

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022521\
 Data File : BM028894.D
 Acq On : 25 Feb 2021 11:34
 Operator : CG/JU
 Sample : M1472-03DL 25X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMPOSITE-01(TP2-TP1)DL

Quant Time: Feb 25 12:09:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 23 16:39:41 2021
 Response via : Initial Calibration

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

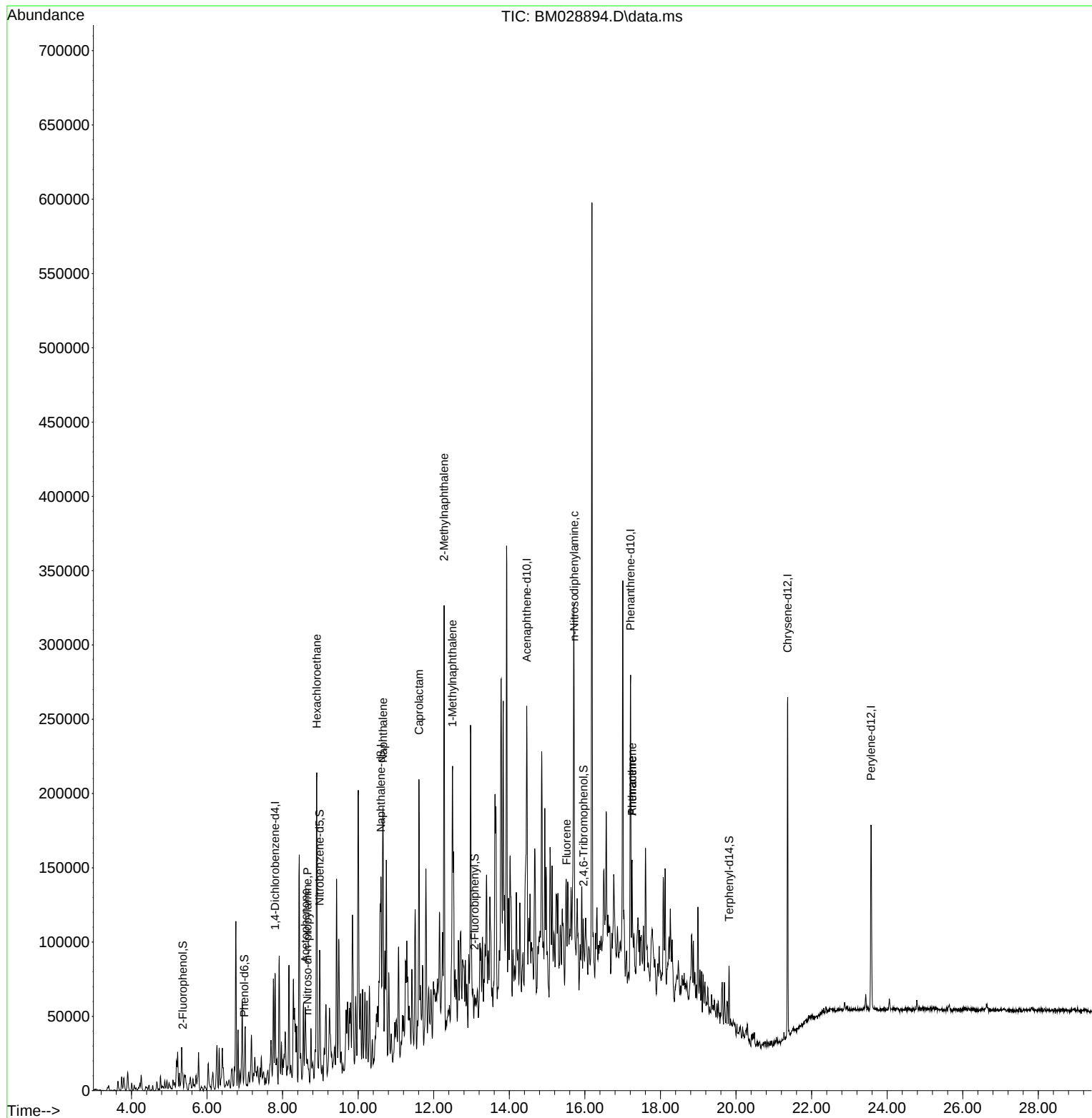
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	20363	20.00	ng	0.00
21) Naphthalene-d8	10.604	136	84103	20.00	ng	#-0.01
39) Acenaphthene-d10	14.463	164	52112	20.00	ng	-0.01
64) Phenanthrene-d10	17.209	188	104632	20.00	ng	0.00
76) Chrysene-d12	21.368	240	97396	20.00	ng	# 0.00
86) Perylene-d12	23.574	264	79101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	4570	3.72	ng	0.00
7) Phenol-d6	6.987	99	5901	3.64	ng	-0.01
23) Nitrobenzene-d5	8.981	82	5963	3.83	ng	-0.01
42) 2,4,6-Tribromophenol	15.962	330	2146	3.47	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	8224	2.10	ng	0.00
79) Terphenyl-d14	19.815	244	11763	2.23	ng	-0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	8.904	117	16628	28.35	ng	# 1
19) n-Nitroso-di-n-propyla...	8.657	70	2255	2.36	ng	# 84
22) Acetophenone	8.598	105	29244	14.26	ng	# 62
31) Naphthalene	10.657	128	89800	19.37	ng	99
35) Caprolactam	11.610	113	6635	17.65	ng	# 1
37) 2-Methylnaphthalene	12.274	142	129576	39.72	ng	96
38) 1-Methylnaphthalene	12.492	142	74022	23.95	ng	100
58) Fluorene	15.515	166	12784	3.16	ng	# 93
66) n-Nitrosodiphenylamine	15.715	169	15876	4.44	ng	# 52
71) Phenanthrene	17.251	178	34819	5.59	ng	# 97
72) Anthracene	17.251	178	34819	5.64	ng	97

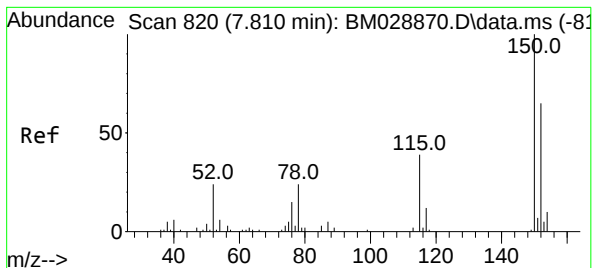
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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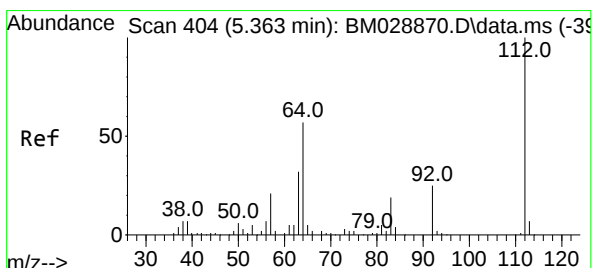
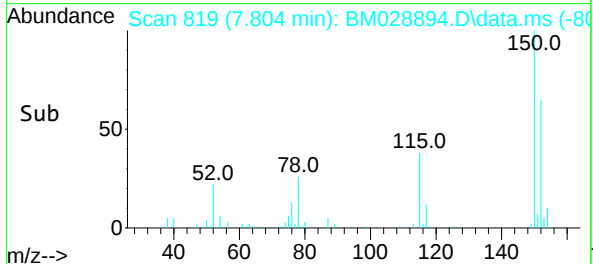
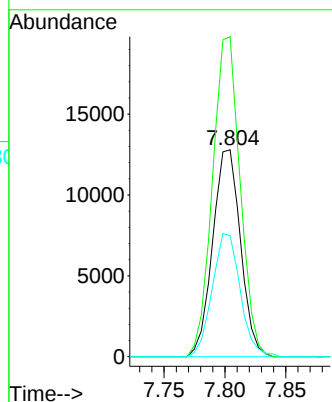
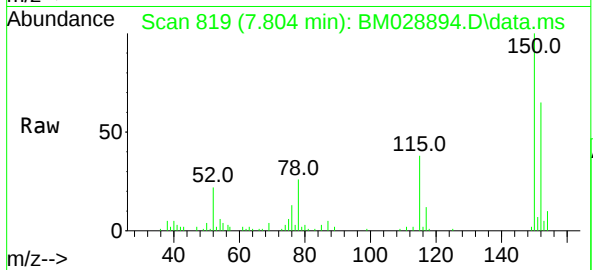




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

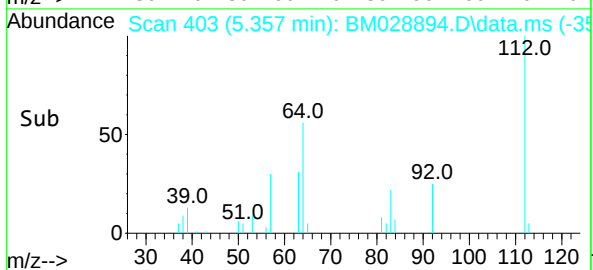
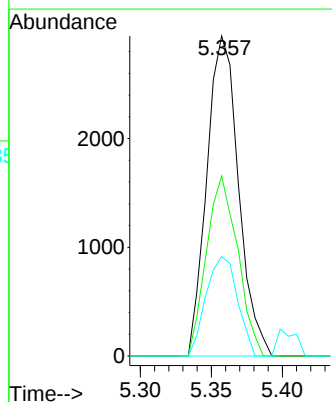
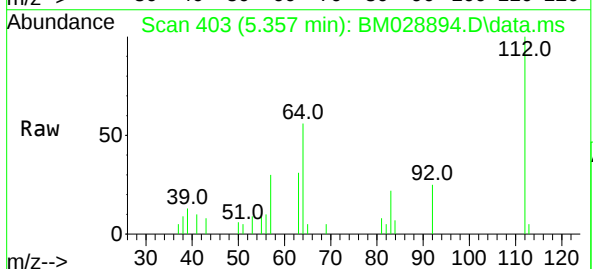
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)DL

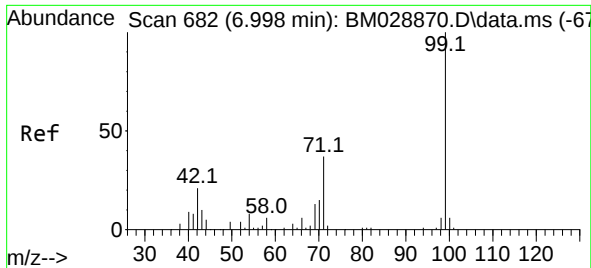
Tgt Ion:152 Resp: 20363
Ion Ratio Lower Upper
152 100
150 154.7 120.6 181.0
115 58.5 47.2 70.8



#5
2-Fluorophenol
Concen: 3.72 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

Tgt Ion:112 Resp: 4570
Ion Ratio Lower Upper
112 100
64 56.3 50.6 76.0
63 31.0 31.0 46.6

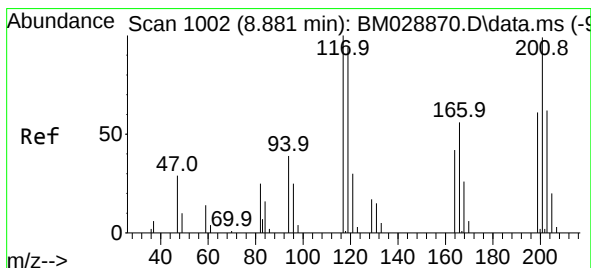
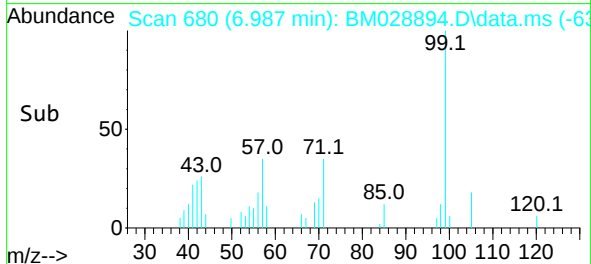
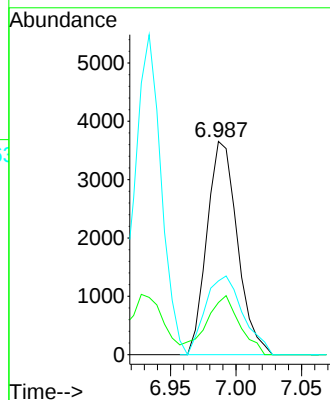
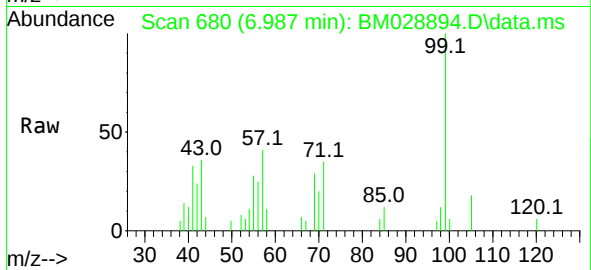




#7
Phenol-d6
Concen: 3.64 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.012 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

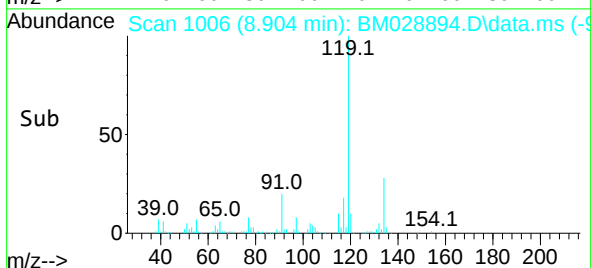
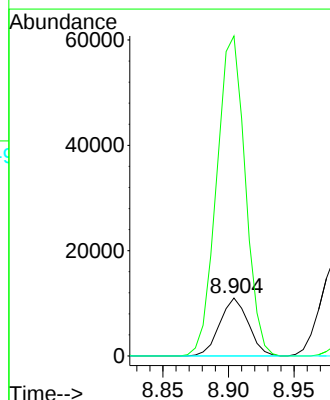
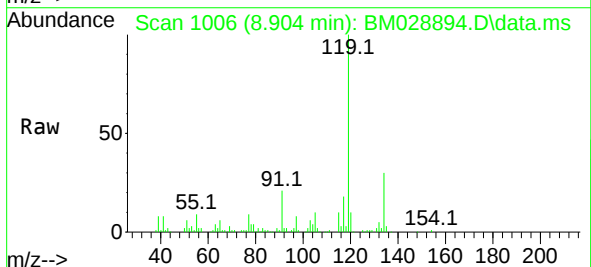
Instrument :
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COMPOSITE-01(TP2-TP1)DL

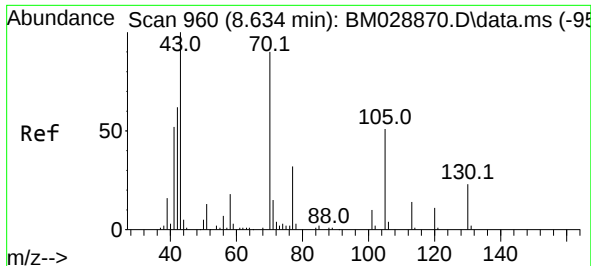
Tgt Ion:	99	Resp:	5901
Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	34.6	39.4	59.0#



#18
Hexachloroethane
Concen: 28.35 ng
RT: 8.904 min Scan# 1006
Delta R.T. 0.023 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

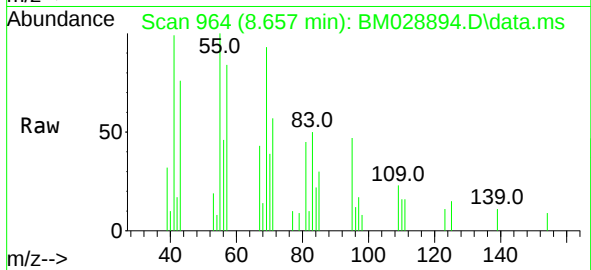
Tgt Ion:	117	Resp:	16628
Ion	Ratio	Lower	Upper
117	100		
119	553.0	73.1	109.7#
201	0.0	88.7	133.1#



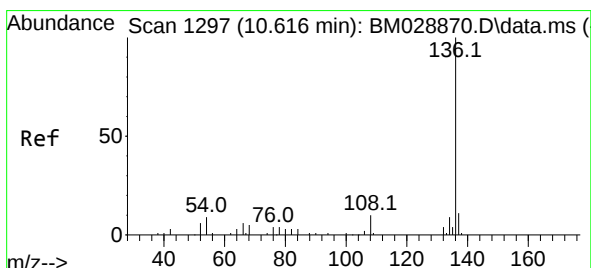
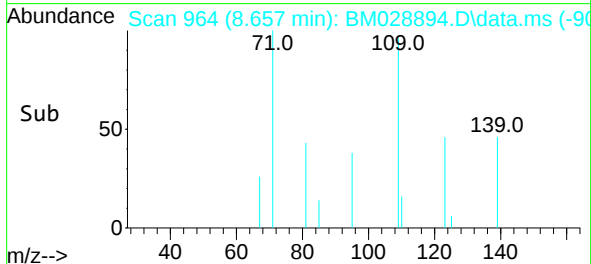
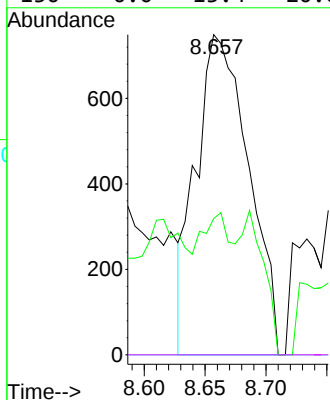


#19
n-Nitroso-di-n-propylamine
Concen: 2.36 ng
RT: 8.657 min Scan# 964
Delta R.T. 0.023 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)DL

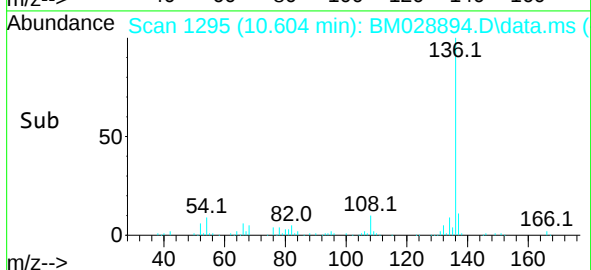
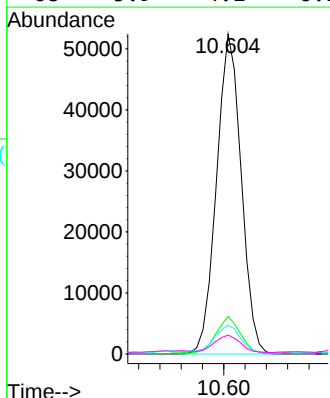
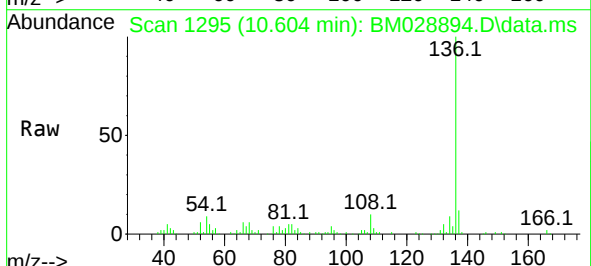


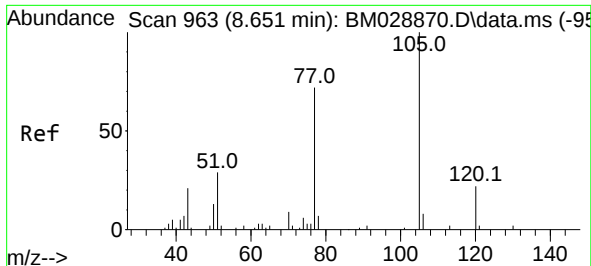
Tgt Ion: 70	Resp: 2255
Ion Ratio	Lower Upper
70	100
42	42.6 31.9 47.9
101	0.0 7.0 10.4#
130	0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

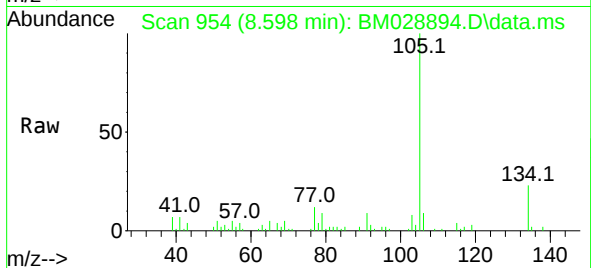
Tgt Ion: 136	Resp: 84103
Ion Ratio	Lower Upper
136	100
137	11.8 8.6 12.8
54	9.0 4.6 7.0#
68	5.9 4.1 6.1



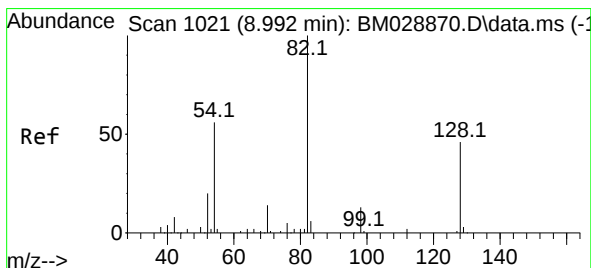
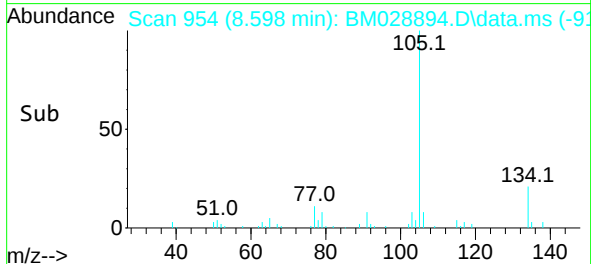
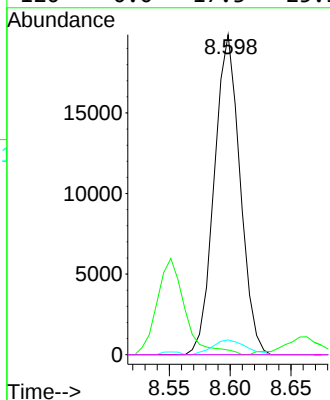


#22
Acetophenone
Concen: 14.26 ng
RT: 8.598 min Scan# 954
Delta R.T. -0.053 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

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BNA_M
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COMPOSITE-01(TP2-TP1)DL

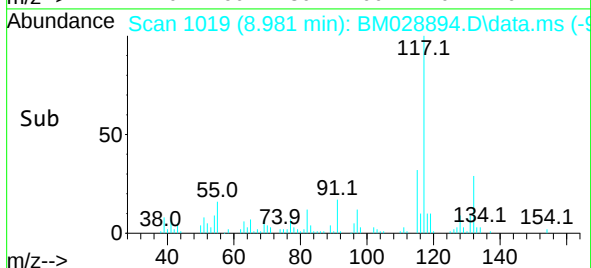
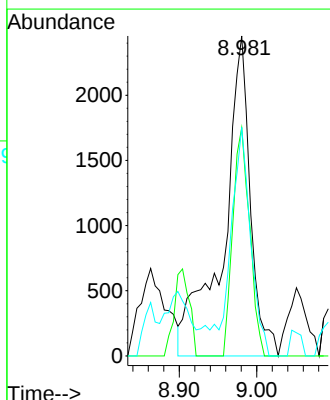
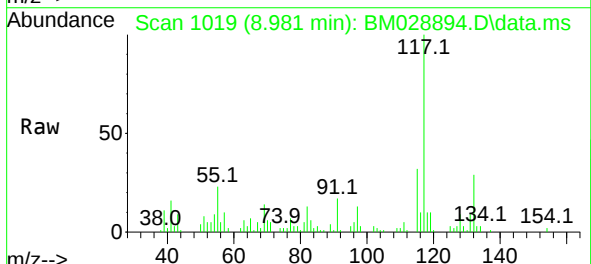


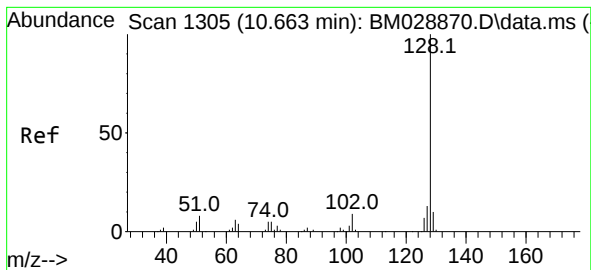
Tgt Ion:	105	Resp:	29244
Ion Ratio	Lower	Upper	
105	100		
71	1.4	7.6	11.4#
51	4.6	18.6	28.0#
120	0.0	17.3	25.9#



#23
Nitrobenzene-d5
Concen: 3.83 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

Tgt Ion:	82	Resp:	5963
Ion Ratio	Lower	Upper	
82	100		
128	71.3	27.4	41.0#
54	71.4	31.4	47.0#

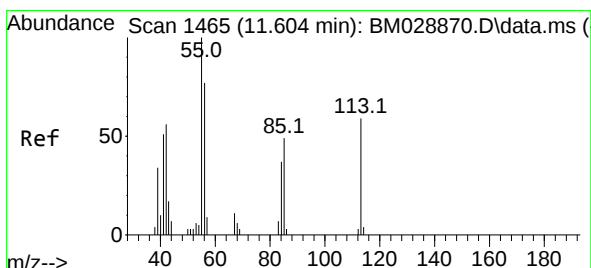
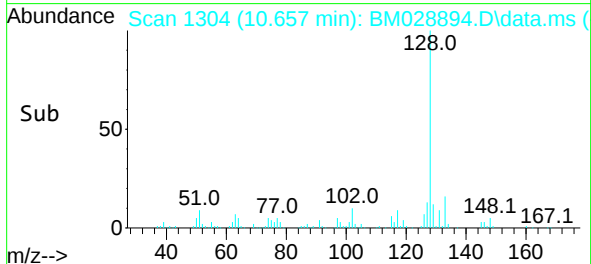
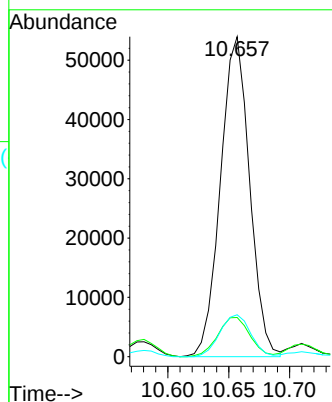
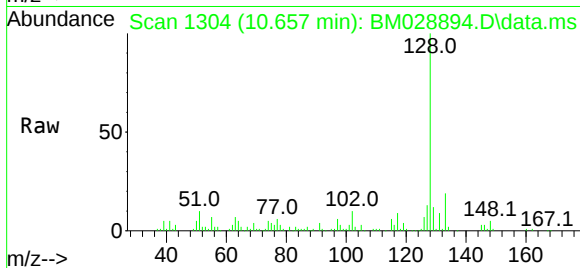




#31
Naphthalene
Concen: 19.37 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

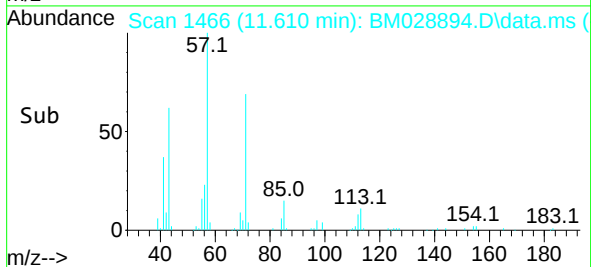
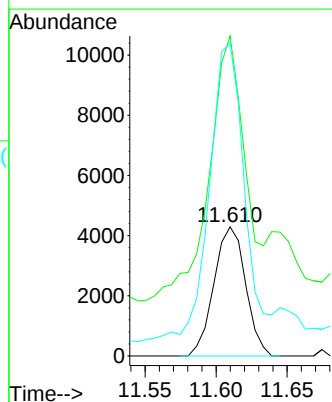
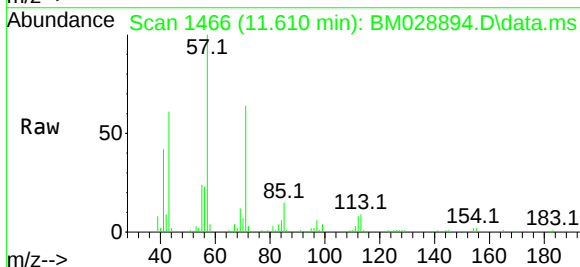
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)DL

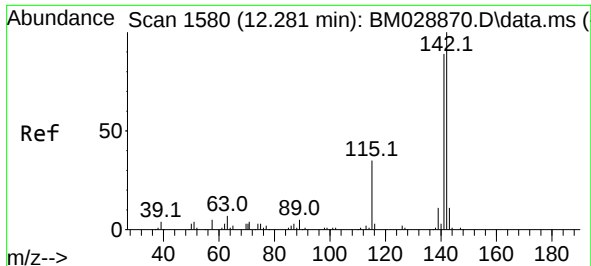
Tgt Ion:128 Resp: 89800
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.4
127 13.1 10.6 15.8



#35
Caprolactam
Concen: 17.65 ng
RT: 11.610 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

Tgt Ion:113 Resp: 6635
Ion Ratio Lower Upper
113 100
55 247.7 103.2 143.2#
56 242.4 84.2 124.2#

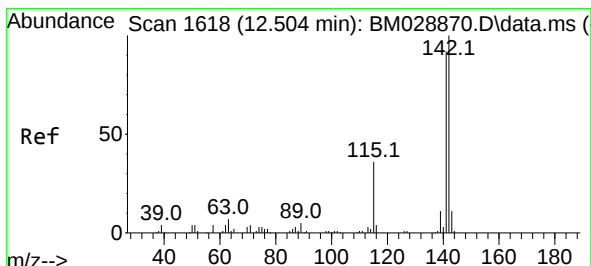
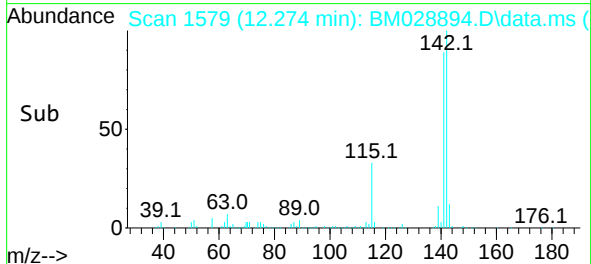
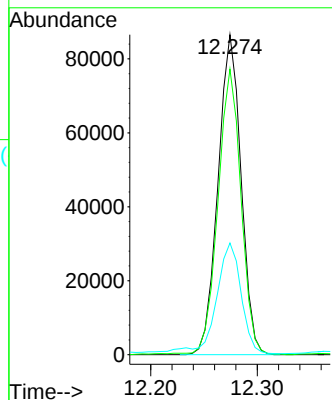
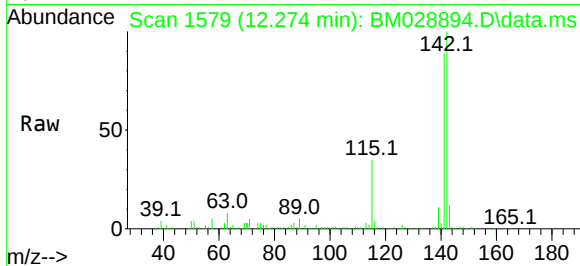




#37
2-Methylnaphthalene
Concen: 39.72 ng
RT: 12.274 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

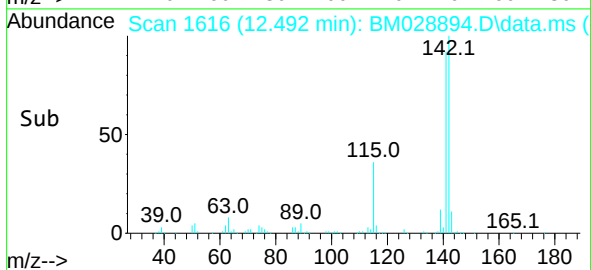
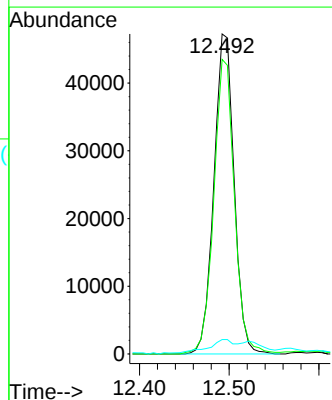
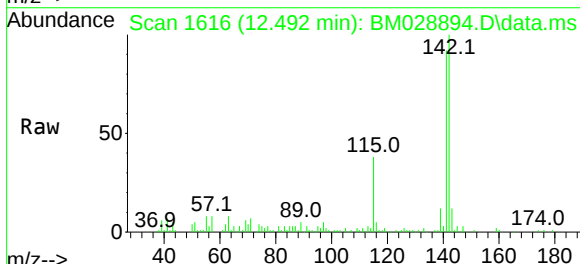
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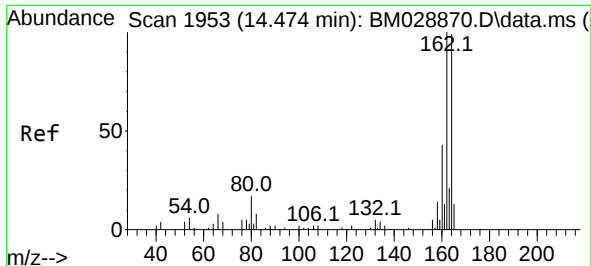
Tgt Ion:142 Resp: 129576
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 34.9 32.2 48.4



#38
1-Methylnaphthalene
Concen: 23.95 ng
RT: 12.492 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

Tgt Ion:142 Resp: 74022
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6
116 4.5 3.5 5.3

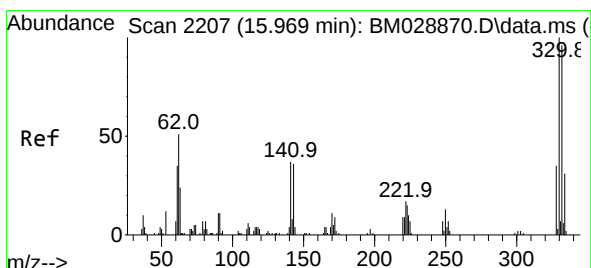
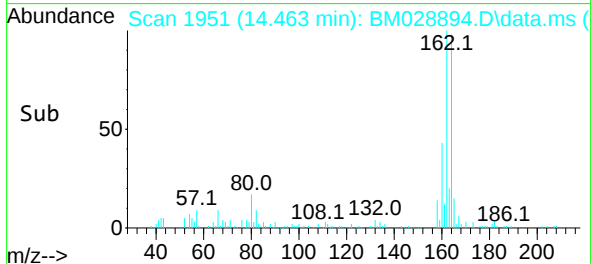
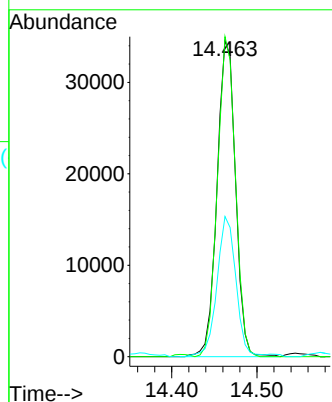
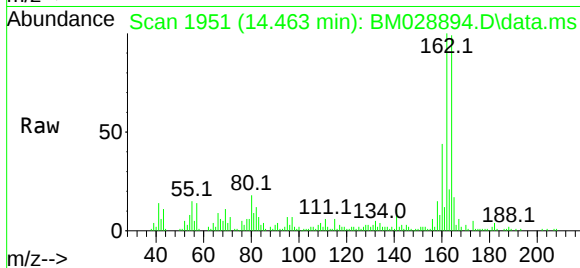




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

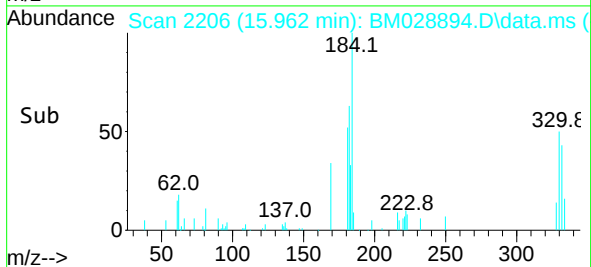
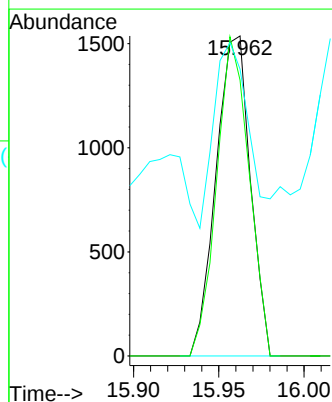
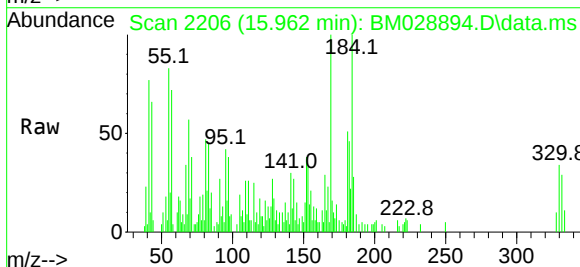
Instrument :
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ClientSampleId :
COMPOSITE-01(TP2-TP1)DL

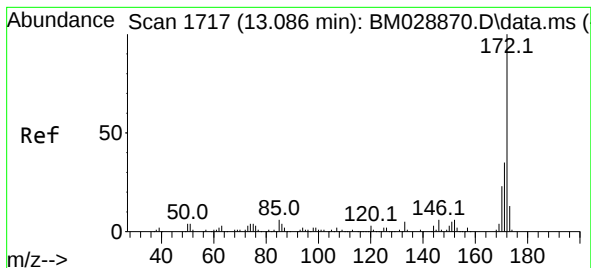
Tgt Ion:164 Resp: 52112
Ion Ratio Lower Upper
164 100
162 101.2 80.4 120.6
160 44.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 3.47 ng
RT: 15.962 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

Tgt Ion:330 Resp: 2146
Ion Ratio Lower Upper
330 100
332 94.1 77.8 116.8
141 58.8 28.4 42.6#

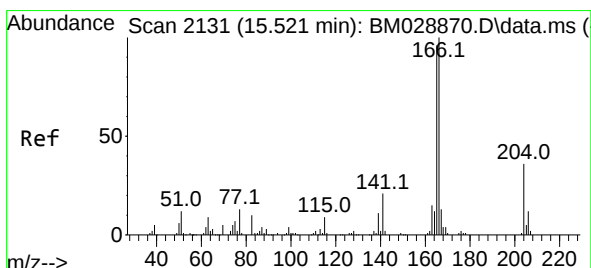
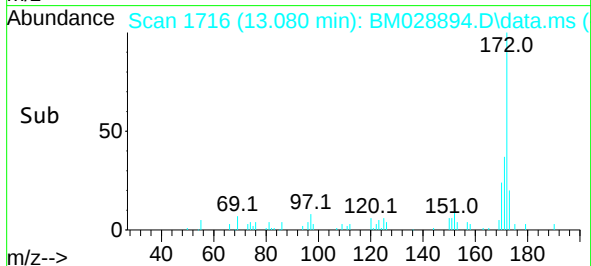
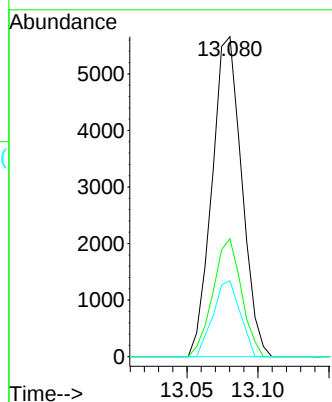
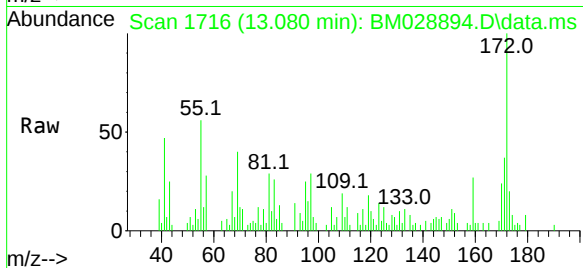




#45
2-Fluorobiphenyl
Concen: 2.10 ng
RT: 13.080 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

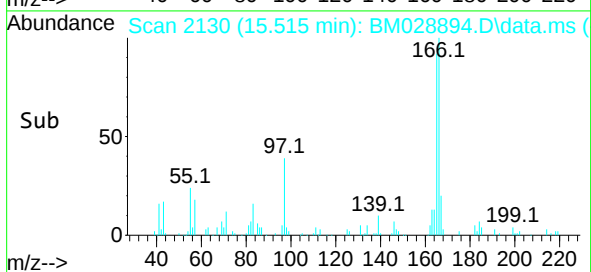
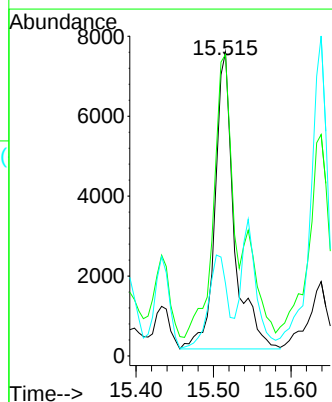
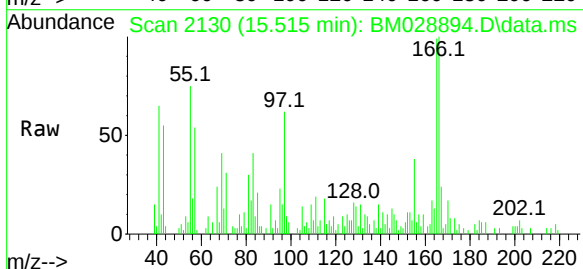
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)DL

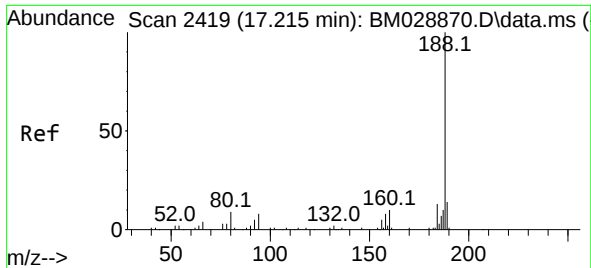
Tgt Ion:172	Resp:	8224	
Ion Ratio	Lower	Upper	
172	100		
171	36.9	27.8	41.8
170	23.7	18.6	27.8



#58
Fluorene
Concen: 3.16 ng
RT: 15.515 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

Tgt Ion:166	Resp:	12784	
Ion	Ratio	Lower	Upper
166	100		
165	99.2	76.2	114.2
167	23.9	10.7	16.1#

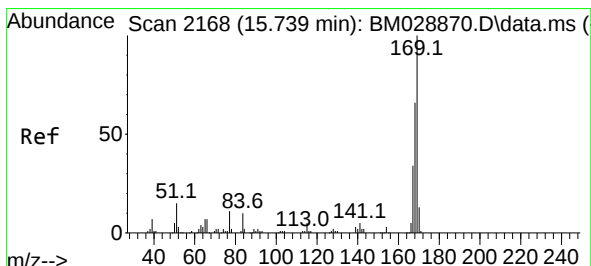
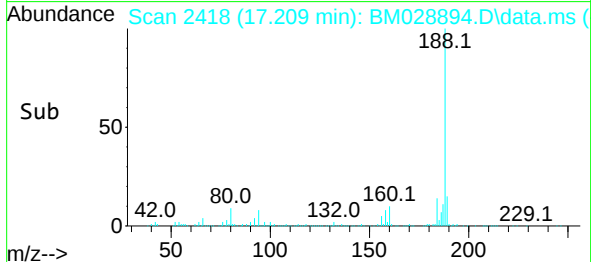
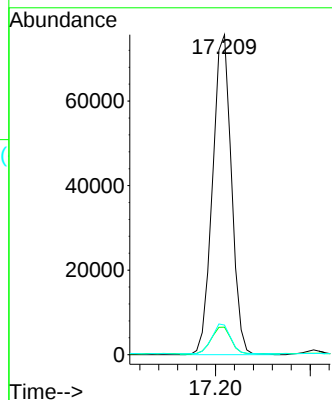
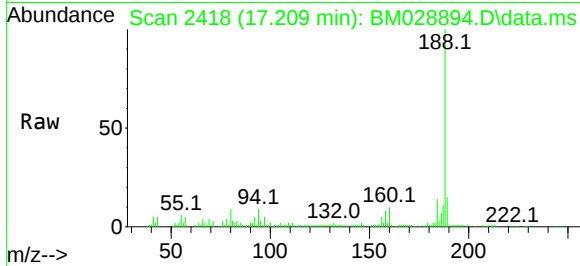




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

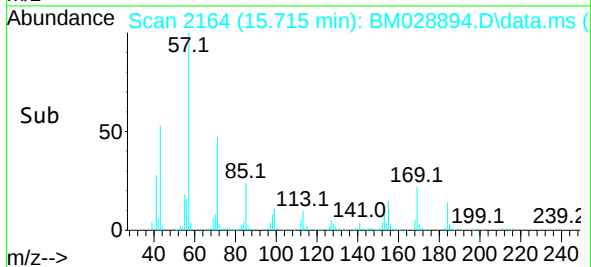
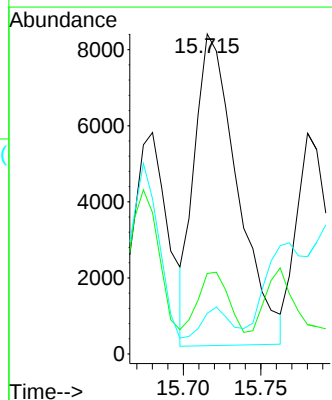
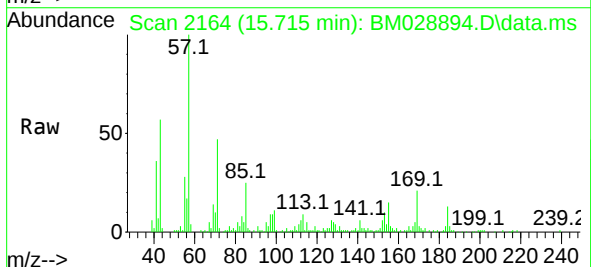
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)DL

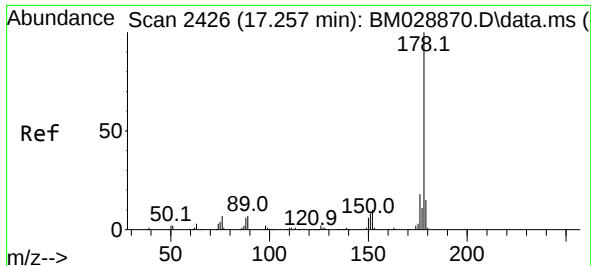
Tgt Ion:188 Resp: 104632
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.4
80 9.2 7.5 11.3



#66
n-Nitrosodiphenylamine
Concen: 4.44 ng
RT: 15.715 min Scan# 2164
Delta R.T. -0.024 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

Tgt Ion:169 Resp: 15876
Ion Ratio Lower Upper
169 100
168 25.2 53.8 80.8#
167 12.7 29.0 43.4#

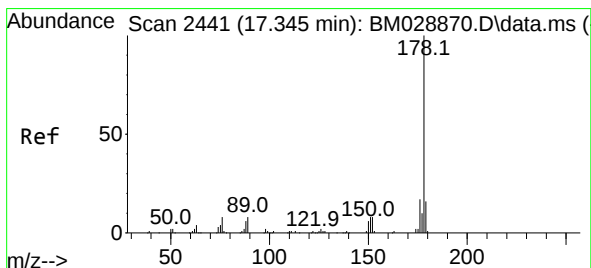
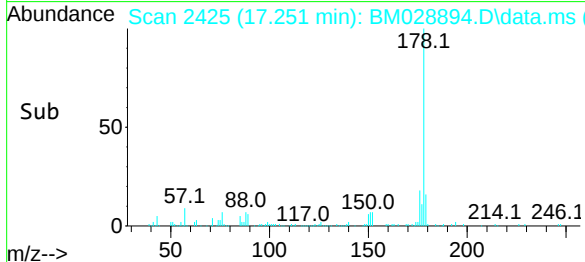
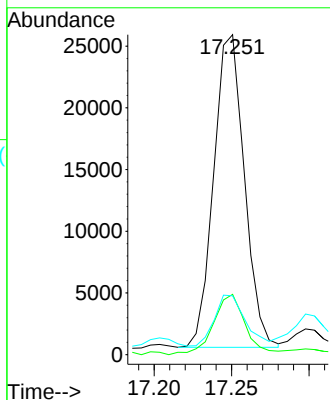
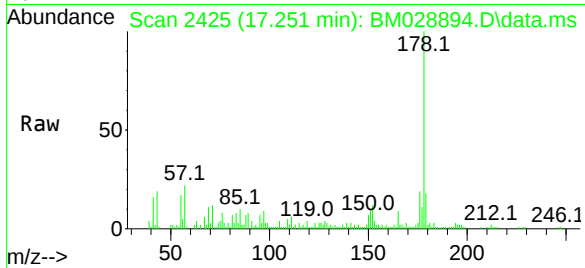




#71
Phenanthrene
Concen: 5.59 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

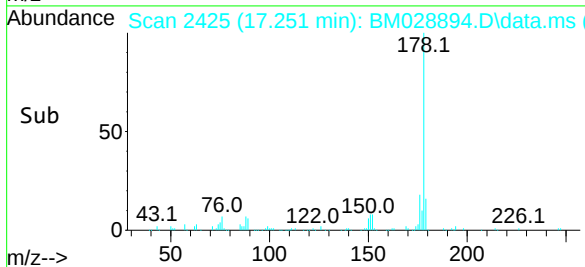
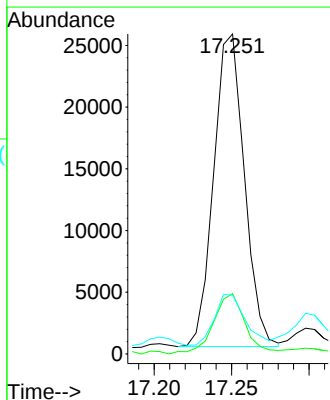
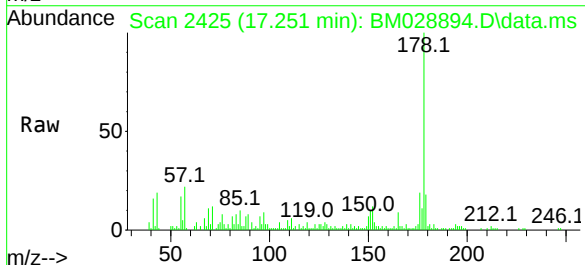
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)DL

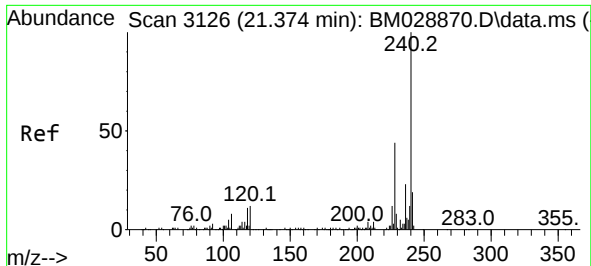
Tgt Ion:178 Resp: 34819
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 18.4 12.2 18.4#



#72
Anthracene
Concen: 5.64 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.094 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

Tgt Ion:178 Resp: 34819
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 18.4 12.5 18.7

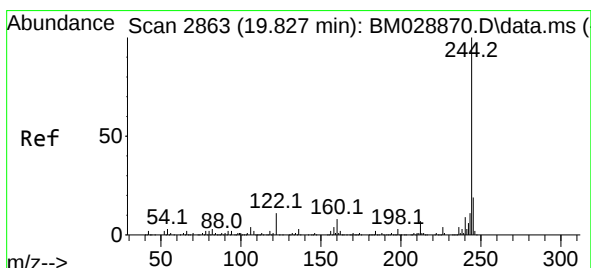
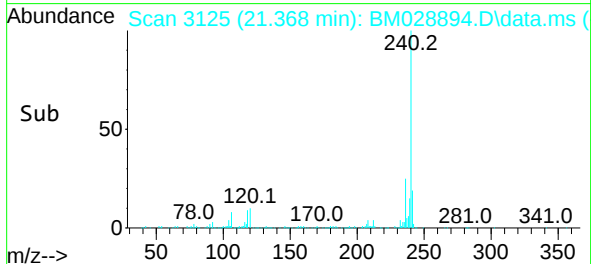
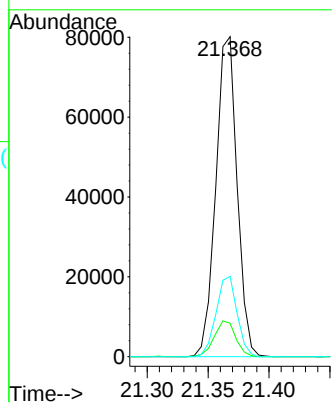
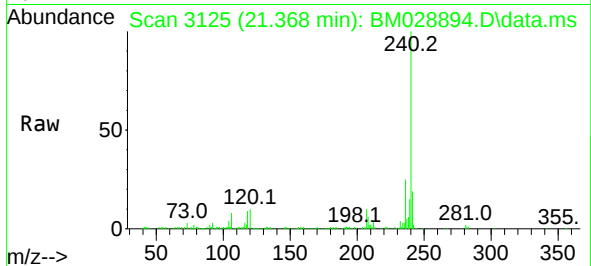




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

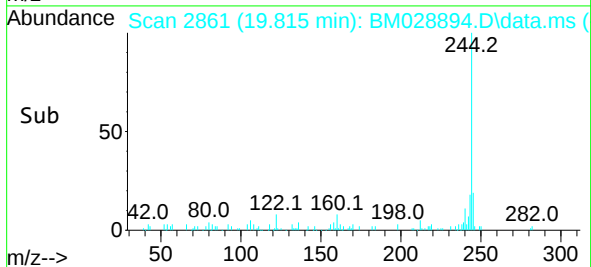
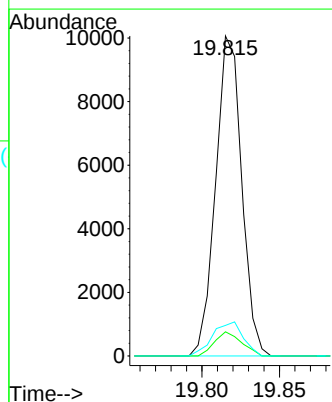
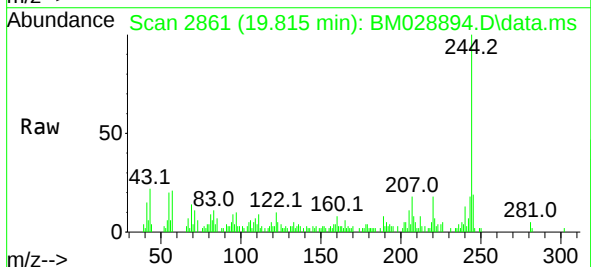
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)DL

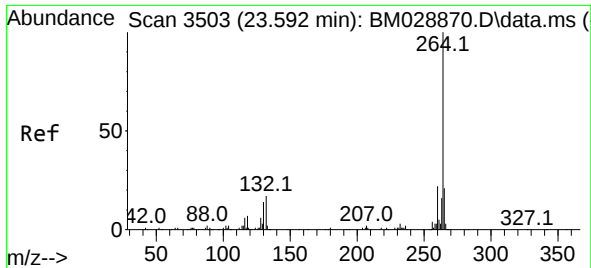
Tgt Ion:240 Resp: 97396
Ion Ratio Lower Upper
240 100
120 10.4 6.4 9.6#
236 25.1 20.1 30.1



#79
Terphenyl-d14
Concen: 2.23 ng
RT: 19.815 min Scan# 2861
Delta R.T. -0.012 min
Lab File: BM028894.D
Acq: 25 Feb 2021 11:34

Tgt Ion:244 Resp: 11763
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.5 6.5 9.7





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.574 min Scan# 3500
 Delta R.T. -0.018 min
 Lab File: BM028894.D
 Acq: 25 Feb 2021 11:34

Instrument :
 BNA_M
 ClientSampleId :
 COMPOSITE-01(TP2-TP1)DL

Tgt Ion:264	Resp:	79101
Ion Ratio	Lower	Upper
264	100	
260	22.2	19.0 28.4
265	21.2	17.7 26.5

