

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
 Data File : BN014901.D
 Acq On : 14 Jun 2021 12:26
 Operator : CG/JU
 Sample : M2558-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3553

Quant Time: Jun 14 12:55:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 14 10:46:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	94226	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	351145	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.345	164	252236	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	587892	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	682728	20.000	ng/ul	0.00
88) Perylene-d12	23.557	264	804036	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	8378	4.728	ng/uL	0.00
4) Pyridine-d5	3.611	84	73502	17.833	ng/ul	0.00
7) Phenol-d5	6.869	99	152588	21.619	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	73961	22.119	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	115000	21.250	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	128105	21.299	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	61026	23.160	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	65512	21.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	134077	22.285	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	145693	20.447	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	618911	30.865	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	627045	28.609	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	72468	25.727	ng/ul	0.00
60) Fluorene-d10	15.339	176	524314	32.053	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	96680	27.512	ng/ul	0.00
73) Anthracene-d10	17.198	188	987187	37.104	ng/ul	0.00
81) Pyrene-d10	19.498	212	1230673	39.081	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1540331	38.333	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.893	94	282020	40.273	ng/ul#	81
22) Nitrobenzene	8.887	77	260634	37.082	ng/ul#	97
23) Isophorone	9.404	82	613413	48.389	ng/ul	96
30) Naphthalene	10.528	128	885300	50.236	ng/ul	95
36) 2-Methylnaphthalene	12.151	142	514041	39.782	ng/ul	98
41) 2,4,6-Trichlorophenol	12.769	196	252855	49.712	ng/ul	94
43) 1,1'-Biphenyl	13.175	154	642020	37.054	ng/ul#	94
50) Acenaphthylene	14.063	152	535777	26.955	ng/ul	99
56) Dibenzofuran	14.745	168	1124079	52.254	ng/ul#	76
59) Diethylphthalate	15.181	149	892749	46.483	ng/ul	96
69) Hexachlorobenzene	16.404	284	380197	41.569	ng/ul#	90
71) Pentachlorophenol	16.751	266	306194	68.334	ng/ul	95
74) Anthracene	17.233	178	1654677	55.740	ng/ul	100
77) Carbazole	17.504	167	1701103	68.565	ng/ul	95
80) Fluoranthene	19.169	202	2081636	57.523	ng/ul#	94
85) Benzo(a)anthracene	21.286	228	1930273	48.269	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	1284107	61.630	ng/ul	100
89) Di-n-octyl phthalate	22.110	149	2570560	61.235	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.845	276	3009384	55.062	ng/ul	96
95) Dibenzo(a,h)anthracene	25.862	278	2588255	57.861	ng/ul	97
96) Benzo(g,h,i)perylene	26.539	276	2797588	58.285	ng/ul	95

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

Instrument :

BNA_N

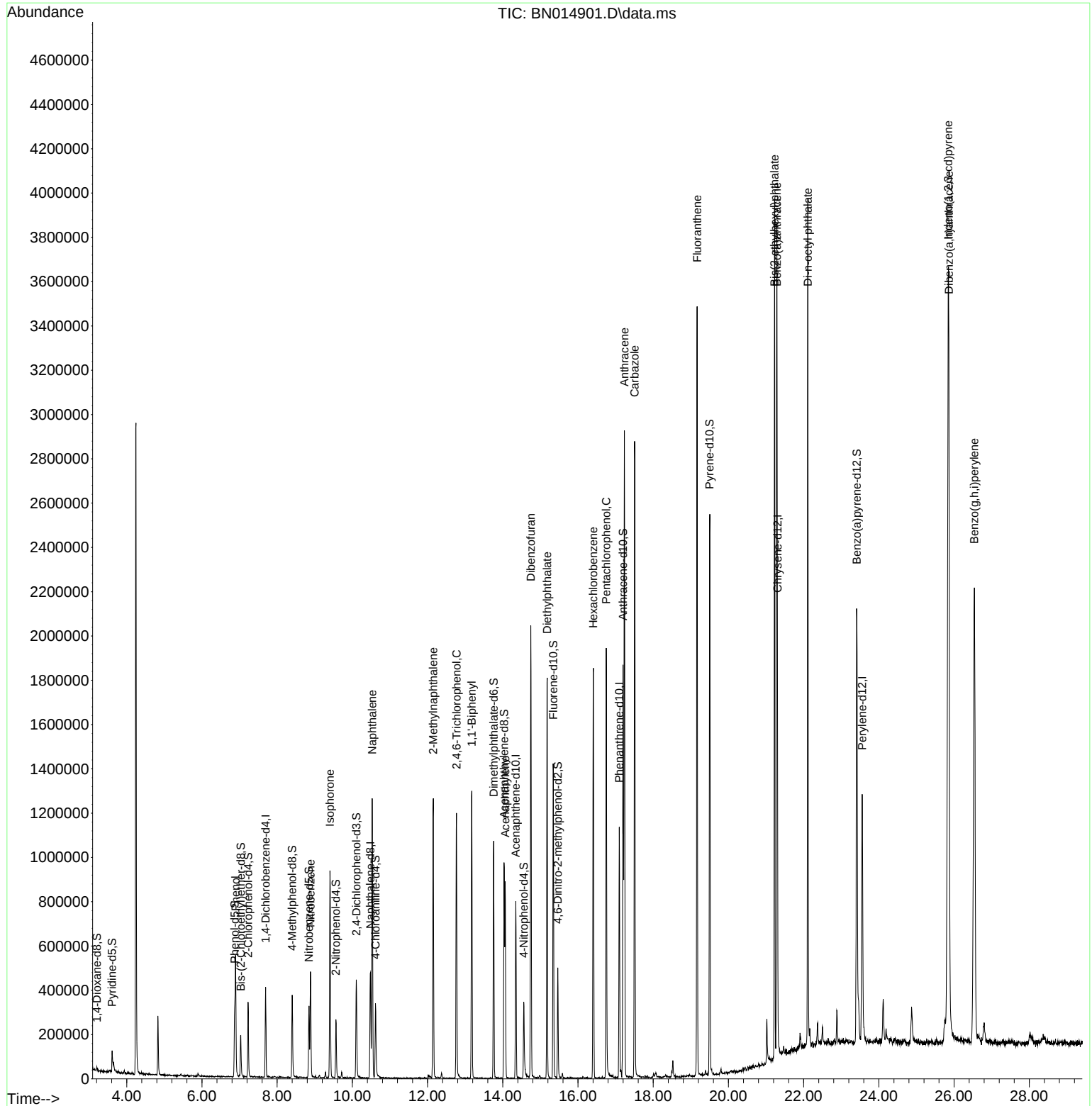
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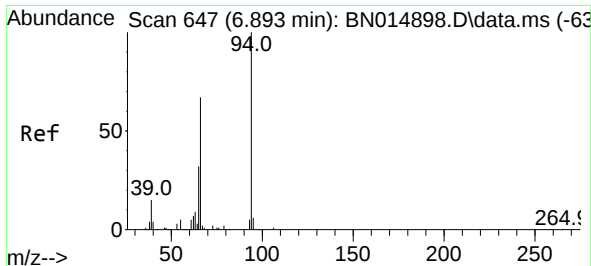
X3553

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Quant Title : SVOA CALIBRATION
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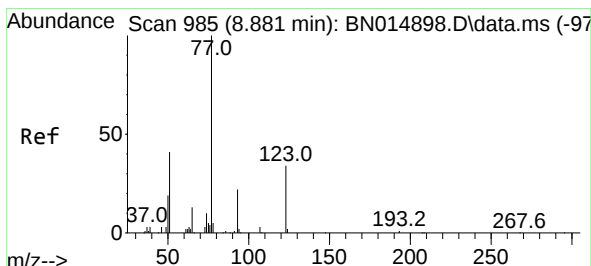
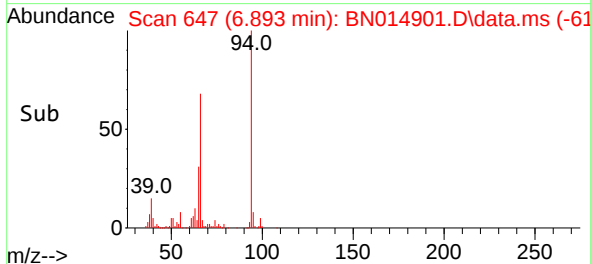
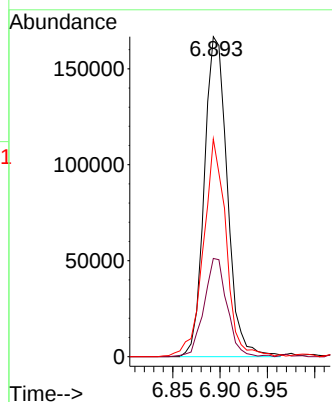
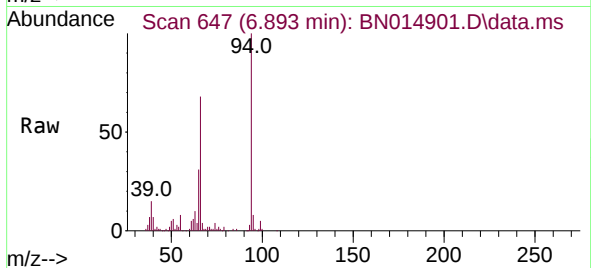




#8
Phenol
Concen: 40.273 ng/ul
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

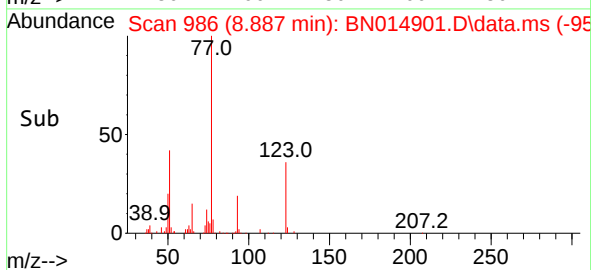
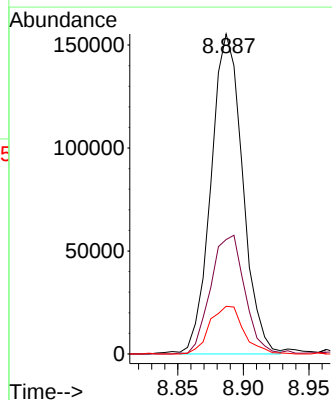
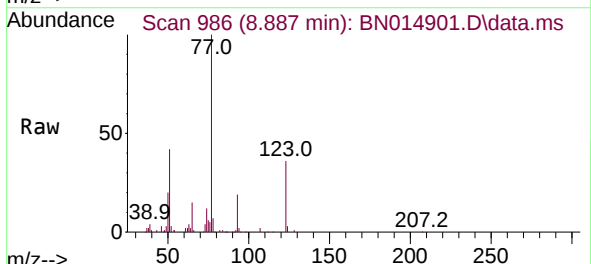
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BNA_N
ClientSampleId :
X3553

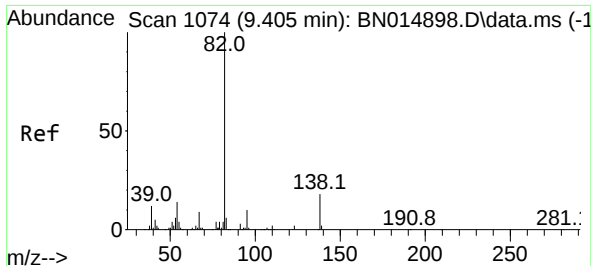
Tgt Ion: 94 Resp: 282020
Ion Ratio Lower Upper
94 100
65 30.7 22.7 34.1
66 68.0 39.2 58.8#



#22
Nitrobenzene
Concen: 37.082 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

Tgt Ion: 77 Resp: 260634
Ion Ratio Lower Upper
77 100
123 35.7 29.4 44.2
65 14.9 9.7 14.5#

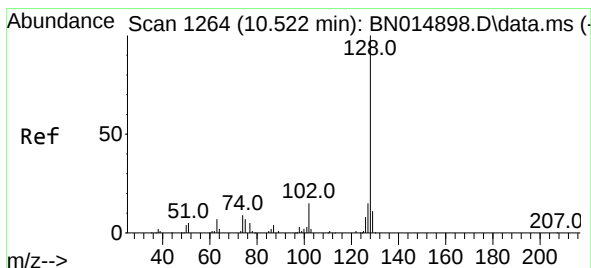
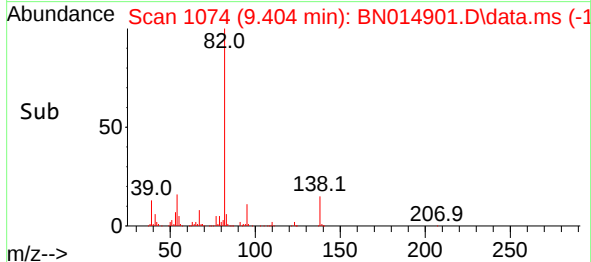
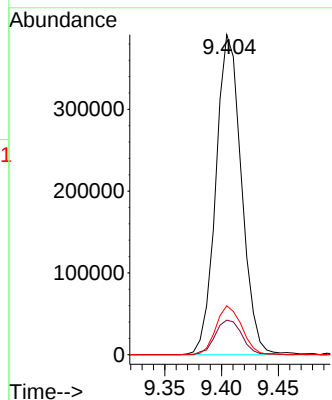
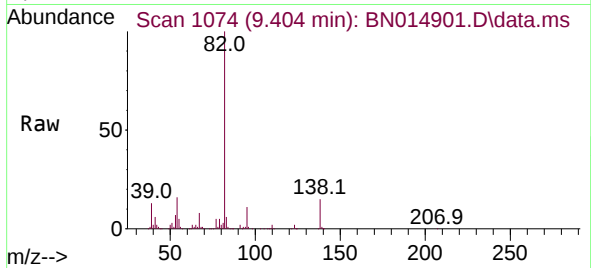




#23
Isophorone
Concen: 48.389 ng/ul
RT: 9.404 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

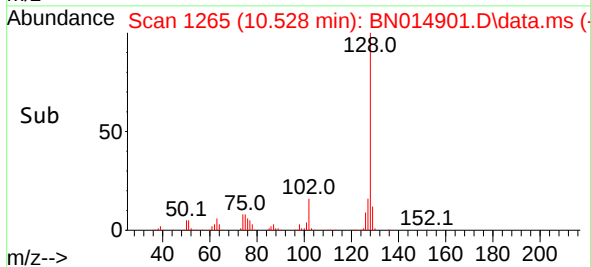
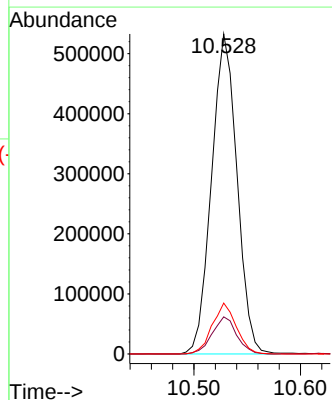
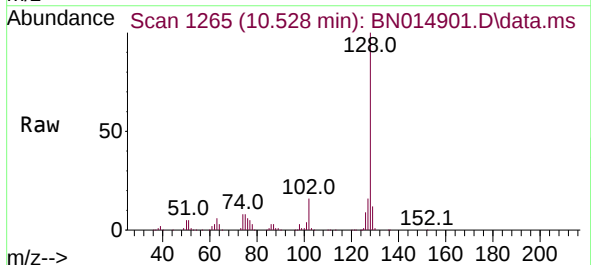
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BNA_N
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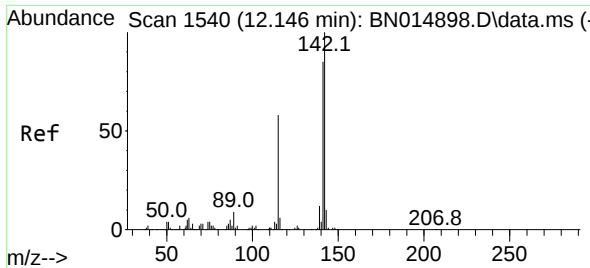
Tgt Ion: 82 Resp: 613413
Ion Ratio Lower Upper
82 100
95 10.8 7.7 11.5
138 15.3 11.0 16.4



#30
Naphthalene
Concen: 50.236 ng/ul
RT: 10.528 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

Tgt Ion: 128 Resp: 885300
Ion Ratio Lower Upper
128 100
129 11.6 8.1 12.1
127 15.9 11.0 16.4

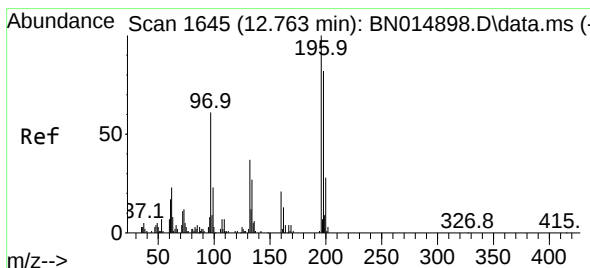
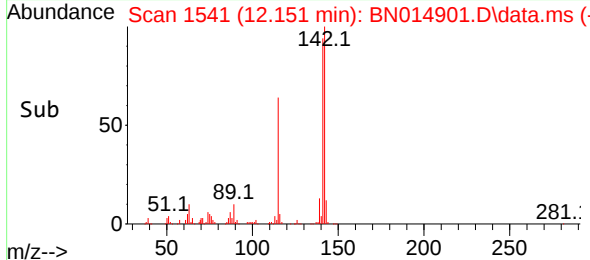
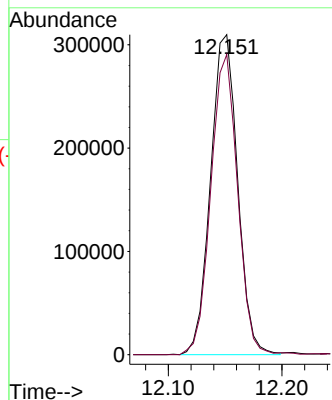
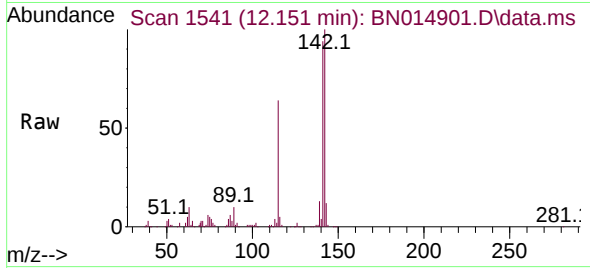




#36
2-Methylnaphthalene
Concen: 39.782 ng/ul
RT: 12.151 min Scan# 1541
Delta R.T. 0.006 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

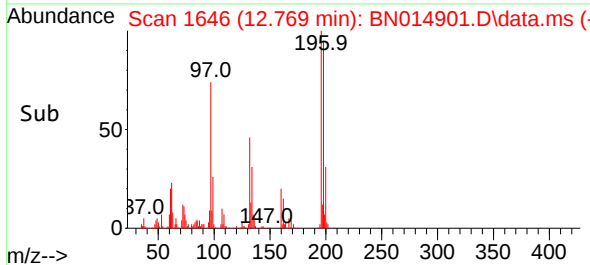
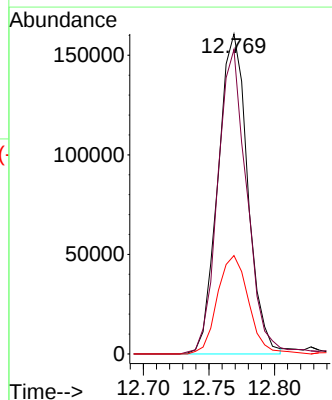
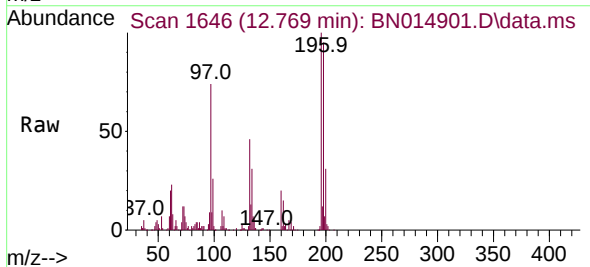
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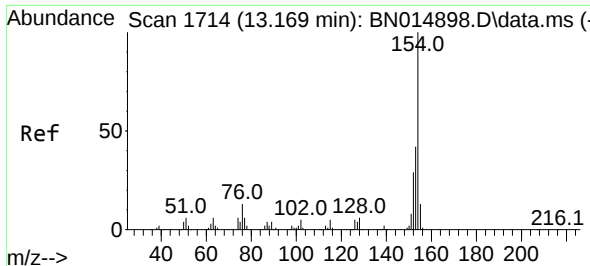
Tgt Ion:142 Resp: 514041
Ion Ratio Lower Upper
142 100
141 93.8 73.6 110.4



#41
2,4,6-Trichlorophenol
Concen: 49.712 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. 0.006 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

Tgt Ion:196 Resp: 252855
Ion Ratio Lower Upper
196 100
198 95.1 81.4 122.2
200 30.8 26.7 40.1

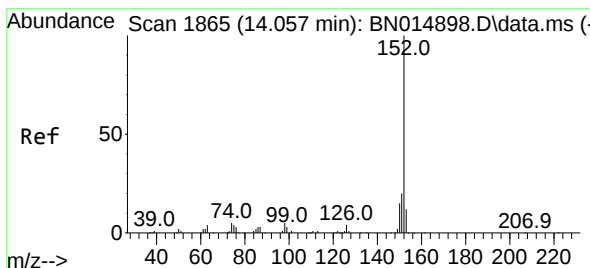
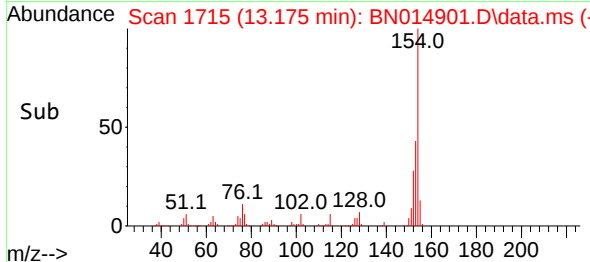
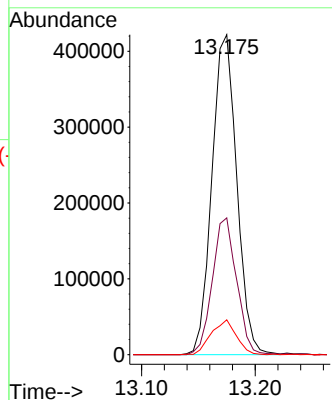
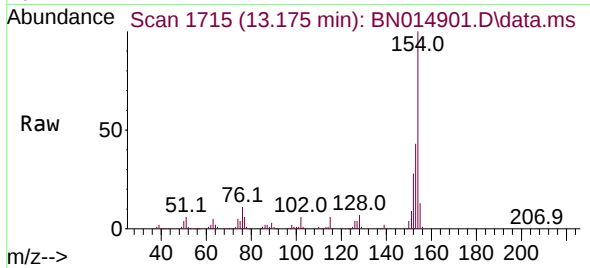




#43
1,1'-Biphenyl
Concen: 37.054 ng/ul
RT: 13.175 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

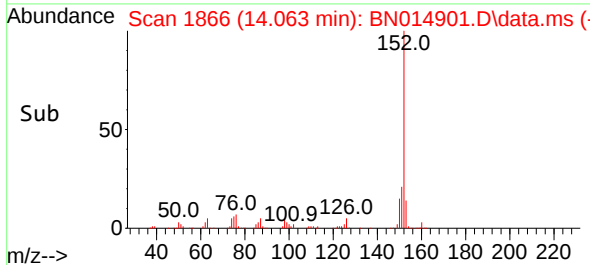
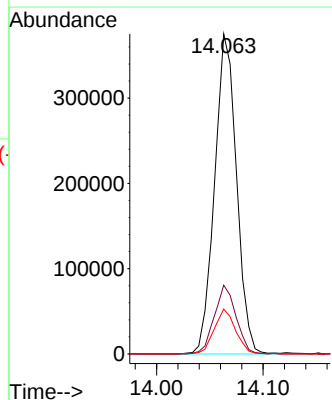
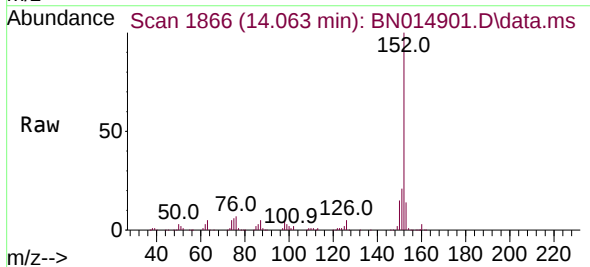
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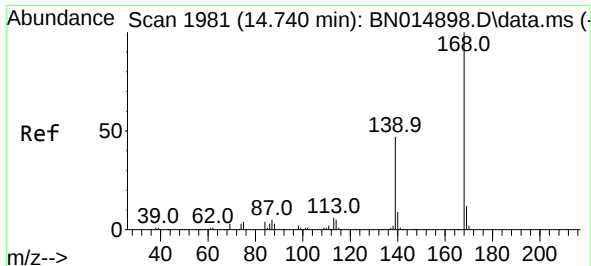
Tgt Ion:154 Resp: 642020
Ion Ratio Lower Upper
154 100
153 42.8 32.2 48.4
76 10.9 12.3 18.5#



#50
Acenaphthylene
Concen: 26.955 ng/ul
RT: 14.063 min Scan# 1866
Delta R.T. 0.006 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

Tgt Ion:152 Resp: 535777
Ion Ratio Lower Upper
152 100
151 21.5 17.8 26.8
153 14.0 11.2 16.8

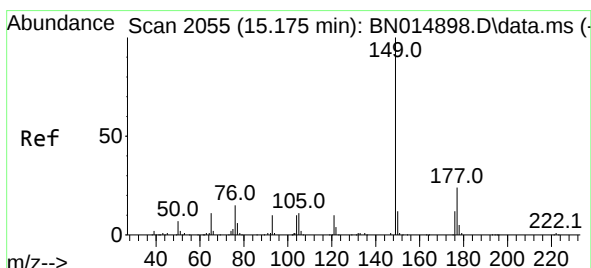
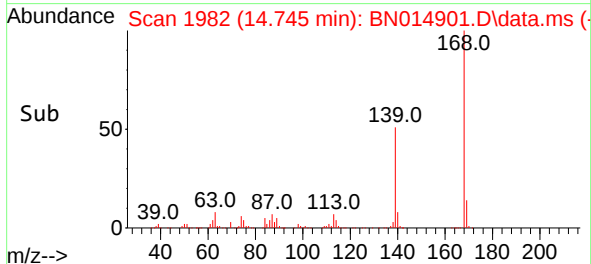
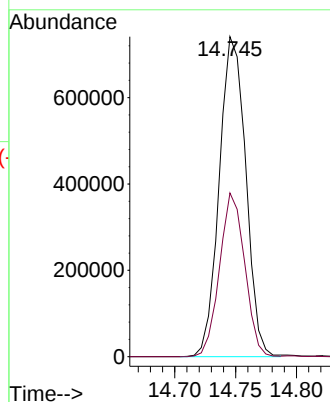
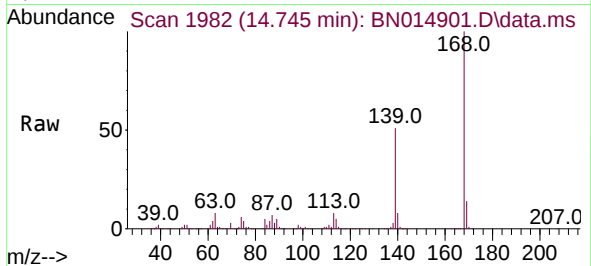




#56
Dibenzofuran
Concen: 52.254 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

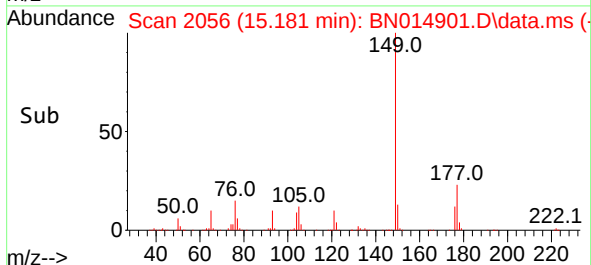
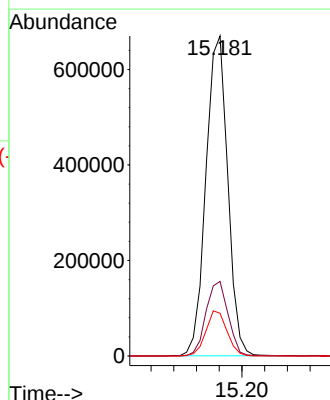
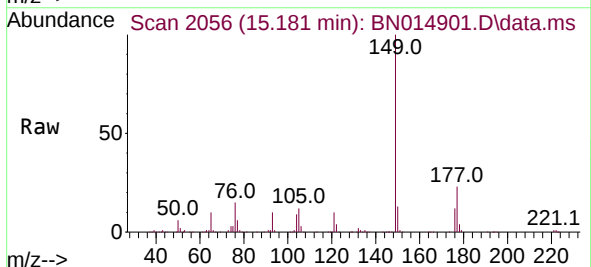
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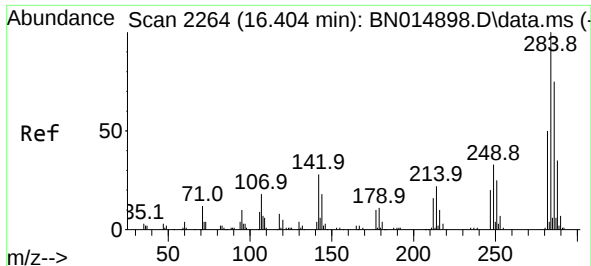
Tgt Ion:168 Resp: 1124079
Ion Ratio Lower Upper
168 100
139 51.1 29.5 44.3#



#59
Diethylphthalate
Concen: 46.483 ng/ul
RT: 15.181 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

Tgt Ion:149 Resp: 892749
Ion Ratio Lower Upper
149 100
177 23.3 20.6 31.0
150 13.4 11.4 17.2

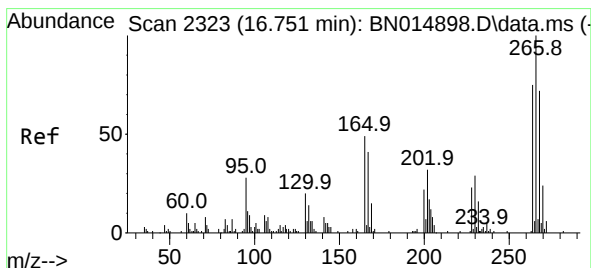
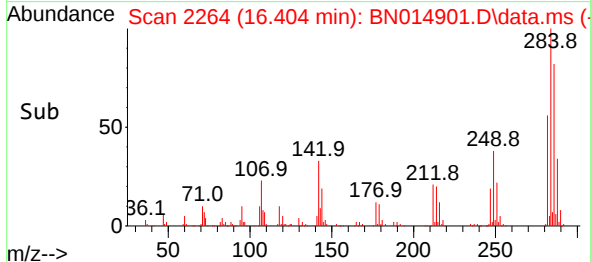
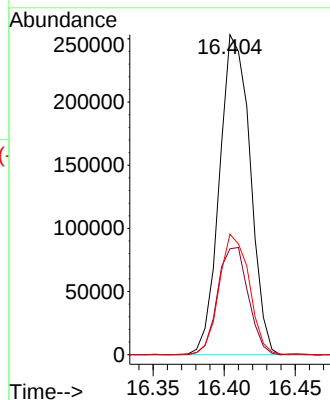
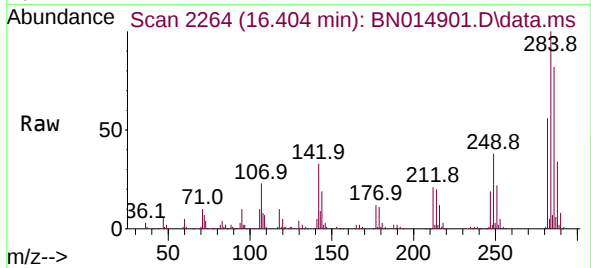




#69
Hexachlorobenzene
Concen: 41.569 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

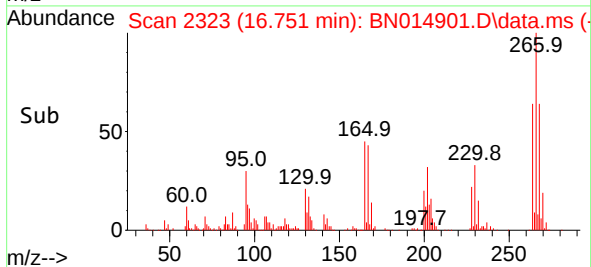
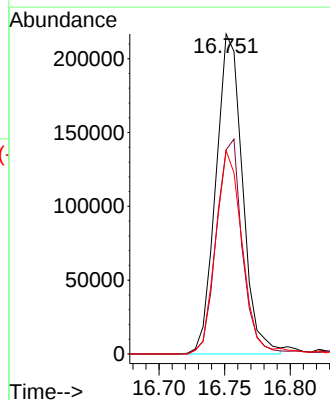
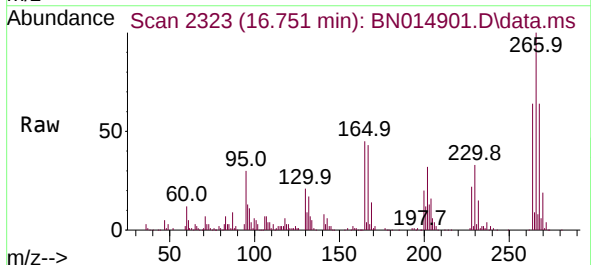
Instrument :
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ClientSampleId :
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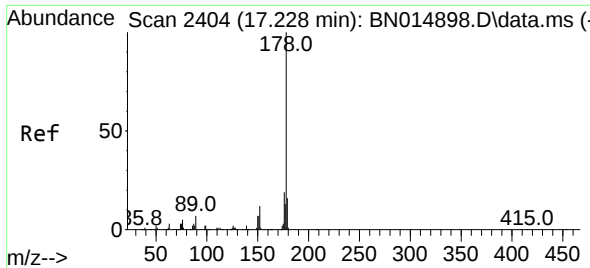
Tgt Ion:284 Resp: 380197
Ion Ratio Lower Upper
284 100
142 33.1 20.6 30.8#
249 37.7 27.3 40.9



#71
Pentachlorophenol
Concen: 68.334 ng/ul
RT: 16.751 min Scan# 2323
Delta R.T. -0.000 min
Lab File: BN014901.D
Acq: 14 Jun 2021 12:26

Tgt Ion:266 Resp: 306194
Ion Ratio Lower Upper
266 100
264 63.7 47.8 71.6
268 63.6 48.4 72.6

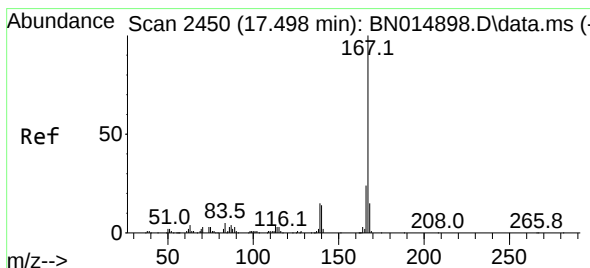
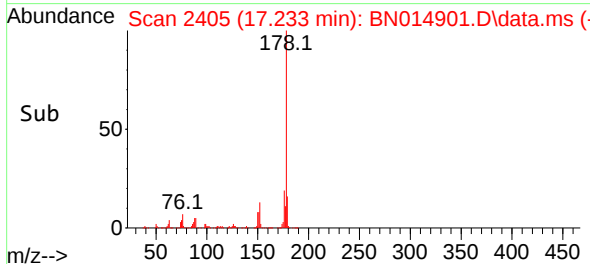
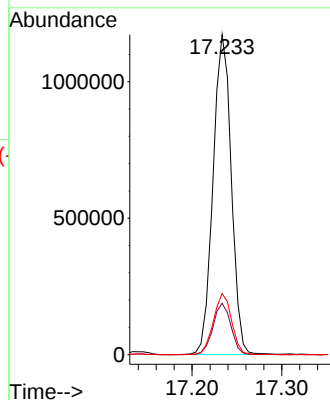
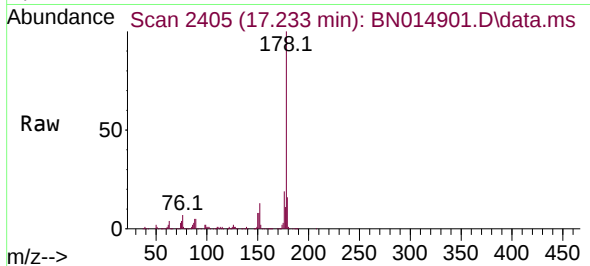




#74
 Anthracene
 Concen: 55.740 ng/ul
 RT: 17.233 min Scan# 2405
 Delta R.T. 0.006 min
 Lab File: BN014901.D
 Acq: 14 Jun 2021 12:26

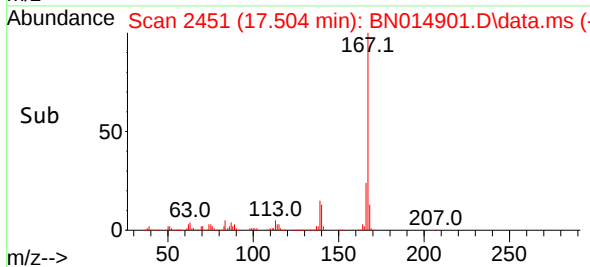
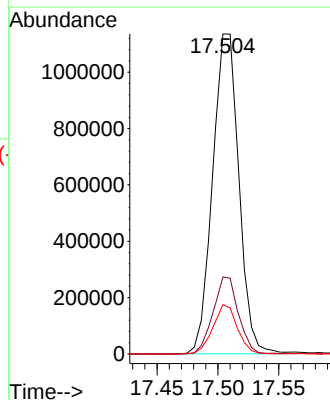
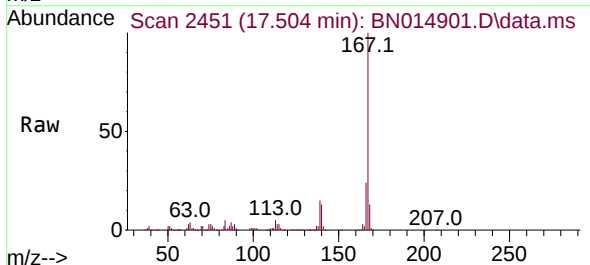
Instrument :
 BNA_N
 ClientSampleId :
 X3553

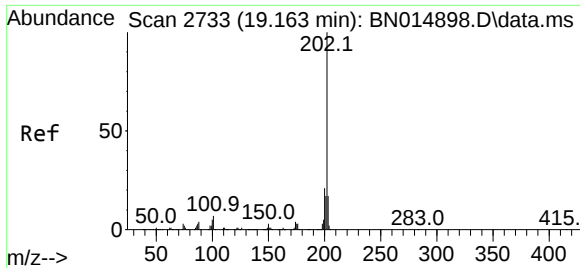
Tgt Ion:178 Resp: 1654677
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.9 19.3
 176 19.1 15.3 22.9



#77
 Carbazole
 Concen: 68.565 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. 0.006 min
 Lab File: BN014901.D
 Acq: 14 Jun 2021 12:26

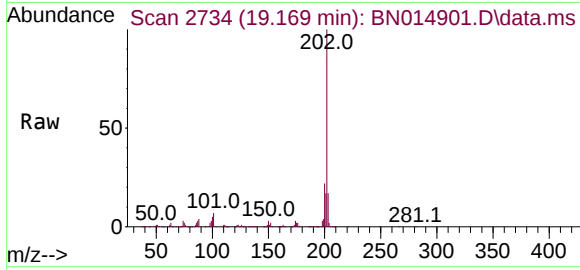
Tgt Ion:167 Resp: 1701103
 Ion Ratio Lower Upper
 167 100
 166 24.1 17.4 26.0
 139 15.4 10.6 15.8



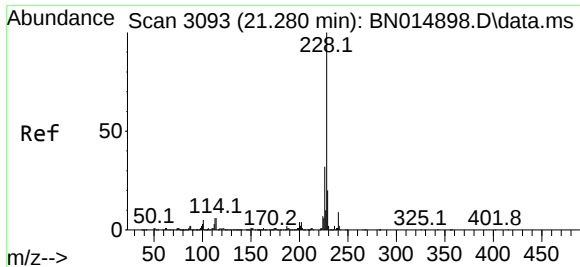
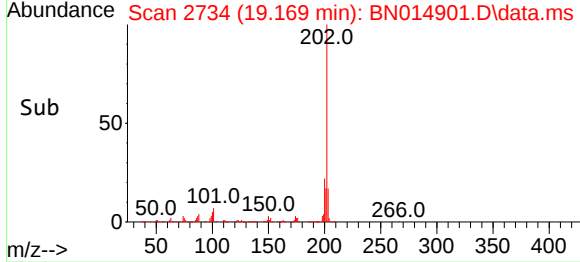
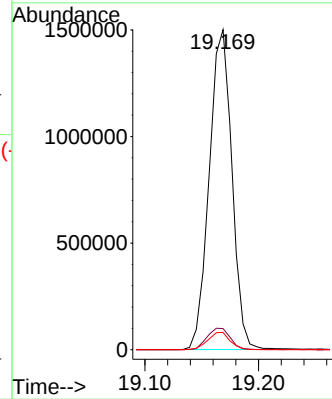


#80
 Fluoranthene
 Concen: 57.523 ng/ul
 RT: 19.169 min Scan# 2734
 Delta R.T. 0.006 min
 Lab File: BN014901.D
 Acq: 14 Jun 2021 12:26

Instrument :
 BNA_N
 ClientSampled :
 X3553

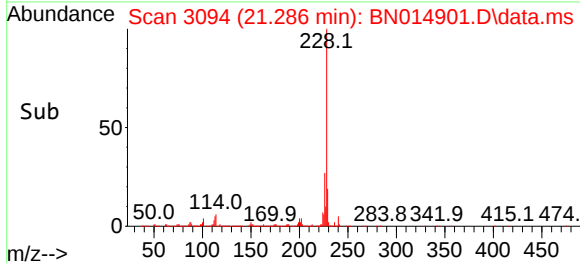
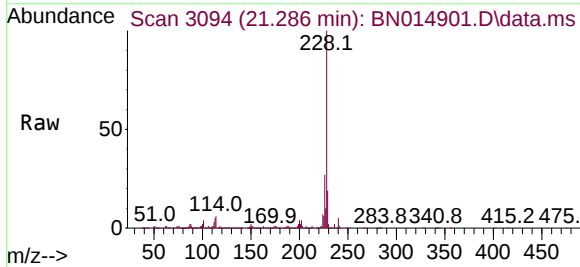
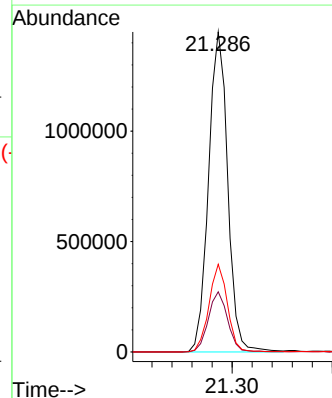


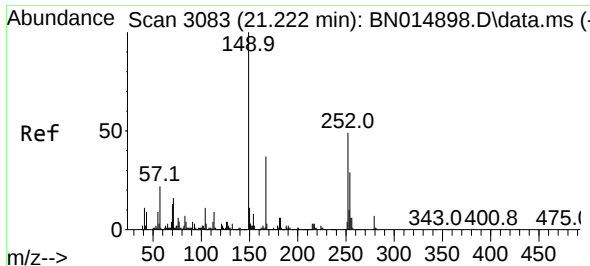
Tgt Ion:202 Resp: 2081636
 Ion Ratio Lower Upper
 202 100
 101 6.6 7.6 11.4#
 100 5.4 5.6 8.4#



#85
 Benzo(a)anthracene
 Concen: 48.269 ng/ul
 RT: 21.286 min Scan# 3094
 Delta R.T. 0.006 min
 Lab File: BN014901.D
 Acq: 14 Jun 2021 12:26

Tgt Ion:228 Resp: 1930273
 Ion Ratio Lower Upper
 228 100
 229 18.8 16.2 24.4
 226 27.4 21.6 32.4

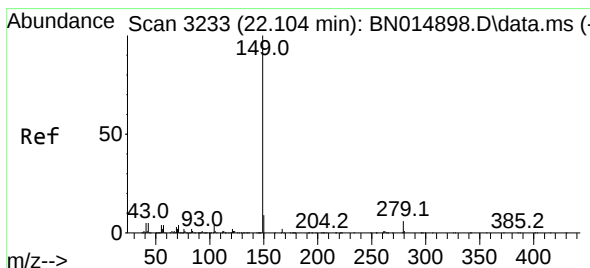
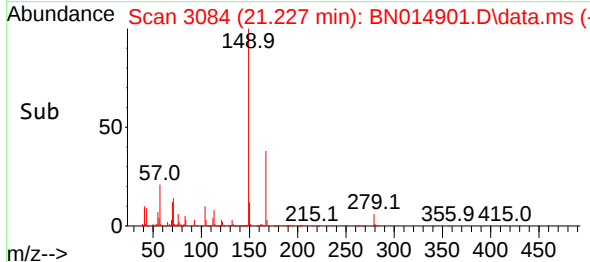
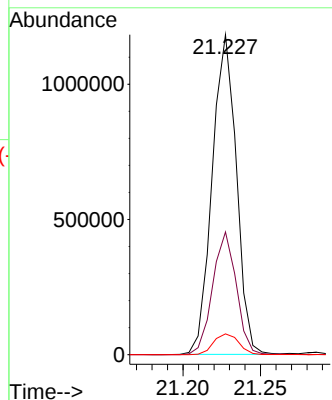
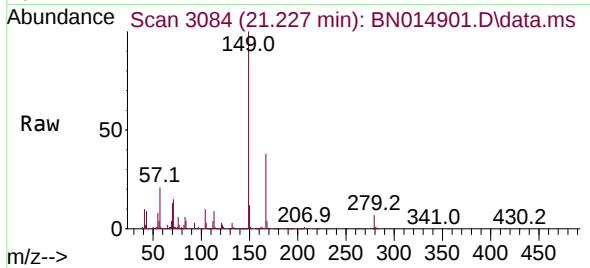




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 61.630 ng/ul
 RT: 21.227 min Scan# 3084
 Delta R.T. 0.006 min
 Lab File: BN014901.D
 Acq: 14 Jun 2021 12:26

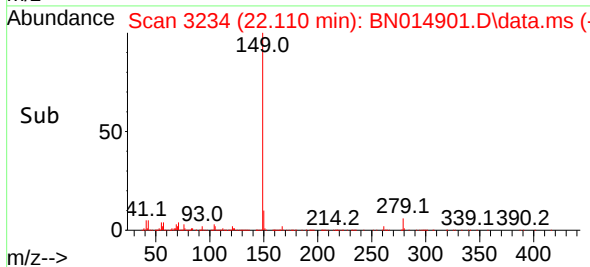
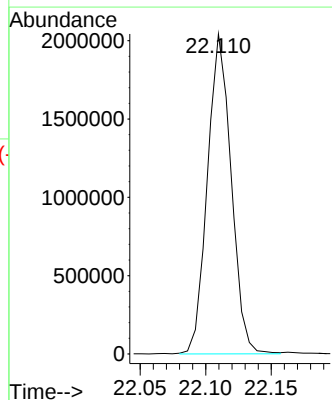
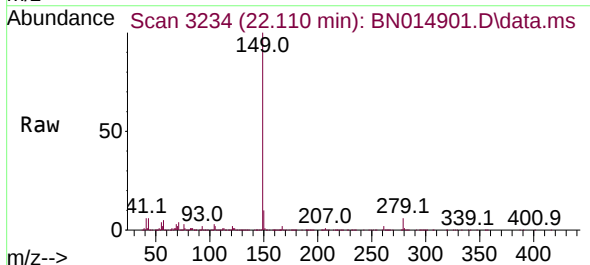
Instrument :
 BNA_N
 ClientSampleId :
 X3553

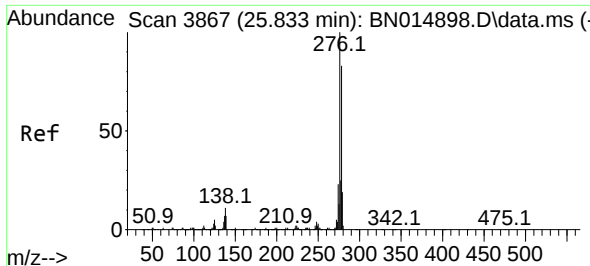
Tgt Ion:149 Resp: 1284107
 Ion Ratio Lower Upper
 149 100
 167 38.4 30.7 46.1
 279 6.5 5.1 7.7



#89
 Di-n-octyl phthalate
 Concen: 61.235 ng/ul
 RT: 22.110 min Scan# 3234
 Delta R.T. 0.006 min
 Lab File: BN014901.D
 Acq: 14 Jun 2021 12:26

Tgt Ion:149 Resp: 2570560



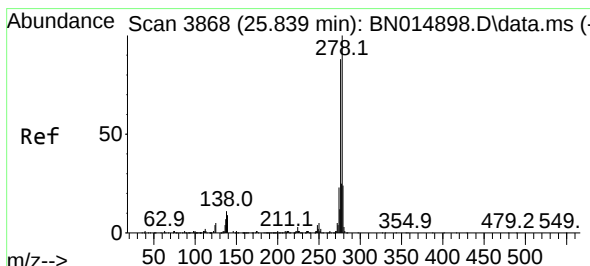
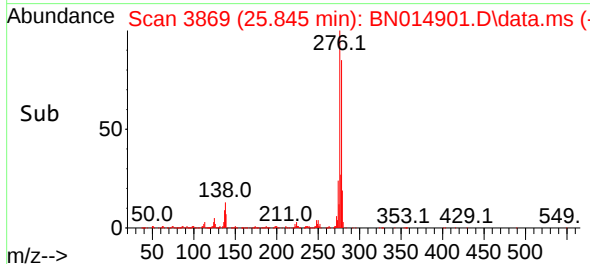
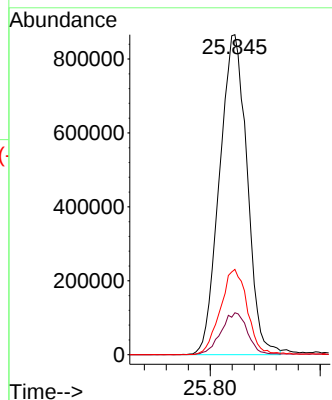
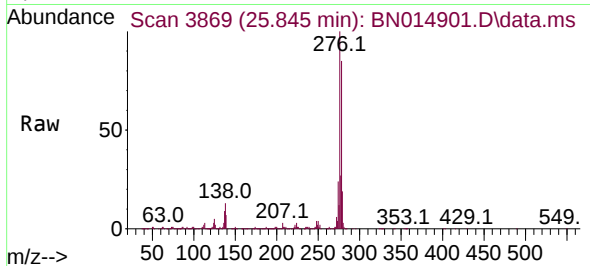


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 55.062 ng/ul
 RT: 25.845 min Scan# 3869
 Delta R.T. 0.012 min
 Lab File: BN014901.D
 Acq: 14 Jun 2021 12:26

Instrument :
 BNA_N
 ClientSampled :
 X3553

Tgt Ion:276 Resp: 3009384

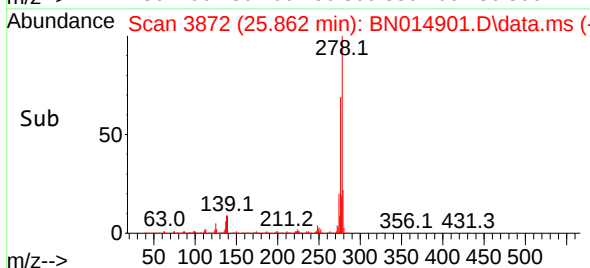
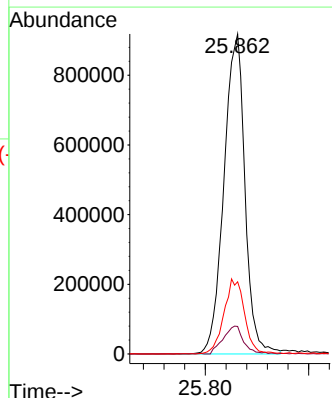
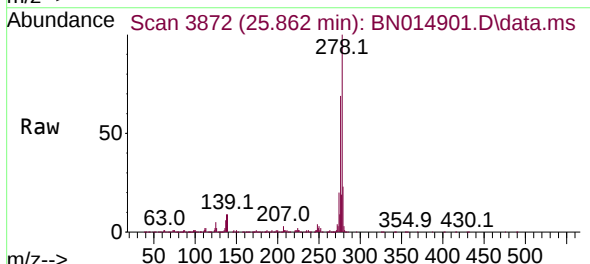
Ion	Ratio	Lower	Upper
276	100		
138	13.1	10.0	15.0
277	26.7	19.5	29.3

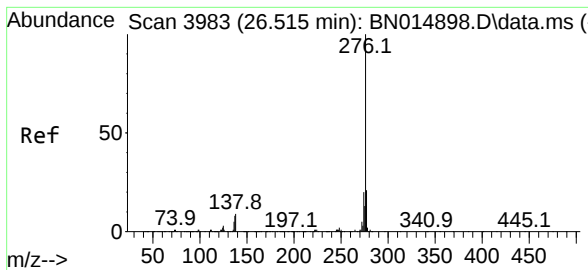


#95
 Dibenzo(a,h)anthracene
 Concen: 57.861 ng/ul
 RT: 25.862 min Scan# 3872
 Delta R.T. 0.023 min
 Lab File: BN014901.D
 Acq: 14 Jun 2021 12:26

Tgt Ion:278 Resp: 2588255

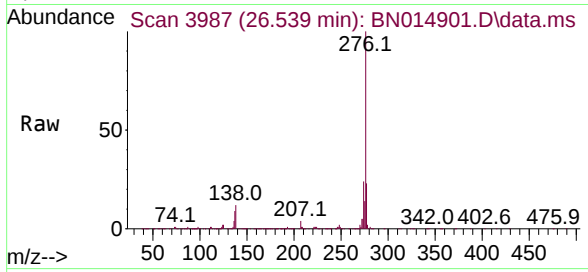
Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.6	11.4
279	22.5	19.0	28.6





#96
 Benzo(g,h,i)perylene
 Concen: 58.285 ng/ul
 RT: 26.539 min Scan# 3987
 Delta R.T. 0.023 min
 Lab File: BN014901.D
 Acq: 14 Jun 2021 12:26

Instrument :
 BNA_N
 ClientSampleId :
 X3553



Tgt Ion:276 Resp: 2797588

Ion	Ratio	Lower	Upper
276	100		
138	12.4	10.2	15.4
277	23.4	15.7	23.5

