

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016387.D
 Acq On : 21 Sep 2021 21:33
 Operator : CG/JU
 Sample : M3835-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.0)

Quant Time: Sep 22 04:33:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 13:21:55 2021
 Response via : Initial Calibration

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

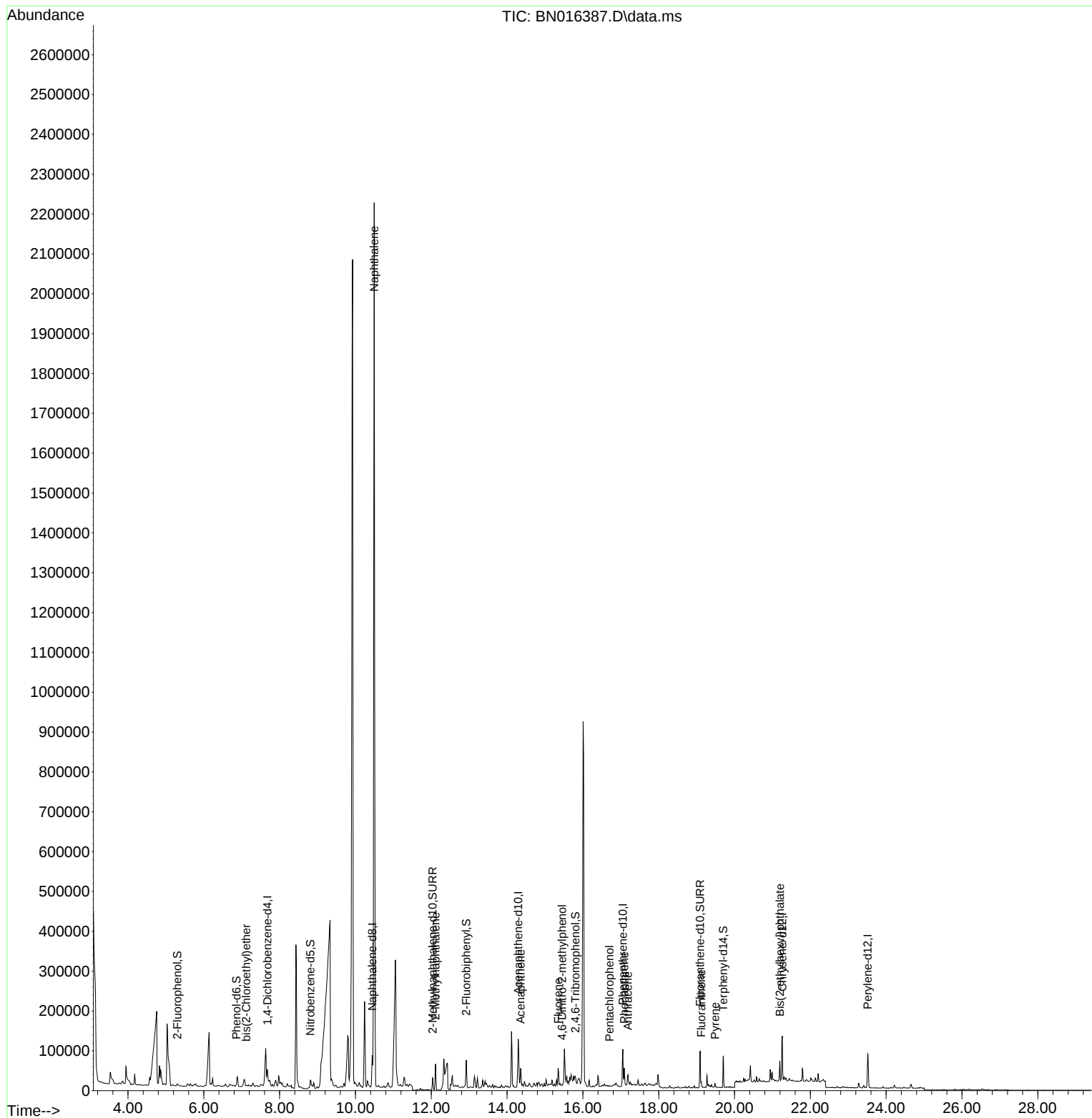
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	23324	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	103246	0.400	ng	# 0.00
13) Acenaphthene-d10	14.294	164	61948	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	120257	0.400	ng	0.00
29) Chrysene-d12	21.259	240	114789	0.400	ng	0.00
35) Perylene-d12	23.515	264	112008	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6057	0.103	ng	0.02
5) Phenol-d6	6.859	99	4262	0.060	ng	0.00
8) Nitrobenzene-d5	8.810	82	17973	0.293	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	40942	0.252	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6824	0.375	ng	0.01
15) 2-Fluorobiphenyl	12.924	172	53490	0.221	ng	0.00
27) Fluoranthene-d10	19.093	212	101414	0.291	ng	0.00
31) Terphenyl-d14	19.703	244	79067	0.297	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.117	93	4089	0.065	ng	# 19
9) Naphthalene	10.495	128	2847380	10.236	ng	100
12) 2-Methylnaphthalene	12.114	142	46874	0.254	ng	98
17) Acenaphthene	14.357	154	22015	0.123	ng	97
18) Fluorene	15.347	166	34539	0.156	ng	97
20) 4,6-Dinitro-2-methylph...	15.449	198	210	0.182	ng	# 1
24) Pentachlorophenol	16.701	266	624	0.028	ng	96
25) Phenanthrene	17.090	178	46232	0.136	ng	# 89
26) Anthracene	17.188	178	31550	0.096	ng	98
28) Fluoranthene	19.122	202	11843	0.030	ng	# 89
30) Pyrene	19.485	202	9346	0.026	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.195	149	43365	0.218	ng	100

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

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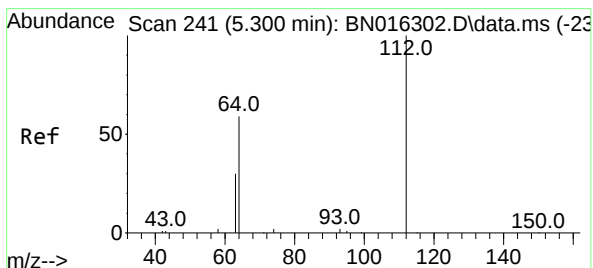
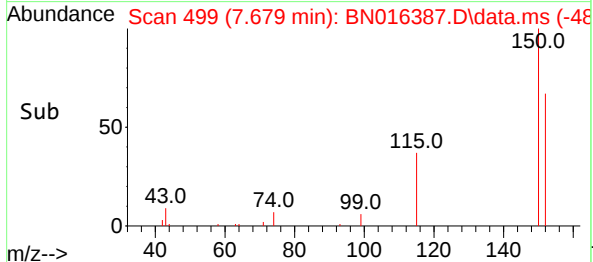
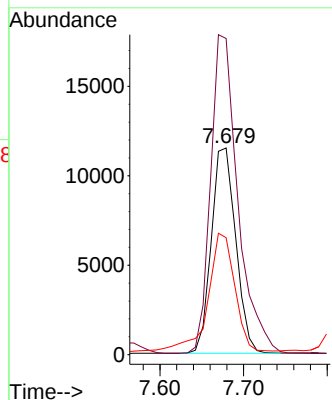
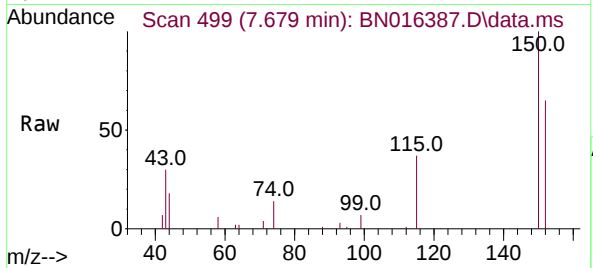




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. 0.009 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

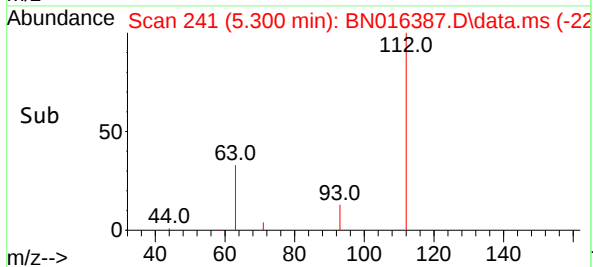
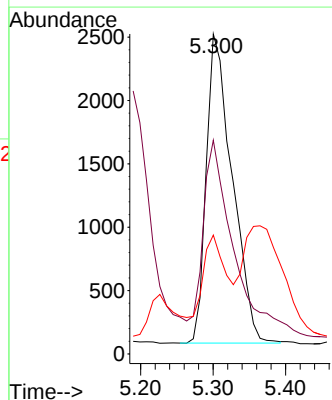
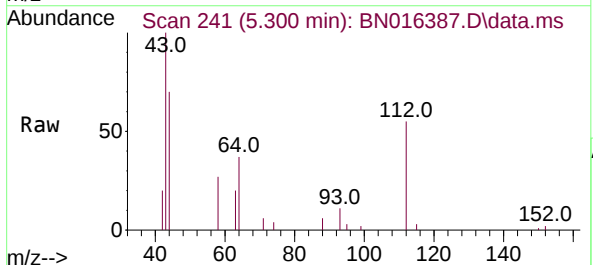
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

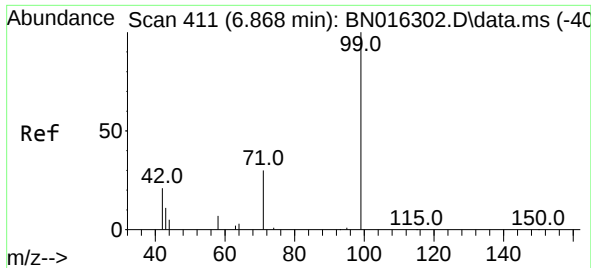
Tgt Ion:152 Resp: 23324
Ion Ratio Lower Upper
152 100
150 152.9 125.6 188.4
115 56.6 50.2 75.2



#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:112 Resp: 6057
Ion Ratio Lower Upper
112 100
64 61.4 47.3 70.9
63 22.3 23.4 35.0#

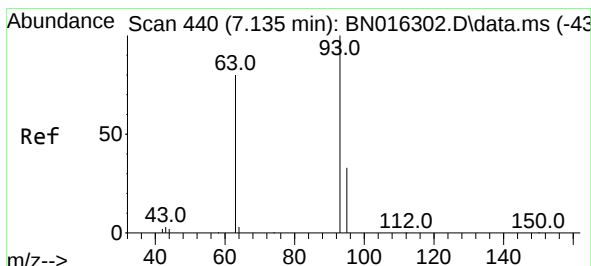
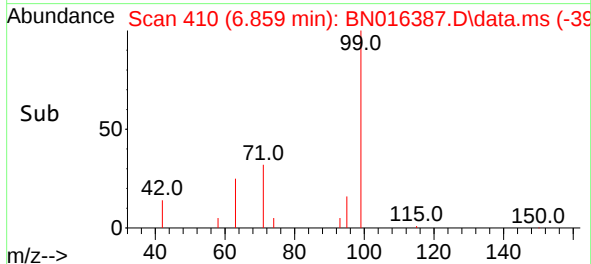
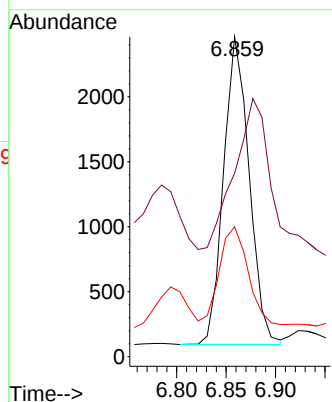
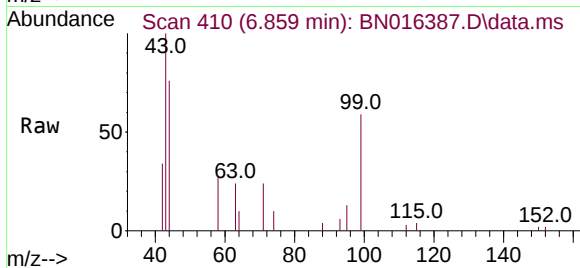




#5
Phenol-d6
Concen: 0.060 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

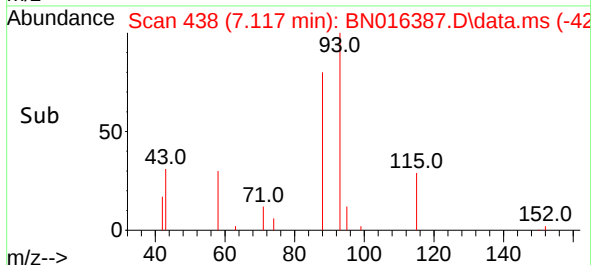
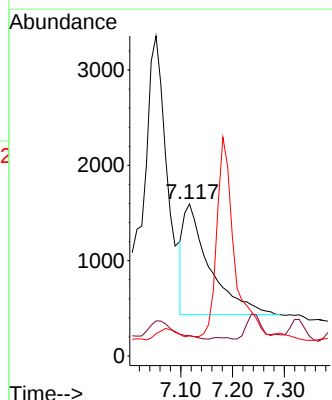
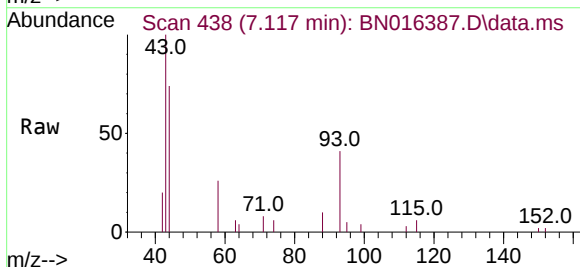
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

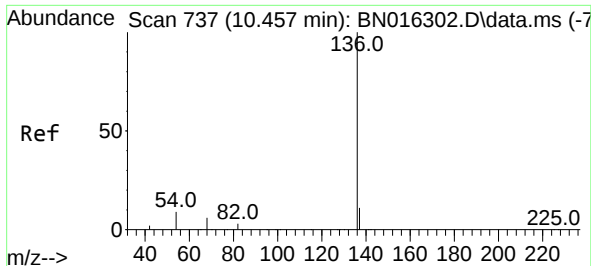
Tgt Ion: 99 Resp: 4262
Ion Ratio Lower Upper
99 100
42 66.7 14.0 21.0#
71 34.8 23.8 35.6



#6
bis(2-Chloroethyl)ether
Concen: 0.065 ng
RT: 7.117 min Scan# 438
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion: 93 Resp: 4089
Ion Ratio Lower Upper
93 100
63 0.0 63.4 95.0#
95 0.0 26.8 40.2#

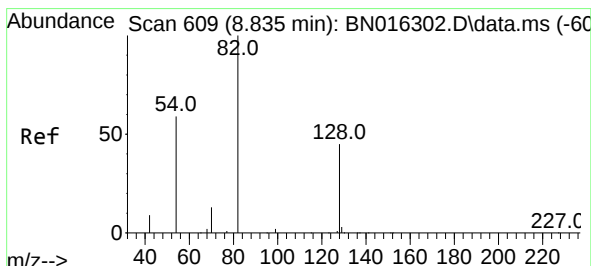
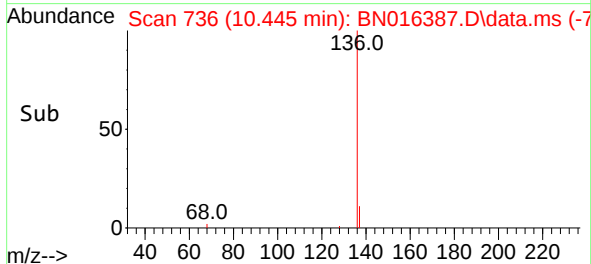
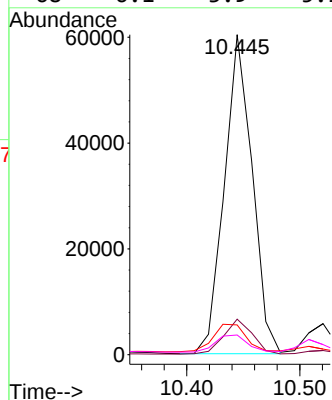
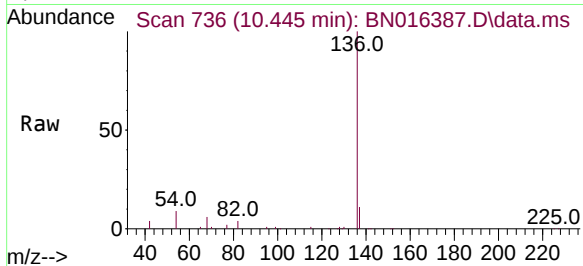




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

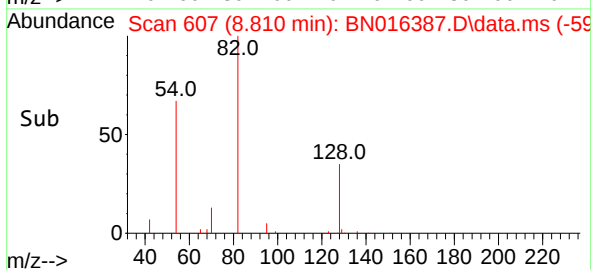
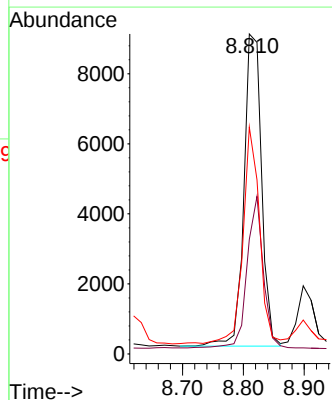
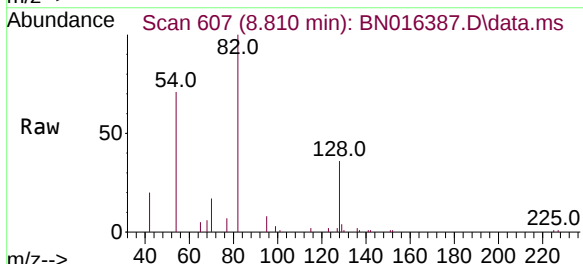
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

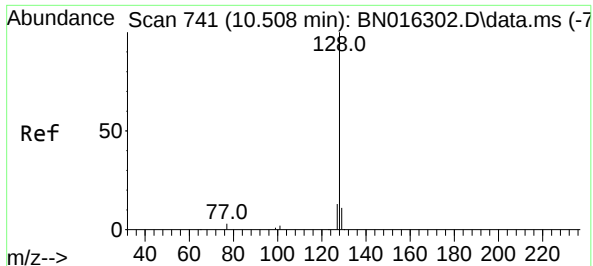
Tgt Ion:136	Resp:	103246
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.3	5.3 7.9#
68	6.1	3.9 5.9#



#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion: 82	Resp:	17973
Ion Ratio	Lower	Upper
82	100	
128	35.8	31.7 47.5
54	70.9	46.4 69.6#

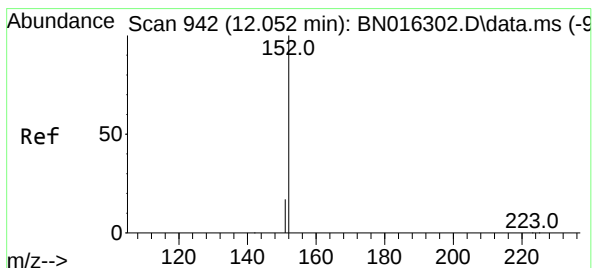
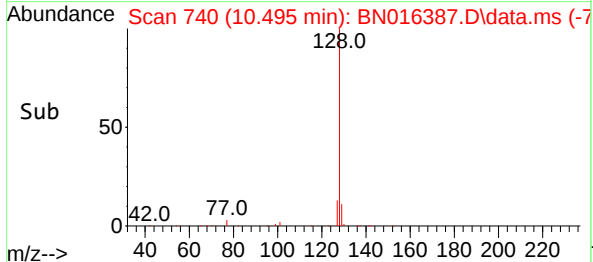
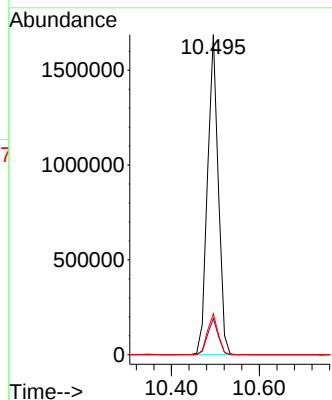
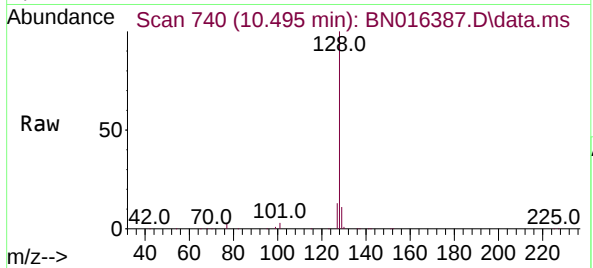




#9
Naphthalene
Concen: 10.236 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

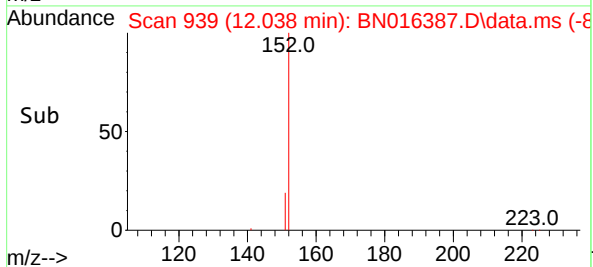
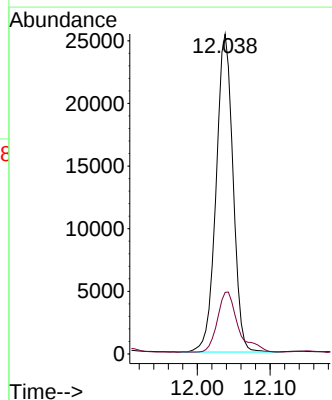
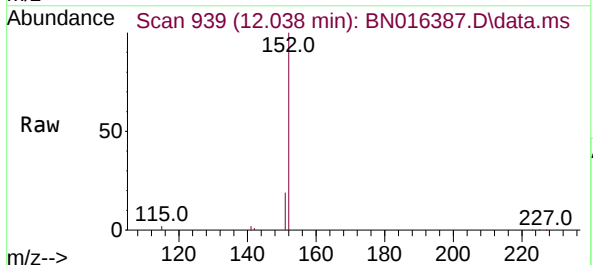
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

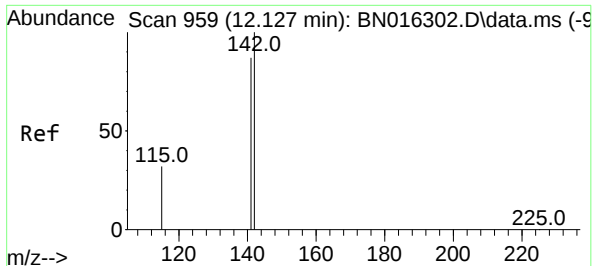
Tgt Ion:128 Resp: 2847380
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.8 10.1 15.1



#11
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:152 Resp: 40942
Ion Ratio Lower Upper
152 100
151 23.1 16.1 24.1

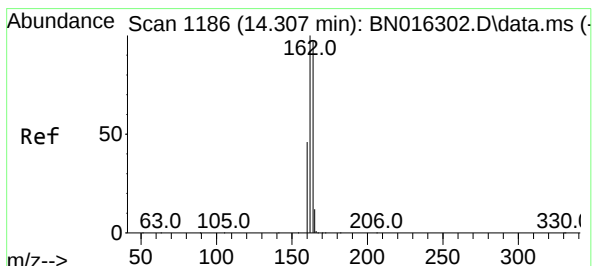
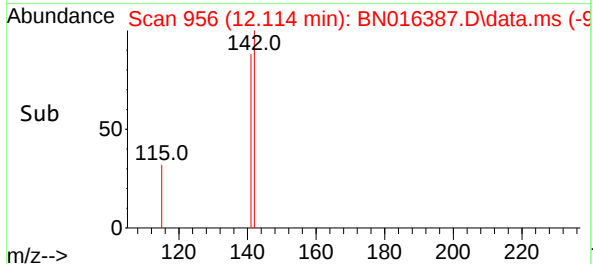
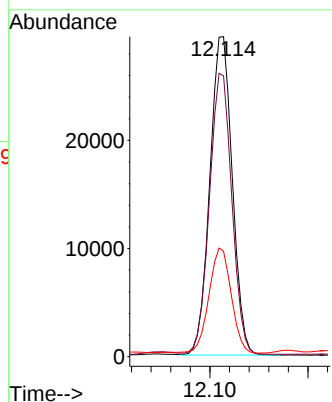
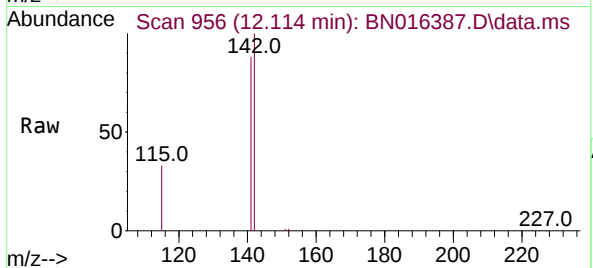




#12
2-Methylnaphthalene
Concen: 0.254 ng
RT: 12.114 min Scan# 956
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

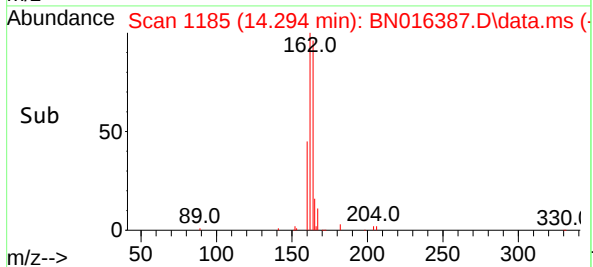
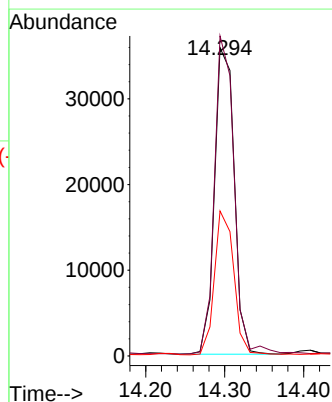
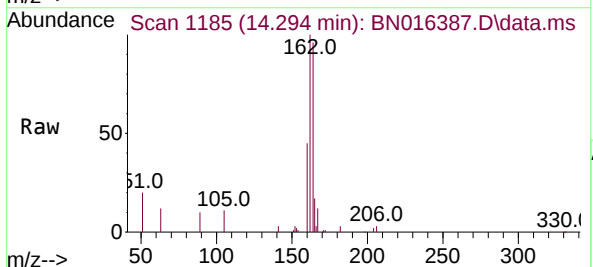
Instrument :
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ClientSampleId :
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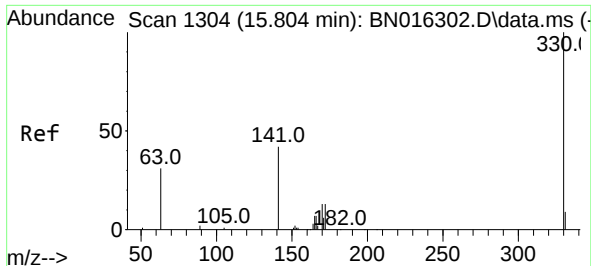
Tgt Ion:142 Resp: 46874
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.8
115 32.9 24.4 36.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:164 Resp: 61948
Ion Ratio Lower Upper
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162 103.8 79.0 118.4
160 47.0 34.1 51.1

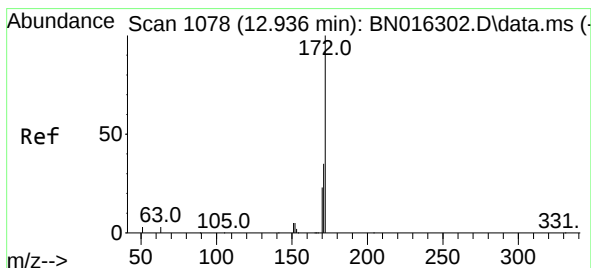
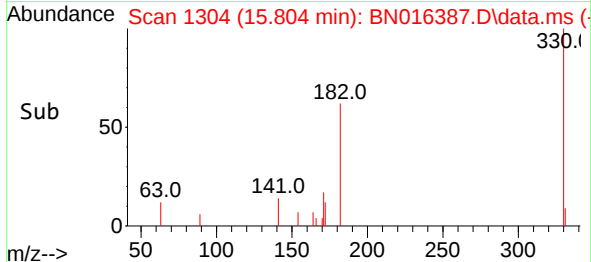
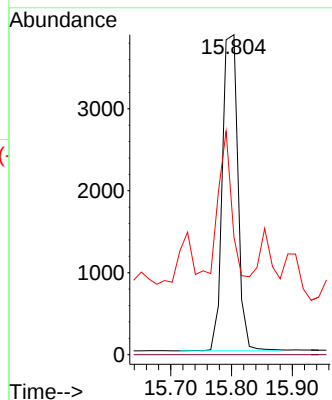
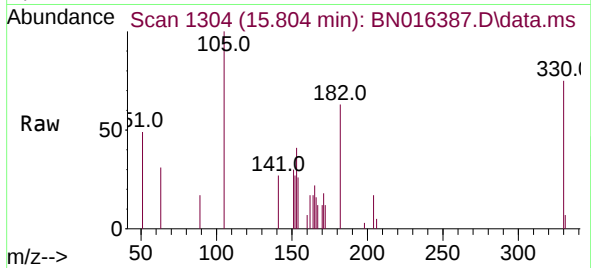




#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.013 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

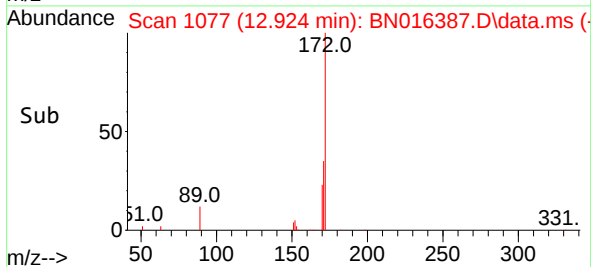
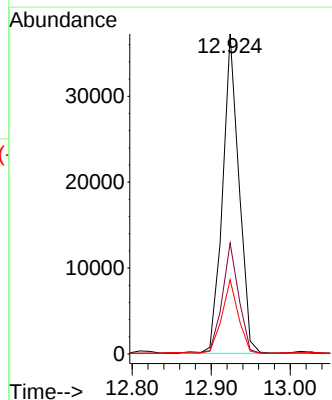
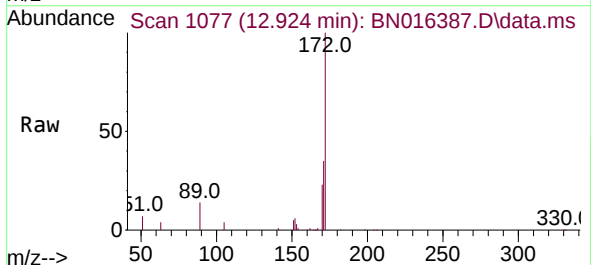
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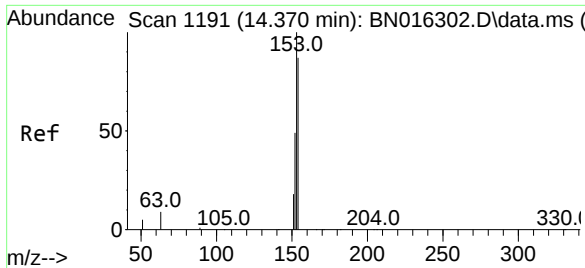
Tgt Ion: 330 Resp: 6824
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.4 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.221 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion: 172 Resp: 53490
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.2 27.2

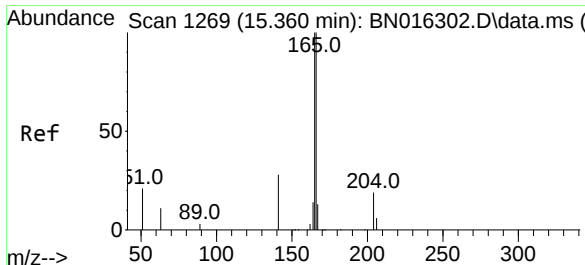
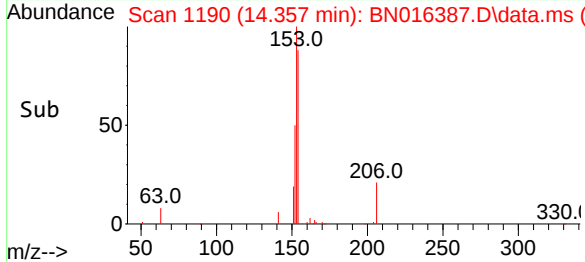
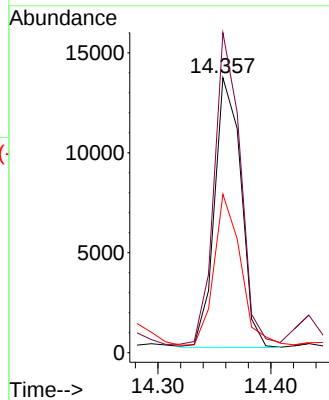
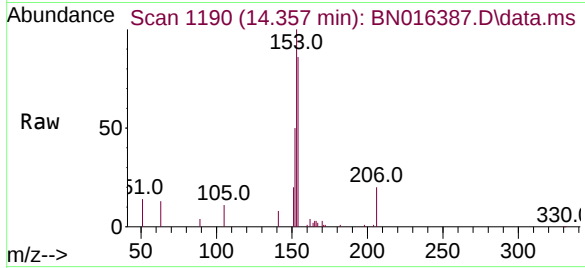




#17
Acenaphthene
Concen: 0.123 ng
RT: 14.357 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

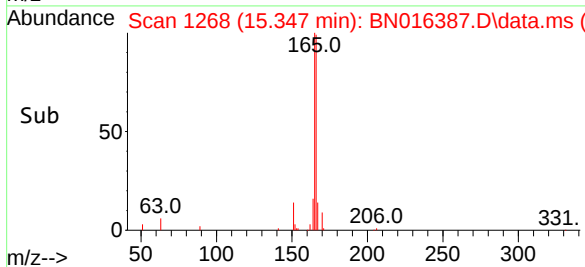
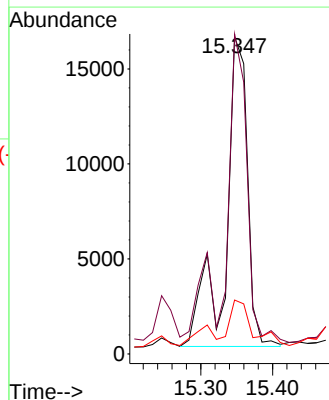
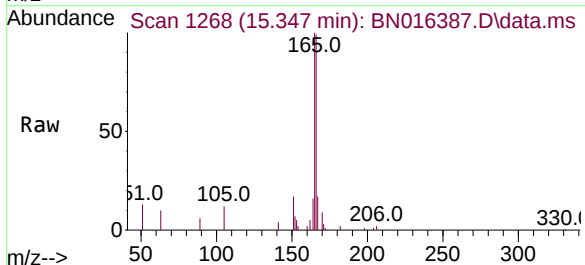
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

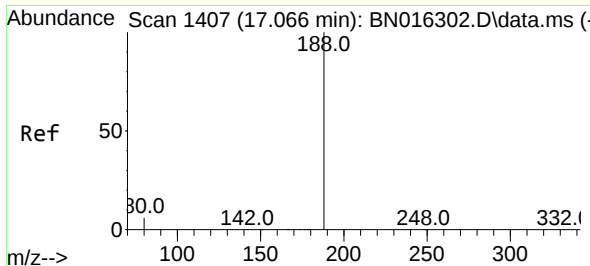
Tgt Ion:154 Resp: 22015
Ion Ratio Lower Upper
154 100
153 113.9 89.3 133.9
152 56.6 42.2 63.4



#18
Fluorene
Concen: 0.156 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:166 Resp: 34539
Ion Ratio Lower Upper
166 100
165 98.1 76.7 115.1
167 15.4 10.9 16.3

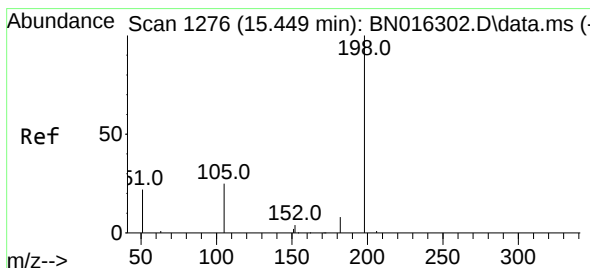
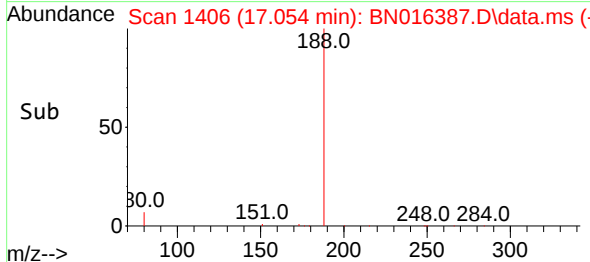
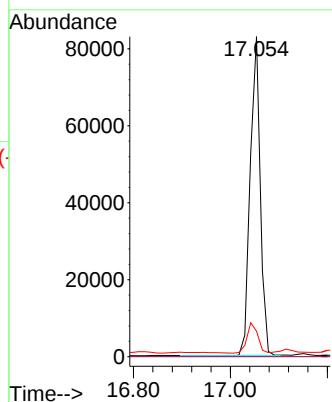
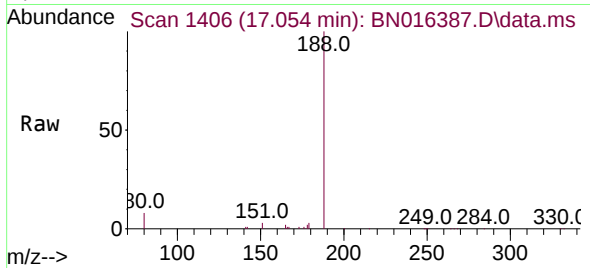




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

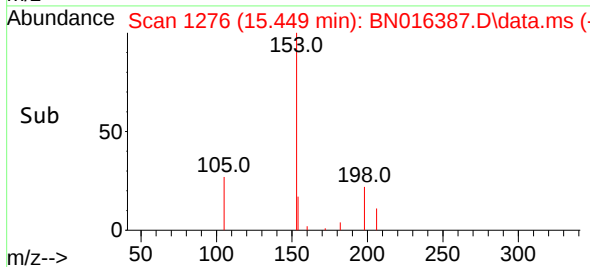
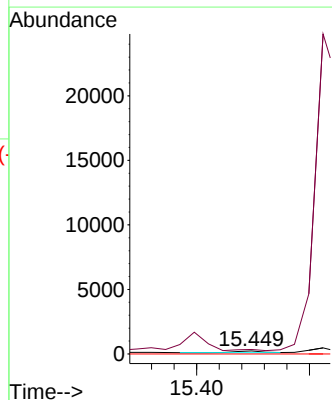
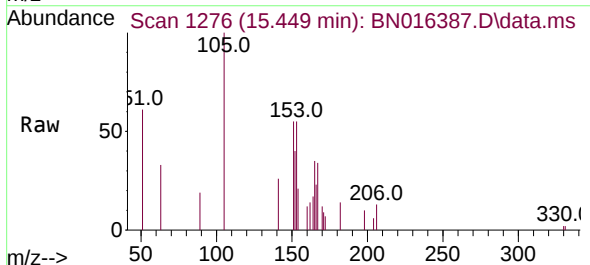
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

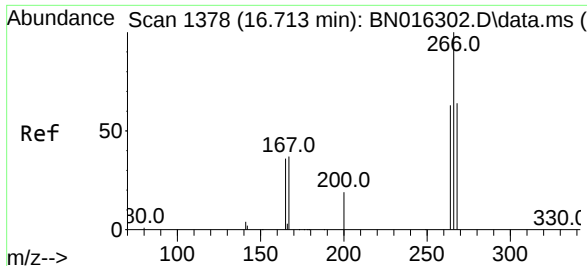
Tgt Ion:188 Resp: 120257
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.182 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:198 Resp: 210
Ion Ratio Lower Upper
198 100
182 144.4 26.6 39.8#
77 0.0 0.0 0.0

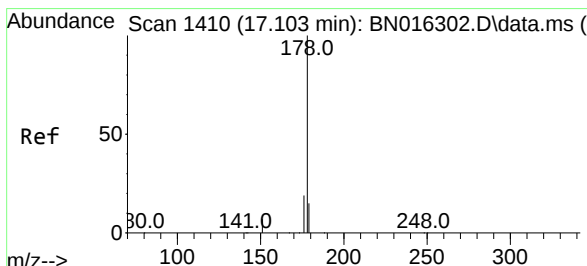
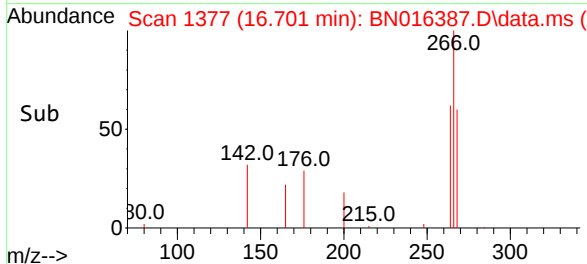
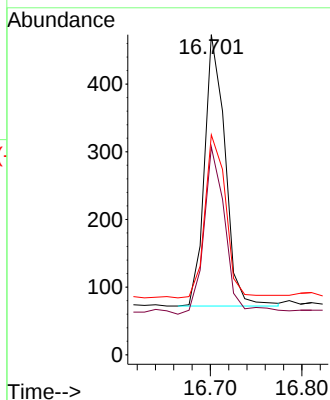
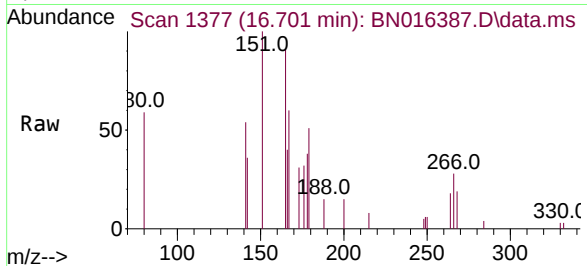




#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

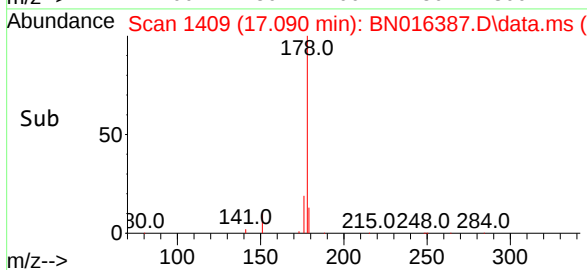
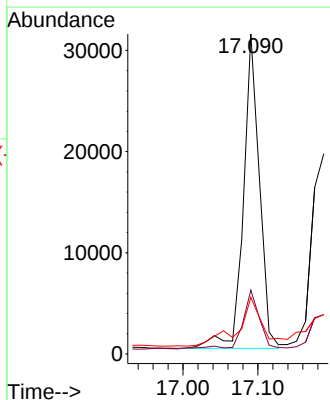
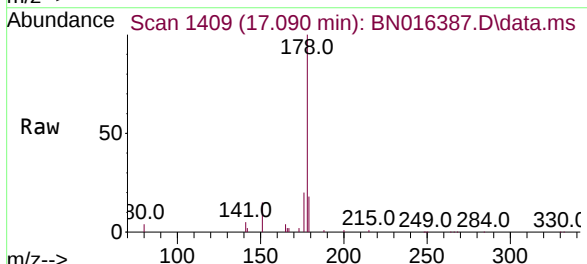
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

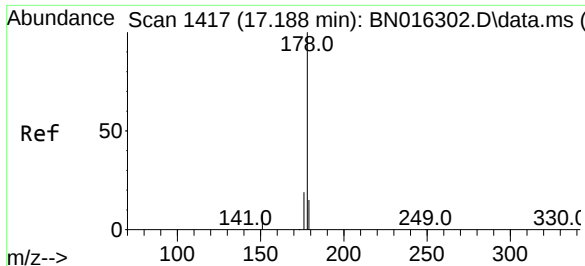
Tgt Ion:	266	Resp:	624
Ion Ratio	Lower	Upper	
266	100		
264	65.2	50.6	75.8
268	61.4	52.6	79.0



#25
Phenanthrene
Concen: 0.136 ng
RT: 17.090 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:	178	Resp:	46232
Ion Ratio	Lower	Upper	
178	100		
176	19.2	14.4	21.6
179	24.0	12.2	18.4

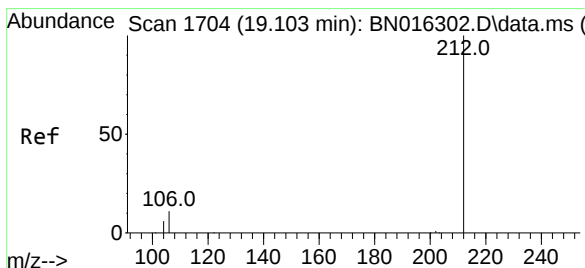
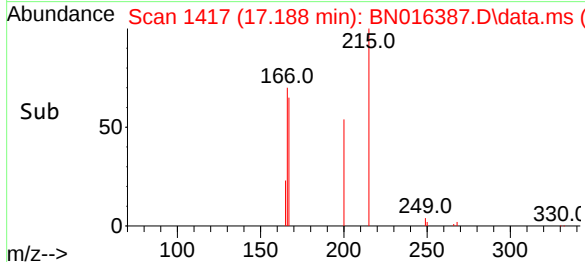
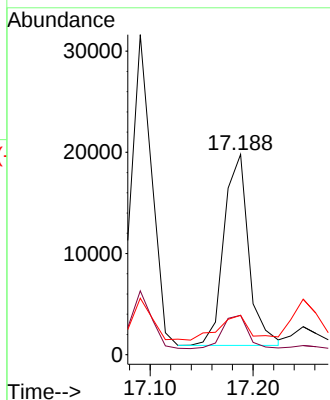
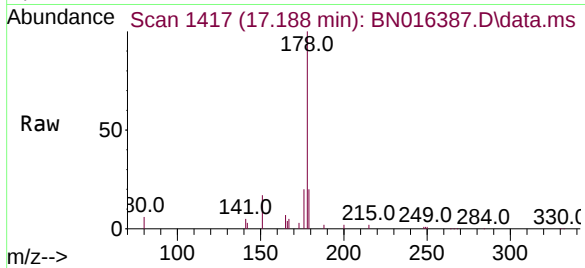




#26
 Anthracene
 Concen: 0.096 ng
 RT: 17.188 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: BN016387.D
 Acq: 21 Sep 2021 21:33

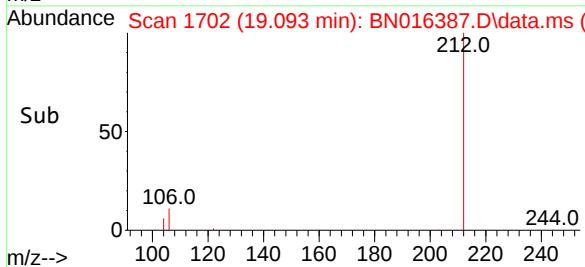
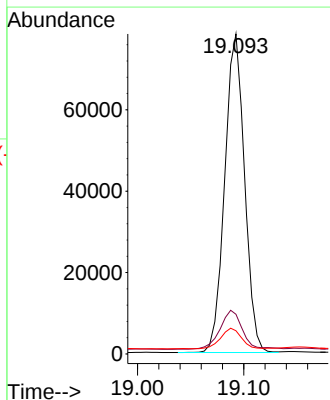
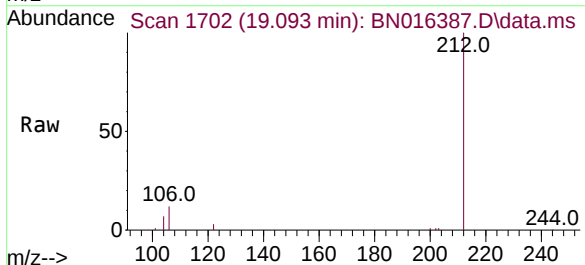
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.0)

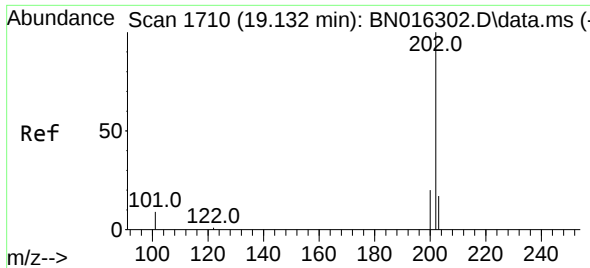
Tgt Ion:	178	Resp:	31550
Ion Ratio	Lower	Upper	
178	100		
176	18.0	13.9	20.9
179	16.7	12.2	18.4



#27
 Fluoranthene-d10
 Concen: 0.291 ng
 RT: 19.093 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: BN016387.D
 Acq: 21 Sep 2021 21:33

Tgt Ion:	212	Resp:	101414
Ion Ratio	Lower	Upper	
212	100		
106	14.0	9.8	14.6
104	6.6	5.4	8.2

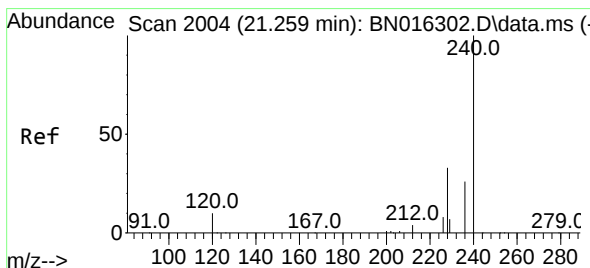
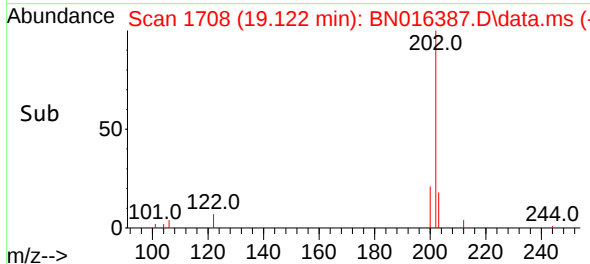
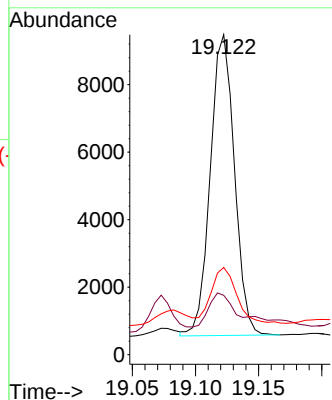
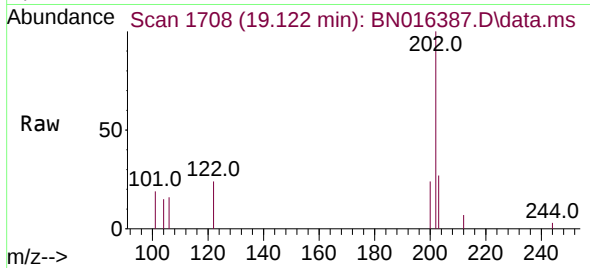




#28
Fluoranthene
Concen: 0.030 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

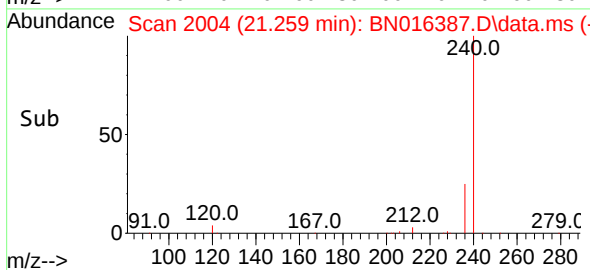
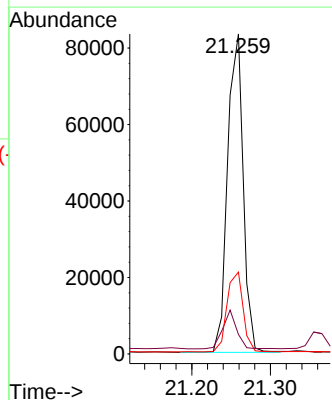
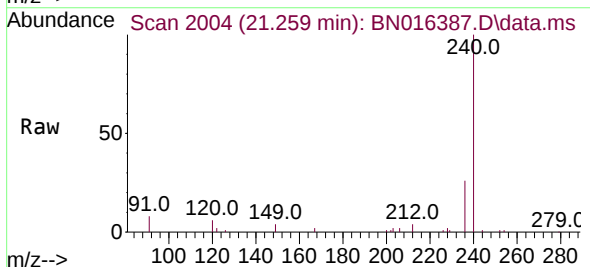
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

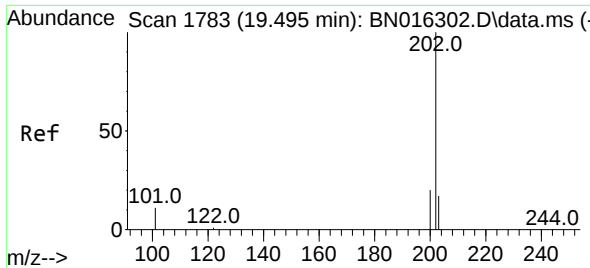
Tgt Ion:202 Resp: 11843
Ion Ratio Lower Upper
202 100
101 18.3 8.5 12.7#
203 19.6 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:240 Resp: 114789
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 25.6 19.8 29.8

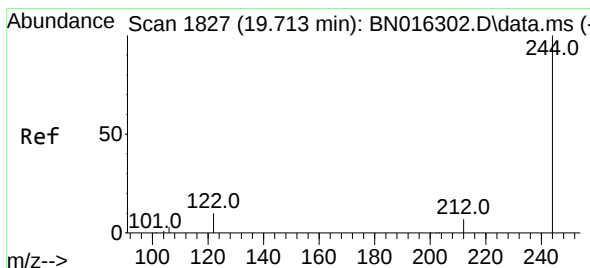
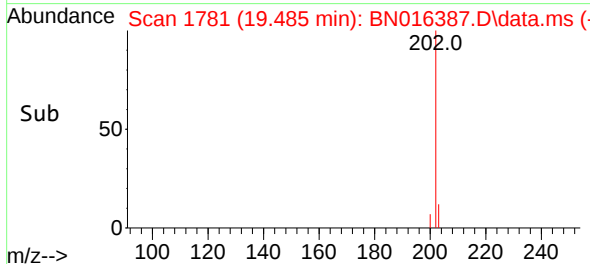
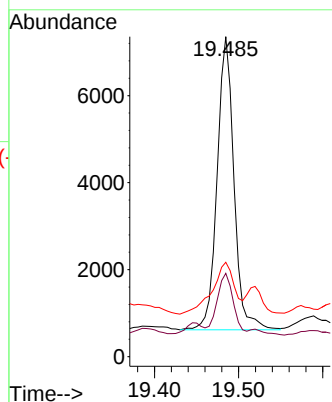
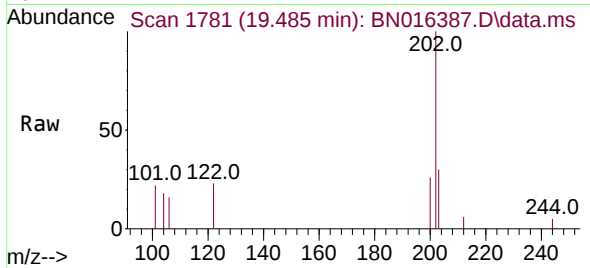




#30
Pyrene
Concen: 0.026 ng
RT: 19.485 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

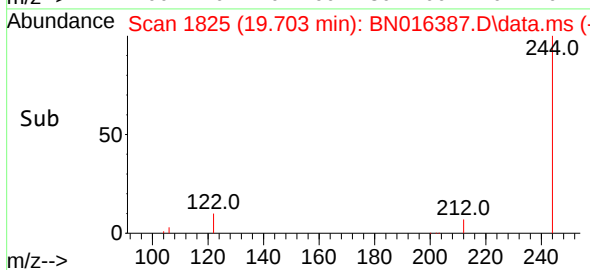
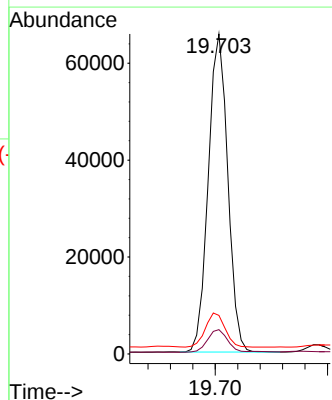
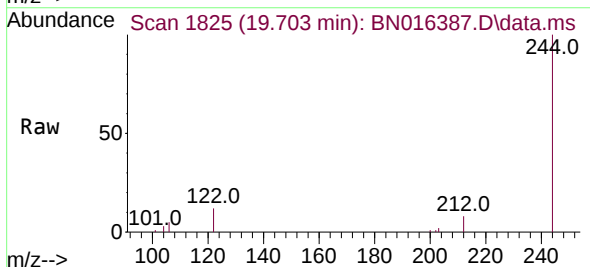
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

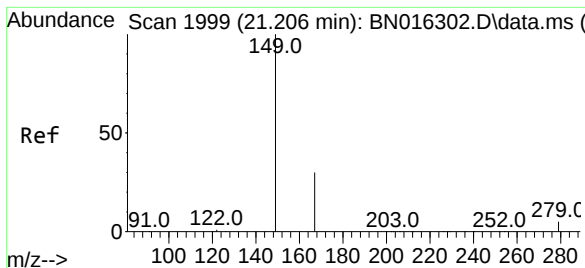
Tgt Ion:202	Resp:	9346
Ion Ratio	Lower	Upper
202	100	
200	17.9	15.8 23.6
203	23.3	13.9 20.9#



#31
Terphenyl-d14
Concen: 0.297 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:244	Resp:	79067
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.5 8.3
122	12.1	9.0 13.4

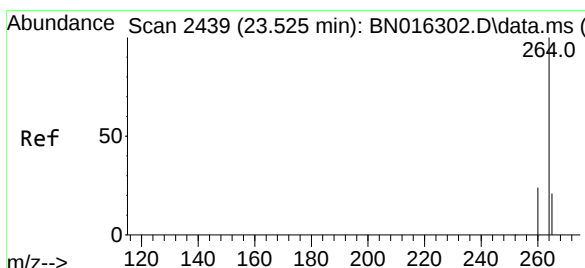
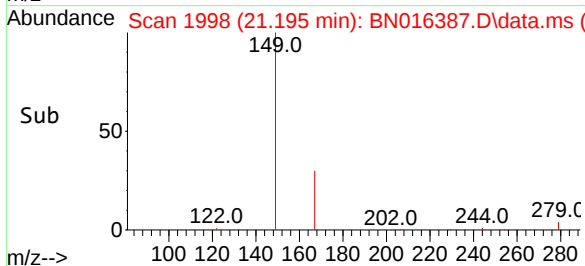
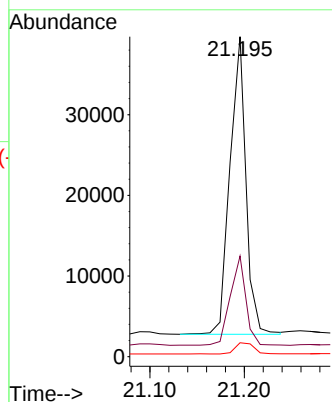
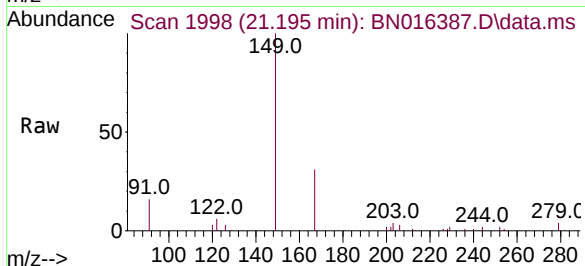




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.218 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

Tgt Ion:149 Resp: 43365
Ion Ratio Lower Upper
149 100
167 29.3 23.4 35.0
279 4.5 3.9 5.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:264 Resp: 112008
Ion Ratio Lower Upper
264 100
260 24.9 18.9 28.3
265 26.5 23.7 35.5

