

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016385.D
 Acq On : 21 Sep 2021 20:20
 Operator : CG/JU
 Sample : M3835-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(1.5)

Quant Time: Sep 22 04:33:40 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)

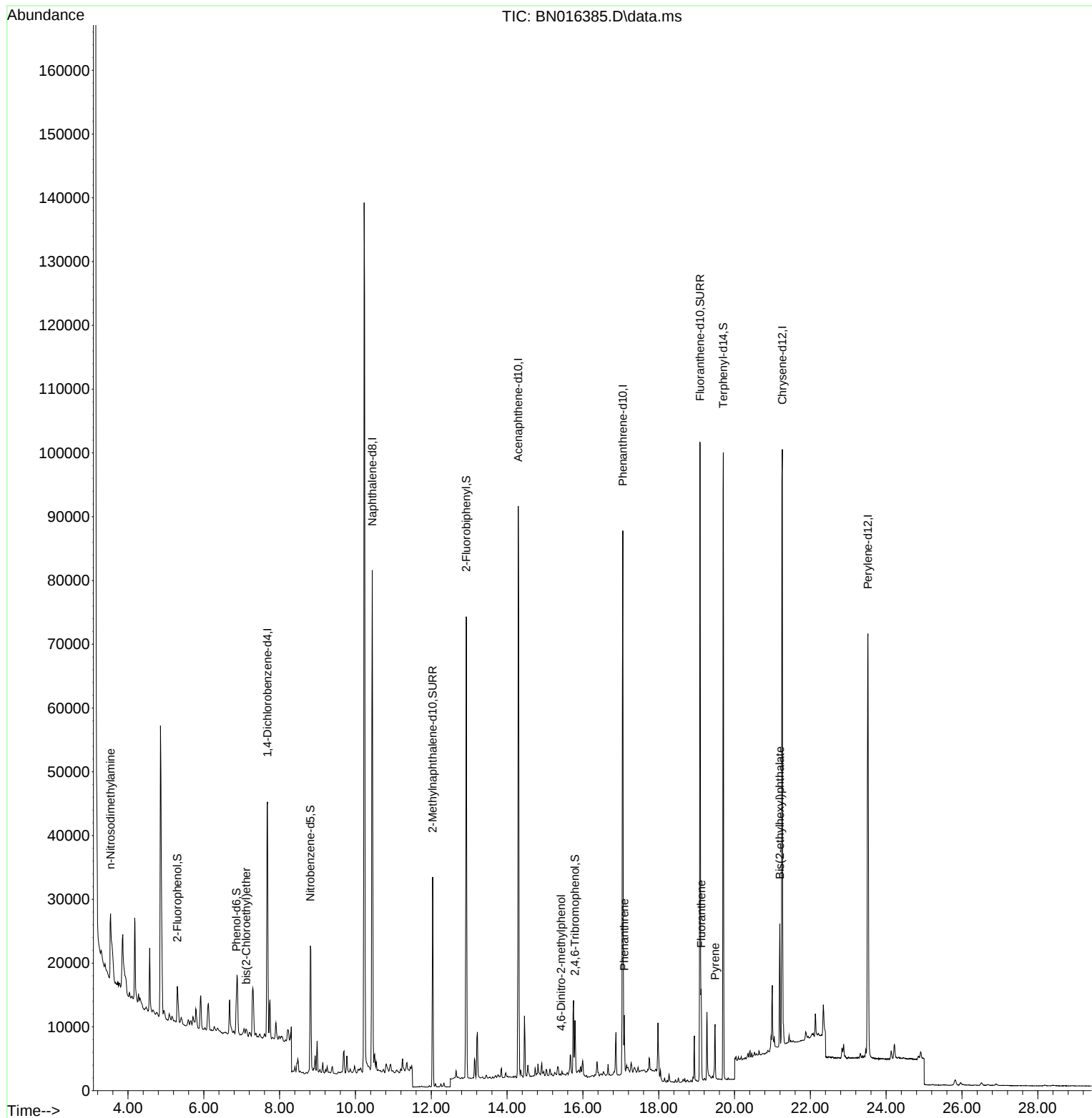
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	23105	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	102177	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	55846	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	113247	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	99363	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	90237	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	7036	0.121	ng	0.02
5) Phenol-d6	6.859	99	5104	0.073	ng	0.00
8) Nitrobenzene-d5	8.810	82	17547	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	42956	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	5737	0.350	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	57948	0.265	ng	0.00
27) Fluoranthene-d10	19.093	212	114406	0.349	ng	0.00
31) Terphenyl-d14	19.703	244	96368	0.419	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.539	42	3506	0.160	ng	# 1
6) bis(2-Chloroethyl)ether	7.117	93	1986	0.032	ng	# 24
20) 4,6-Dinitro-2-methylph...	15.423	198	12	0.148	ng	# 1
25) Phenanthrene	17.091	178	10579	0.033	ng	97
28) Fluoranthene	19.122	202	12649	0.034	ng	98
30) Pyrene	19.485	202	7924	0.025	ng	94
34) Bis(2-ethylhexyl)phtha...	21.196	149	17812	0.103	ng	98

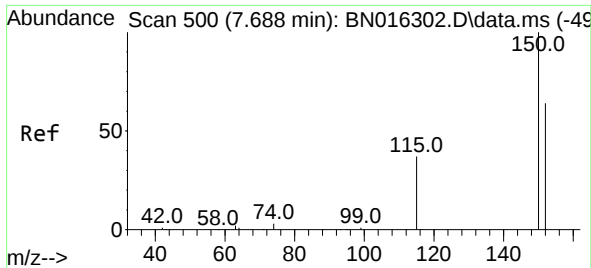
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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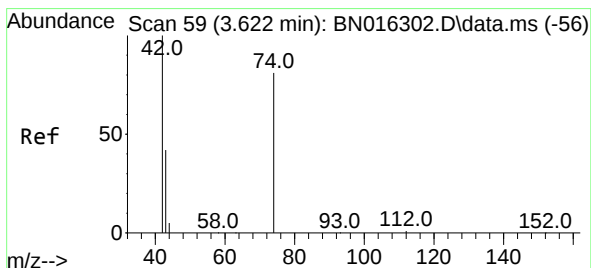
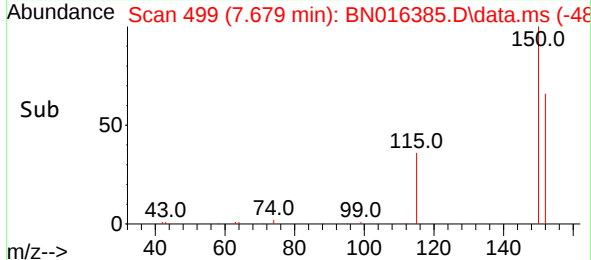
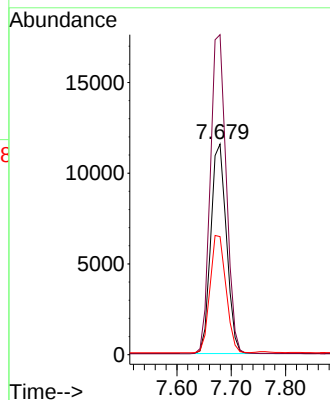
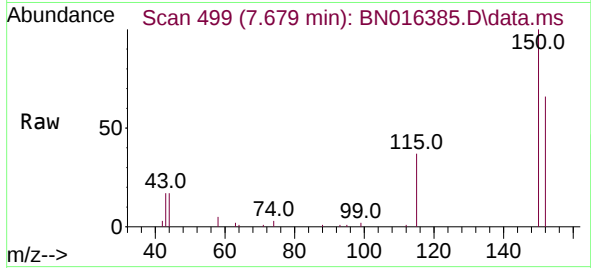




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.679 min Scan# 499
 Delta R.T. 0.009 min
 Lab File: BN016385.D
 Acq: 21 Sep 2021 20:20

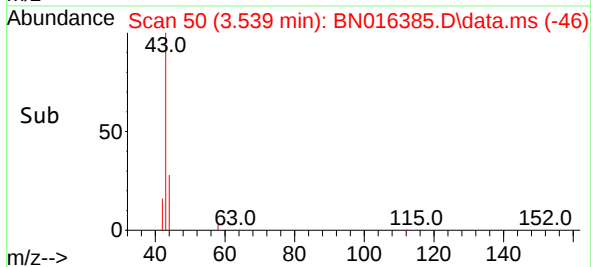
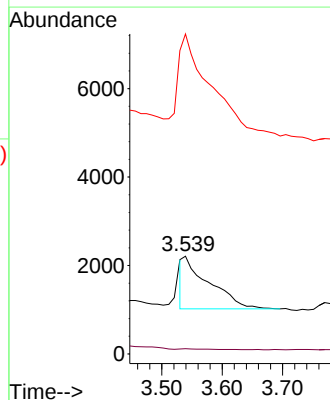
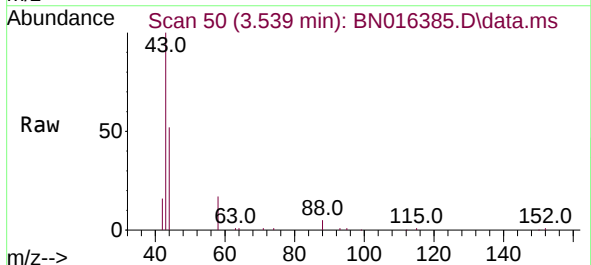
Instrument :
 BNA_N
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 SW-RR-01-(1.5)

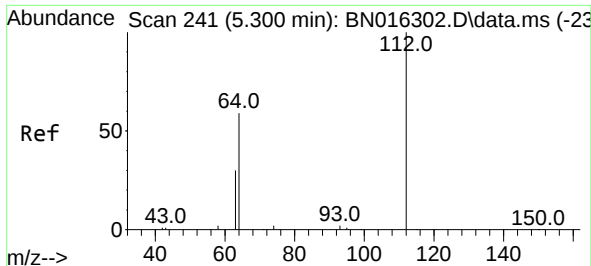
Tgt Ion:152 Resp: 23105
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.6 188.4
 115 56.1 50.2 75.2



#3
 n-Nitrosodimethylamine
 Concen: 0.160 ng
 RT: 3.539 min Scan# 50
 Delta R.T. -0.064 min
 Lab File: BN016385.D
 Acq: 21 Sep 2021 20:20

Tgt Ion: 42 Resp: 3506
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.6 170.4#
 44 210.4 0.0 0.0#

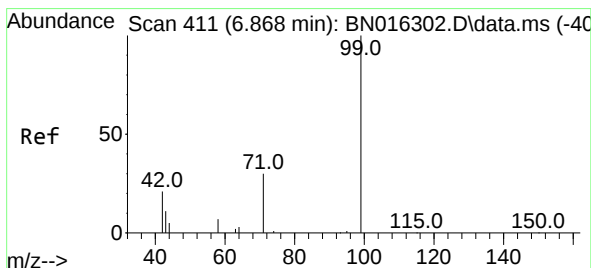
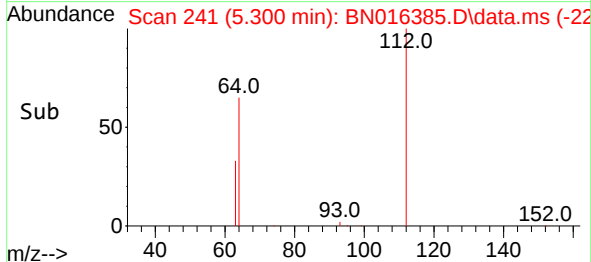
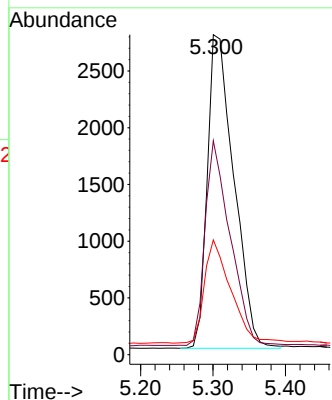
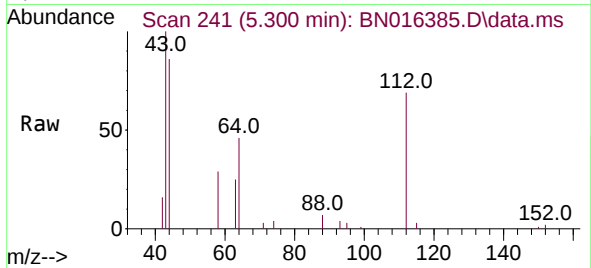




#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

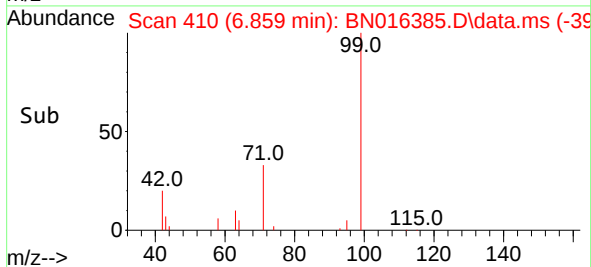
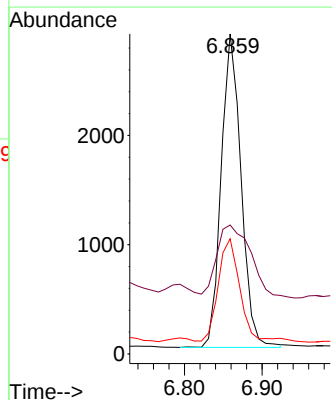
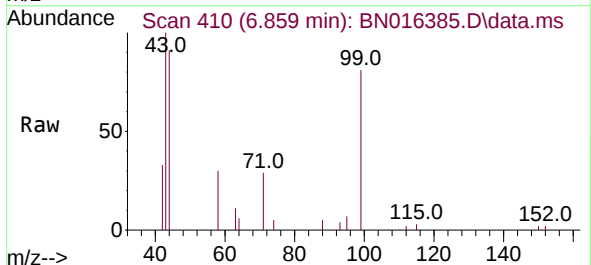
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(1.5)

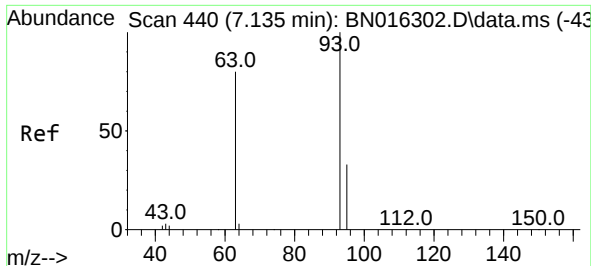
Tgt Ion:112 Resp: 7036
Ion Ratio Lower Upper
112 100
64 61.6 47.3 70.9
63 32.8 23.4 35.0



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.010 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

Tgt Ion: 99 Resp: 5104
Ion Ratio Lower Upper
99 100
42 36.7 14.0 21.0#
71 34.6 23.8 35.6

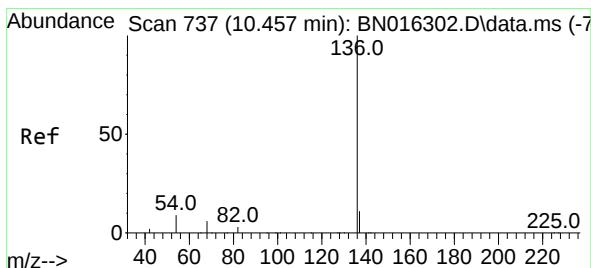
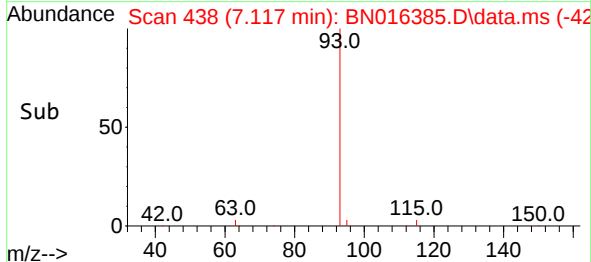
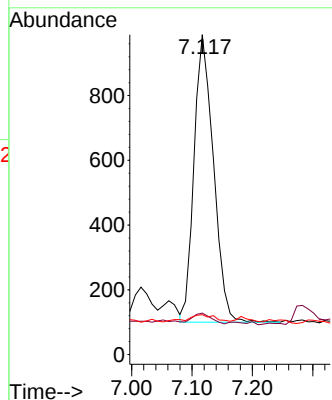
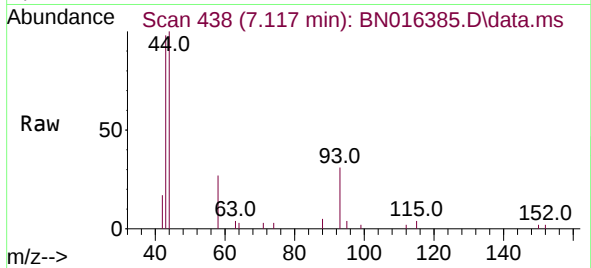




#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 7.117 min Scan# 438
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

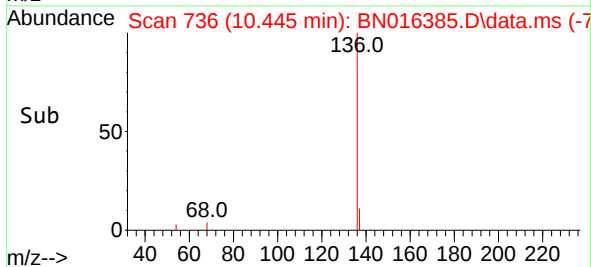
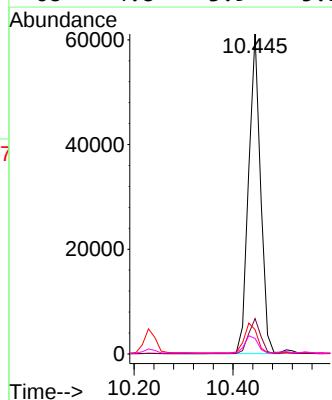
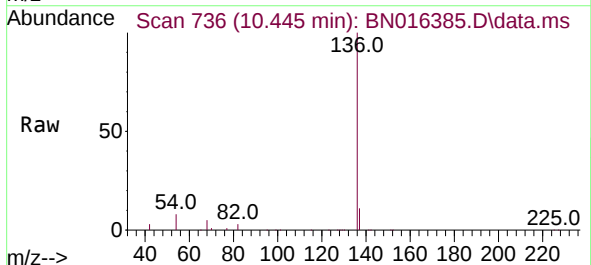
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(1.5)

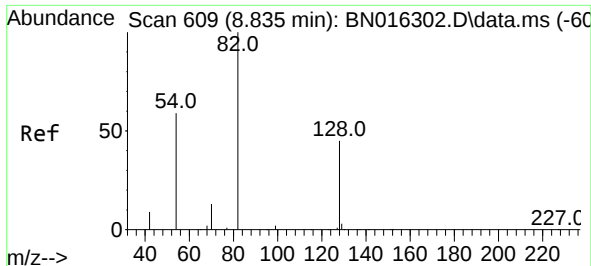
Tgt Ion: 93 Resp: 1986
Ion Ratio Lower Upper
93 100
63 3.4 63.4 95.0#
95 3.8 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

Tgt Ion: 136 Resp: 102177
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 5.3 7.9
68 4.8 3.9 5.9

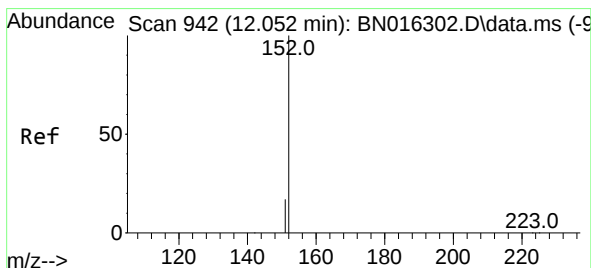
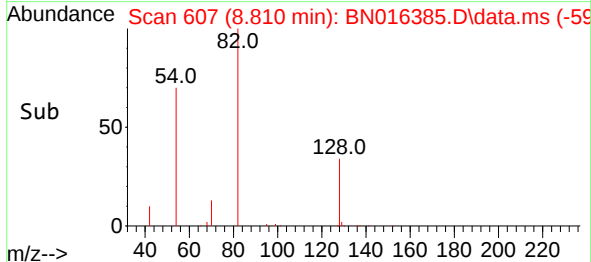
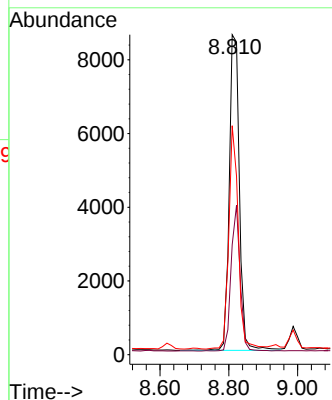
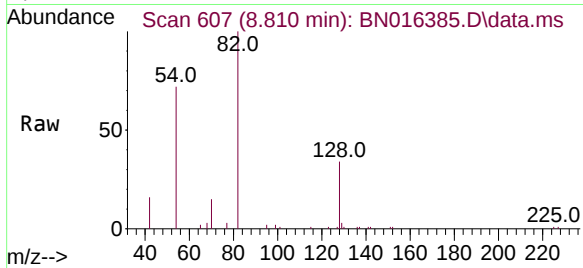




#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

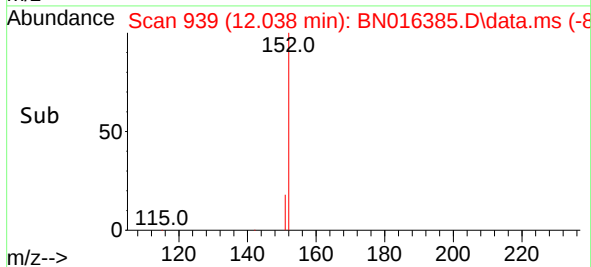
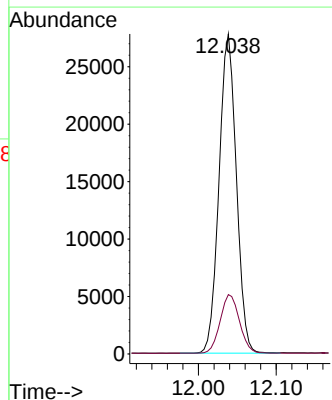
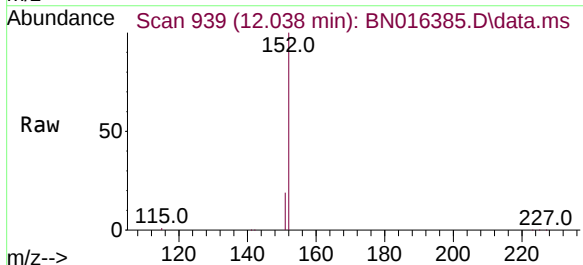
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(1.5)

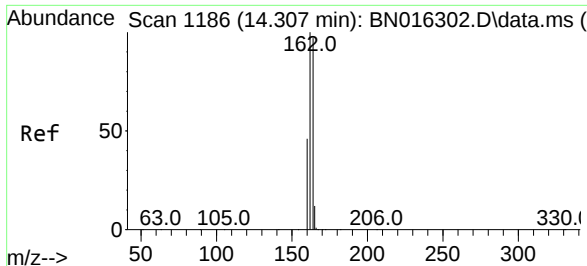
Tgt Ion: 82 Resp: 17547
Ion Ratio Lower Upper
82 100
128 34.4 31.7 47.5
54 71.6 46.4 69.6#



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

Tgt Ion: 152 Resp: 42956
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1

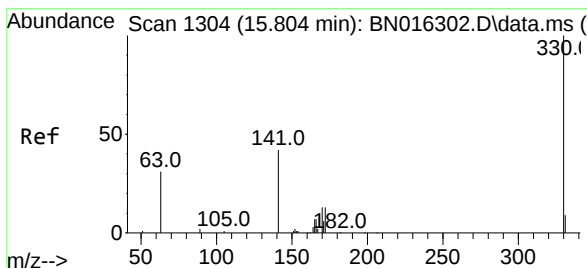
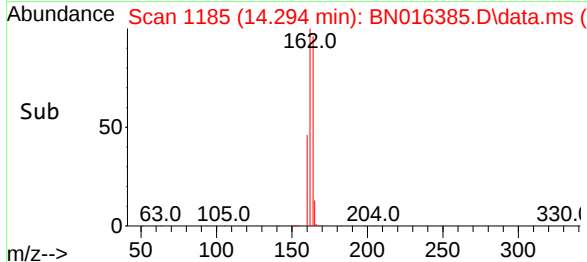
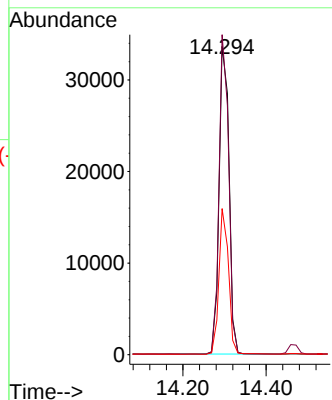
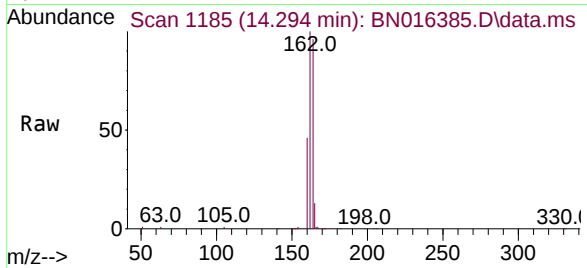




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

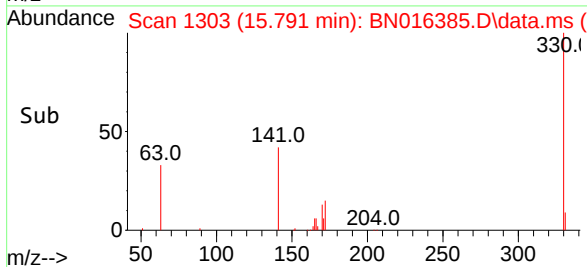
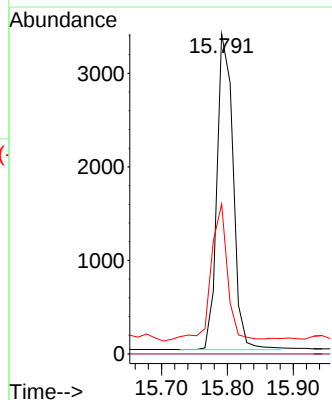
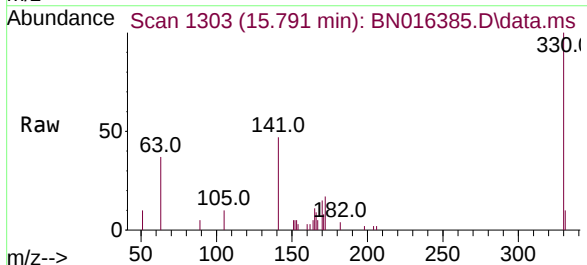
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(1.5)

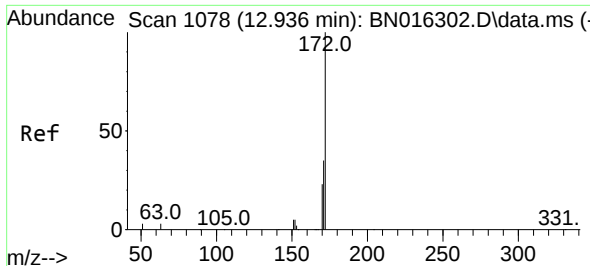
Tgt Ion:164 Resp: 55846
Ion Ratio Lower Upper
164 100
162 103.8 79.0 118.4
160 47.4 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

Tgt Ion:330 Resp: 5737
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.2 25.0 37.4#

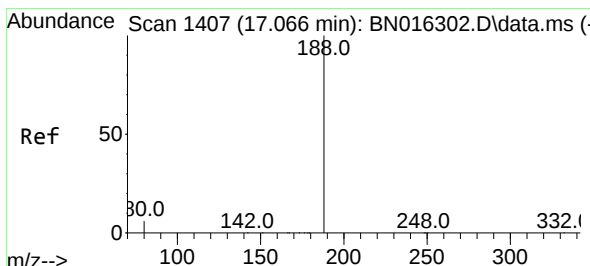
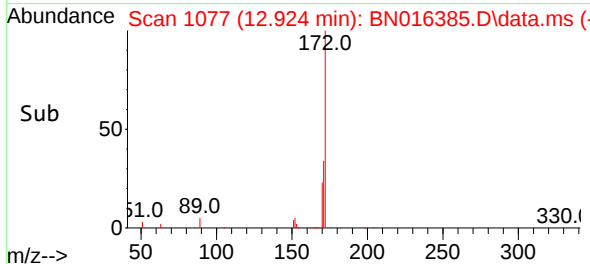
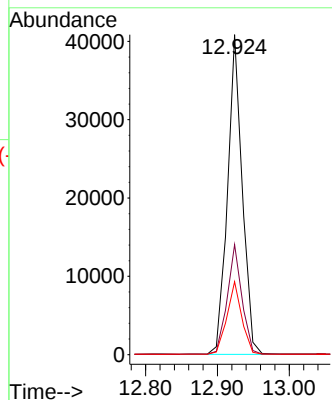
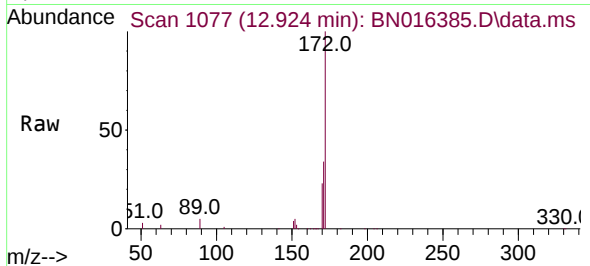




#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

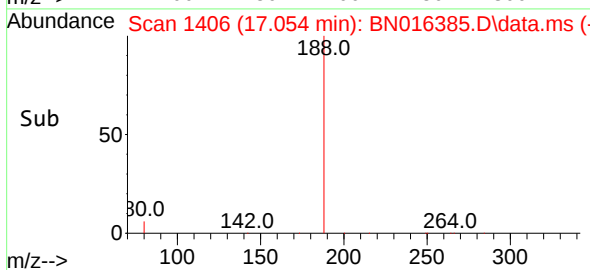
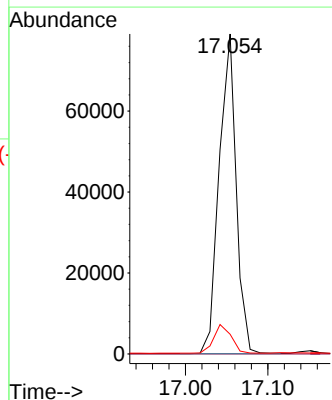
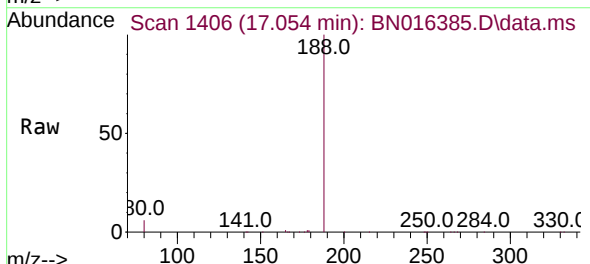
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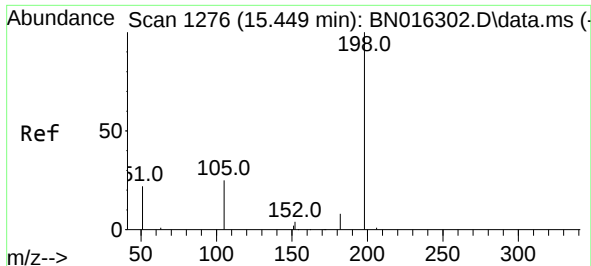
Tgt Ion:172 Resp: 57948
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 22.8 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

Tgt Ion:188 Resp: 113247
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 7.0 10.6#

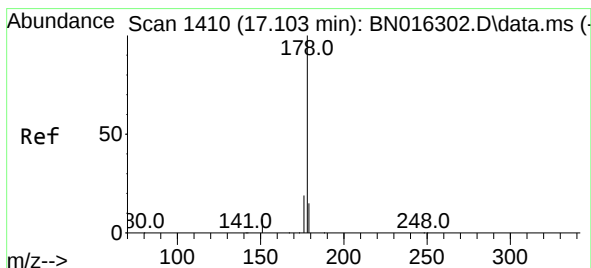
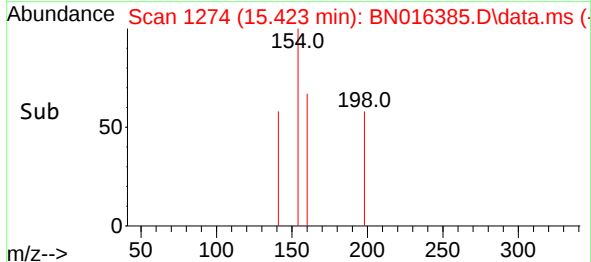
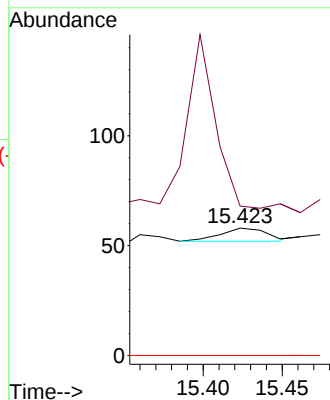
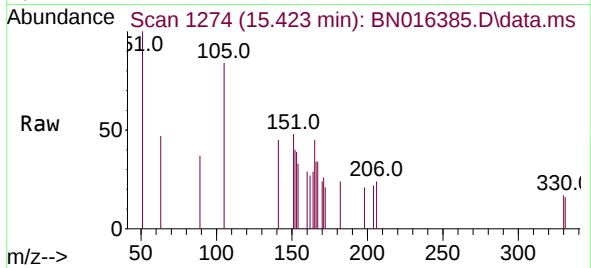




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

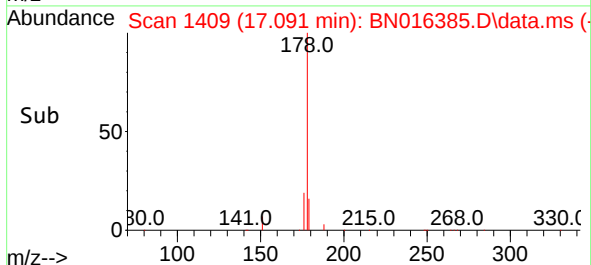
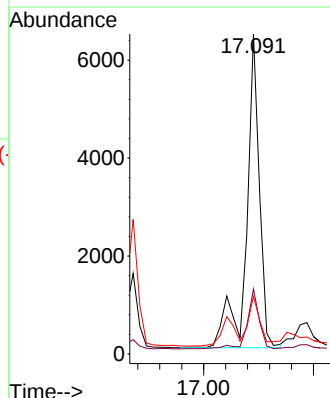
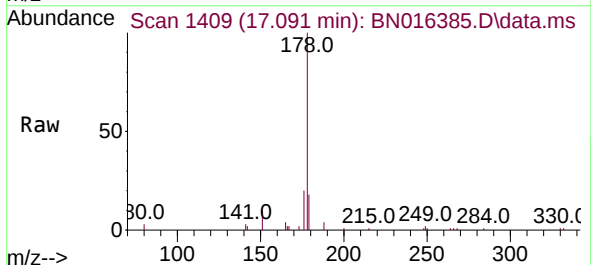
Instrument :
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SW-RR-01-(1.5)

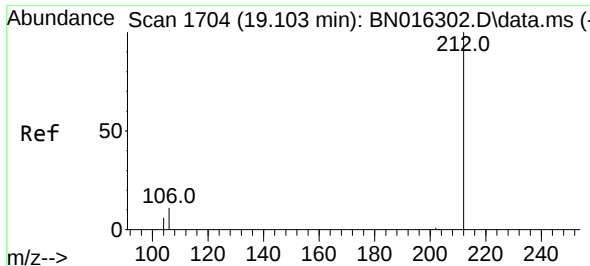
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
182 117.2 26.6 39.8#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.033 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

Tgt Ion:178 Resp: 10579
Ion Ratio Lower Upper
178 100
176 17.3 14.4 21.6
179 13.5 12.2 18.4

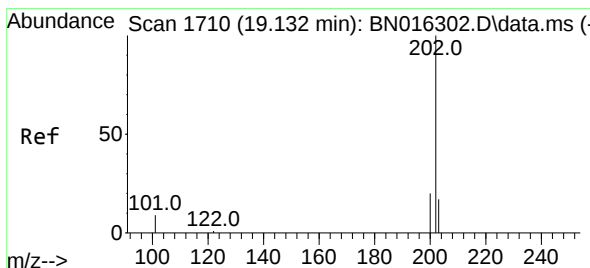
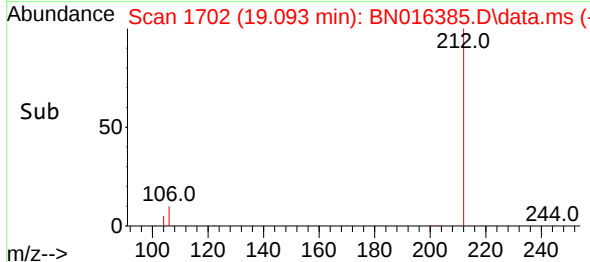
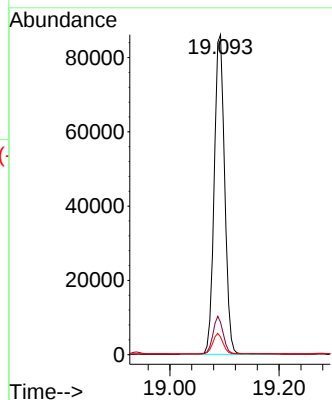
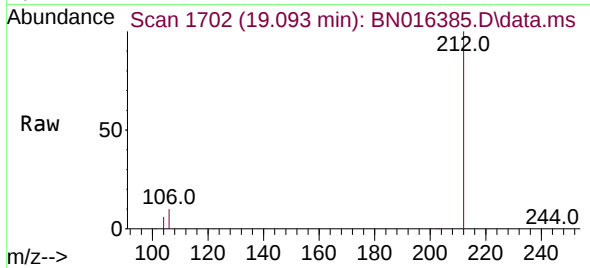




#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

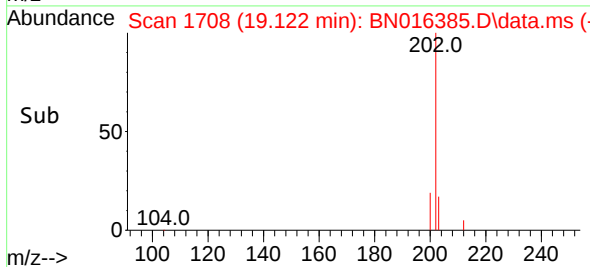
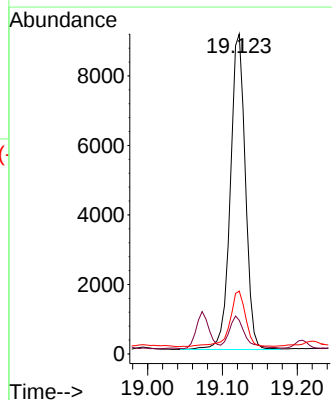
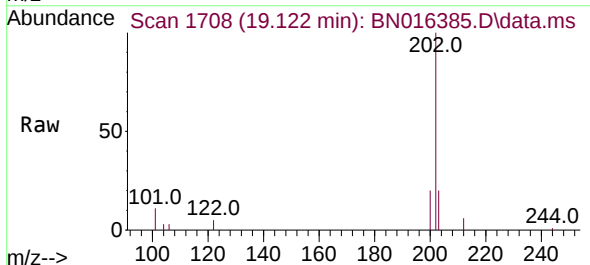
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(1.5)

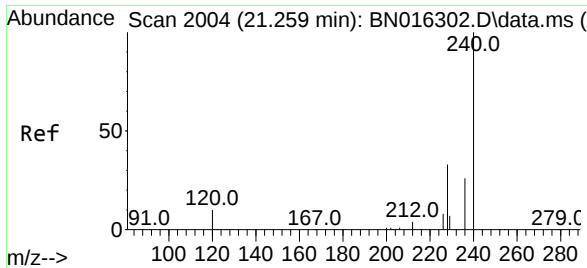
Tgt Ion:212 Resp: 114406
Ion Ratio Lower Upper
212 100
106 11.4 9.8 14.6
104 6.2 5.4 8.2



#28
Fluoranthene
Concen: 0.034 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

Tgt Ion:202 Resp: 12649
Ion Ratio Lower Upper
202 100
101 10.0 8.5 12.7
203 18.5 13.8 20.8

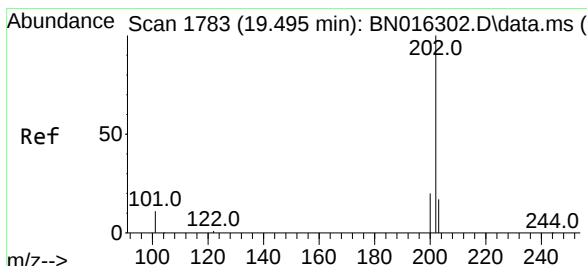
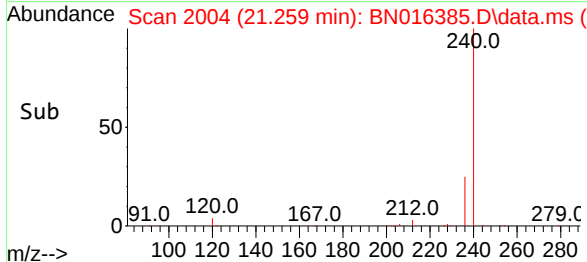
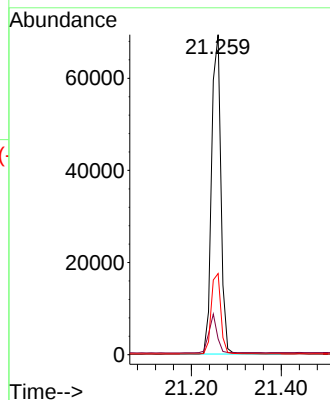
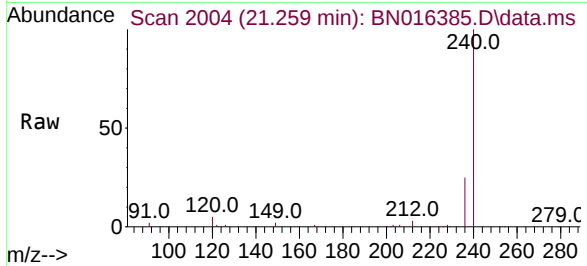




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

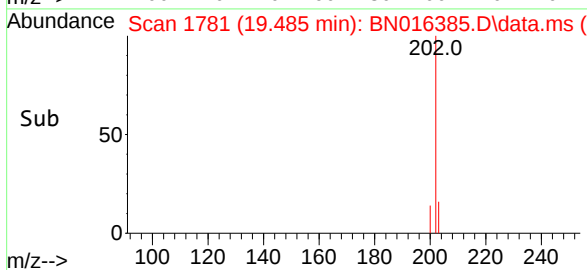
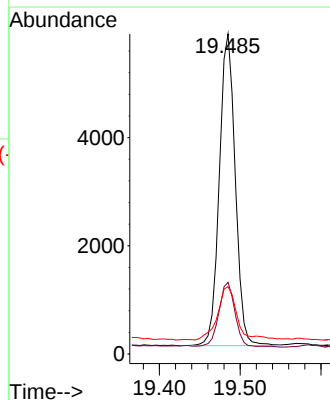
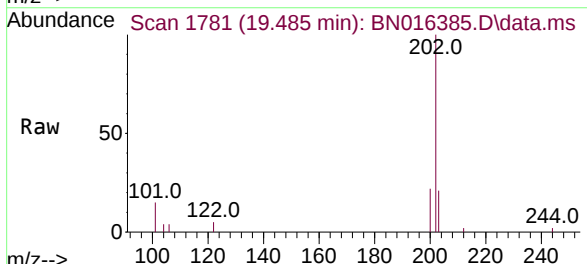
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(1.5)

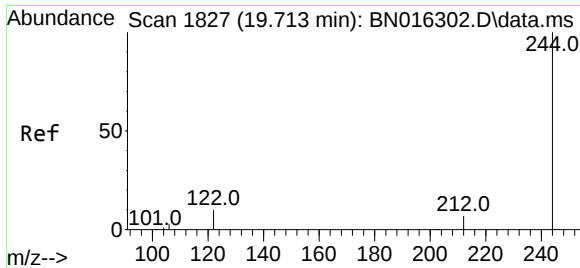
Tgt Ion:240 Resp: 99363
Ion Ratio Lower Upper
240 100
120 5.0 5.3 7.9#
236 25.4 19.8 29.8



#30
Pyrene
Concen: 0.025 ng
RT: 19.485 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN016385.D
Acq: 21 Sep 2021 20:20

Tgt Ion:202 Resp: 7924
Ion Ratio Lower Upper
202 100
200 21.3 15.8 23.6
203 20.8 13.9 20.9

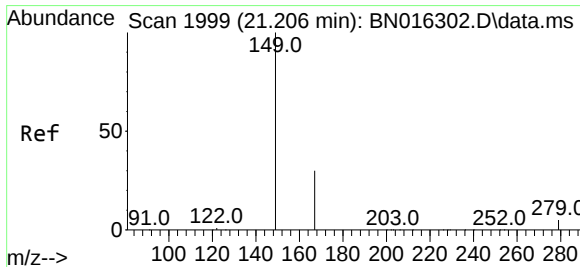
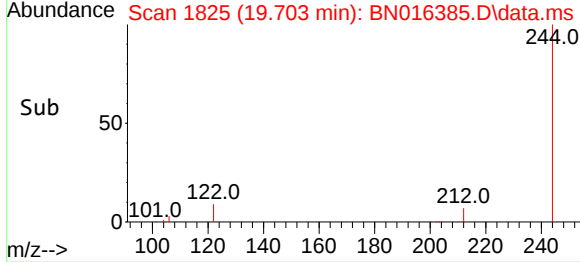
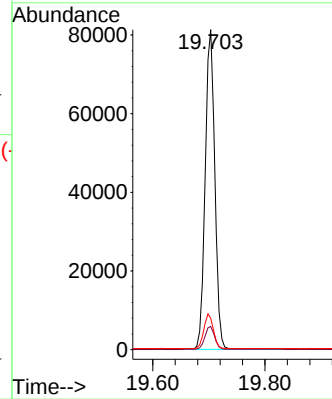
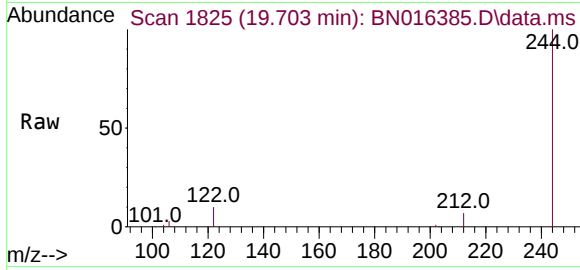




#31
 Terphenyl-d14
 Concen: 0.419 ng
 RT: 19.703 min Scan# 1825
 Delta R.T. 0.000 min
 Lab File: BN016385.D
 Acq: 21 Sep 2021 20:20

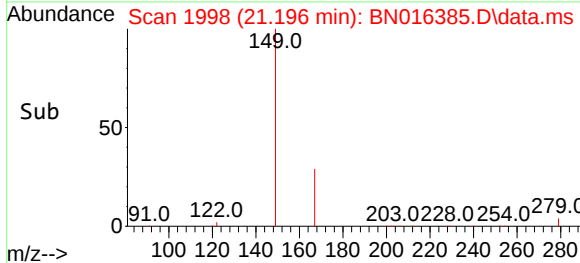
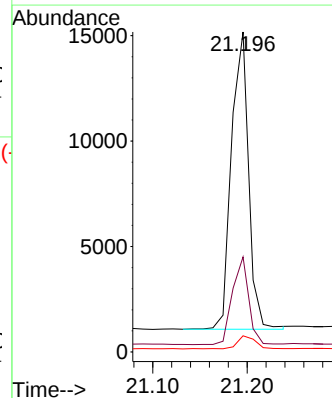
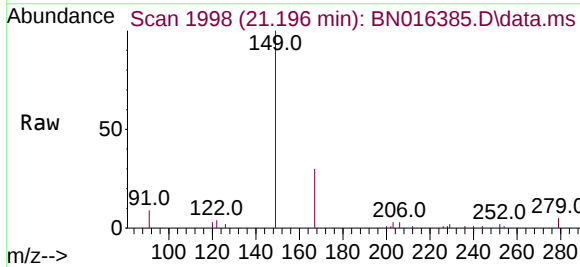
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(1.5)

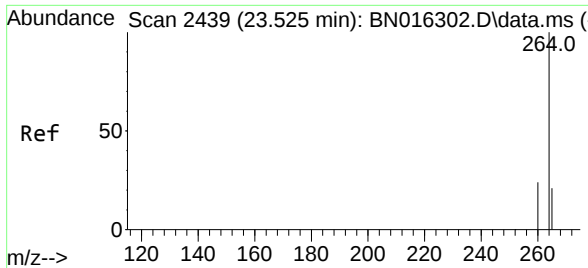
Tgt Ion:244	Resp:	96368
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.5 8.3
122	9.8	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.103 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN016385.D
 Acq: 21 Sep 2021 20:20

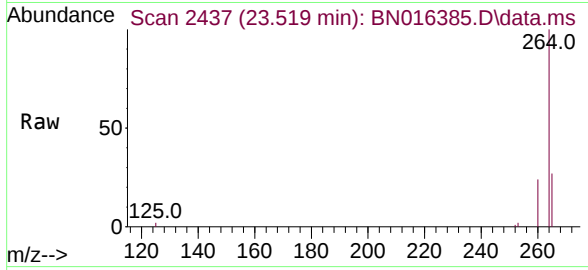
Tgt Ion:149	Resp:	17812
Ion Ratio	Lower	Upper
149	100	
167	28.1	23.4 35.0
279	4.9	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 2437
 Delta R.T. -0.003 min
 Lab File: BN016385.D
 Acq: 21 Sep 2021 20:20

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(1.5)



Tgt Ion:264 Resp: 90237

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	27.1	23.7	35.5

