

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016386.D
 Acq On : 21 Sep 2021 20:57
 Operator : CG/JU
 Sample : M3835-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

Quant Time: Sep 22 04:33:49 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)

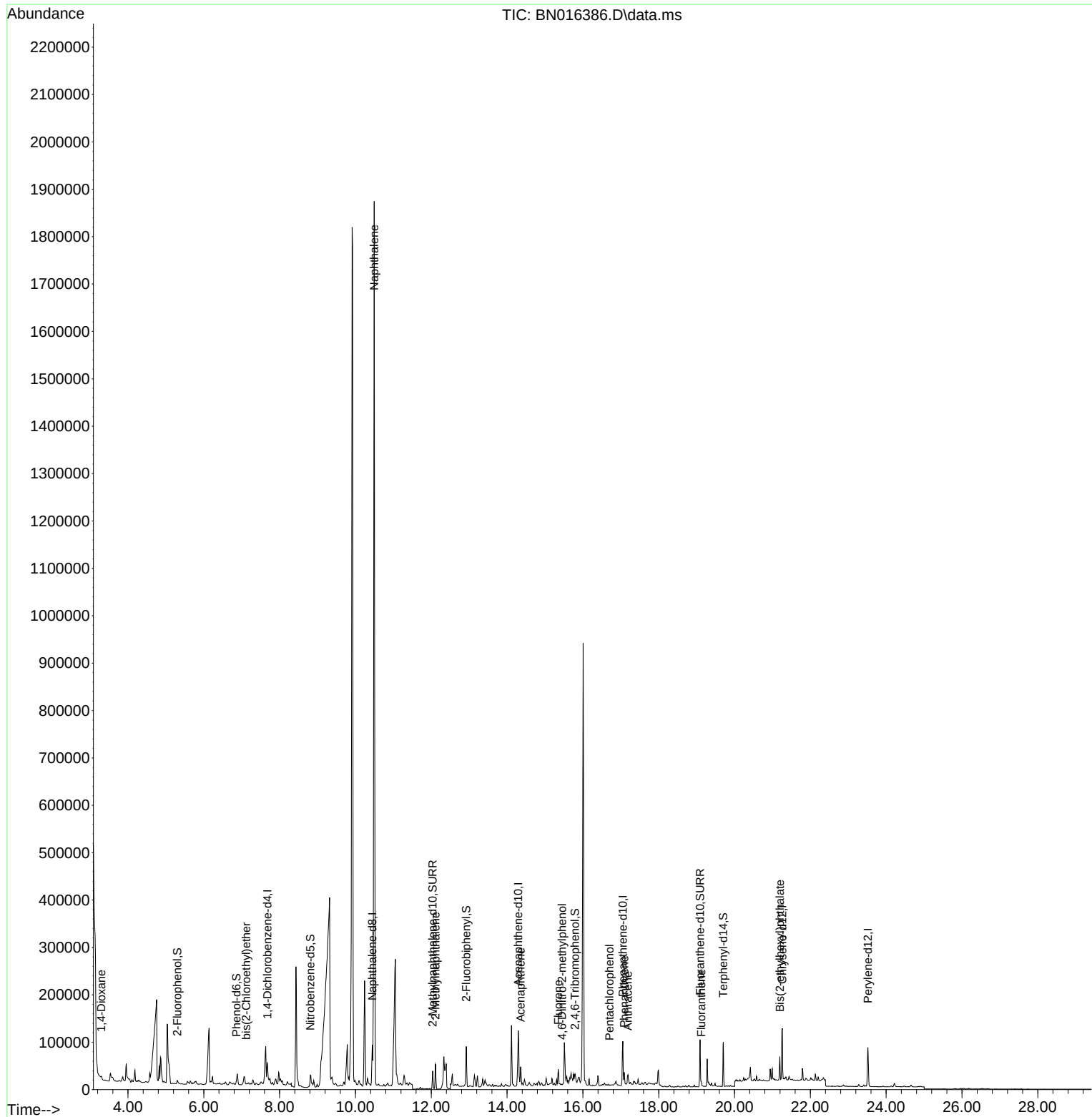
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	24710	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	107940	0.400	ng	# 0.00
13) Acenaphthene-d10	14.294	164	63465	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	123882	0.400	ng	0.00
29) Chrysene-d12	21.259	240	114550	0.400	ng	0.00
35) Perylene-d12	23.519	264	108534	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	7788	0.126	ng	0.02
5) Phenol-d6	6.858	99	5613	0.075	ng	0.00
8) Nitrobenzene-d5	8.810	82	21475	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	49844	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	8182	0.439	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	66308	0.267	ng	0.00
27) Fluoranthene-d10	19.093	212	112358	0.313	ng	0.00
31) Terphenyl-d14	19.703	244	92563	0.349	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	290	0.028	ng	# 16
6) bis(2-Chloroethyl)ether	7.117	93	2956	0.044	ng	# 19
9) Naphthalene	10.495	128	2373501	8.161	ng	99
12) 2-Methylnaphthalene	12.109	142	37183	0.193	ng	97
17) Acenaphthene	14.357	154	18791	0.103	ng	97
18) Fluorene	15.347	166	26252	0.116	ng	100
20) 4,6-Dinitro-2-methylph...	15.449	198	190	0.177	ng	# 1
24) Pentachlorophenol	16.701	266	556	0.024	ng	99
25) Phenanthrene	17.090	178	27489	0.079	ng	# 85
26) Anthracene	17.188	178	23956	0.071	ng	99
28) Fluoranthene	19.122	202	8085	0.020	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.195	149	44935	0.226	ng	100

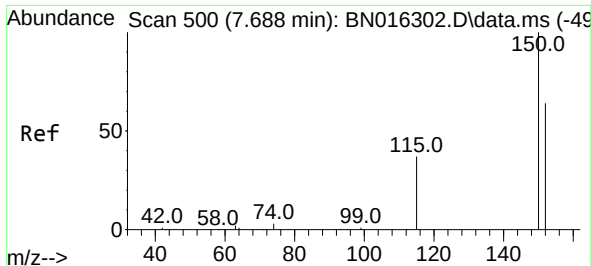
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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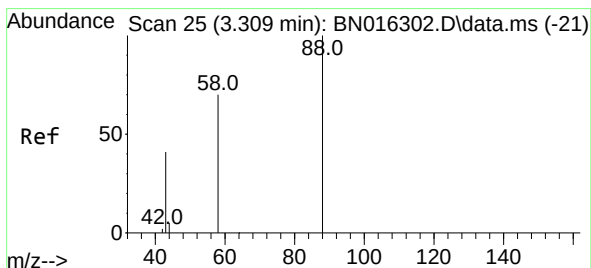
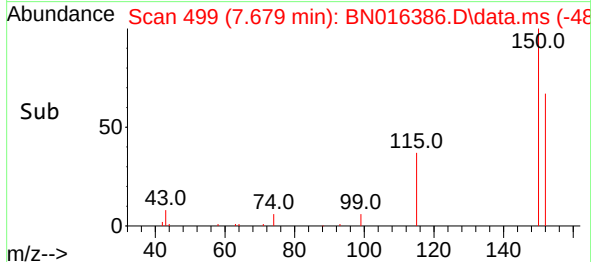
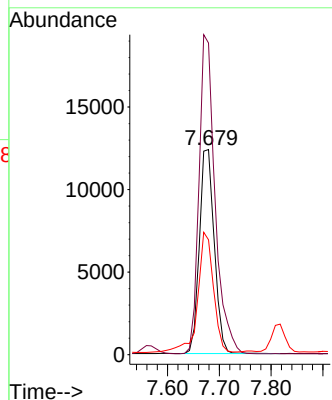
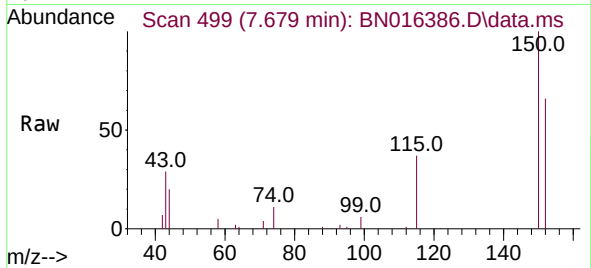




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.679 min Scan# 499
 Delta R.T. 0.009 min
 Lab File: BN016386.D
 Acq: 21 Sep 2021 20:57

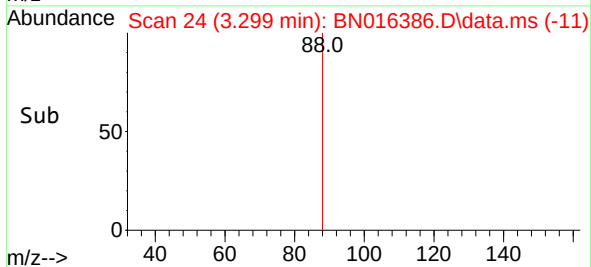
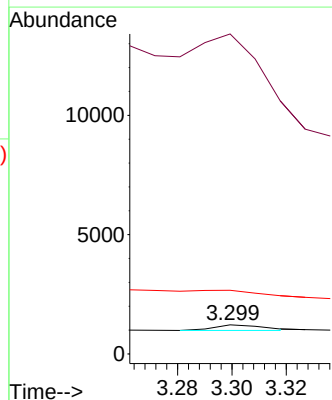
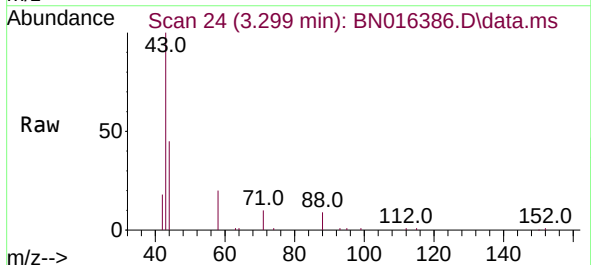
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

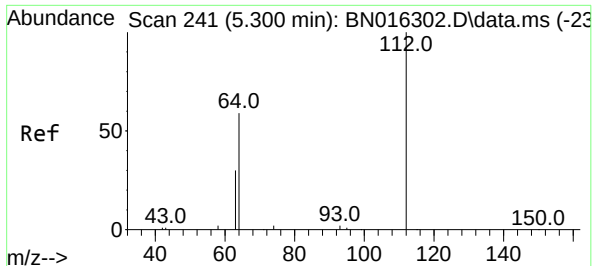
Tgt Ion:152 Resp: 24710
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.6 188.4
 115 56.0 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.299 min Scan# 24
 Delta R.T. 0.019 min
 Lab File: BN016386.D
 Acq: 21 Sep 2021 20:57

Tgt Ion: 88 Resp: 290
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.3 30.5#
 58 0.0 69.9 104.9#

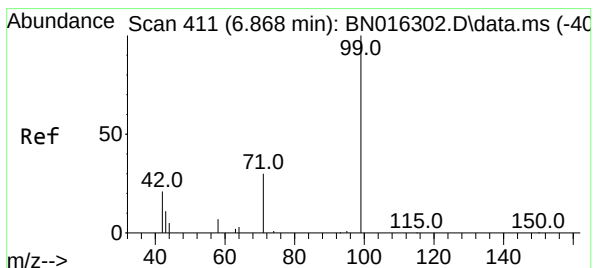
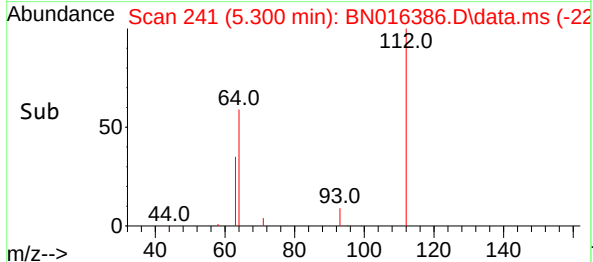
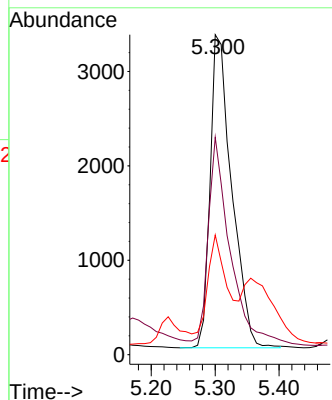
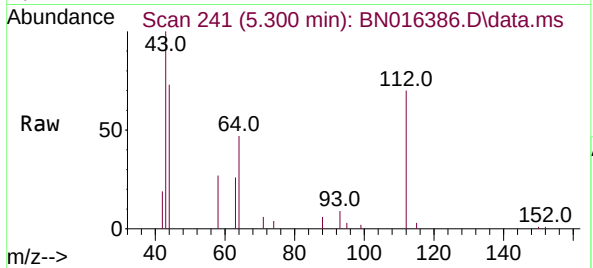




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

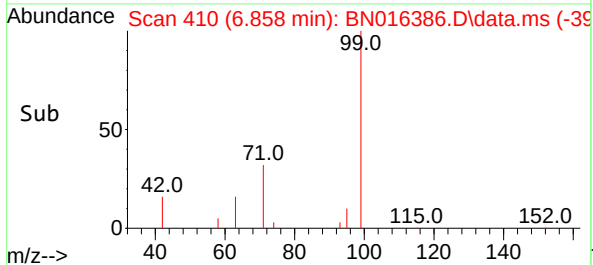
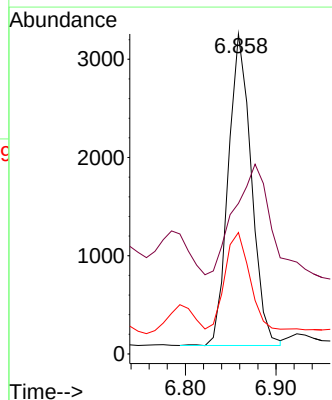
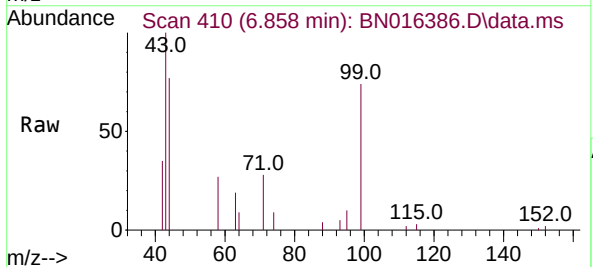
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

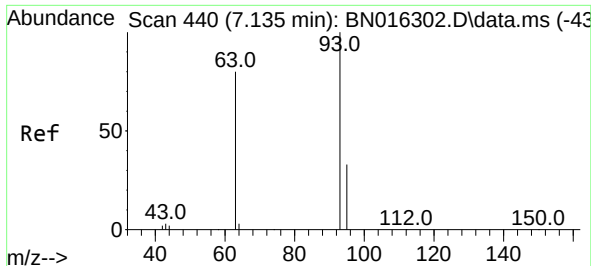
Tgt Ion:112 Resp: 7788
Ion Ratio Lower Upper
112 100
64 62.0 47.3 70.9
63 27.9 23.4 35.0



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.858 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion: 99 Resp: 5613
Ion Ratio Lower Upper
99 100
42 54.6 14.0 21.0#
71 32.4 23.8 35.6

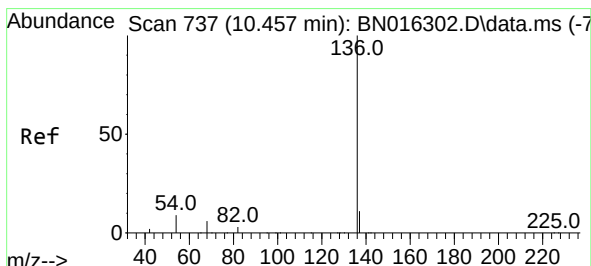
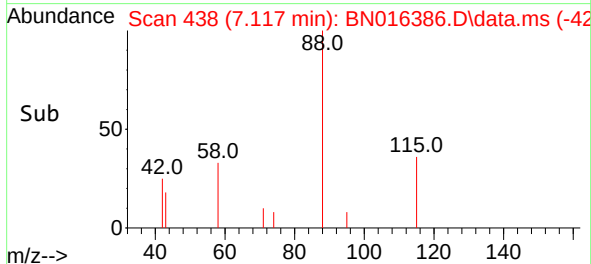
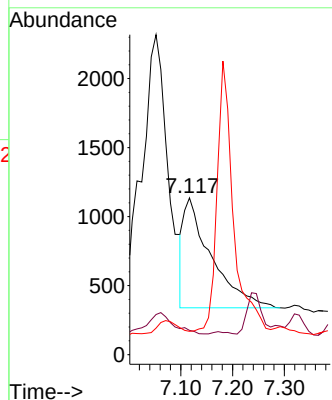
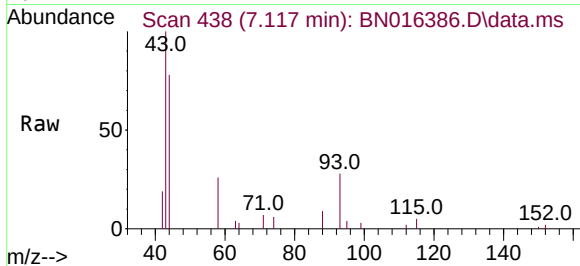




#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 7.117 min Scan# 438
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

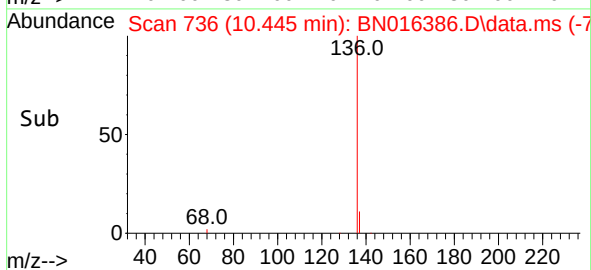
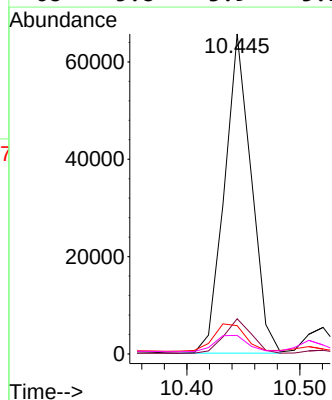
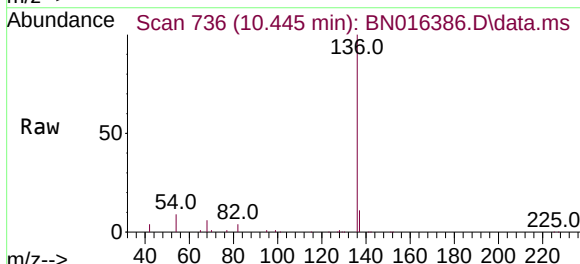
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

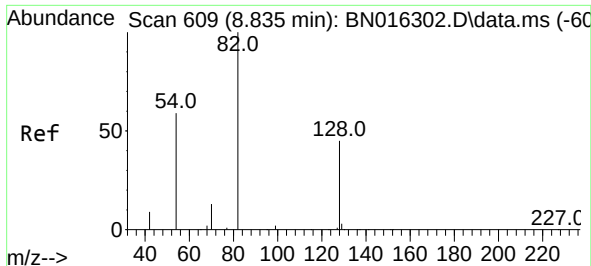
Tgt Ion: 93 Resp: 2956
Ion Ratio Lower Upper
93 100
63 0.0 63.4 95.0#
95 0.0 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion:136 Resp: 107940
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.9 5.3 7.9#
68 5.8 3.9 5.9

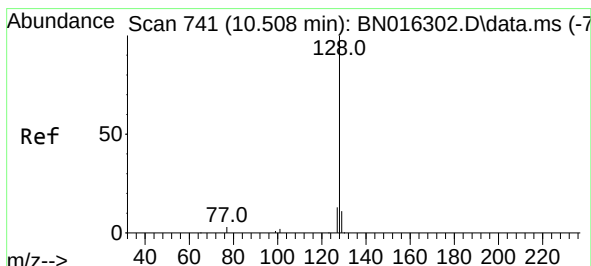
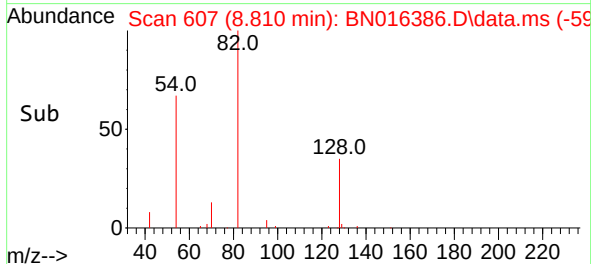
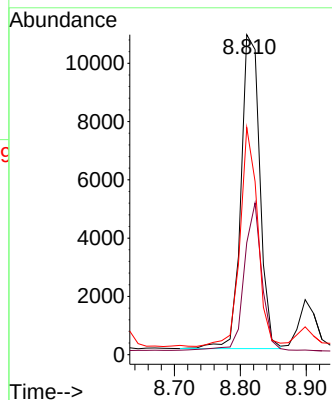
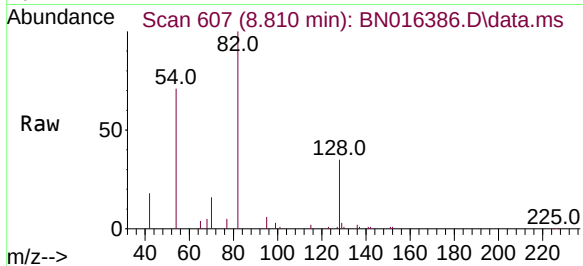




#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

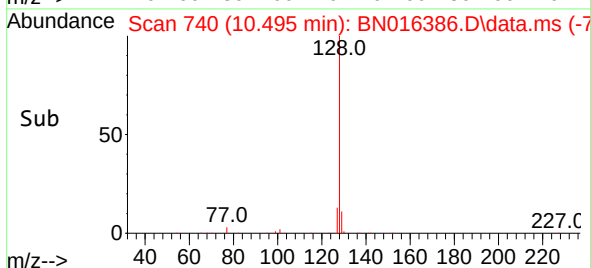
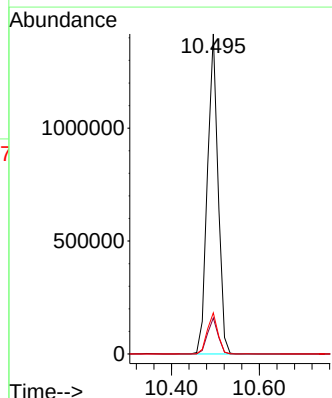
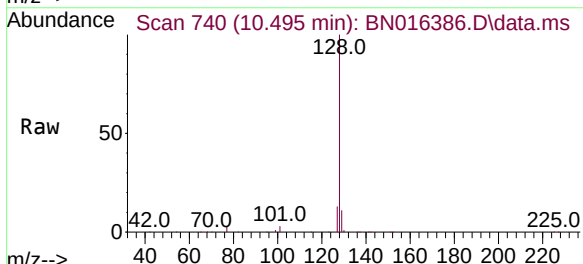
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

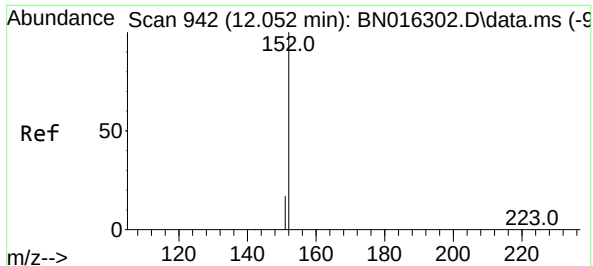
Tgt Ion: 82 Resp: 21475
Ion Ratio Lower Upper
82 100
128 35.0 31.7 47.5
54 71.0 46.4 69.6#



#9
Naphthalene
Concen: 8.161 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion:128 Resp: 2373501
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.9 10.1 15.1

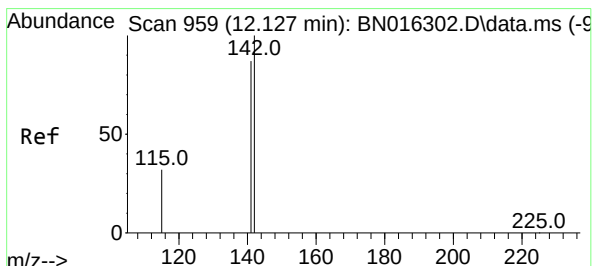
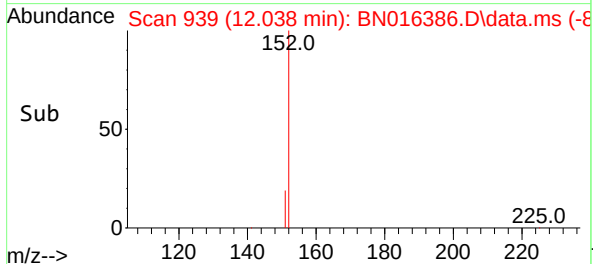
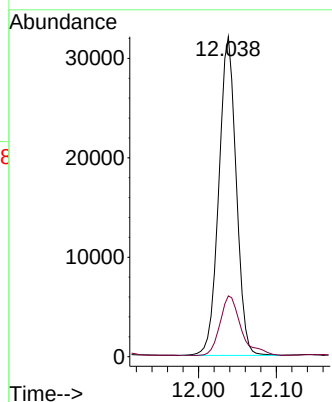
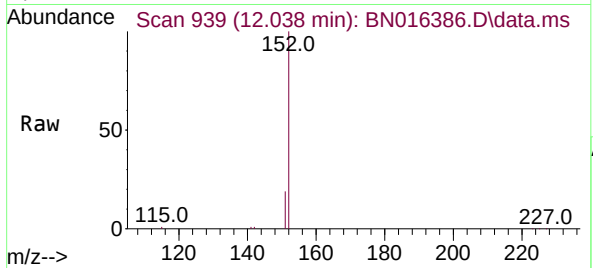




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

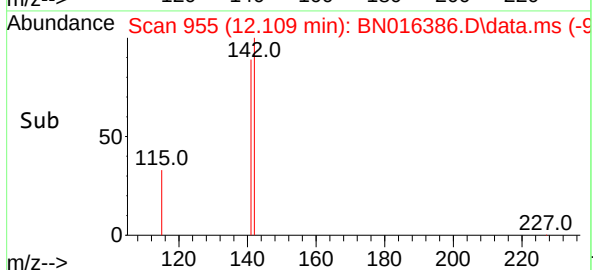
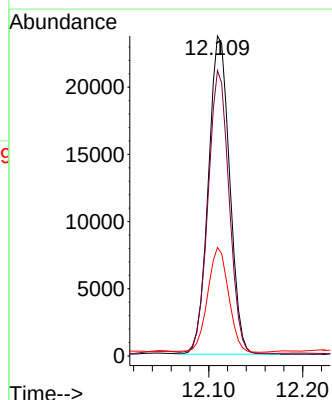
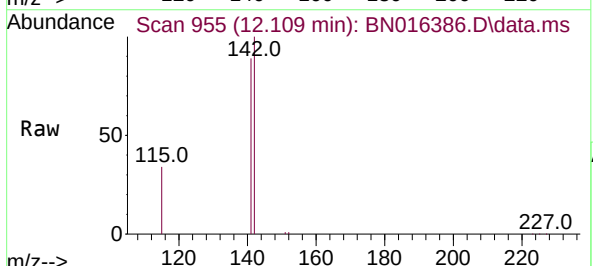
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

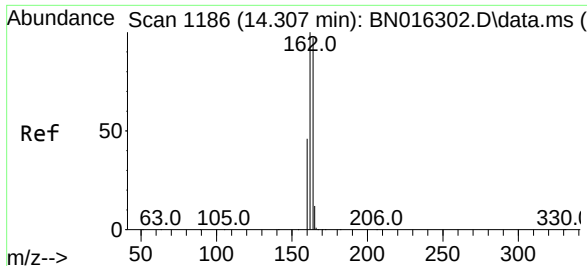
Tgt Ion:152 Resp: 49844
Ion Ratio Lower Upper
152 100
151 22.5 16.1 24.1



#12
2-Methylnaphthalene
Concen: 0.193 ng
RT: 12.109 min Scan# 955
Delta R.T. -0.004 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion:142 Resp: 37183
Ion Ratio Lower Upper
142 100
141 89.2 69.8 104.8
115 33.9 24.4 36.6

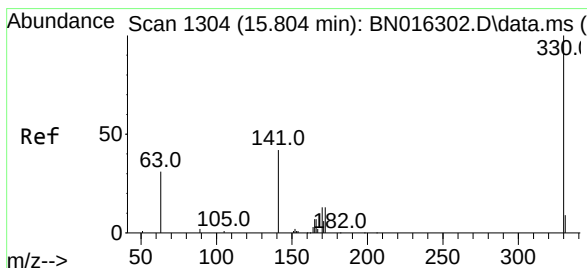
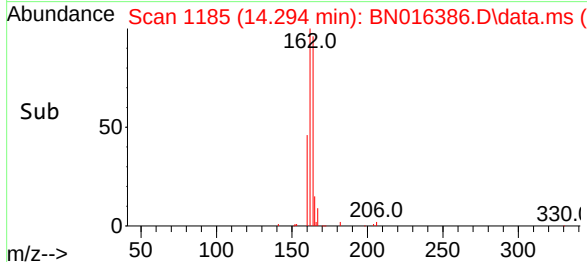
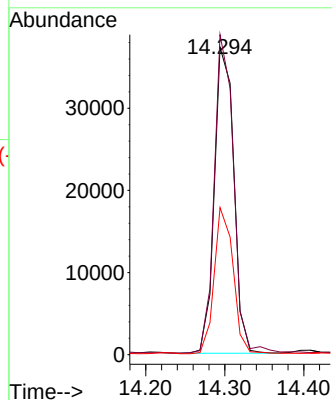
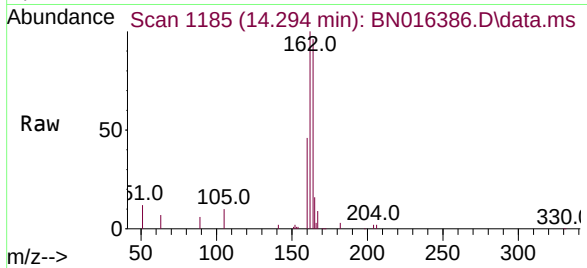




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

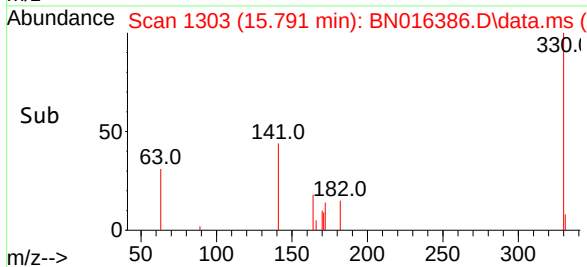
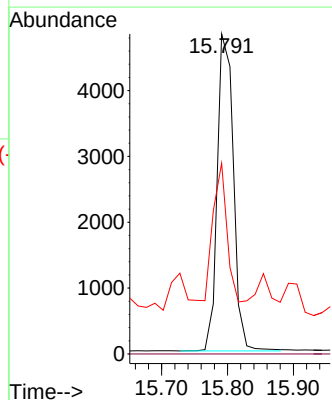
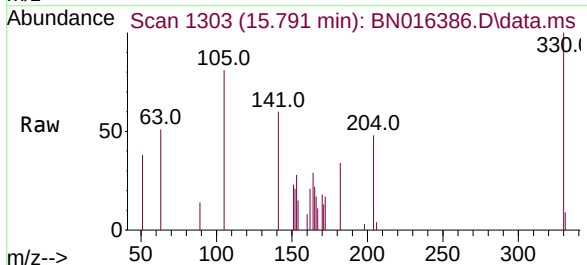
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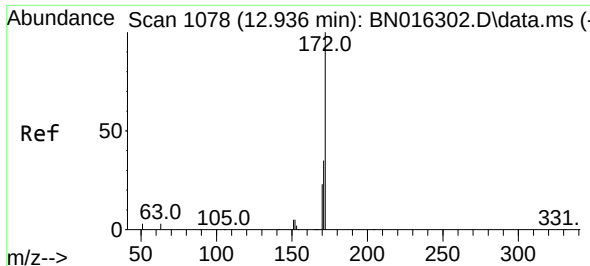
Tgt Ion:164 Resp: 63465
Ion Ratio Lower Upper
164 100
162 104.1 79.0 118.4
160 47.8 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion:330 Resp: 8182
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.4 25.0 37.4#

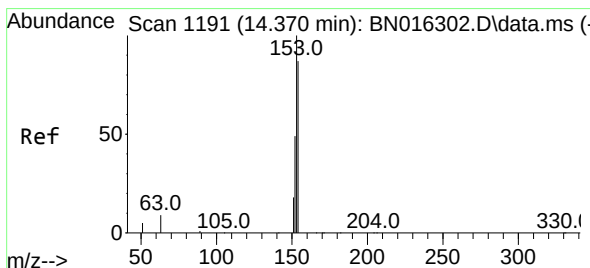
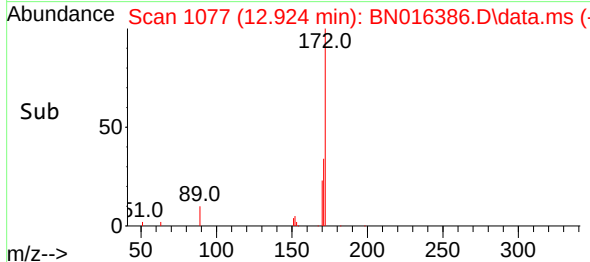
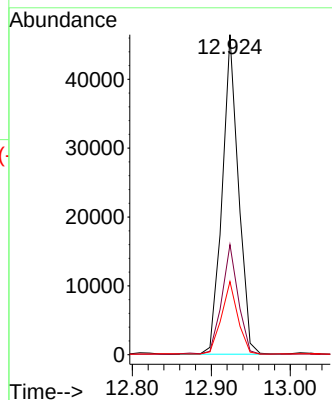
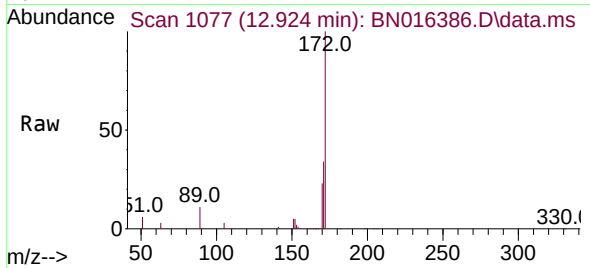




#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

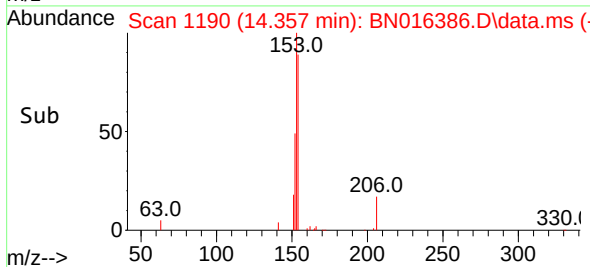
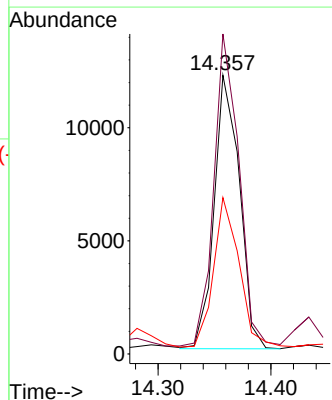
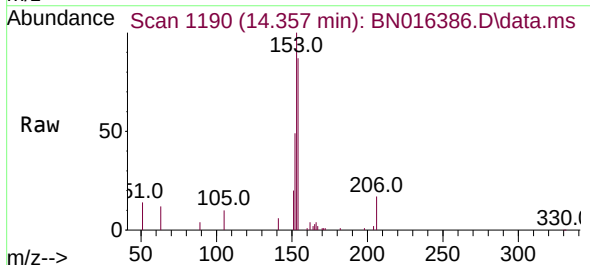
Instrument :
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SW-RR-02-(1.0)

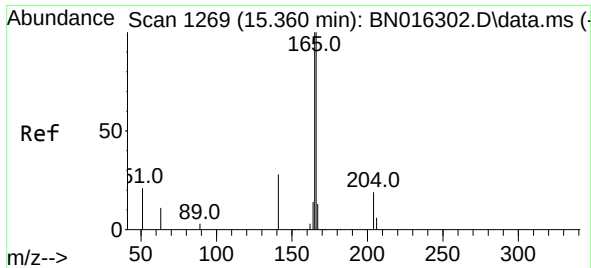
Tgt Ion:	172	Resp:	66308
Ion Ratio	Lower	Upper	
172	100		
171	34.4	27.8	41.6
170	22.8	18.2	27.2



#17
Acenaphthene
Concen: 0.103 ng
RT: 14.357 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion:	154	Resp:	18791
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.3	133.9
152	55.9	42.2	63.4

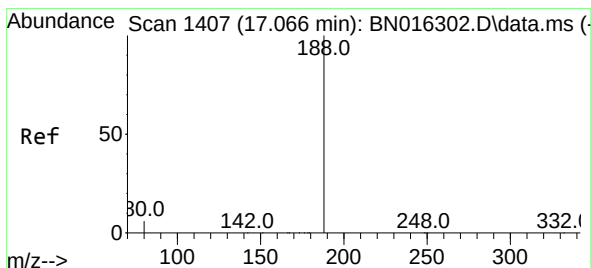
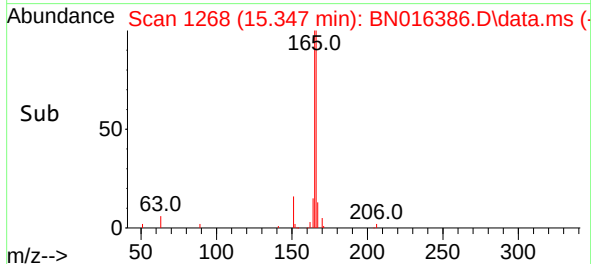
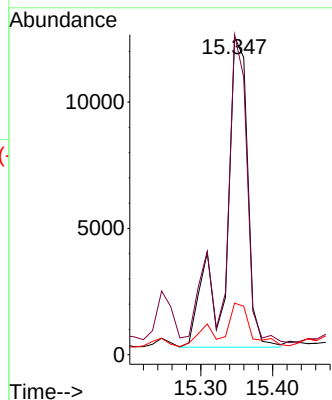
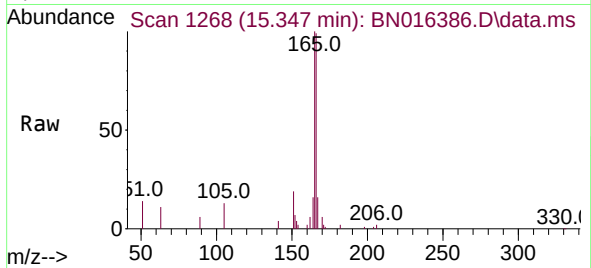




#18
Fluorene
Concen: 0.116 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

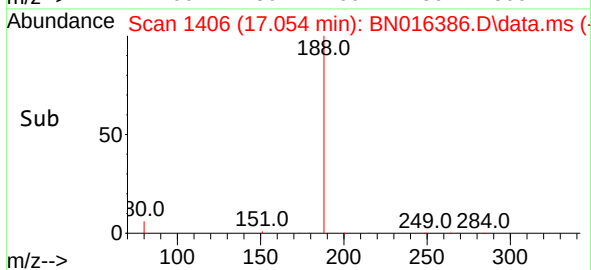
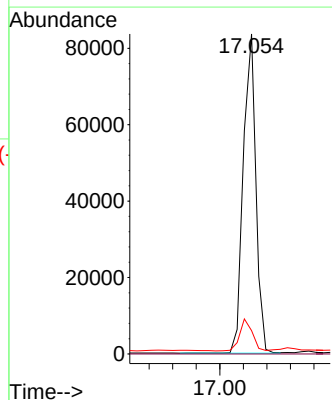
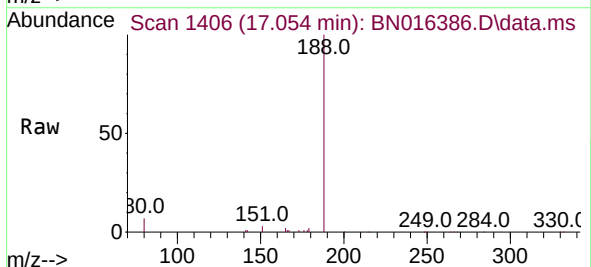
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

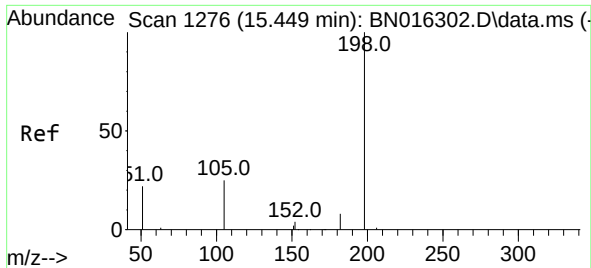
Tgt Ion:166 Resp: 26252
Ion Ratio Lower Upper
166 100
165 95.9 76.7 115.1
167 13.0 10.9 16.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion:188 Resp: 123882
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 7.0 10.6

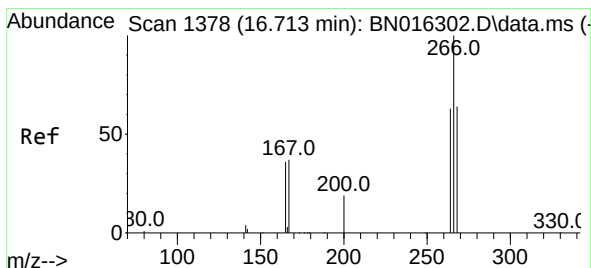
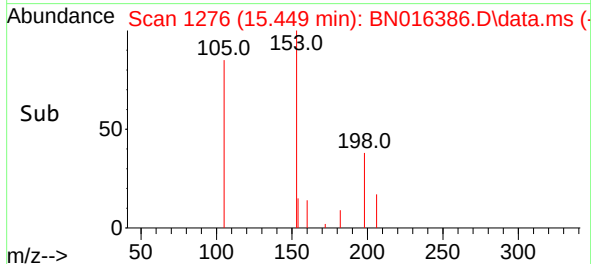
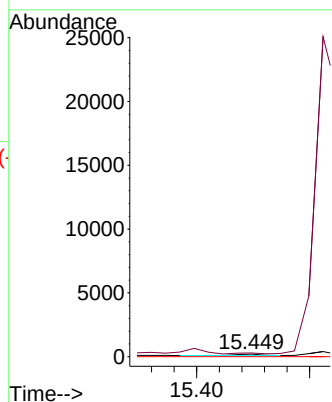
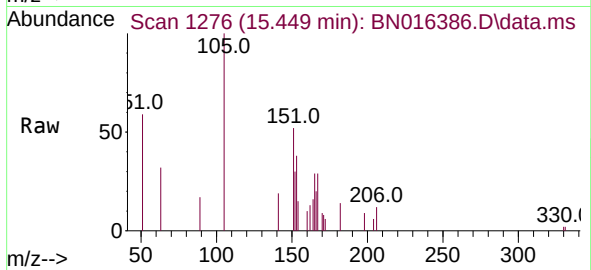




#20
4,6-Dinitro-2-methylphenol
Concen: 0.177 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

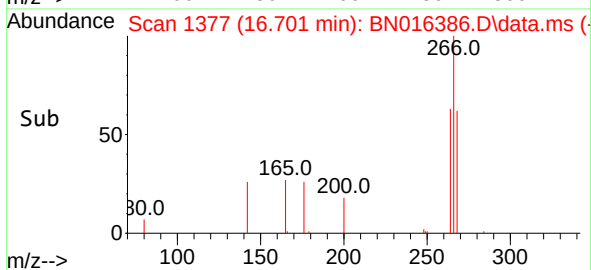
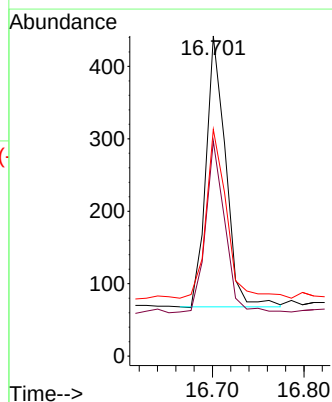
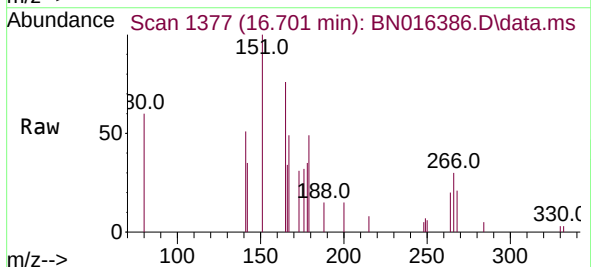
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

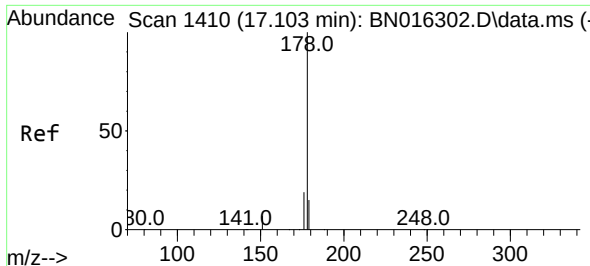
Tgt Ion:198 Resp: 190
Ion Ratio Lower Upper
198 100
182 143.3 26.6 39.8#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.024 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion:266 Resp: 556
Ion Ratio Lower Upper
266 100
264 62.6 50.6 75.8
268 64.9 52.6 79.0

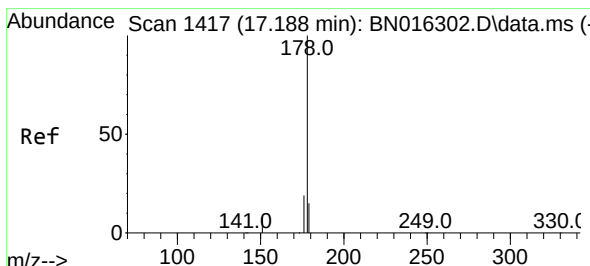
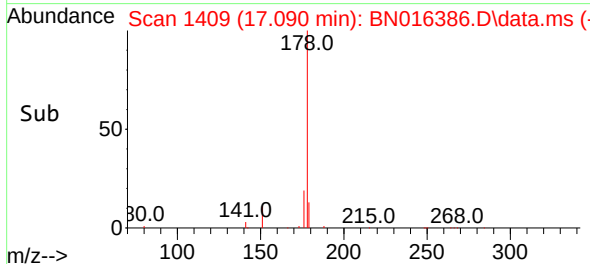
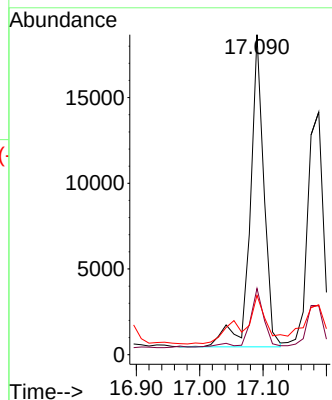
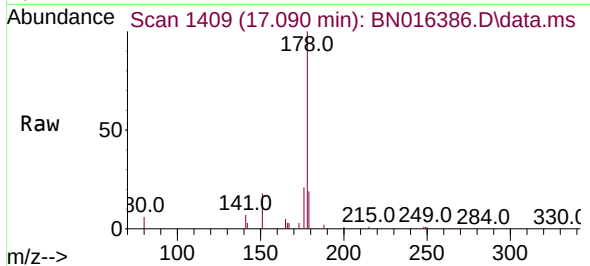




#25
Phenanthrene
Concen: 0.079 ng
RT: 17.090 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

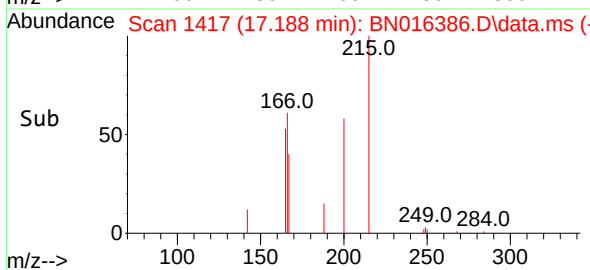
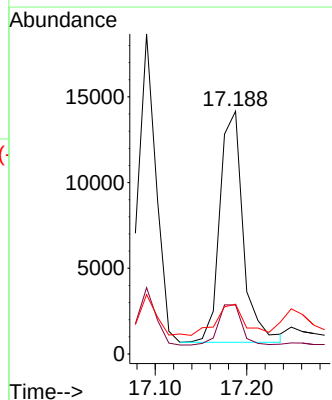
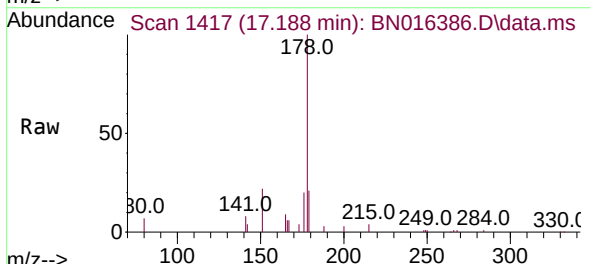
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

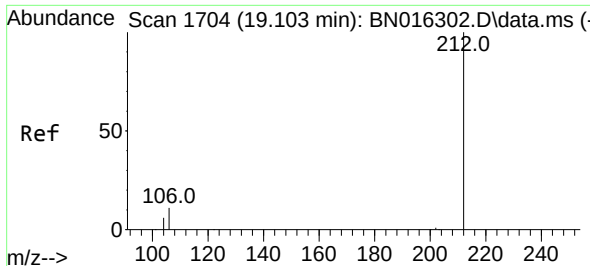
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.4	21.6
179	27.9	12.2	18.4



#26
Anthracene
Concen: 0.071 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	13.9	20.9
179	16.6	12.2	18.4

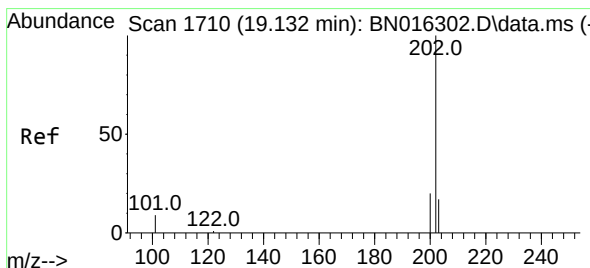
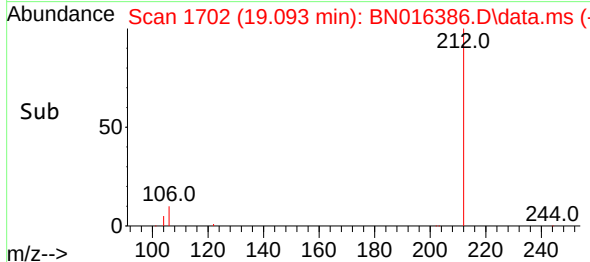
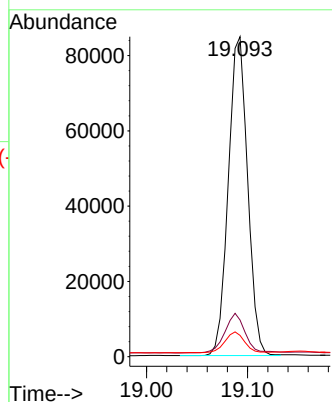
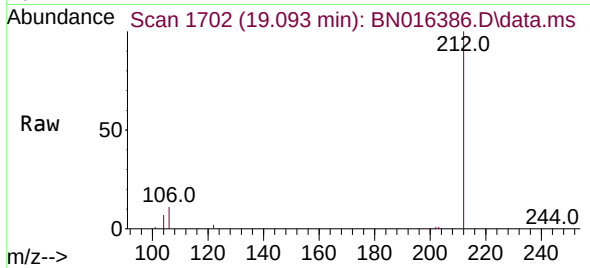




#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

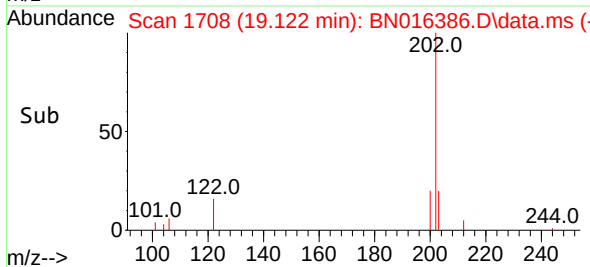
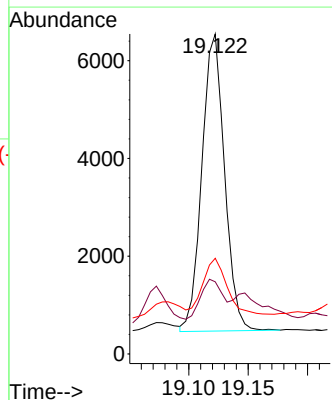
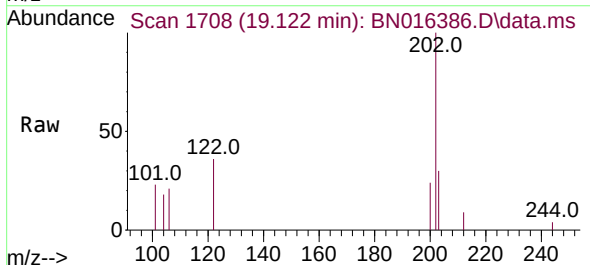
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

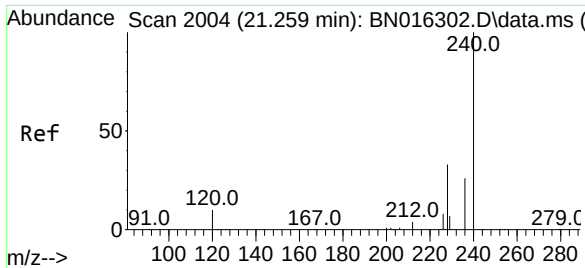
Tgt Ion:212 Resp: 112358
Ion Ratio Lower Upper
212 100
106 13.4 9.8 14.6
104 6.8 5.4 8.2



#28
Fluoranthene
Concen: 0.020 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion:202 Resp: 8085
Ion Ratio Lower Upper
202 100
101 0.0 8.5 12.7#
203 19.9 13.8 20.8

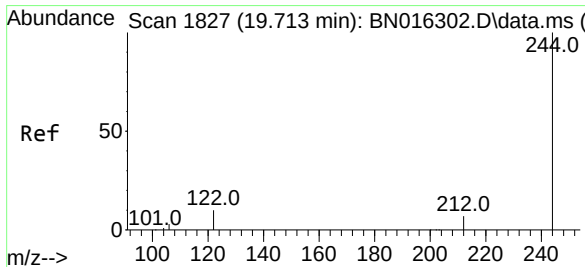
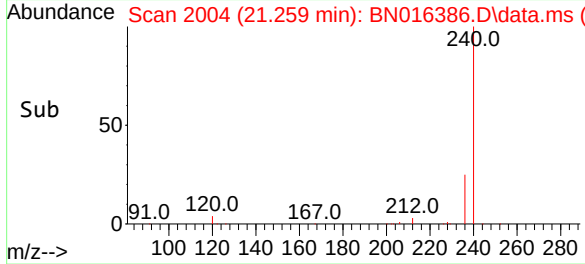
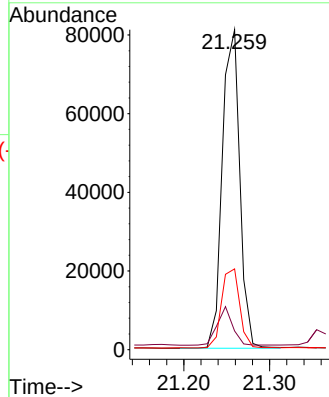
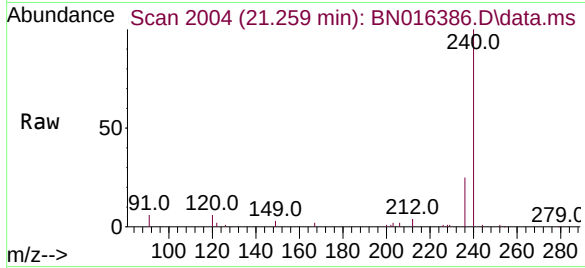




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

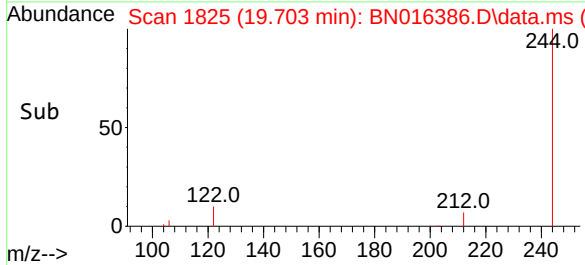
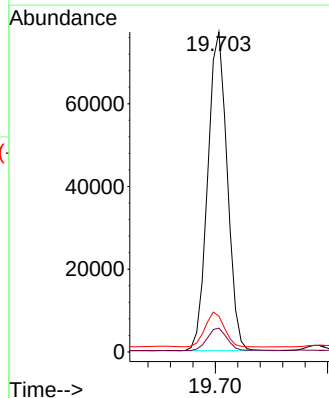
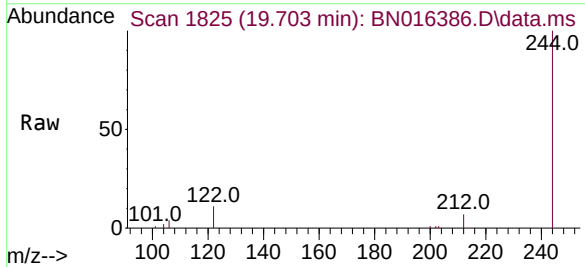
Instrument :
BNA_N
ClientSampleId :
SW-RR-02-(1.0)

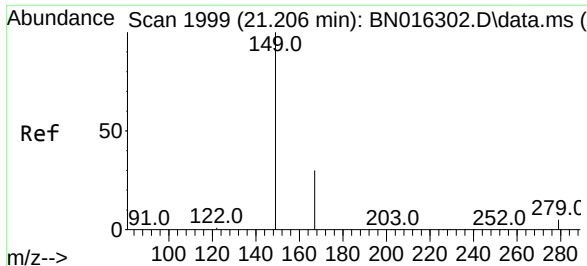
Tgt Ion:240 Resp: 114550
Ion Ratio Lower Upper
240 100
120 5.8 5.3 7.9
236 25.2 19.8 29.8



#31
Terphenyl-d14
Concen: 0.349 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016386.D
Acq: 21 Sep 2021 20:57

Tgt Ion:244 Resp: 92563
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 11.2 9.0 13.4

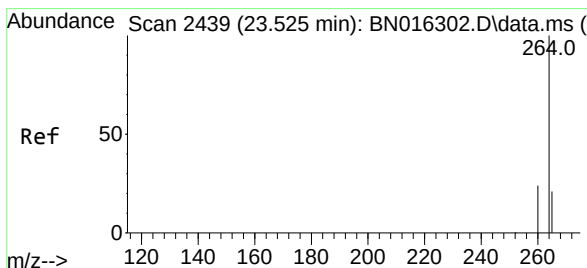
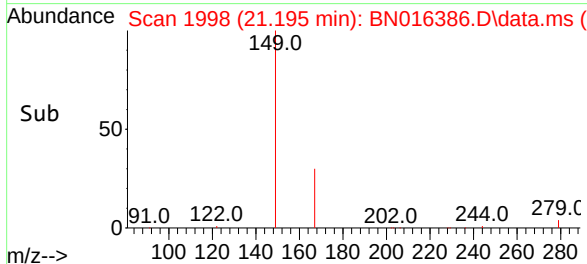
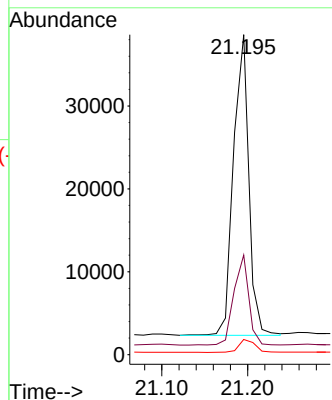
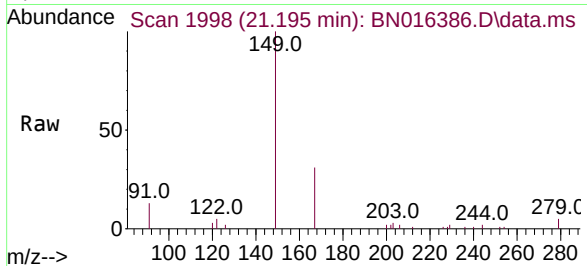




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.226 ng
 RT: 21.195 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN016386.D
 Acq: 21 Sep 2021 20:57

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-02-(1.0)

Tgt Ion:149 Resp: 44935
 Ion Ratio Lower Upper
 149 100
 167 29.0 23.4 35.0
 279 4.5 3.9 5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 2437
 Delta R.T. -0.003 min
 Lab File: BN016386.D
 Acq: 21 Sep 2021 20:57

Tgt Ion:264 Resp: 108534
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 26.6 23.7 35.5

