

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016315.D
 Acq On : 18 Sep 2021 02:31
 Operator : CG/JU
 Sample : M3774-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-03-(1.0)

Quant Time: Sep 18 03:02:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 23:59:14 2021
 Response via : Initial Calibration

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

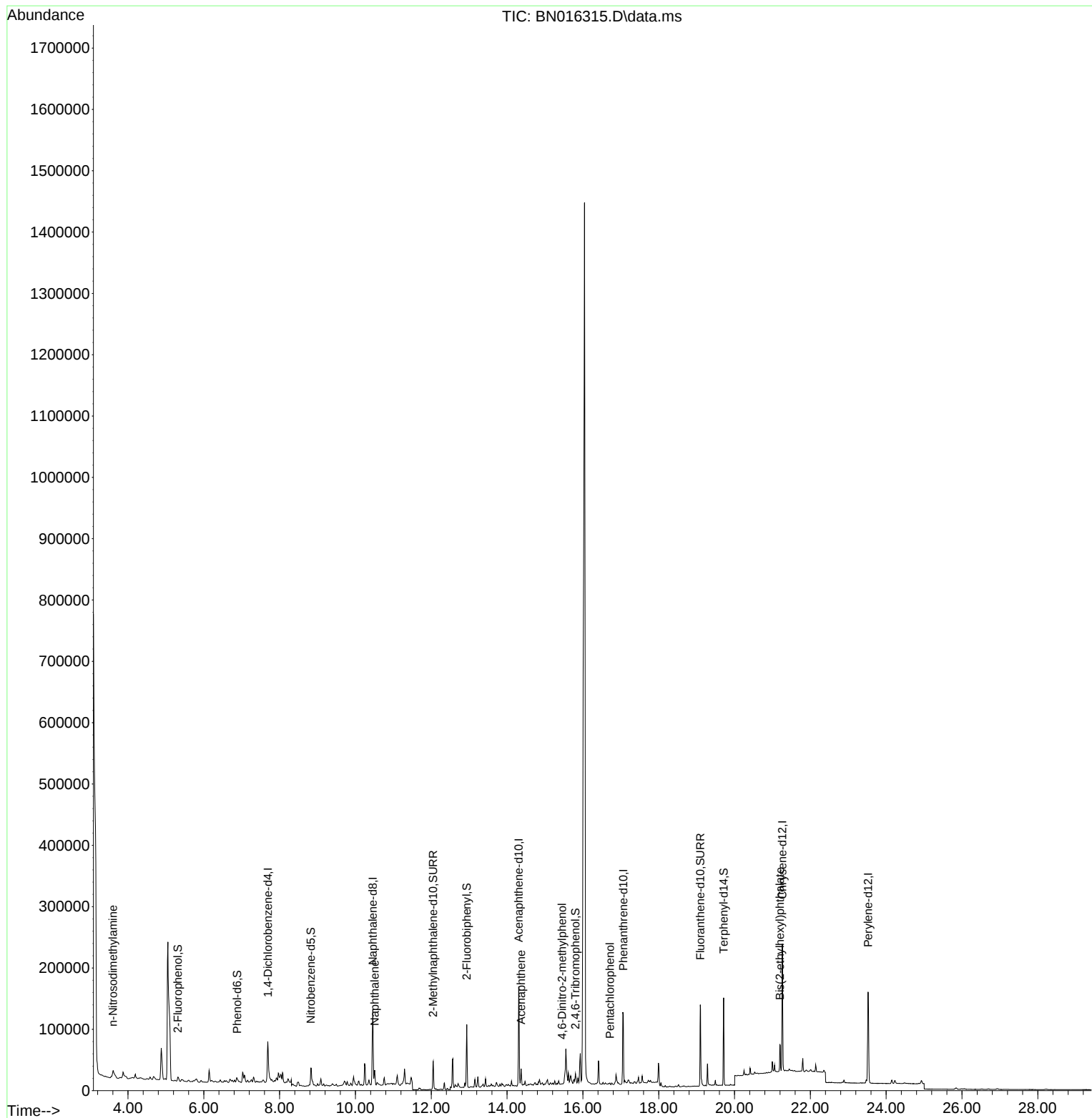
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	35065	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	158718	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	89942	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	178255	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	186533	0.400	ng	# 0.00
35) Perylene-d12	23.522	264	196598	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	9206	0.105	ng	0.02
5) Phenol-d6	6.877	99	6894	0.065	ng	0.00
8) Nitrobenzene-d5	8.822	82	24978	0.265	ng	-0.01
11) 2-Methylnaphthalene-d10	12.052	152	61005	0.244	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	10154	0.384	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	84797	0.241	ng	0.00
27) Fluoranthene-d10	19.098	212	147465	0.286	ng	0.00
31) Terphenyl-d14	19.713	244	139874	0.324	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.604	42	3998	0.120	ng	# 1
9) Naphthalene	10.508	128	28868	0.068	ng	96
17) Acenaphthene	14.370	154	12738	0.049	ng	96
20) 4,6-Dinitro-2-methylph...	15.449	198	175	0.166	ng	# 1
24) Pentachlorophenol	16.713	266	881	0.027	ng	96
34) Bis(2-ethylhexyl)phtha...	21.196	149	45390	0.140	ng	99

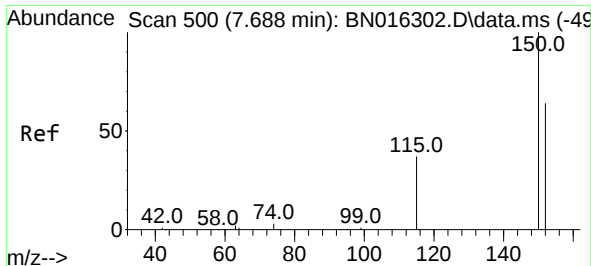
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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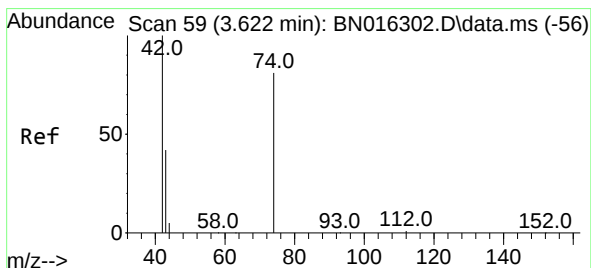
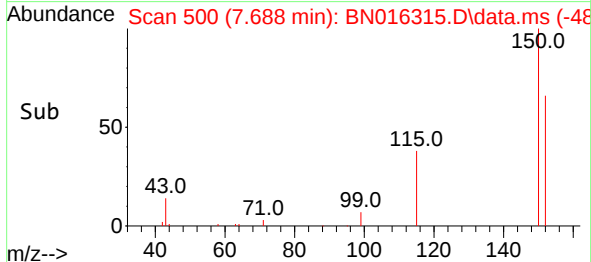
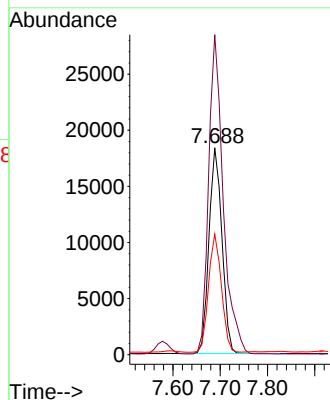
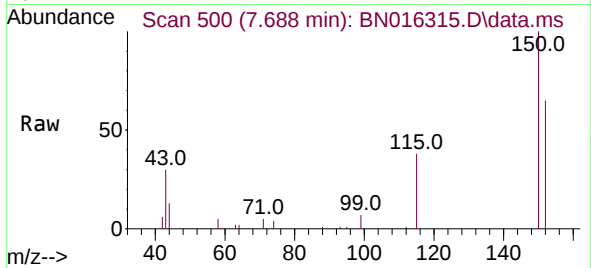




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

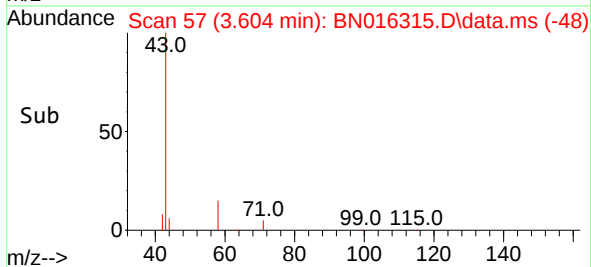
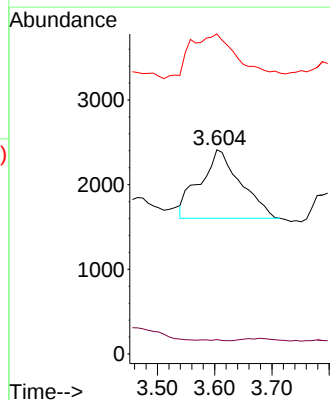
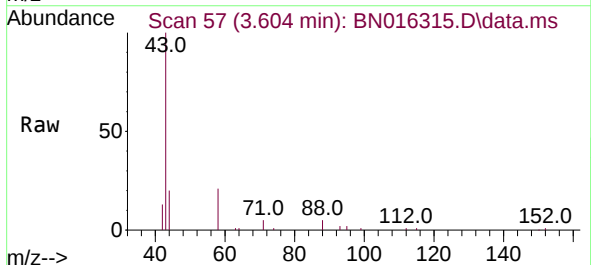
Instrument :
BNA_N
ClientSampleId :
SW-CB-03-(1.0)

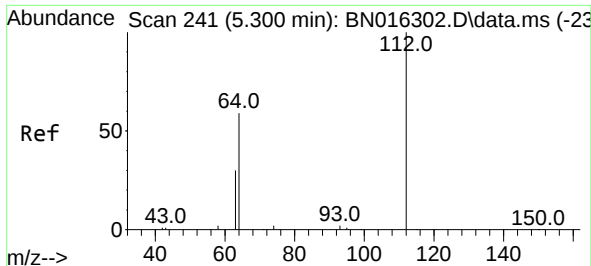
Tgt Ion:152 Resp: 35065
Ion Ratio Lower Upper
152 100
150 154.7 125.6 188.4
115 58.3 50.2 75.2



#3
n-Nitrosodimethylamine
Concen: 0.120 ng
RT: 3.604 min Scan# 57
Delta R.T. -0.018 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

Tgt Ion: 42 Resp: 3998
Ion Ratio Lower Upper
42 100
74 0.0 113.6 170.4#
44 65.4 0.0 0.0#

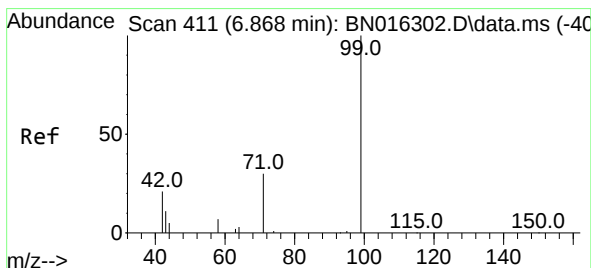
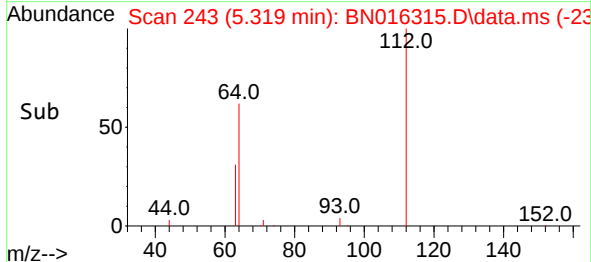
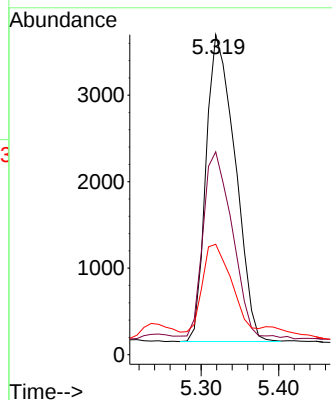
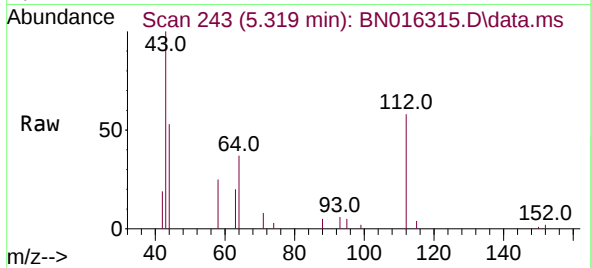




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.018 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

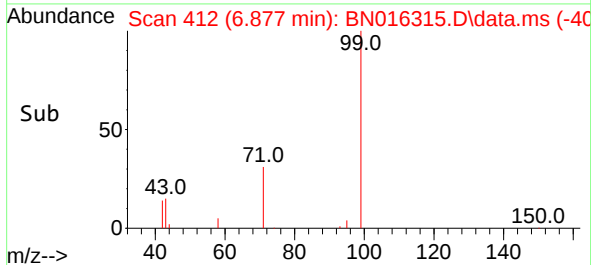
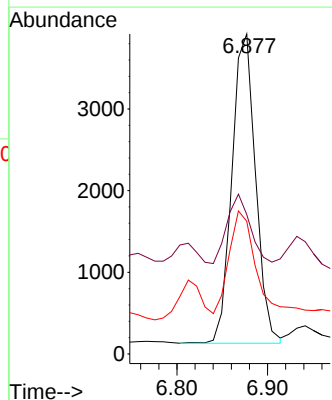
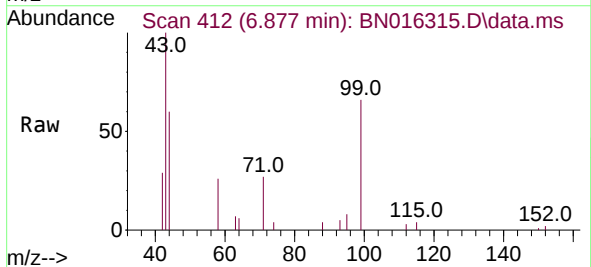
Instrument :
BNA_N
ClientSampleId :
SW-CB-03-(1.0)

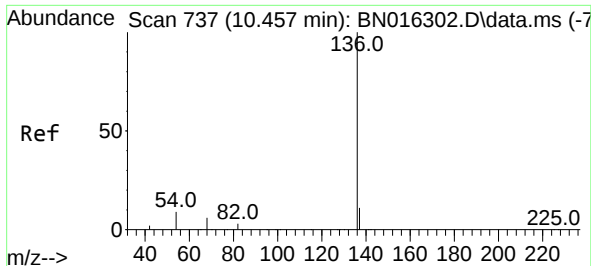
Tgt Ion:112 Resp: 9206
Ion Ratio Lower Upper
112 100
64 60.8 47.3 70.9
63 28.6 23.4 35.0



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

Tgt Ion: 99 Resp: 6894
Ion Ratio Lower Upper
99 100
42 21.6 14.0 21.0#
71 37.1 23.8 35.6#

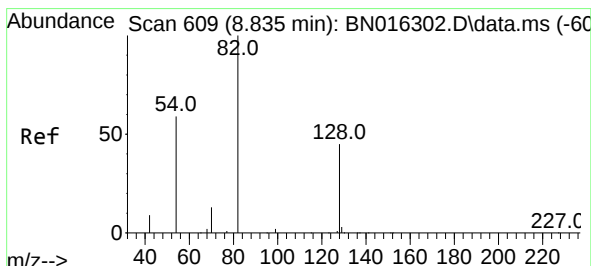
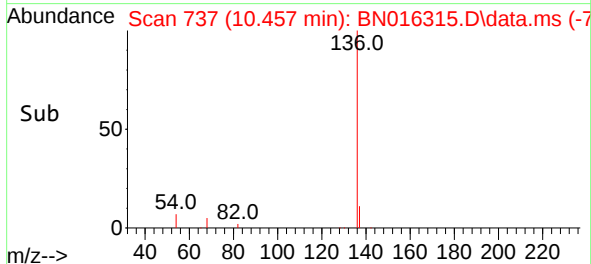
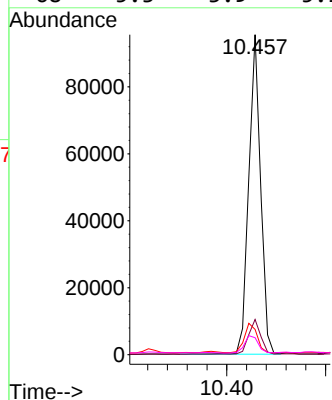
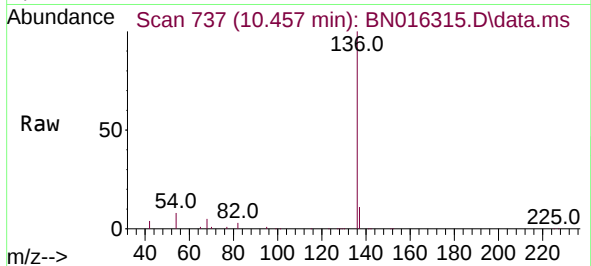




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

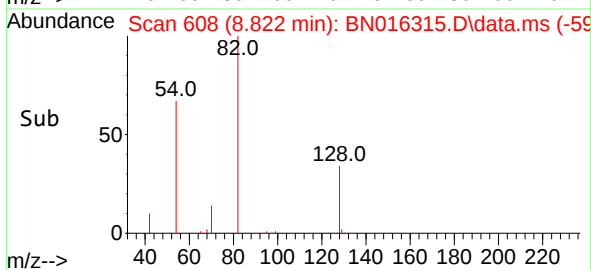
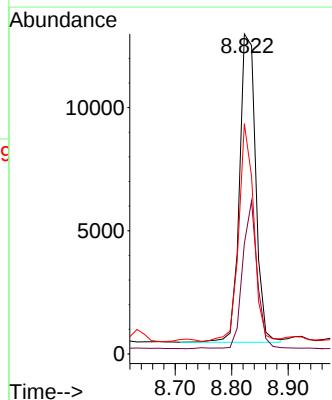
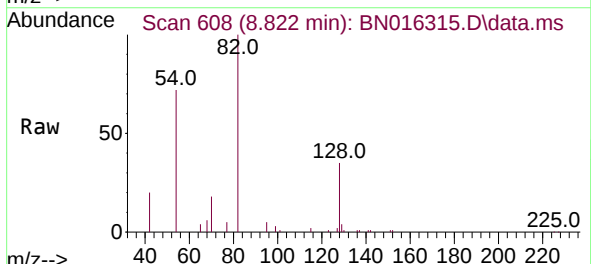
Instrument :
BNA_N
ClientSampleId :
SW-CB-03-(1.0)

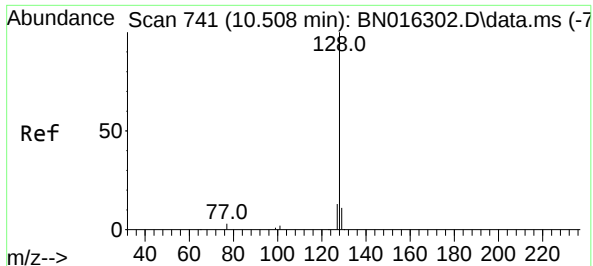
Tgt Ion:	136	Resp:	158718
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.9	5.3	7.9
68	5.3	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

Tgt Ion:	82	Resp:	24978
Ion Ratio	Lower	Upper	
82	100		
128	34.6	31.7	47.5
54	71.9	46.4	69.6#

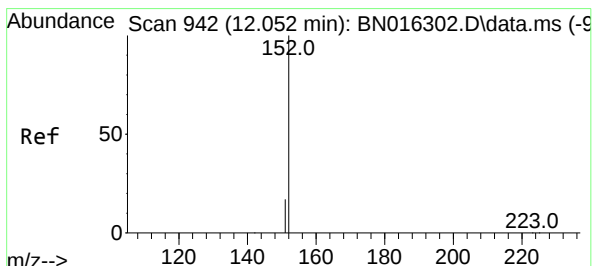
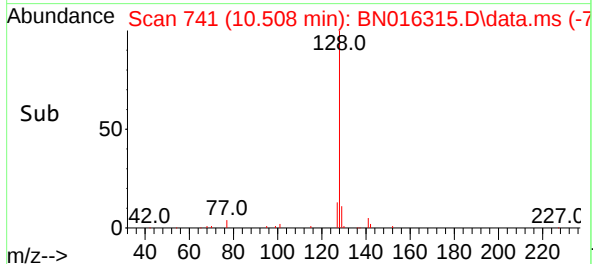
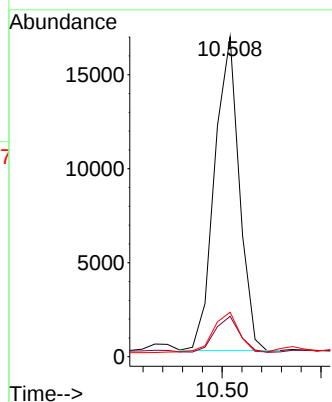
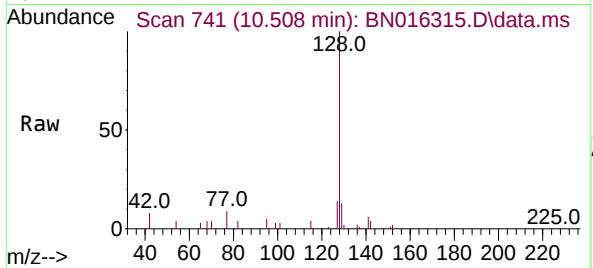




#9
Naphthalene
Concen: 0.068 ng
RT: 10.508 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

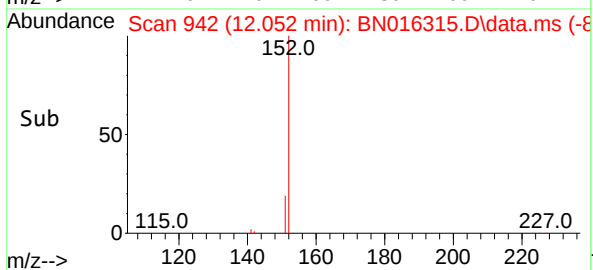
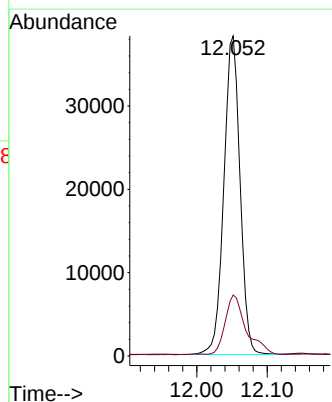
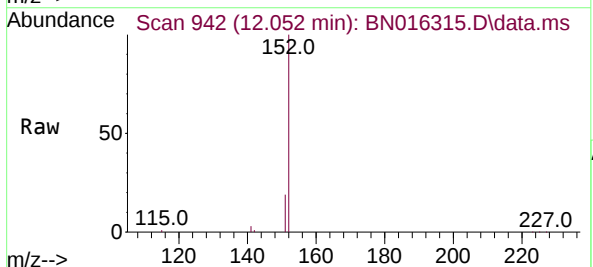
Instrument :
BNA_N
ClientSampleId :
SW-CB-03-(1.0)

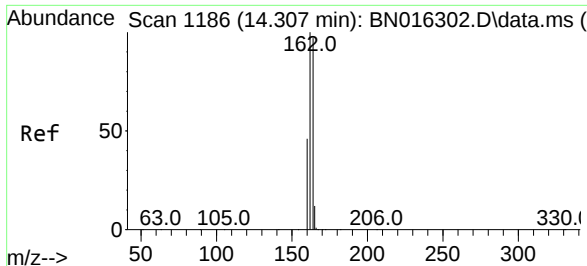
Tgt Ion:128 Resp: 28868
Ion Ratio Lower Upper
128 100
129 12.6 8.9 13.3
127 13.9 10.1 15.1



#11
2-Methylnaphthalene-d10
Concen: 0.244 ng
RT: 12.052 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

Tgt Ion:152 Resp: 61005
Ion Ratio Lower Upper
152 100
151 23.9 16.1 24.1

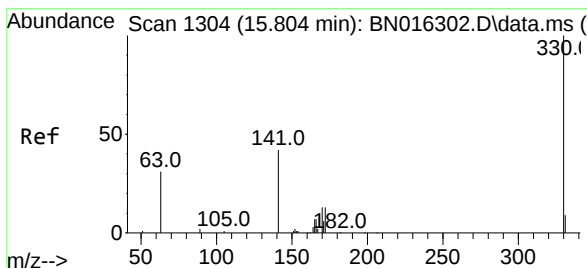
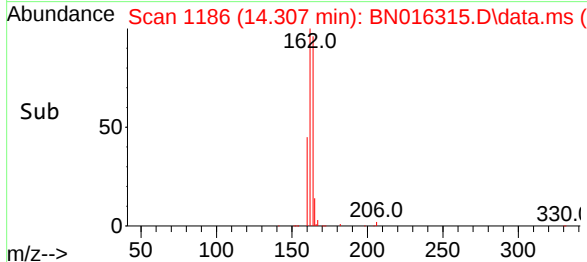
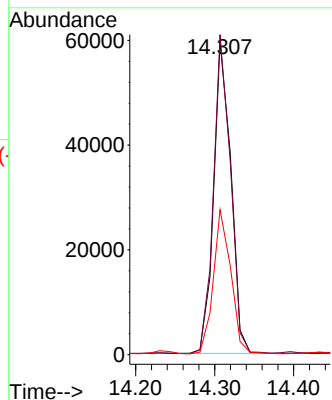
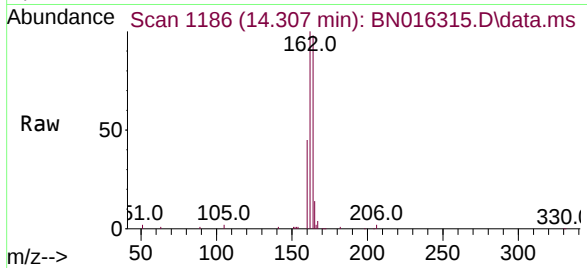




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

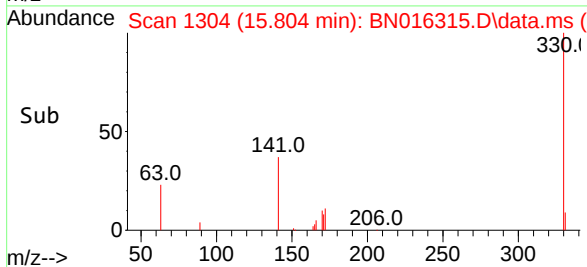
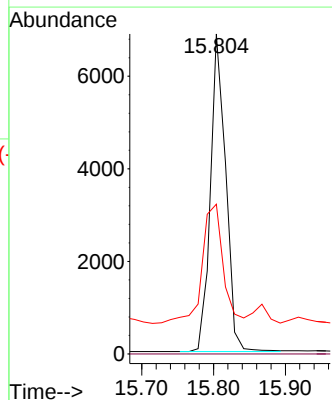
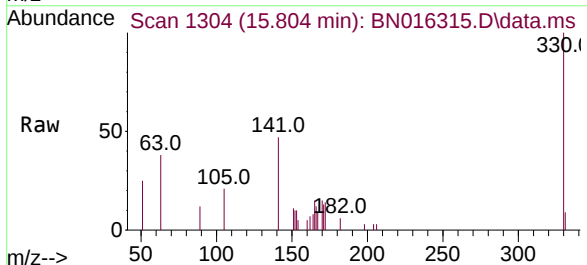
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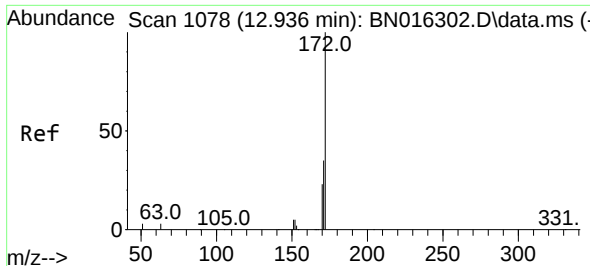
Tgt Ion:164 Resp: 89942
Ion Ratio Lower Upper
164 100
162 102.2 79.0 118.4
160 46.3 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

Tgt Ion:330 Resp: 10154
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.4 25.0 37.4#

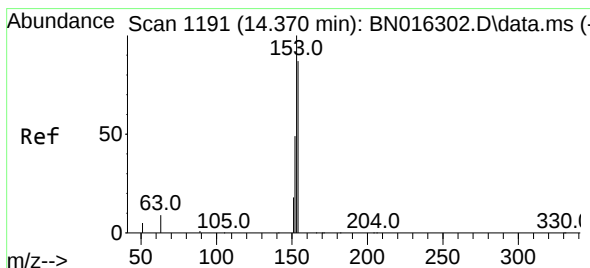
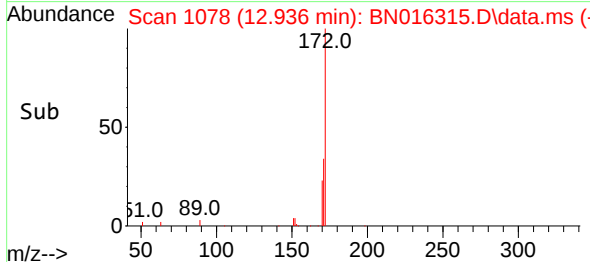
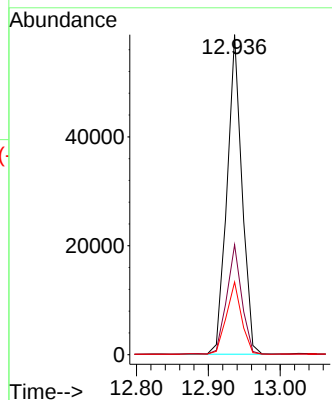
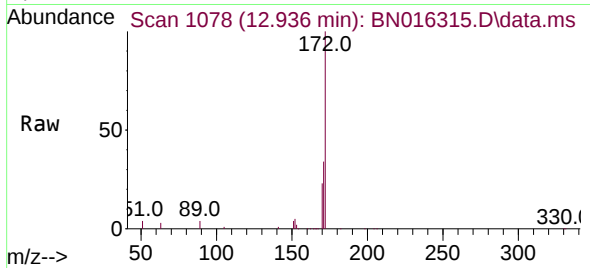




#15
2-Fluorobiphenyl
Concen: 0.241 ng
RT: 12.936 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

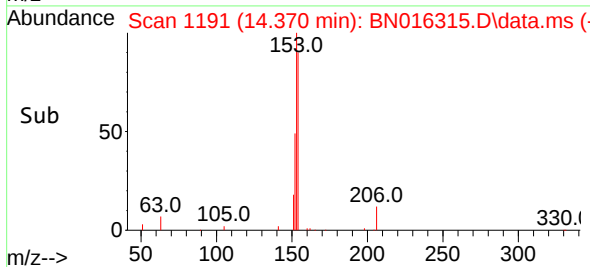
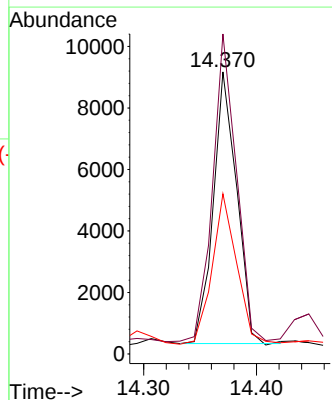
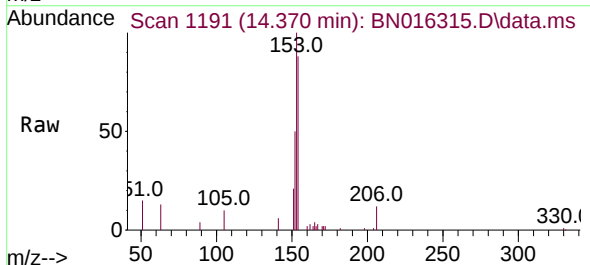
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ClientSampleId :
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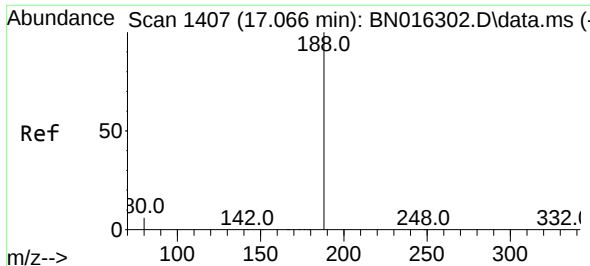
Tgt Ion:	172	Resp:	84797
Ion Ratio	Lower	Upper	
172	100		
171	34.4	27.8	41.6
170	22.7	18.2	27.2



#17
Acenaphthene
Concen: 0.049 ng
RT: 14.370 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

Tgt Ion:	154	Resp:	12738
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.3	133.9
152	58.1	42.2	63.4

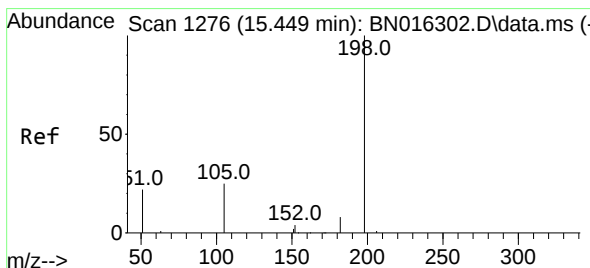
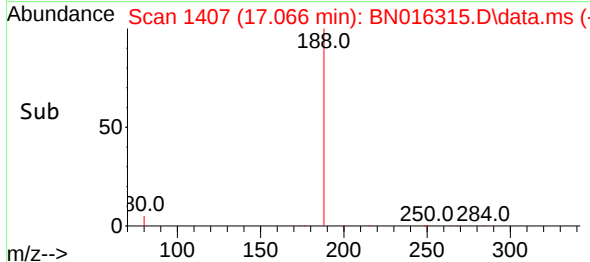
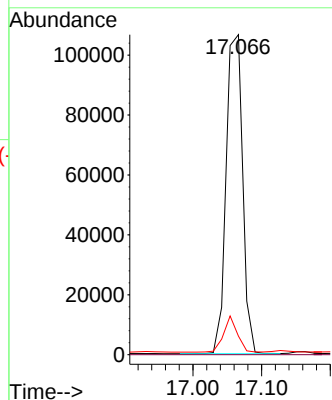
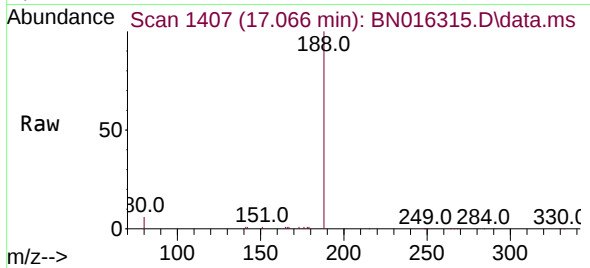




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

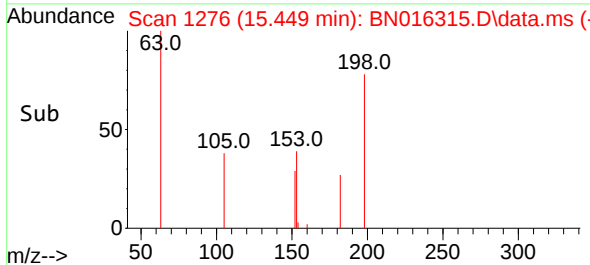
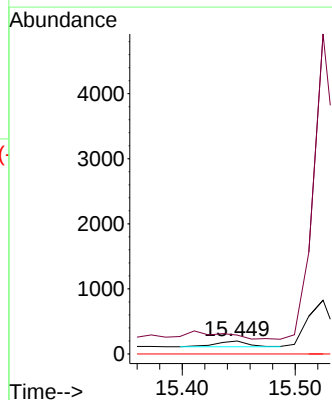
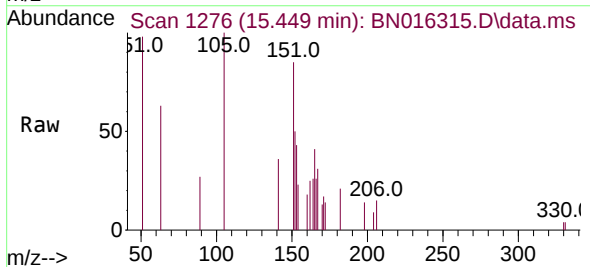
Instrument :
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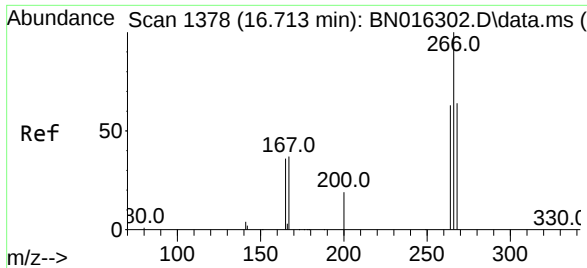
Tgt Ion:188 Resp: 178255
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.8 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.166 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

Tgt Ion:198 Resp: 175
Ion Ratio Lower Upper
198 100
182 145.7 26.6 39.8#
77 0.0 0.0 0.0

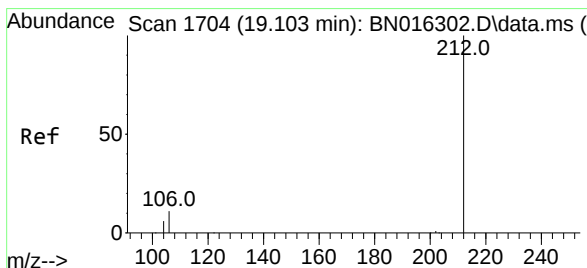
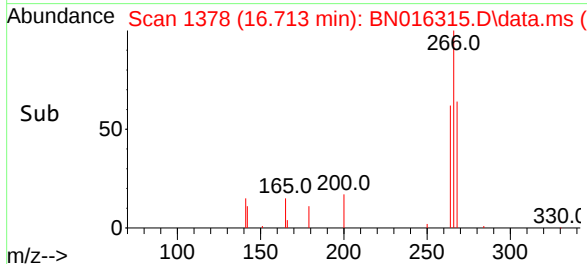
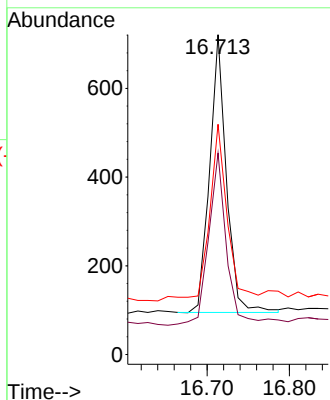
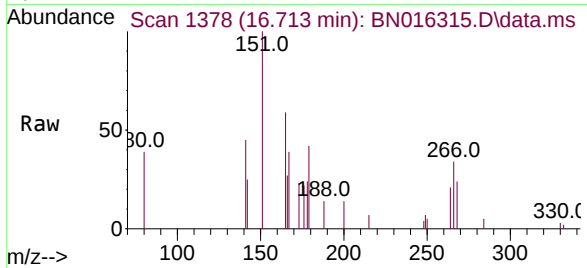




#24
 Pentachlorophenol
 Concen: 0.027 ng
 RT: 16.713 min Scan# 1378
 Delta R.T. 0.000 min
 Lab File: BN016315.D
 Acq: 18 Sep 2021 02:31

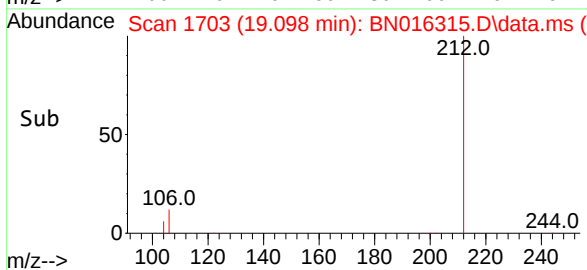
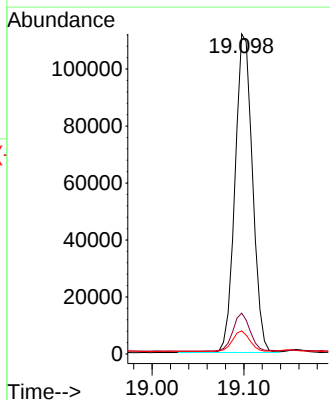
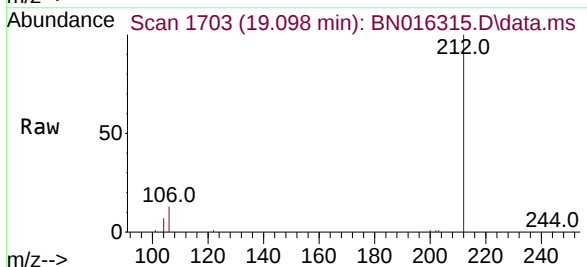
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-03-(1.0)

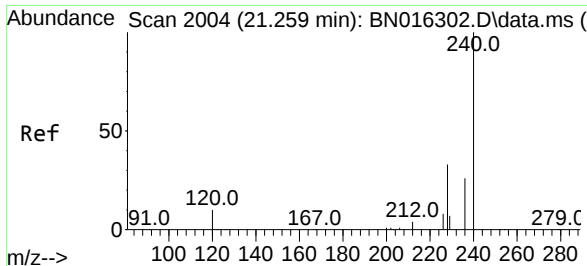
Tgt Ion:	266	Resp:	881
Ion Ratio	Lower	Upper	
266	100		
264	68.1	50.6	75.8
268	67.9	52.6	79.0



#27
 Fluoranthene-d10
 Concen: 0.286 ng
 RT: 19.098 min Scan# 1703
 Delta R.T. -0.005 min
 Lab File: BN016315.D
 Acq: 18 Sep 2021 02:31

Tgt Ion:	212	Resp:	147465
Ion Ratio	Lower	Upper	
212	100		
106	11.7	9.8	14.6
104	6.4	5.4	8.2

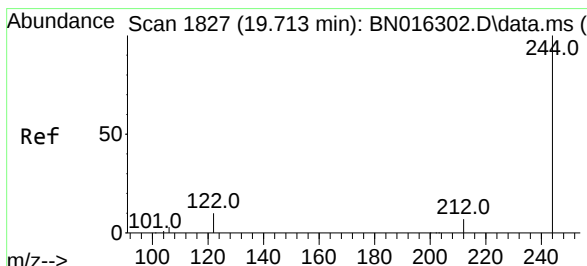
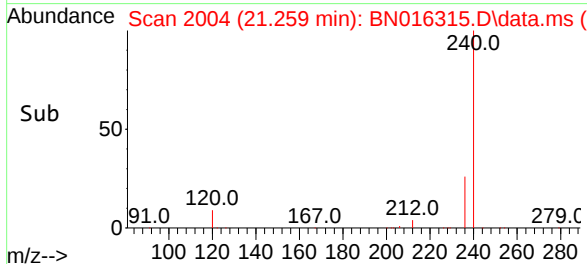
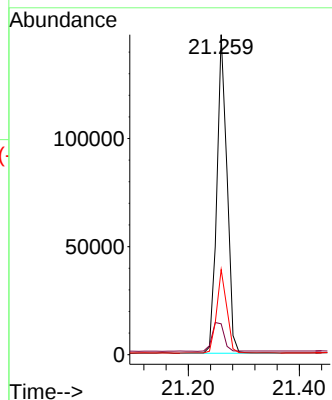
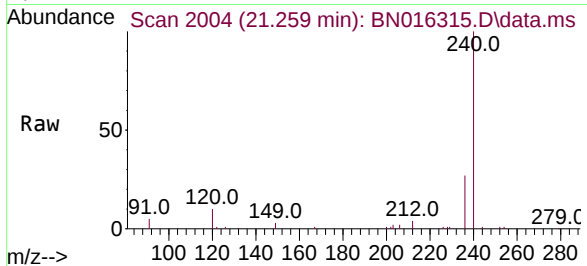




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

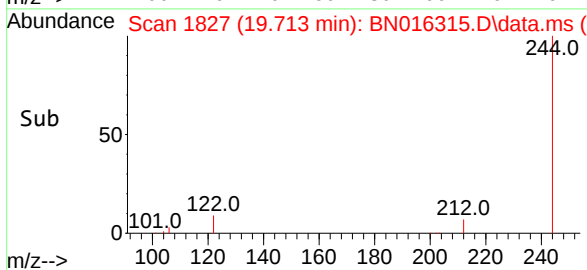
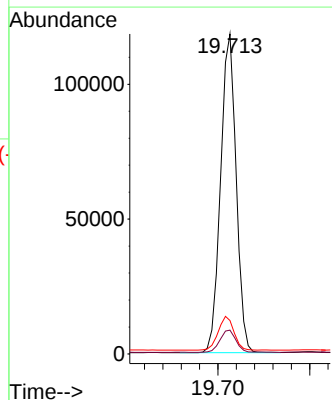
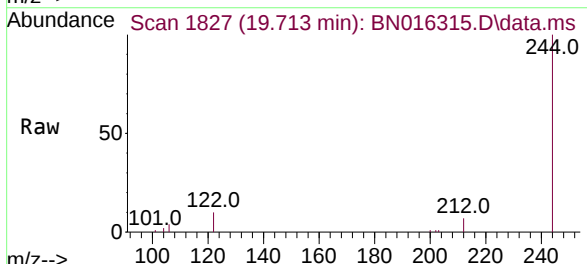
Instrument :
BNA_N
ClientSampleId :
SW-CB-03-(1.0)

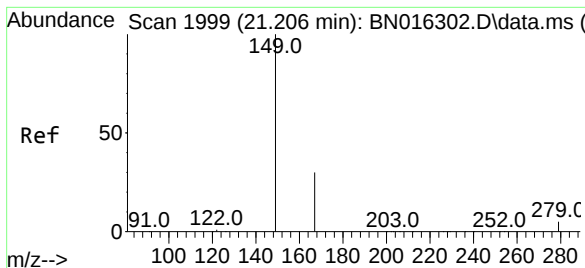
Tgt Ion:240 Resp: 186533
Ion Ratio Lower Upper
240 100
120 9.7 5.3 7.9#
236 26.6 19.8 29.8



#31
Terphenyl-d14
Concen: 0.324 ng
RT: 19.713 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN016315.D
Acq: 18 Sep 2021 02:31

Tgt Ion:244 Resp: 139874
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 10.5 9.0 13.4

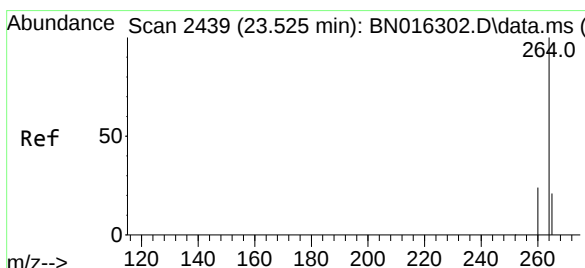
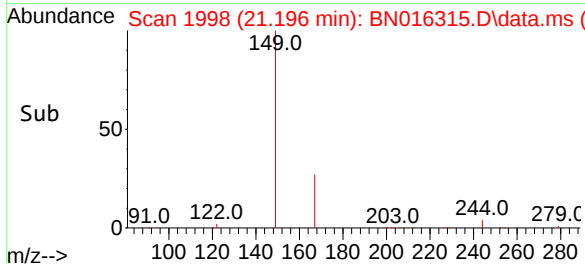
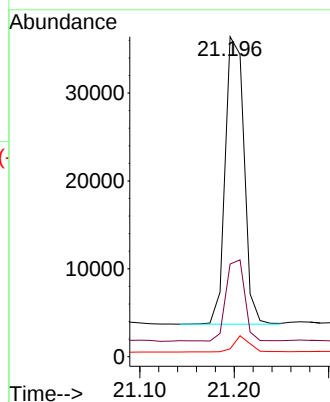
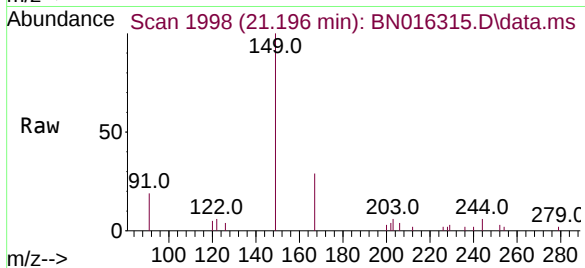




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.140 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. -0.011 min
 Lab File: BN016315.D
 Acq: 18 Sep 2021 02:31

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-03-(1.0)

Tgt Ion:149 Resp: 45390
 Ion Ratio Lower Upper
 149 100
 167 28.4 23.4 35.0
 279 5.1 3.9 5.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 2438
 Delta R.T. -0.003 min
 Lab File: BN016315.D
 Acq: 18 Sep 2021 02:31

Tgt Ion:264 Resp: 196598
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 27.1 23.7 35.5

