

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
 Data File : BN019021.D
 Acq On : 21 Mar 2022 13:34
 Operator : CG/JU
 Sample : N2000-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-126D1-20220316

Quant Time: Mar 22 02:29:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

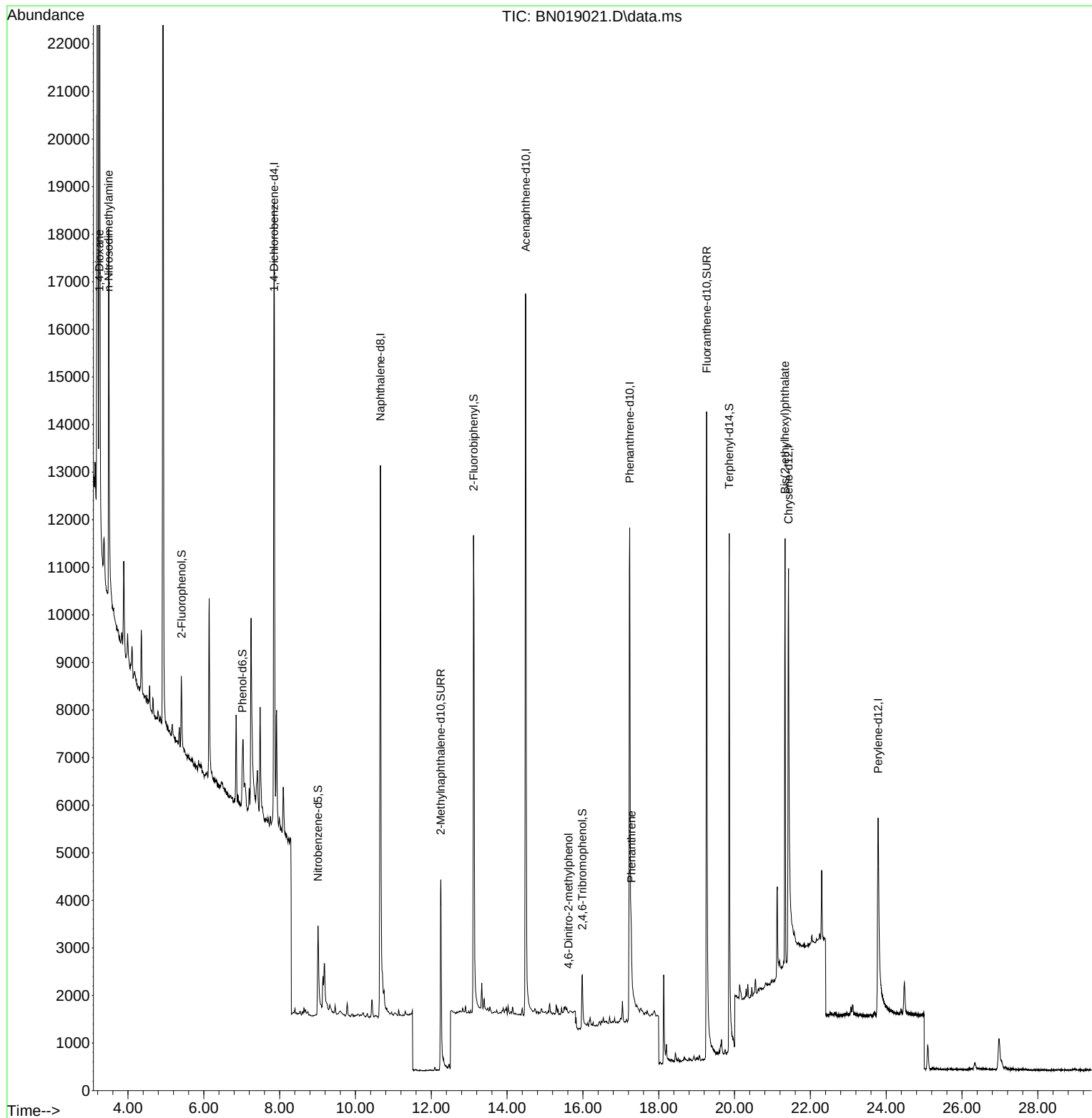
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	6482	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	17615	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	10719	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	20823	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	14417	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	9603	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	1479	0.102	ng	0.00
5) Phenol-d6	7.017	99	837	0.055	ng	0.00
8) Nitrobenzene-d5	9.014	82	2437	0.192	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	6876	0.235	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	946	0.183	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	10595	0.247	ng	-0.01
27) Fluoranthene-d10	19.265	212	19521	0.316	ng	0.00
31) Terphenyl-d14	19.860	244	14761	0.417	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	18352	2.291	ng	98
3) n-Nitrosodimethylamine	3.492	42	1341	0.144	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.618	198	2	0.110	ng	# 1
25) Phenanthrene	17.277	178	1308	0.020	ng	95
34) Bis(2-ethylhexyl)phtha...	21.333	149	8139	0.276	ng	99

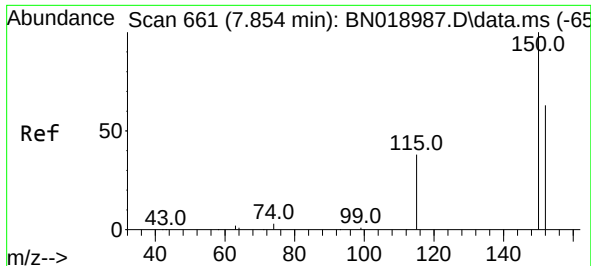
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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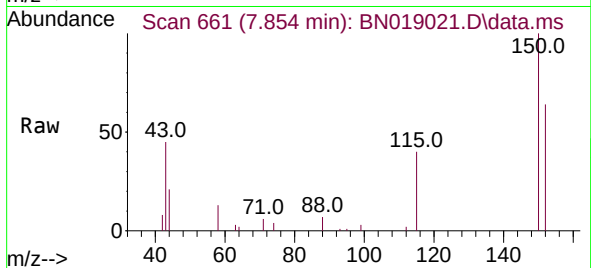
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
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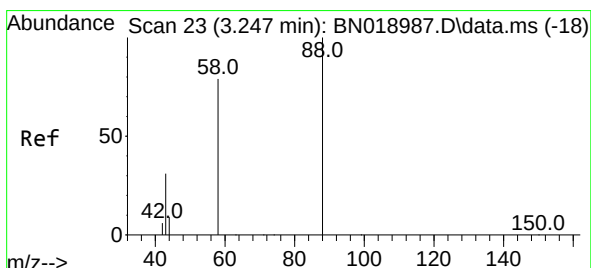
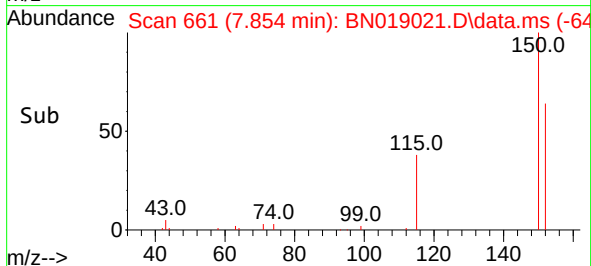
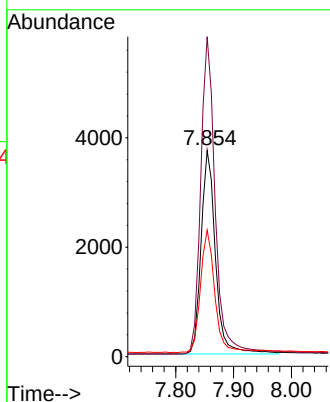
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019021.D
 Acq: 21 Mar 2022 13:34

Instrument :
 BNA_N
 ClientSampleId :
 RE-126D1-20220316



Tgt Ion:152 Resp: 6482

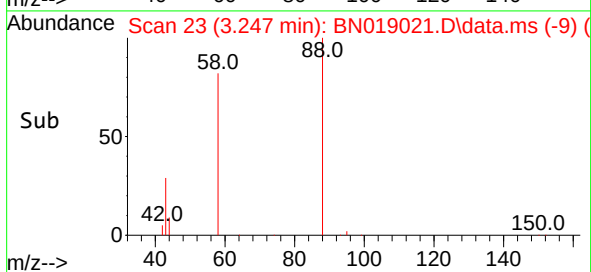
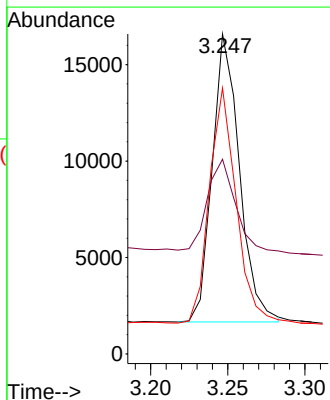
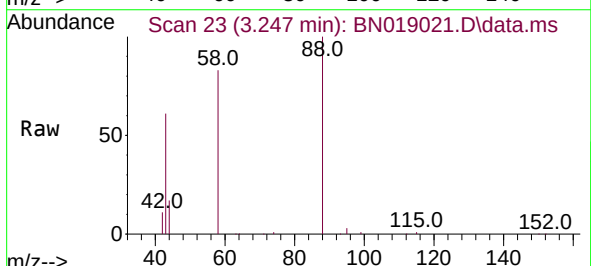
Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.9	185.9
115	61.4	48.2	72.4

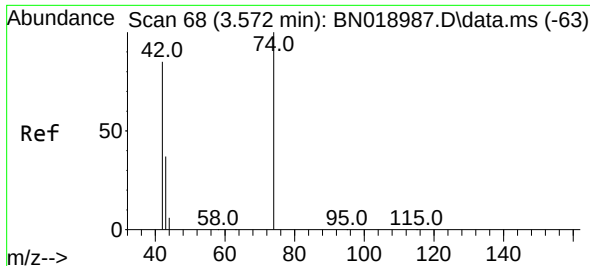


#2
 1,4-Dioxane
 Concen: 2.291 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN019021.D
 Acq: 21 Mar 2022 13:34

Tgt Ion: 88 Resp: 18352

Ion	Ratio	Lower	Upper
88	100		
43	32.2	24.6	37.0
58	80.2	65.4	98.2

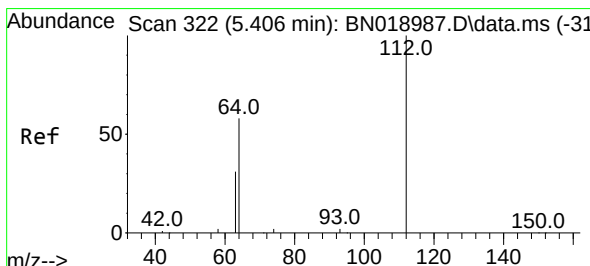
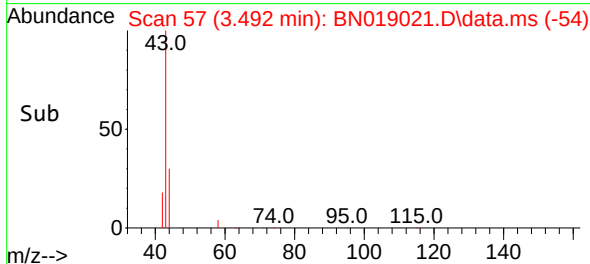
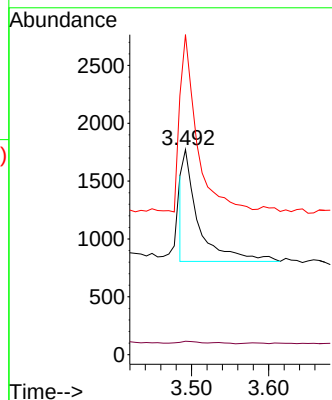
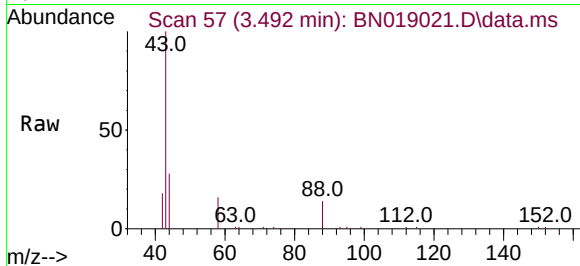




#3
n-Nitrosodimethylamine
Concen: 0.144 ng
RT: 3.492 min Scan# 51
Delta R.T. -0.080 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

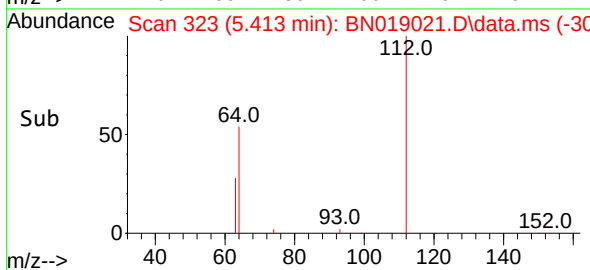
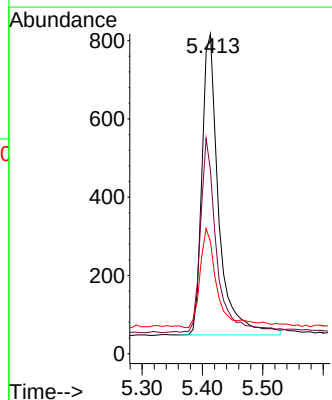
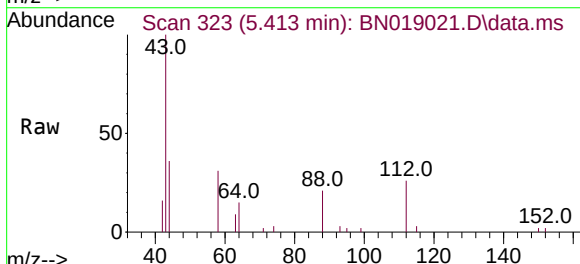
Instrument :
BNA_N
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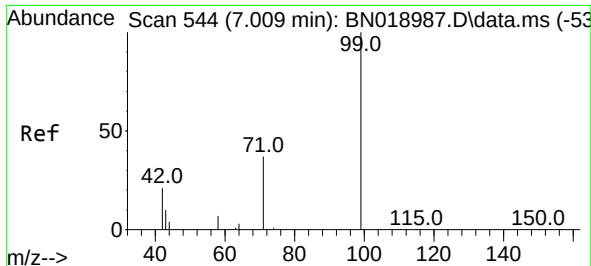
Tgt Ion: 42 Resp: 1341
Ion Ratio Lower Upper
42 100
74 1.2 96.9 145.3#
44 134.9 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.007 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

Tgt Ion: 112 Resp: 1479
Ion Ratio Lower Upper
112 100
64 61.6 47.8 71.8
63 34.1 25.7 38.5

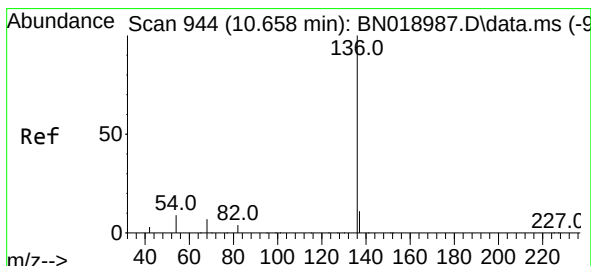
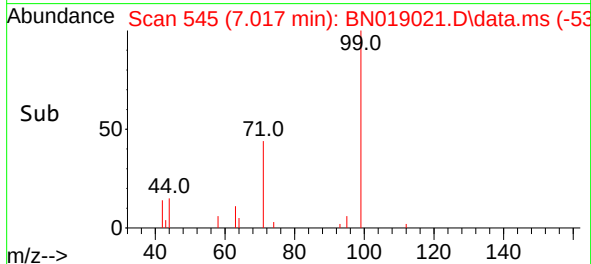
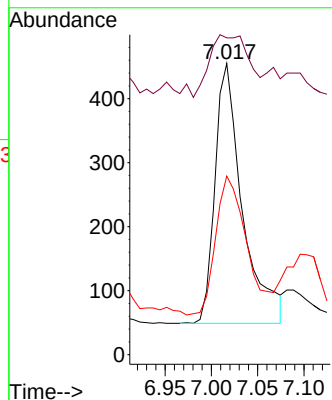
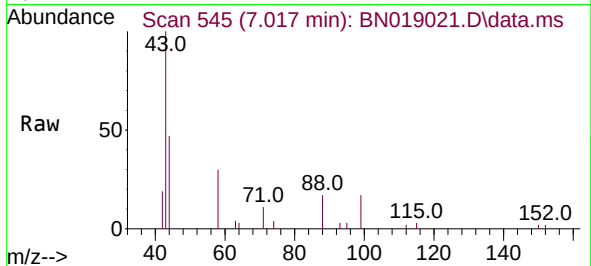




#5
Phenol-d6
Concen: 0.055 ng
RT: 7.017 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

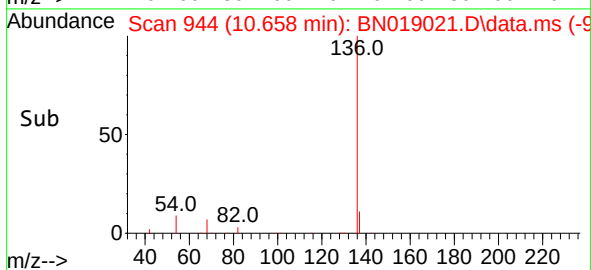
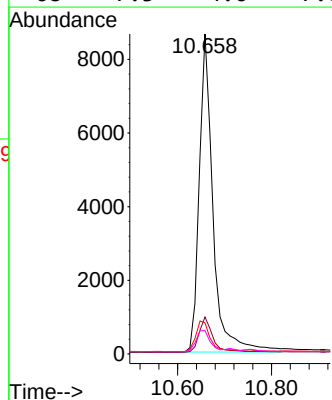
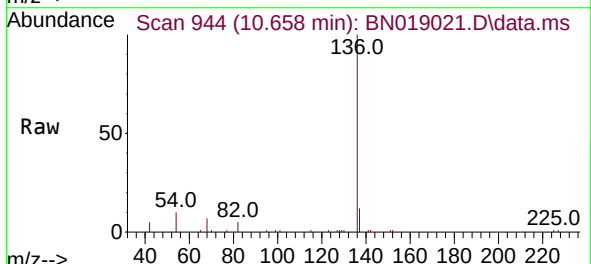
Instrument :
BNA_N
ClientSampleId :
RE-126D1-20220316

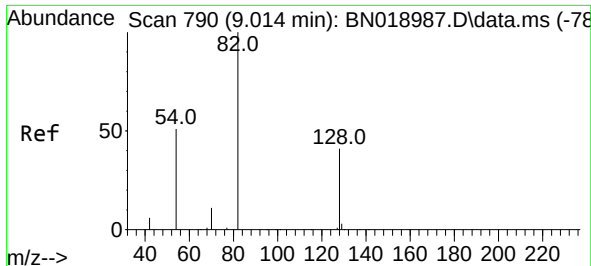
Tgt Ion: 99 Resp: 837
Ion Ratio Lower Upper
99 100
42 31.7 16.2 24.4#
71 60.5 27.7 41.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

Tgt Ion: 136 Resp: 17615
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 9.7 5.8 8.6#
68 7.3 4.6 7.0#

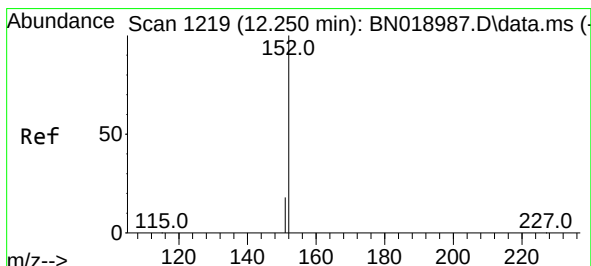
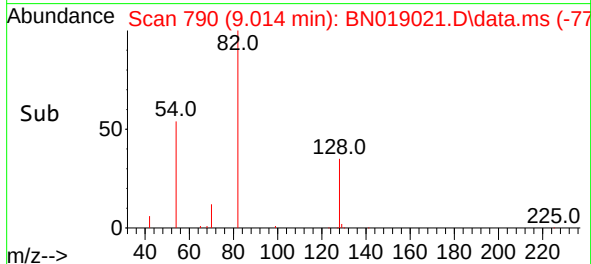
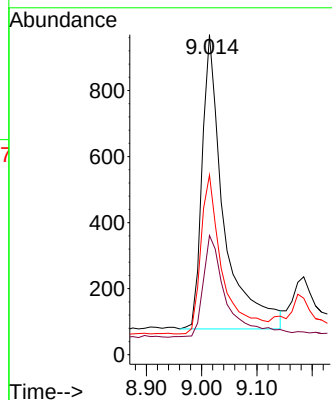
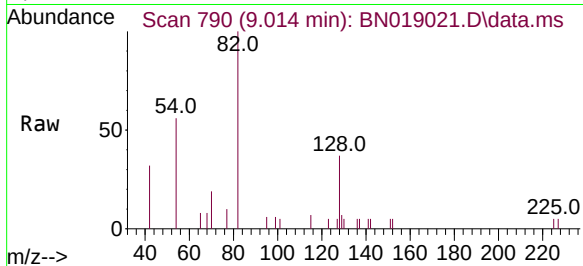




#8
Nitrobenzene-d5
Concen: 0.192 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

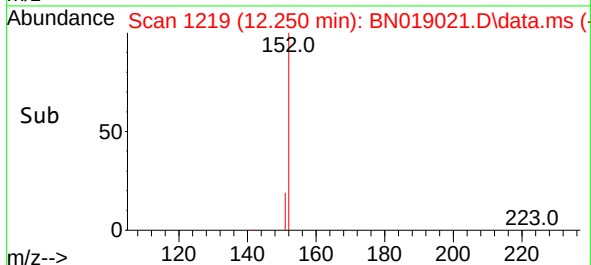
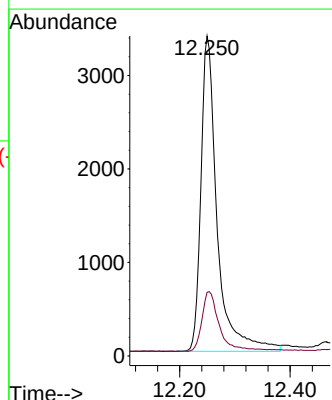
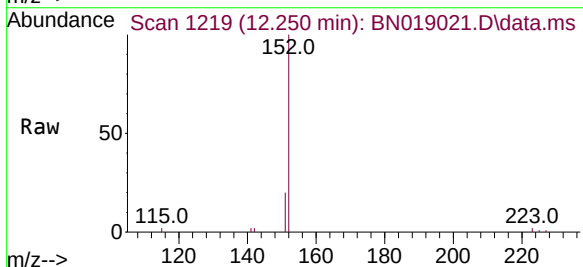
Instrument :
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ClientSampleId :
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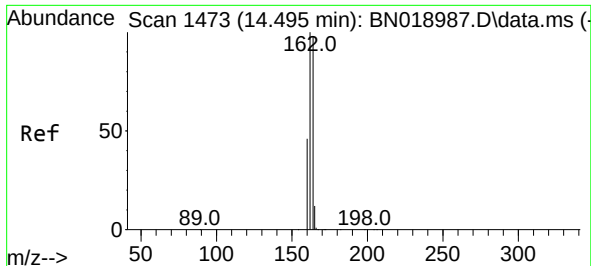
Tgt Ion: 82 Resp: 2437
Ion Ratio Lower Upper
82 100
128 37.3 33.0 49.6
54 56.1 42.5 63.7



#11
2-Methylnaphthalene-d10
Concen: 0.235 ng
RT: 12.250 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

Tgt Ion: 152 Resp: 6876
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7

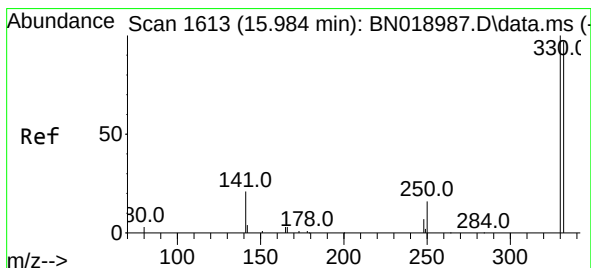
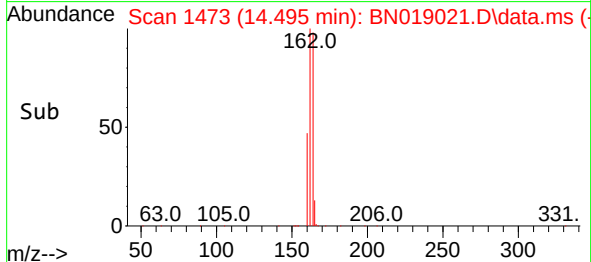
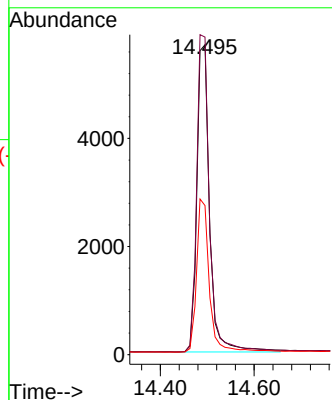
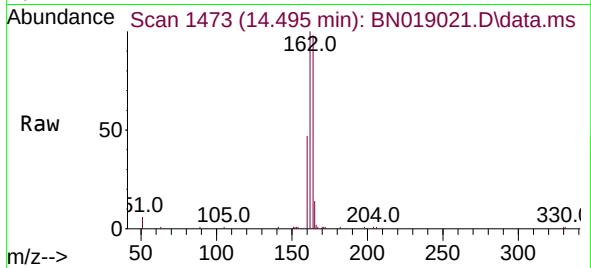




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

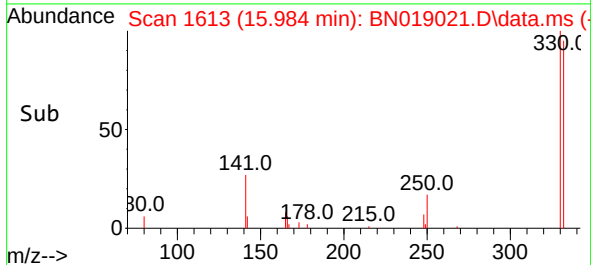
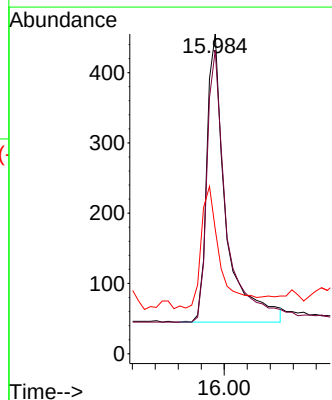
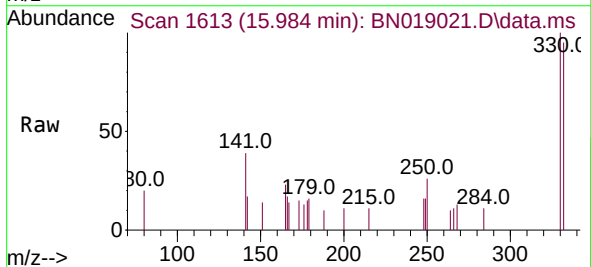
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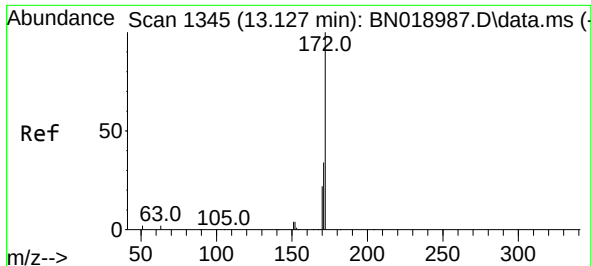
Tgt Ion:164 Resp: 10719
Ion Ratio Lower Upper
164 100
162 102.5 85.2 127.8
160 48.1 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

Tgt Ion:330 Resp: 946
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 42.2 32.2 48.2

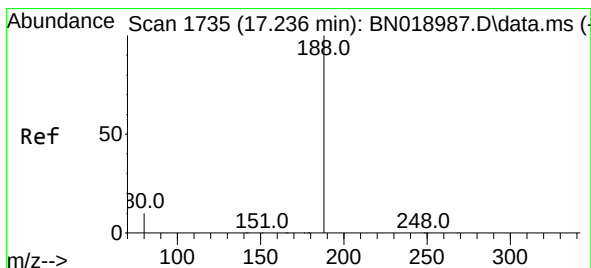
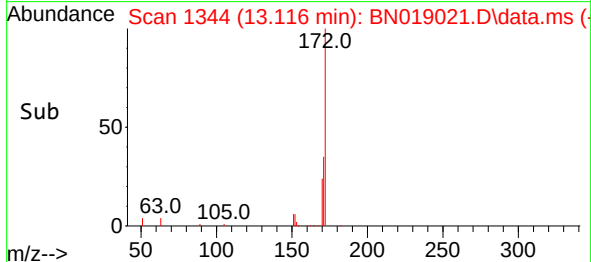
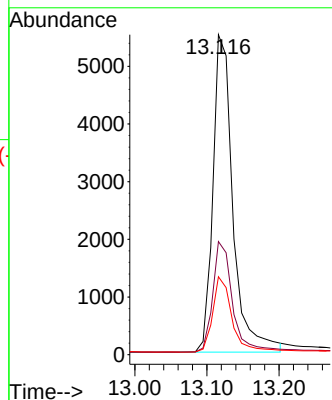
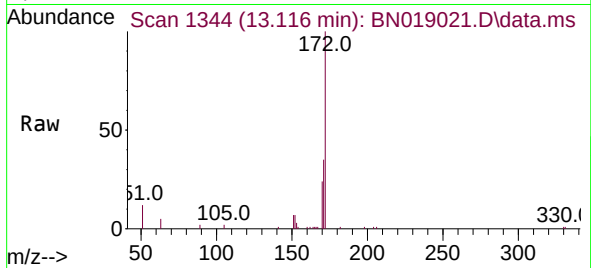




#15
2-Fluorobiphenyl
Concen: 0.247 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

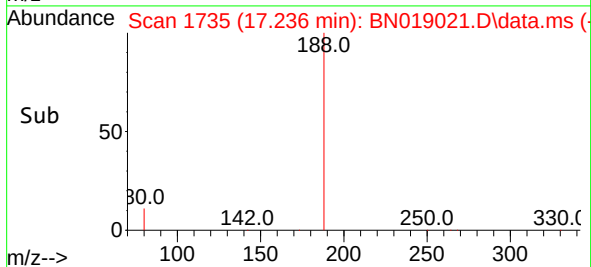
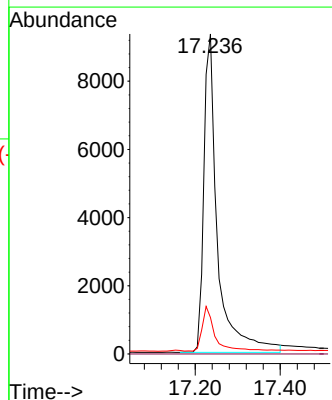
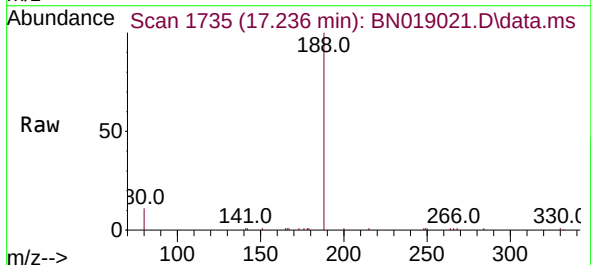
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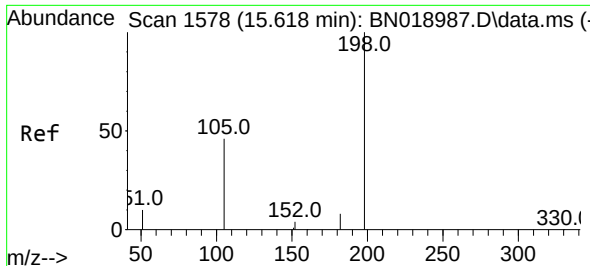
Tgt Ion:172 Resp: 10595
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.4 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

Tgt Ion:188 Resp: 20823
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 11.8 17.8#

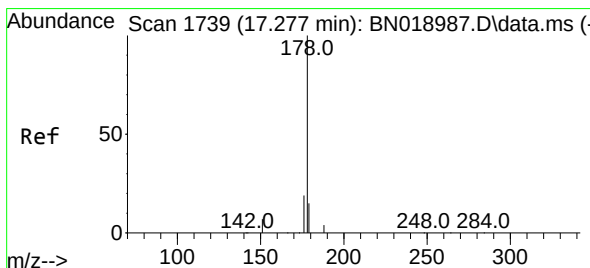
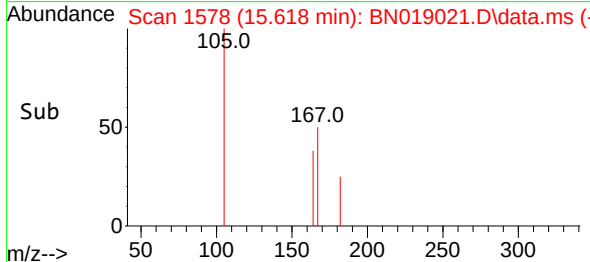
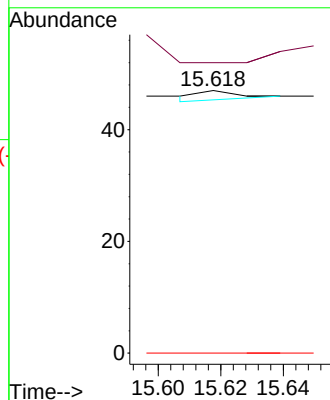
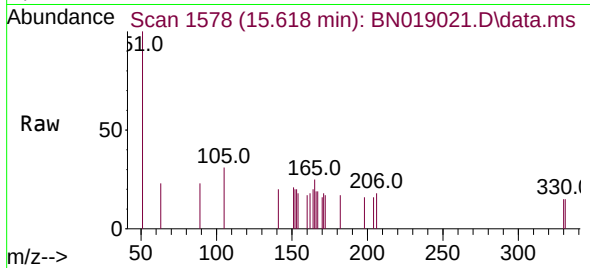




#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.618 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

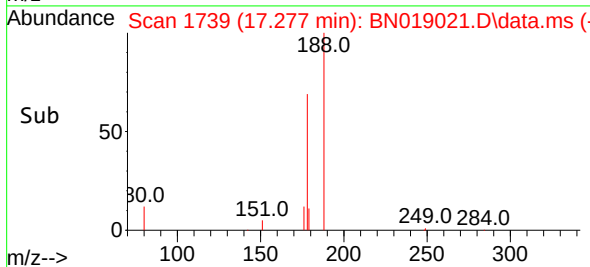
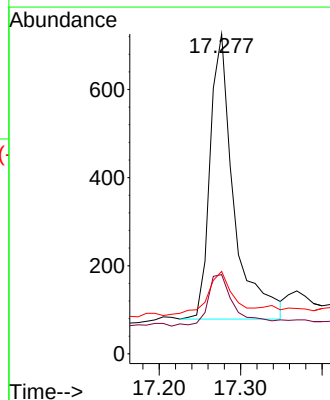
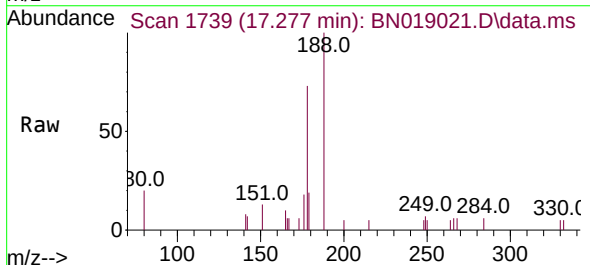
Instrument :
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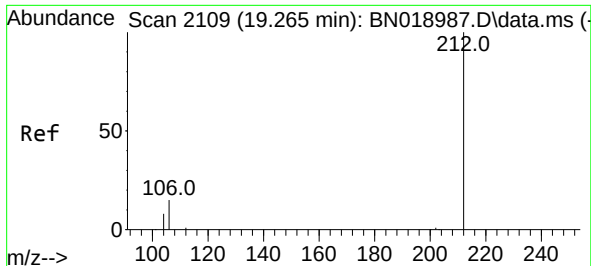
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 110.6 13.0 19.4#
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.020 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

Tgt Ion:178 Resp: 1308
Ion Ratio Lower Upper
178 100
176 21.9 15.4 23.0
179 17.0 12.2 18.2

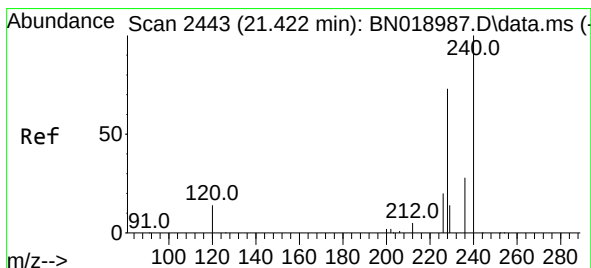
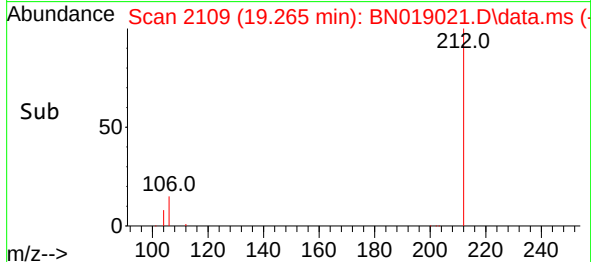
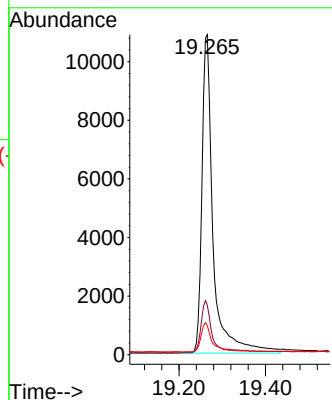
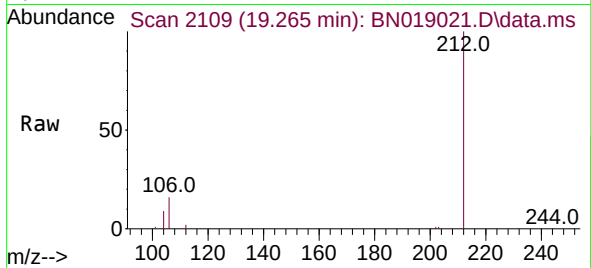




#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

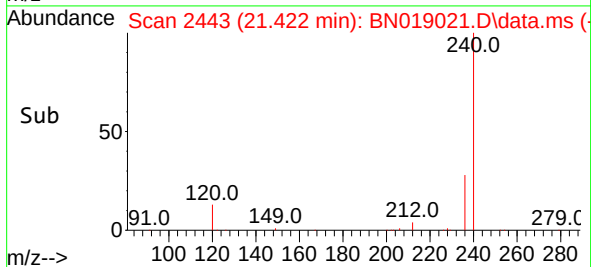
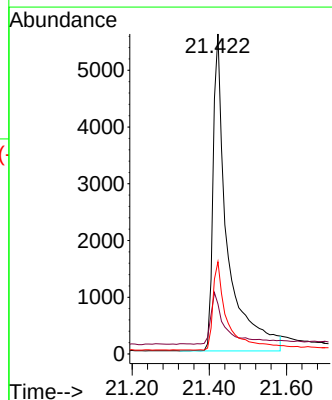
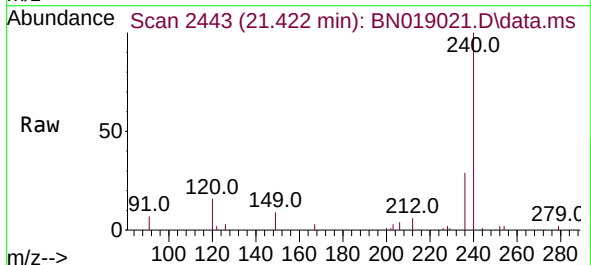
Instrument :
BNA_N
ClientSampleId :
RE-126D1-20220316

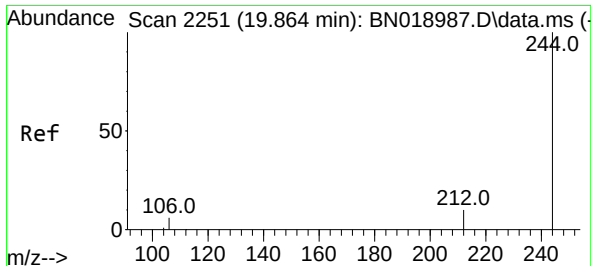
Tgt Ion:212 Resp: 19521
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 9.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

Tgt Ion:240 Resp: 14417
Ion Ratio Lower Upper
240 100
120 15.6 8.5 12.7#
236 28.8 22.4 33.6

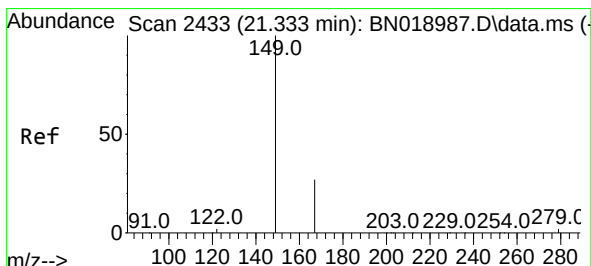
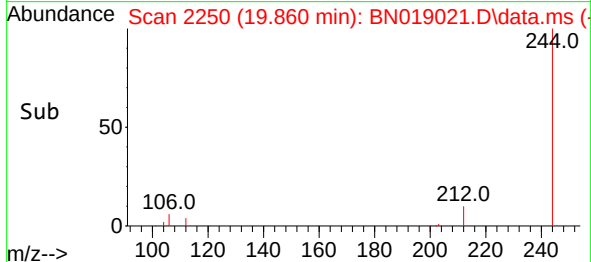
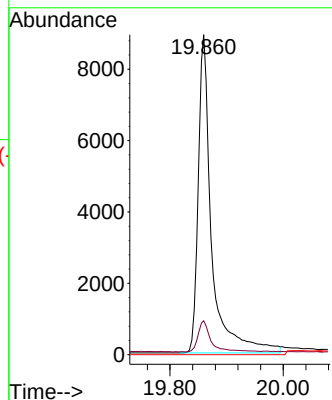
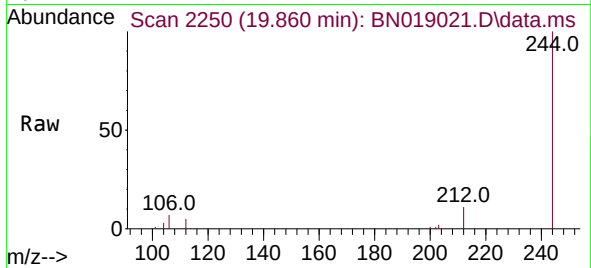




#31
Terphenyl-d14
Concen: 0.417 ng
RT: 19.860 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

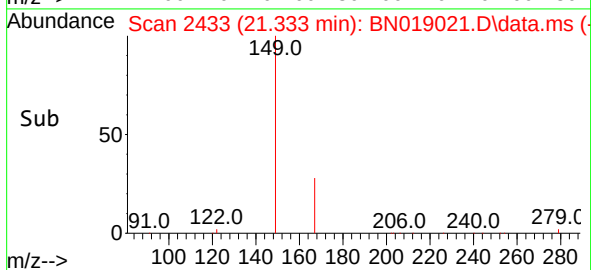
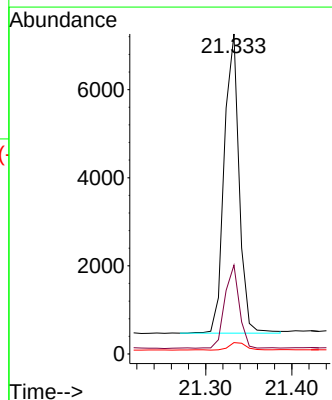
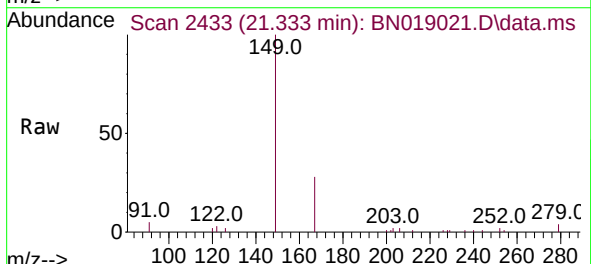
Instrument :
BNA_N
ClientSampleId :
RE-126D1-20220316

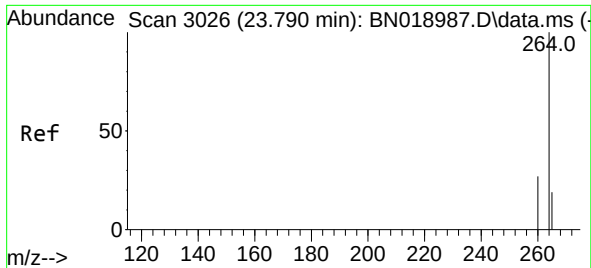
Tgt Ion:244 Resp: 14761
Ion Ratio Lower Upper
244 100
212 10.6 8.2 12.4
122 0.0 0.0 0.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.276 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN019021.D
Acq: 21 Mar 2022 13:34

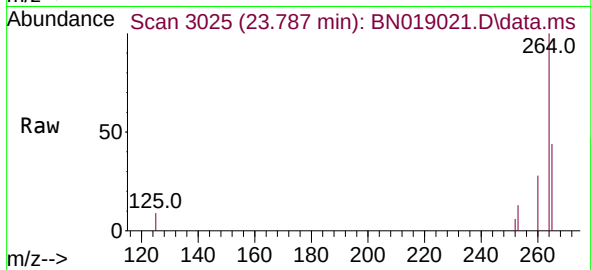
Tgt Ion:149 Resp: 8139
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.8
279 3.0 2.0 3.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.787 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN019021.D
 Acq: 21 Mar 2022 13:34

Instrument :
 BNA_N
 ClientSampleId :
 RE-126D1-20220316



Tgt Ion:264 Resp: 9603
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.4 33.6
 265 43.5 25.3 37.9#

