

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
 Data File : BN016202.D
 Acq On : 04 Sep 2021 20:30
 Operator : CG/JU
 Sample : M3561-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-082621

Quant Time: Sep 06 06:20:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 06 02:08:58 2021
 Response via : Initial Calibration

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

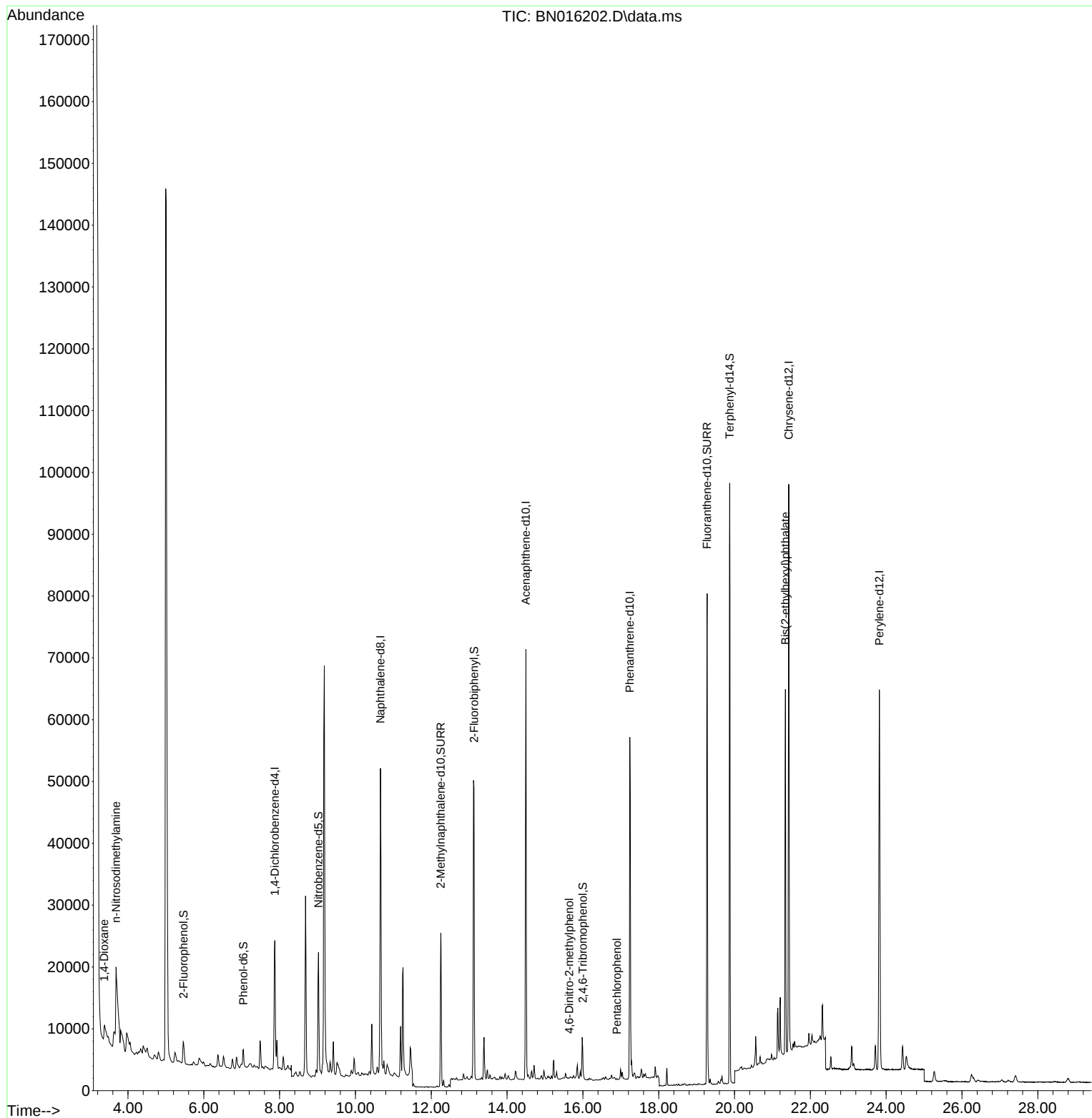
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	13164	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	70447	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	41156	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	83187	0.400	ng	#-0.01
29) Chrysene-d12	21.429	240	86713	0.400	ng	# 0.00
35) Perylene-d12	23.820	264	88119	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	4915	0.132	ng	0.00
5) Phenol-d6	7.043	99	3574	0.075	ng	0.00
8) Nitrobenzene-d5	9.025	82	18043	0.319	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	35249	0.314	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	5543	0.302	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	50765	0.327	ng	0.00
27) Fluoranthene-d10	19.276	212	94145	0.377	ng	0.00
31) Terphenyl-d14	19.872	244	103652	0.473	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	2114	0.502	ng	# 87
3) n-Nitrosodimethylamine	3.687	42	2161	0.211	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.639	198	21	0.287	ng	# 1
24) Pentachlorophenol	16.896	266	55	0.369	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.344	149	58065	0.296	ng	98

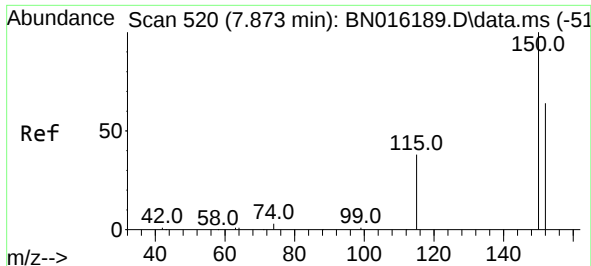
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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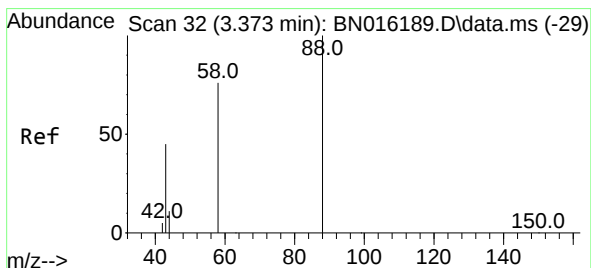
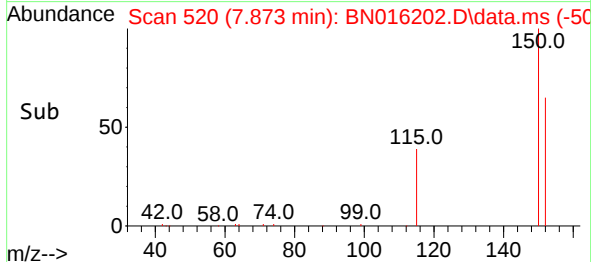
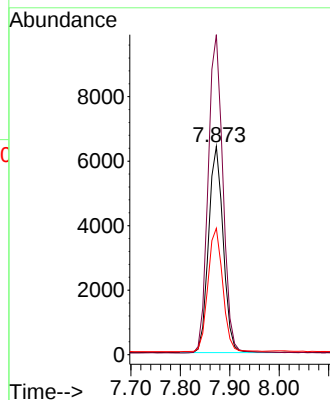
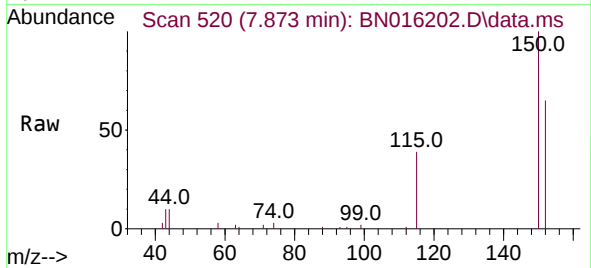




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.873 min Scan# 520
Delta R.T. -0.000 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

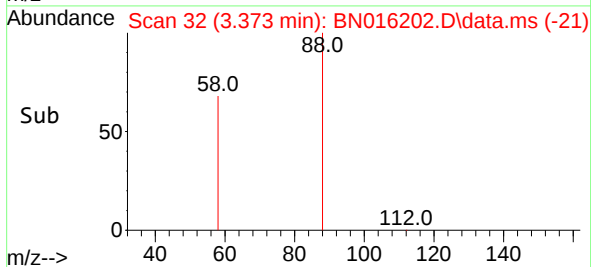
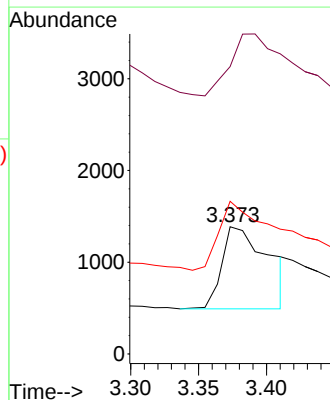
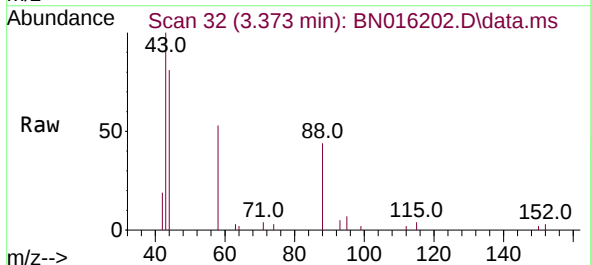
Instrument :
BNA_N
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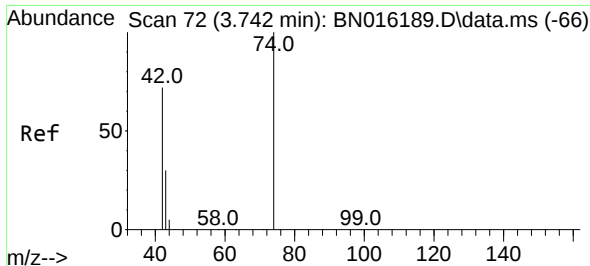
Tgt Ion:152 Resp: 13164
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 60.7 48.4 72.6



#2
1,4-Dioxane
Concen: 0.502 ng
RT: 3.373 min Scan# 32
Delta R.T. -0.000 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

Tgt Ion: 88 Resp: 2114
Ion Ratio Lower Upper
88 100
43 73.3 77.0 115.4#
58 86.4 70.8 106.2

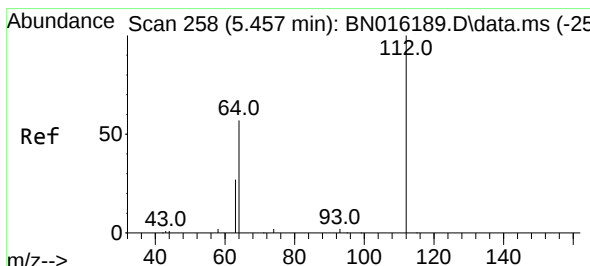
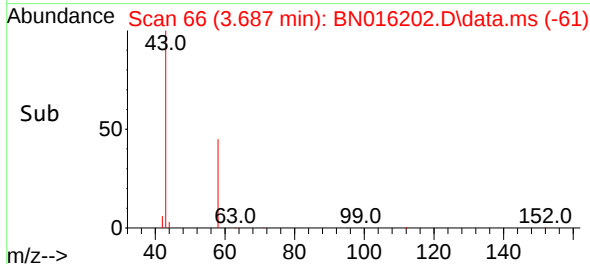
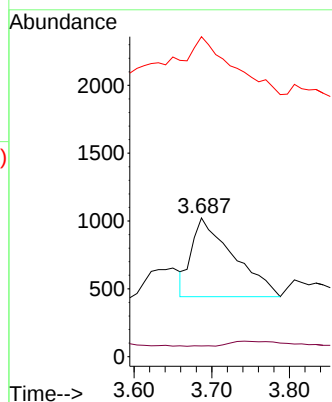
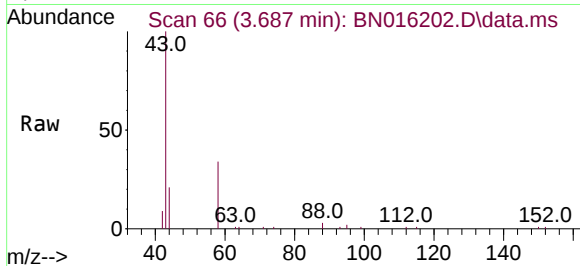




#3
n-Nitrosodimethylamine
Concen: 0.211 ng
RT: 3.687 min Scan# 66
Delta R.T. -0.055 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

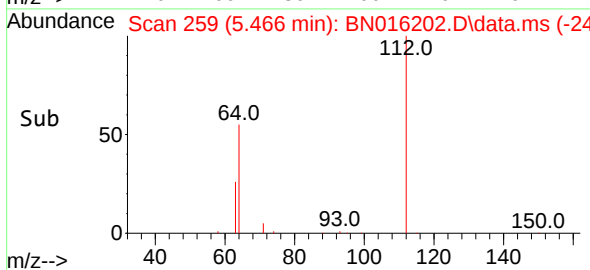
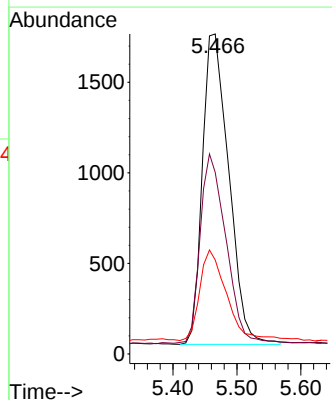
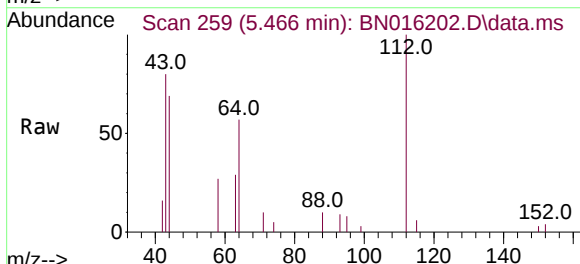
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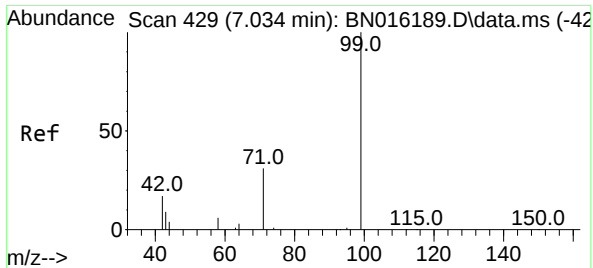
Tgt Ion: 42 Resp: 2161
Ion Ratio Lower Upper
42 100
74 0.0 112.2 168.4#
44 68.0 5.0 7.4#



#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.466 min Scan# 259
Delta R.T. 0.009 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

Tgt Ion: 112 Resp: 4915
Ion Ratio Lower Upper
112 100
64 59.8 46.8 70.2
63 29.6 22.7 34.1

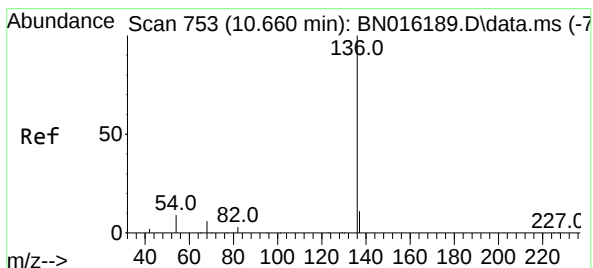
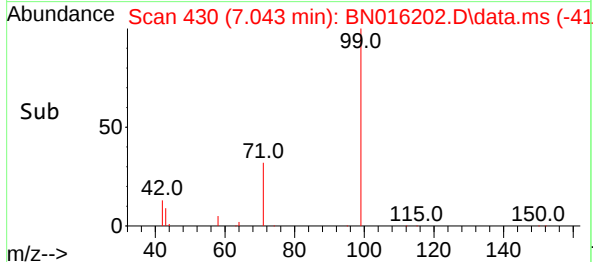
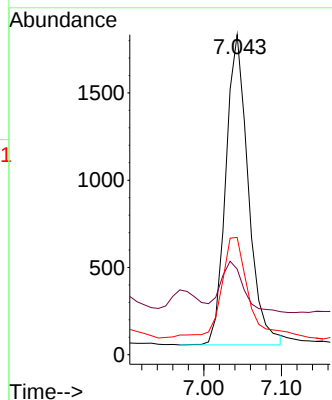
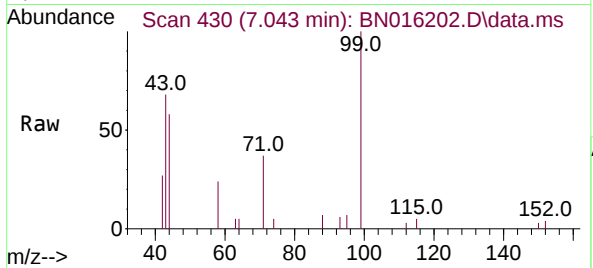




#5
Phenol-d6
Concen: 0.075 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

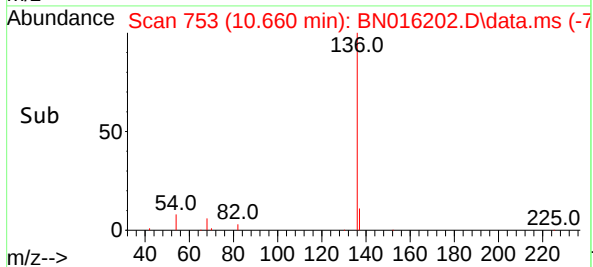
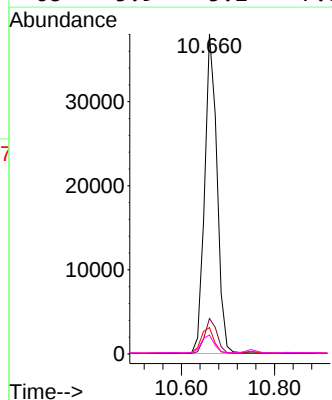
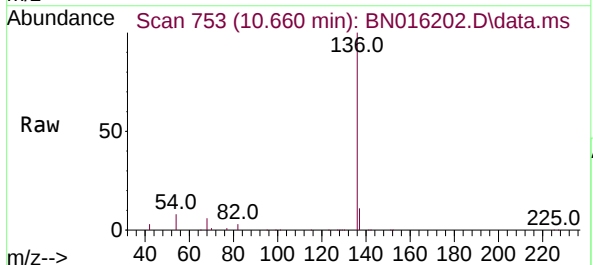
Instrument :
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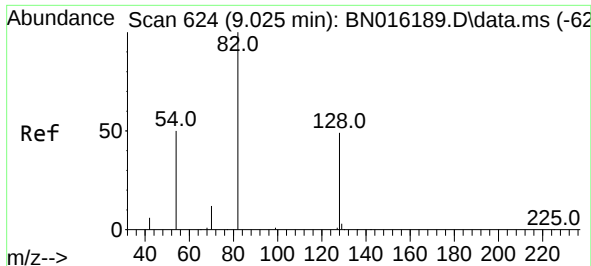
Tgt Ion:	99	Resp:	3574
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.8	20.6
71	37.4	24.3	36.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

Tgt Ion:	136	Resp:	70447
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	7.2	10.8
68	5.9	5.2	7.8

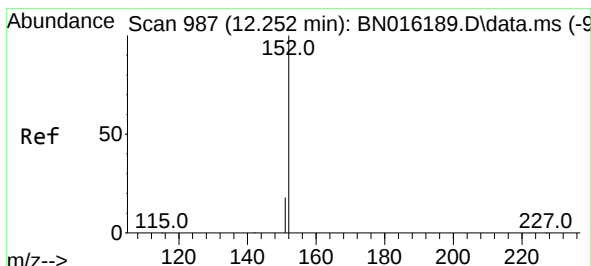
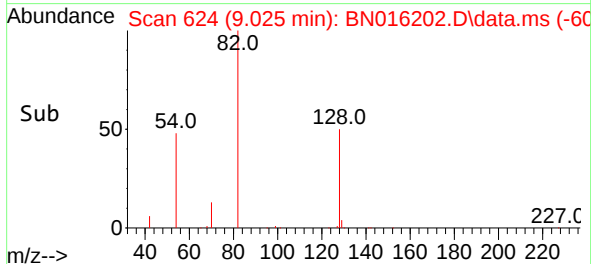
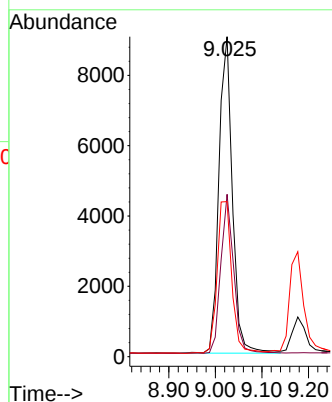
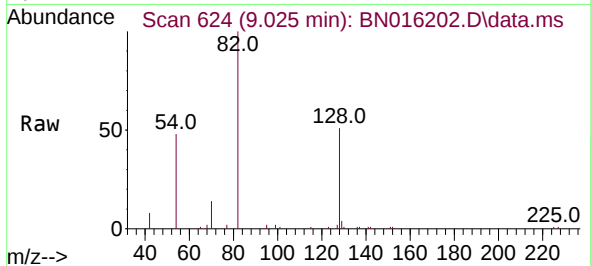




#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 9.025 min Scan# 624
Delta R.T. -0.000 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

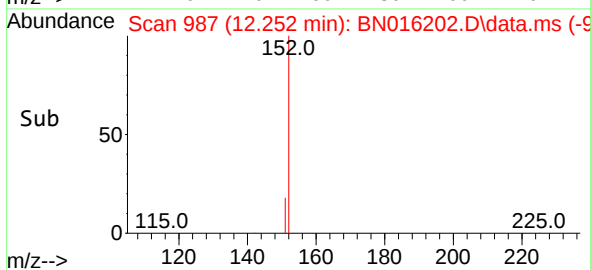
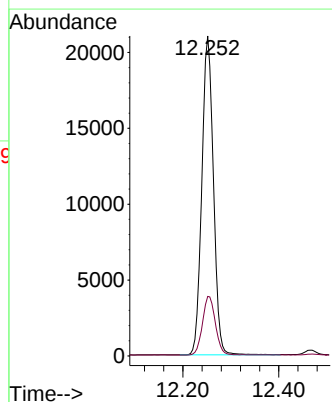
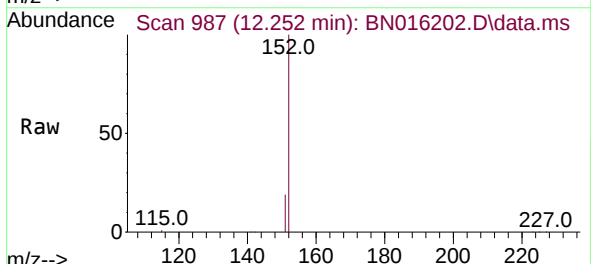
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ClientSampleId :
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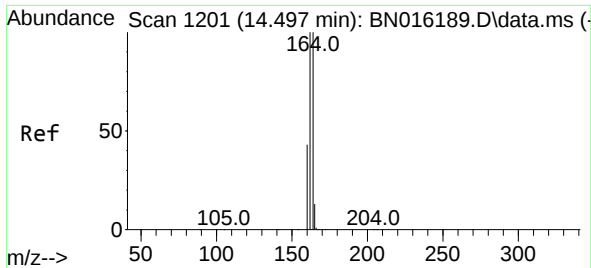
Tgt Ion: 82 Resp: 18043
Ion Ratio Lower Upper
82 100
128 50.8 39.3 58.9
54 48.5 40.2 60.4



#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.252 min Scan# 987
Delta R.T. -0.000 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

Tgt Ion: 152 Resp: 35249
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2

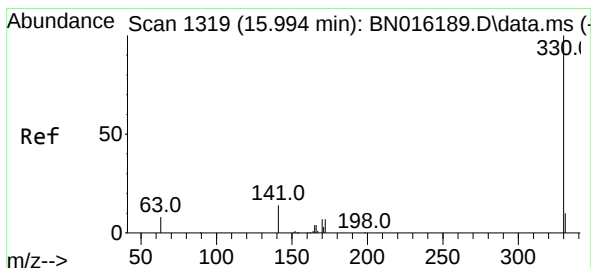
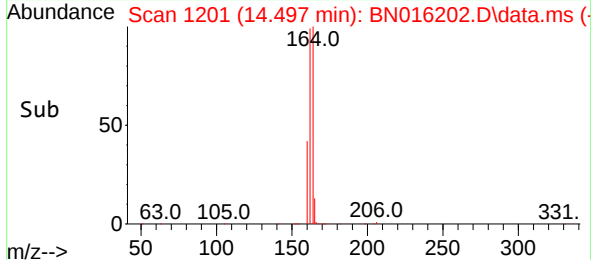
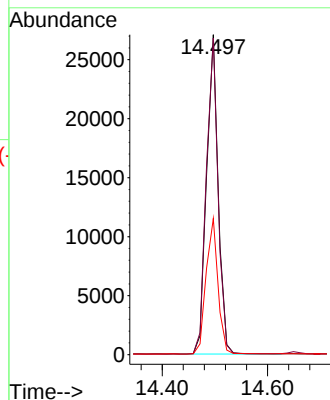
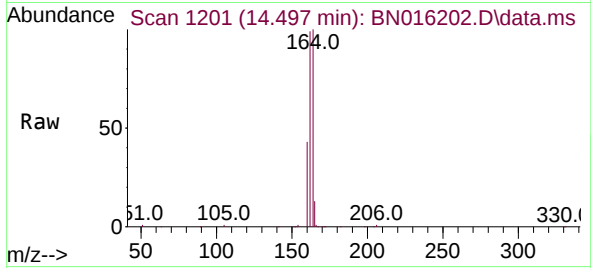




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

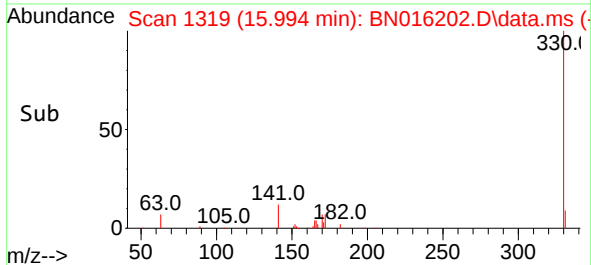
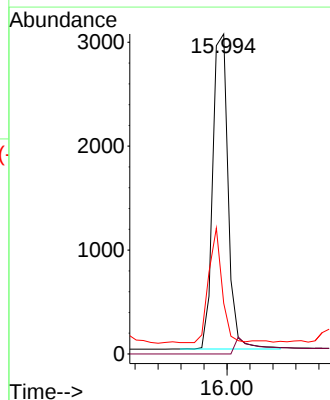
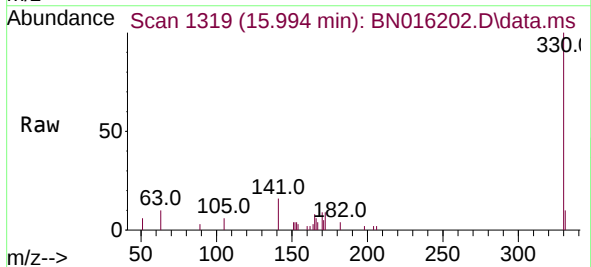
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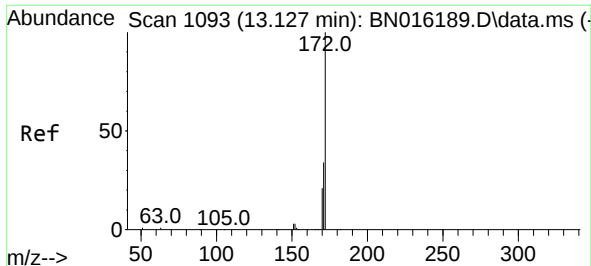
Tgt Ion:164 Resp: 41156
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.6
160 42.6 34.2 51.4



#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.994 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

Tgt Ion:330 Resp: 5543
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 25.4 38.2

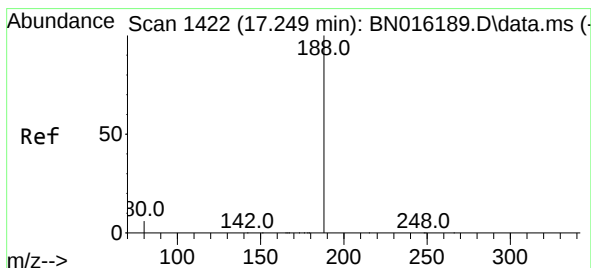
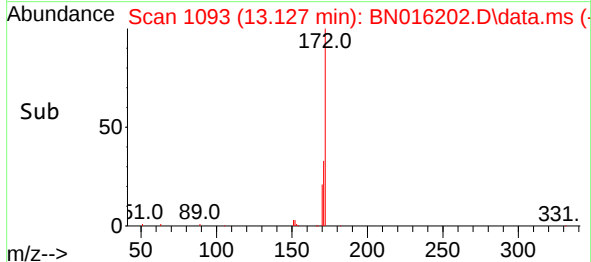
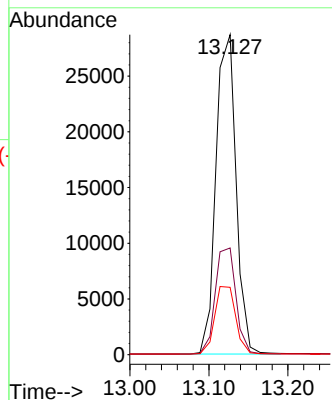
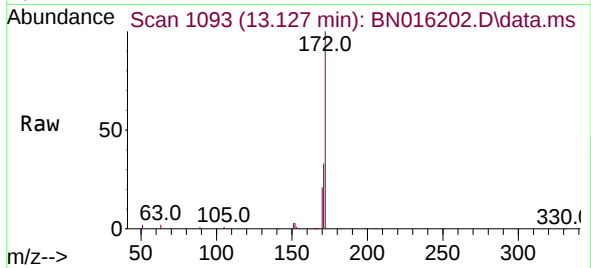




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.127 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

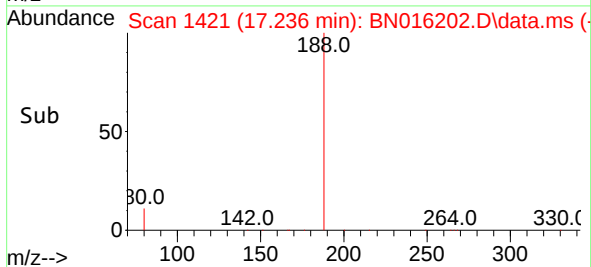
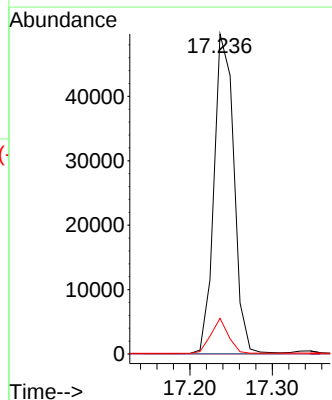
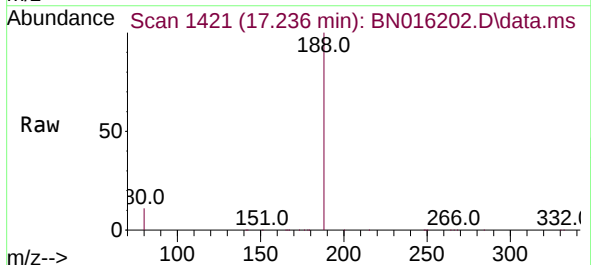
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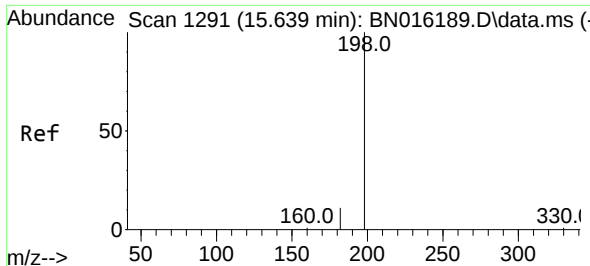
Tgt Ion:	172	Resp:	50765
Ion Ratio	Lower	Upper	
172	100		
171	33.4	26.9	40.3
170	21.1	17.1	25.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

Tgt Ion:	188	Resp:	83187
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.1	5.0	7.6#

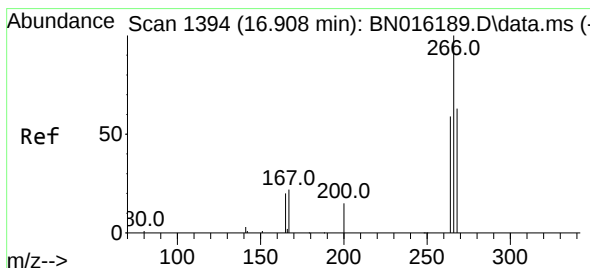
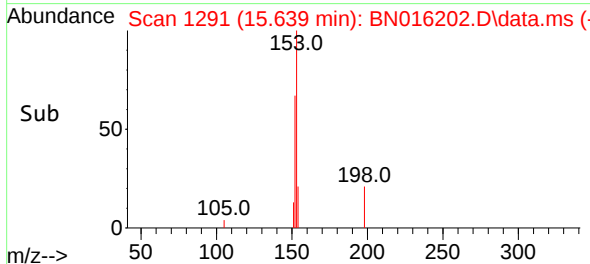
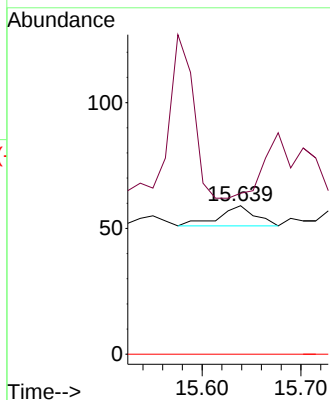
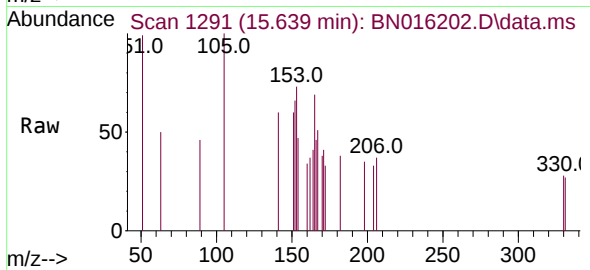




#20
4,6-Dinitro-2-methylphenol
Concen: 0.287 ng
RT: 15.639 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

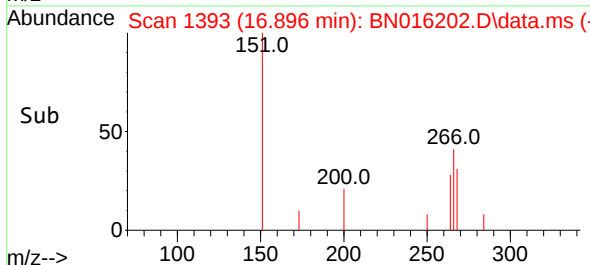
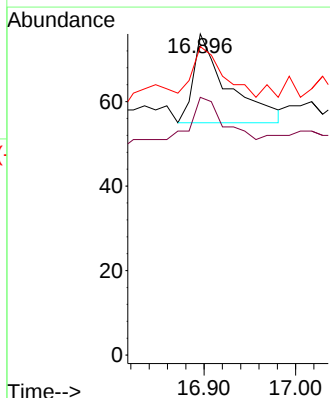
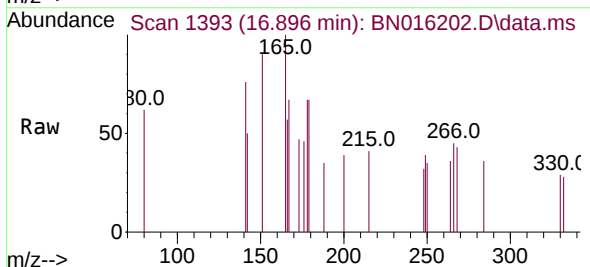
Instrument :
BNA_N
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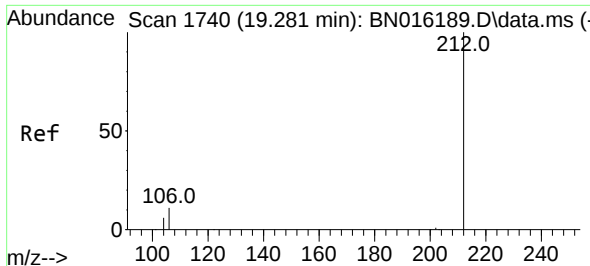
Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
182 108.5 28.8 43.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.369 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
264 41.8 50.4 75.6#
268 49.1 49.6 74.4#

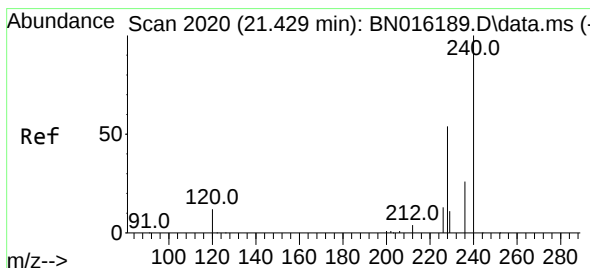
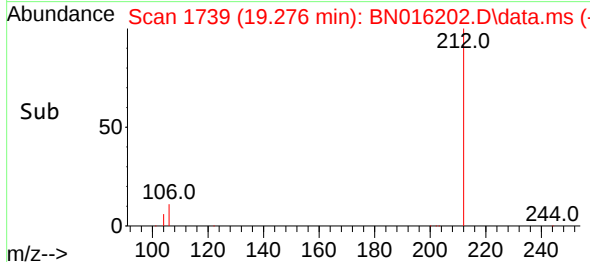
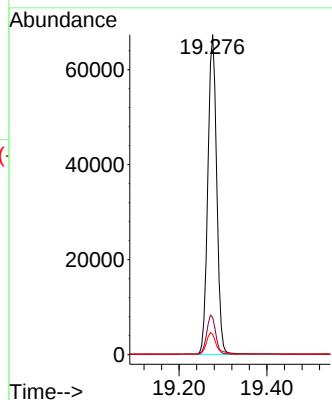
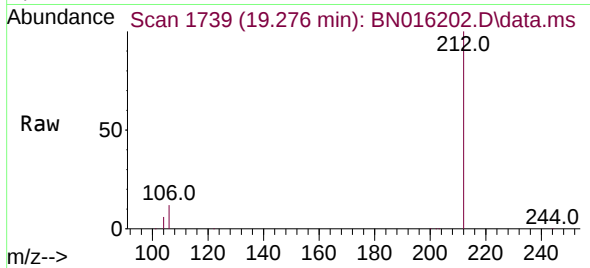




#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.276 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

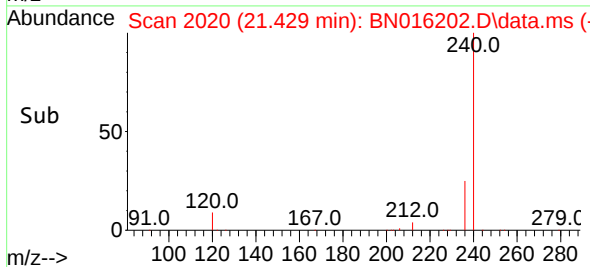
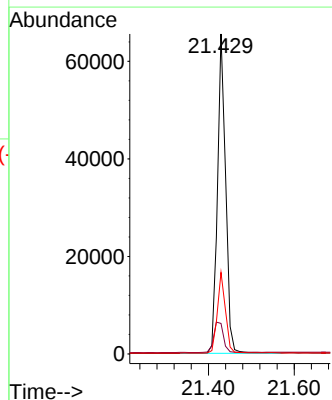
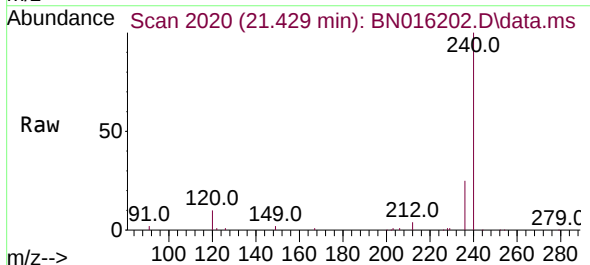
Instrument :
BNA_N
ClientSampleId :
EB-082621

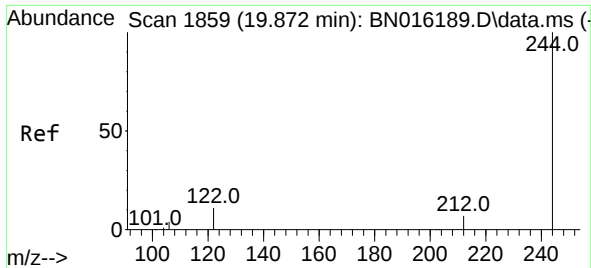
Tgt Ion:212 Resp: 94145
Ion Ratio Lower Upper
212 100
106 12.2 9.7 14.5
104 7.4 5.4 8.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016202.D
Acq: 04 Sep 2021 20:30

Tgt Ion:240 Resp: 86713
Ion Ratio Lower Upper
240 100
120 9.5 10.0 15.0#
236 25.5 20.9 31.3

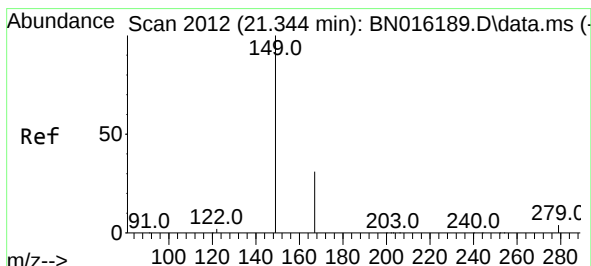
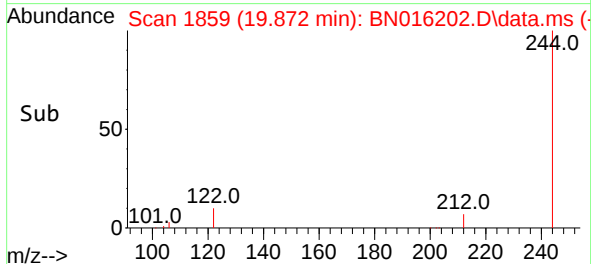
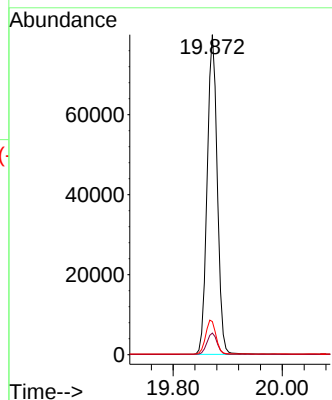
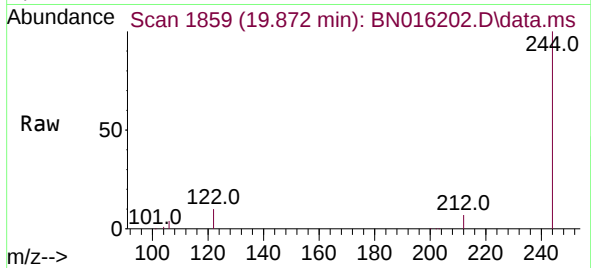




#31
 Terphenyl-d14
 Concen: 0.473 ng
 RT: 19.872 min Scan# 1859
 Delta R.T. -0.000 min
 Lab File: BN016202.D
 Acq: 04 Sep 2021 20:30

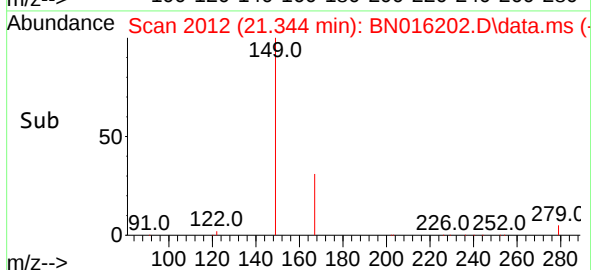
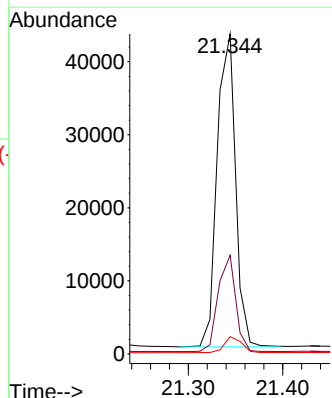
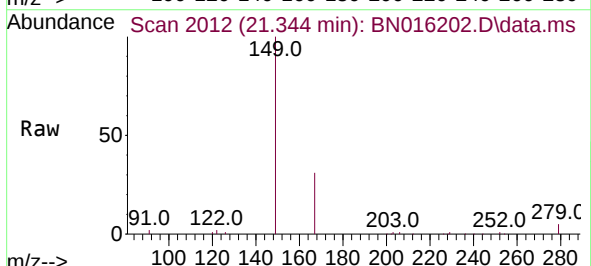
Instrument :
 BNA_N
 ClientSampleId :
 EB-082621

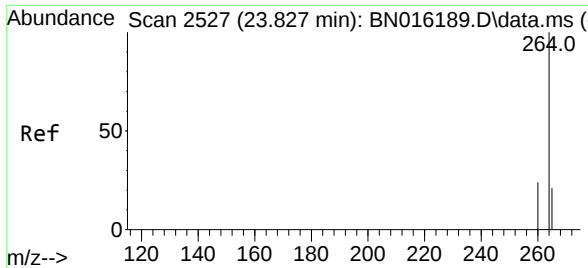
Tgt Ion:244 Resp: 103652
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.3 9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.296 ng
 RT: 21.344 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: BN016202.D
 Acq: 04 Sep 2021 20:30

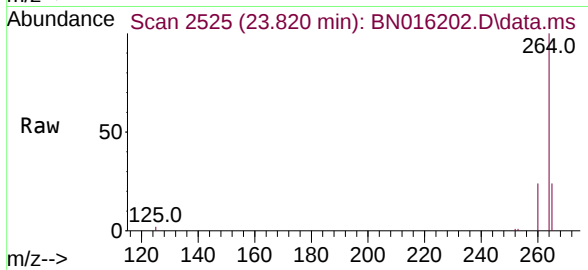
Tgt Ion:149 Resp: 58065
 Ion Ratio Lower Upper
 149 100
 167 29.3 24.2 36.4
 279 4.9 4.0 6.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.820 min Scan# 2525
 Delta R.T. -0.007 min
 Lab File: BN016202.D
 Acq: 04 Sep 2021 20:30

Instrument :
 BNA_N
 ClientSampleId :
 EB-082621



Tgt Ion:	264	Resp:	88119
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	24.0	20.2	30.2

