Instrument :
BNA_N
ClientSampleId :
A4488MSD

Tgt Ion:252 Resp: 1486164
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.6 7.3 10.9

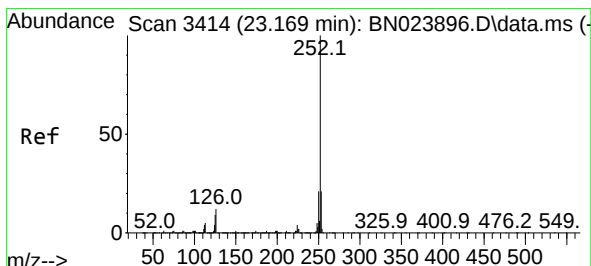
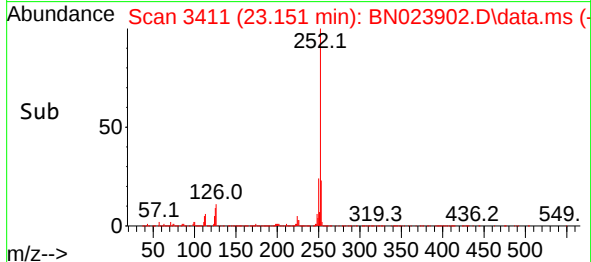
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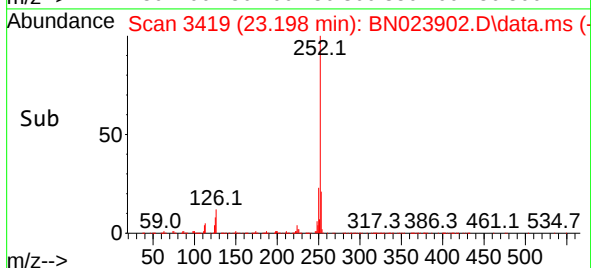
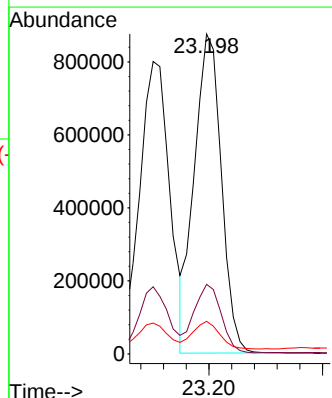
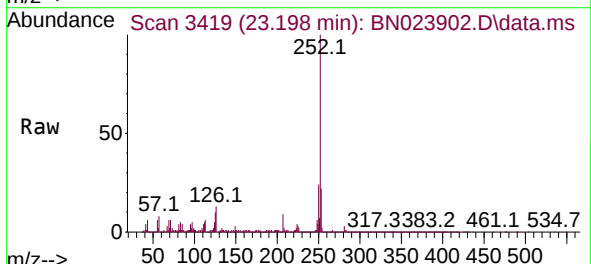
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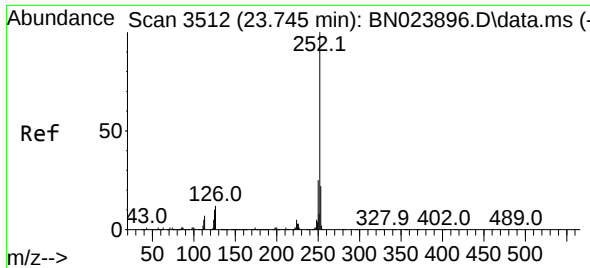
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#91
Benzo(k)fluoranthene
Concen: 33.613 ng/ul
RT: 23.198 min Scan# 3419
Delta R.T. 0.029 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

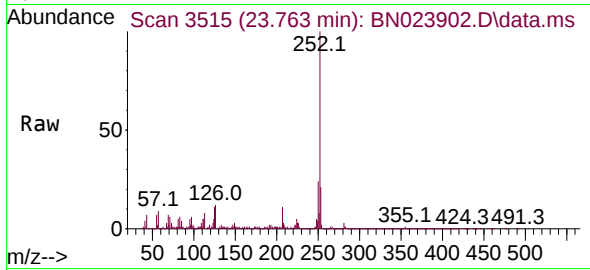
Tgt Ion:252 Resp: 1446895
Ion Ratio Lower Upper
252 100
253 21.7 16.2 24.2
125 10.2 6.6 9.8#





#93
Benzo(a)pyrene
Concen: 34.506 ng/ul
RT: 23.763 min Scan# 3515
Delta R.T. 0.023 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

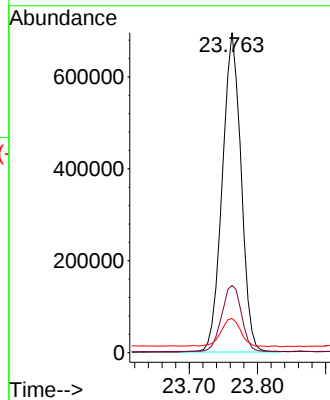
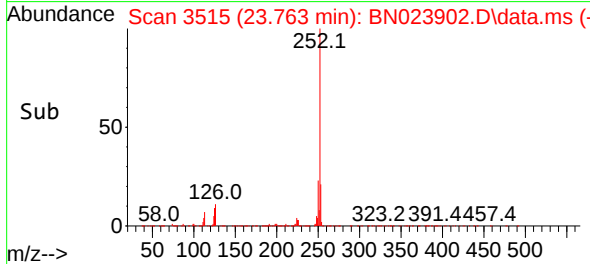
Instrument :
BNA_N
ClientSampleId :
A4488MSD



Tgt Ion:252 Resp: 1323338
Ion Ratio Lower Upper
252 100
253 21.0 17.1 25.7
125 10.7 7.5 11.3

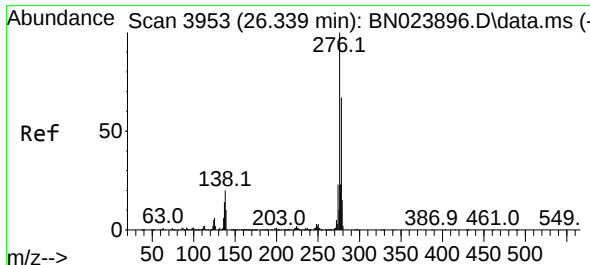
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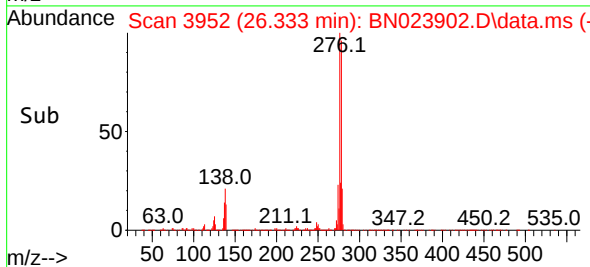
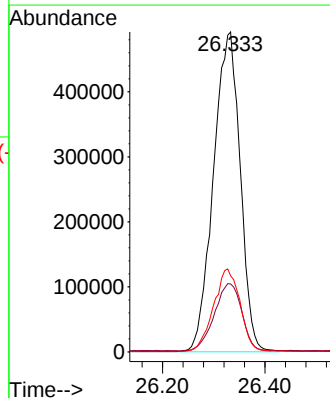
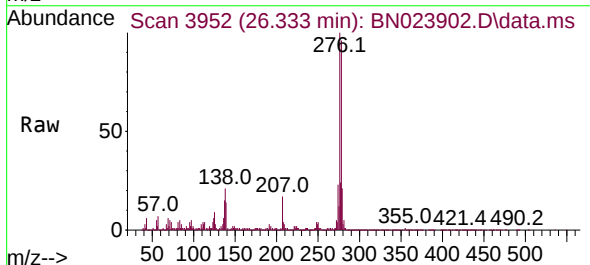
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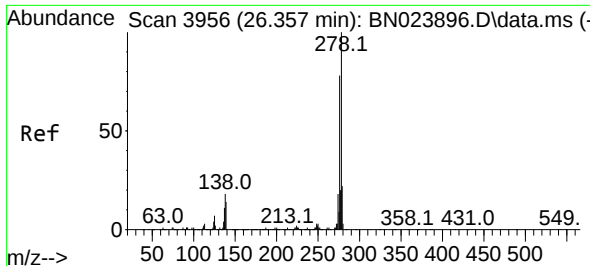
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#94
Indeno(1,2,3-cd)pyrene
Concen: 38.463 ng/ul m
RT: 26.333 min Scan# 3952
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Tgt Ion:276 Resp: 1779964
Ion Ratio Lower Upper
276 100
138 21.2 16.6 25.0
277 23.8 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 39.025 ng/ul
RT: 26.345 min Scan# 3956
Delta R.T. -0.000 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Instrument :

BNA_N

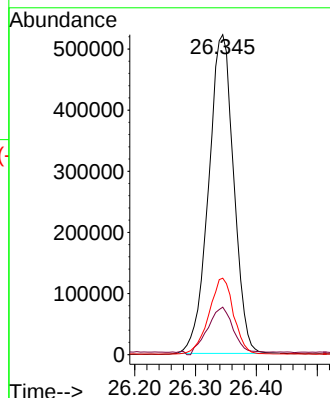
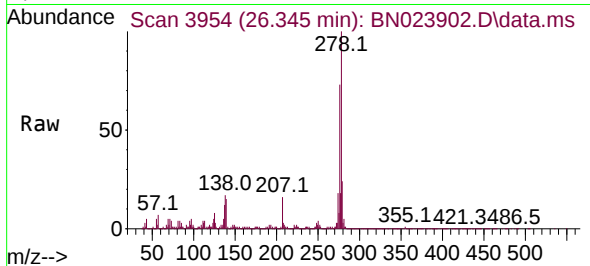
ClientSampleId :

A4488MSD

Tgt Ion:278 Resp: 1493630
Ion Ratio Lower Upper
278 100
139 14.8 10.8 16.2
279 23.9 18.3 27.5

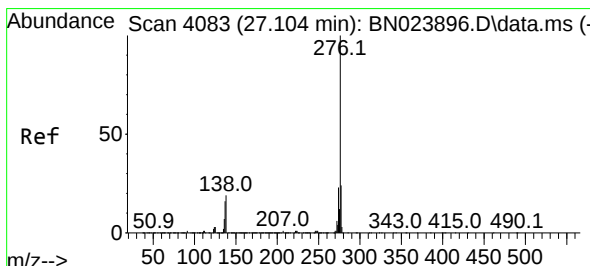
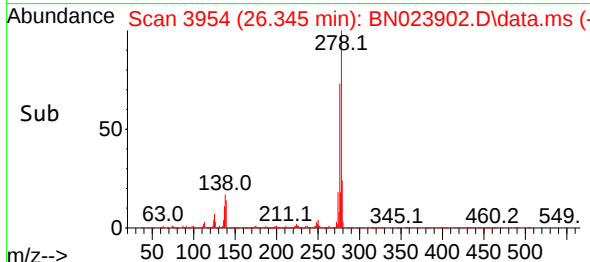
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02/03/2023



#96
Benzo(g,h,i)perylene
Concen: 40.949 ng/ul m
RT: 27.074 min Scan# 4078
Delta R.T. -0.030 min
Lab File: BN023902.D
Acq: 02 Feb 2023 13:23

Tgt Ion:276 Resp: 1492132
Ion Ratio Lower Upper
276 100
138 18.1 14.6 21.8
277 21.1 18.8 28.2

