

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012522\
 Data File : BN018469.D
 Acq On : 25 Jan 2022 21:00
 Operator : CG/JU
 Sample : N1252-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-012422

Quant Time: Jan 26 04:08:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 18:25:49 2022
 Response via : Initial Calibration

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

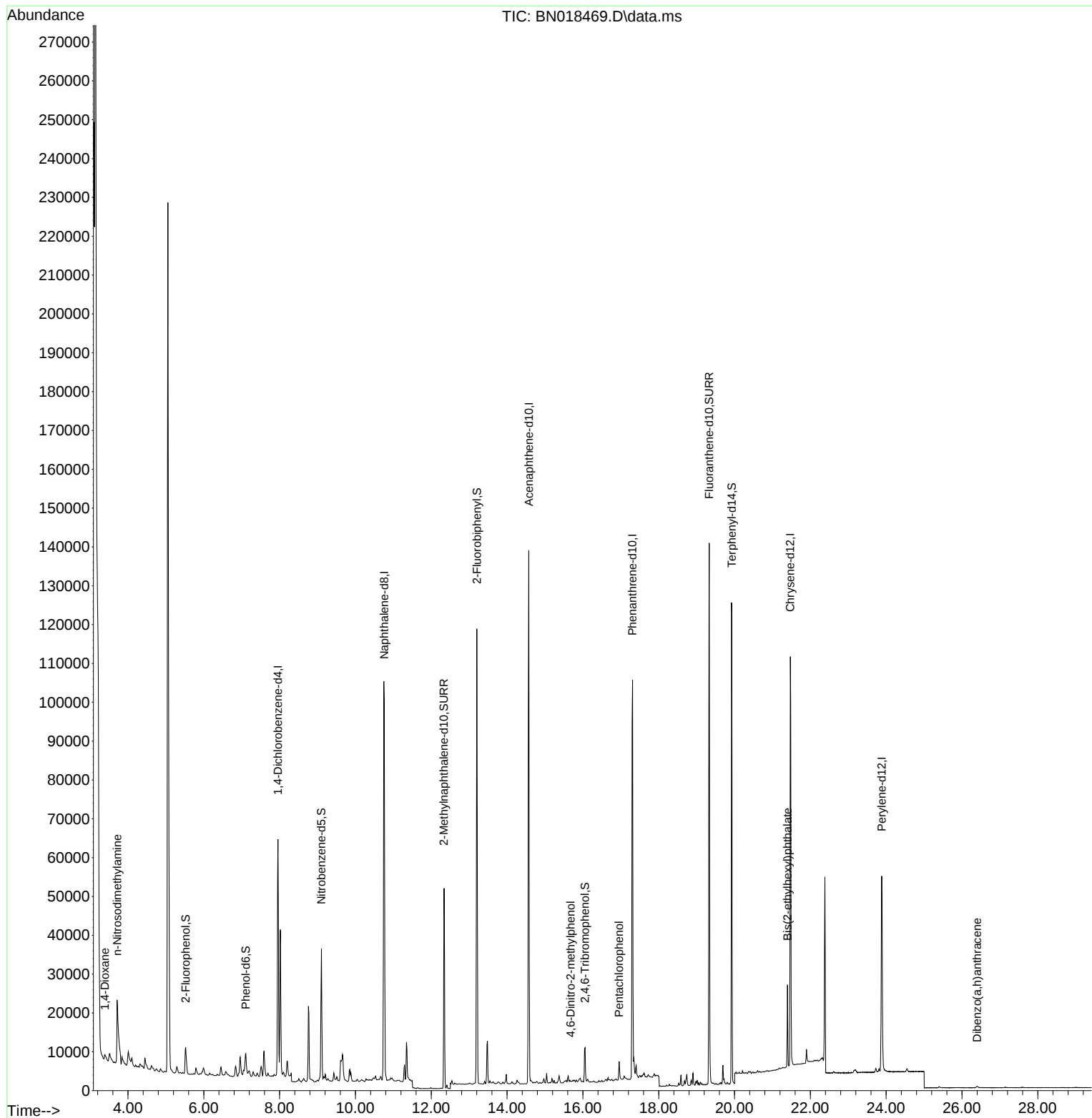
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	33850	0.400	ng	0.00
7) Naphthalene-d8	10.762	136	150368	0.400	ng	# 0.00
13) Acenaphthene-d10	14.573	164	81268	0.400	ng	0.00
19) Phenanthrene-d10	17.310	188	157416	0.400	ng	# 0.00
29) Chrysene-d12	21.472	240	108287	0.400	ng	#-0.02
35) Perylene-d12	23.882	264	73556	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.522	112	7972	0.095	ng	0.00
5) Phenol-d6	7.108	99	5208	0.057	ng	0.00
8) Nitrobenzene-d5	9.101	82	27511	0.317	ng	-0.01
11) 2-Methylnaphthalene-d10	12.336	152	68857	0.273	ng	-0.01
14) 2,4,6-Tribromophenol	16.056	330	6400	0.261	ng	0.00
15) 2-Fluorobiphenyl	13.203	172	96224	0.330	ng	-0.01
27) Fluoranthene-d10	19.331	212	154675	0.326	ng	0.00
31) Terphenyl-d14	19.927	244	132476	0.394	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.392	88	509	0.029	ng	# 57
3) n-Nitrosodimethylamine	3.714	42	2362	0.085	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.677	198	181	0.102	ng	# 51
24) Pentachlorophenol	16.957	266	2718	0.253	ng	100
34) Bis(2-ethylhexyl)phtha...	21.397	149	18113	0.067	ng	96
40) Dibenzo(a,h)anthracene	26.401	278	102	0.134	ng	# 1

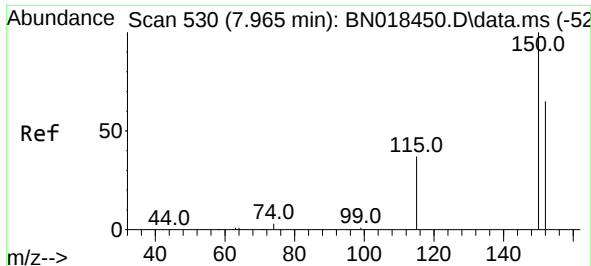
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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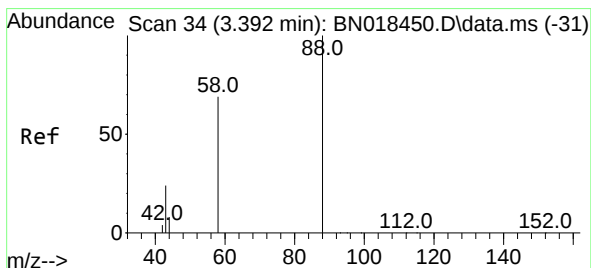
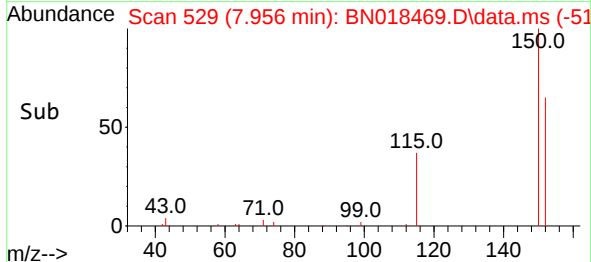
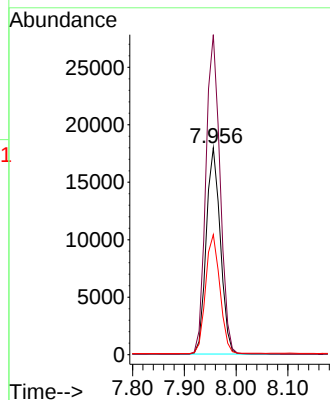
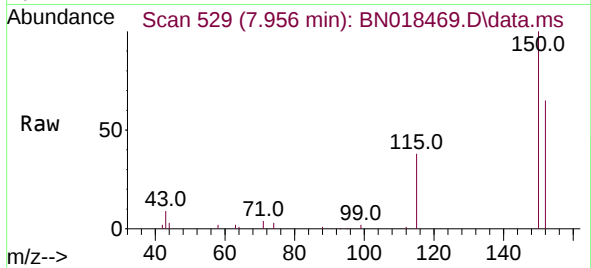




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.956 min Scan# 51
 Delta R.T. -0.009 min
 Lab File: BN018469.D
 Acq: 25 Jan 2022 21:00

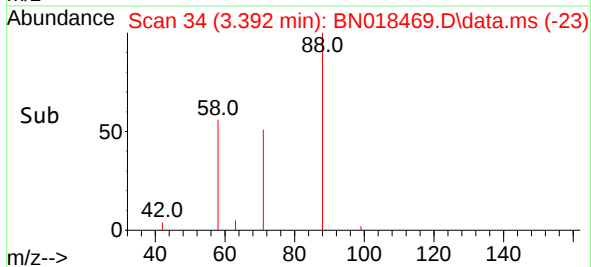
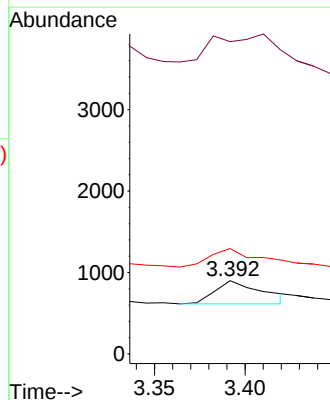
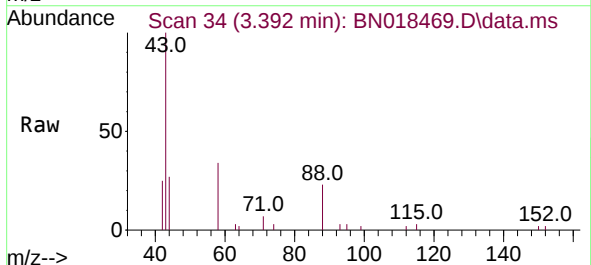
Instrument :
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 ClientSampleId :
 EB-01-012422

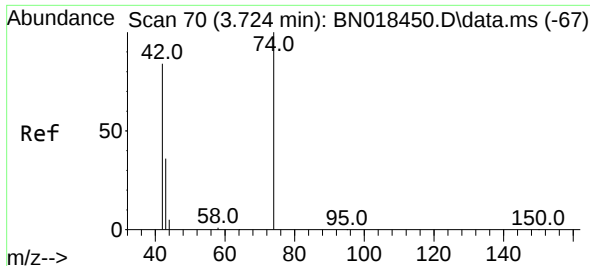
Tgt Ion:152 Resp: 33850
 Ion Ratio Lower Upper
 152 100
 150 154.7 121.7 182.5
 115 58.0 43.8 65.8



#2
 1,4-Dioxane
 Concen: 0.029 ng
 RT: 3.392 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN018469.D
 Acq: 25 Jan 2022 21:00

Tgt Ion: 88 Resp: 509
 Ion Ratio Lower Upper
 88 100
 43 149.1 69.7 104.5#
 58 80.7 83.8 125.8#

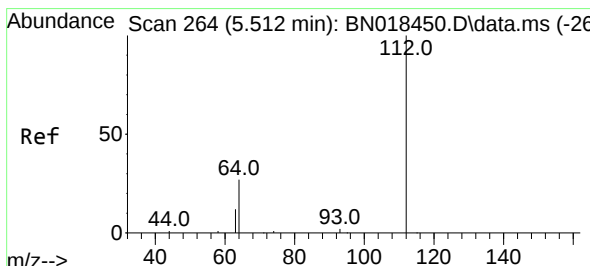
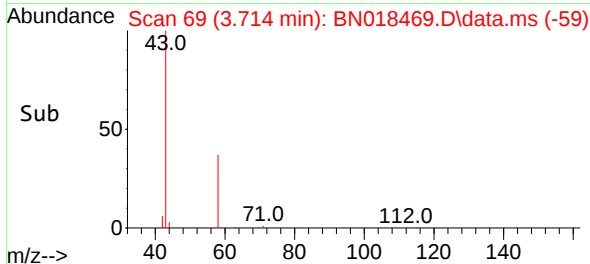
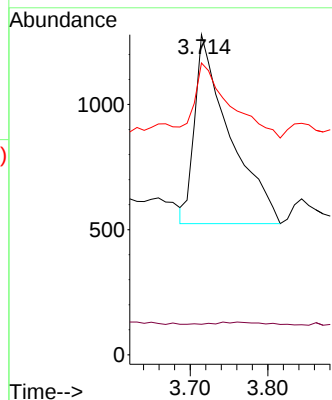
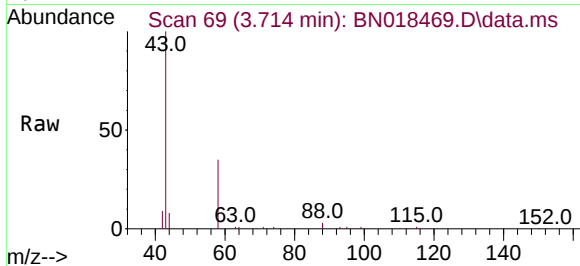




#3
n-Nitrosodimethylamine
Concen: 0.085 ng
RT: 3.714 min Scan# 61
Delta R.T. -0.009 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

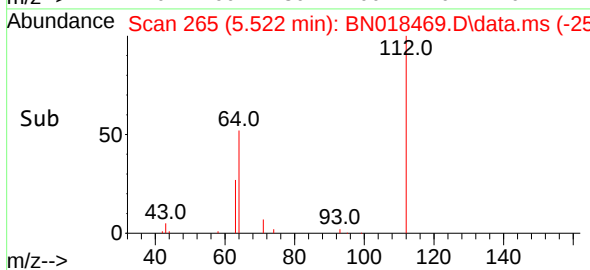
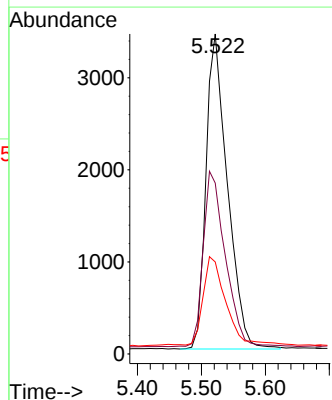
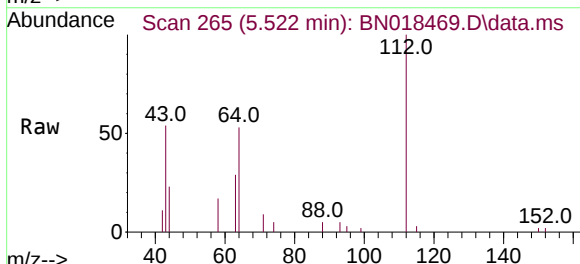
Instrument :
BNA_N
ClientSampleId :
EB-01-012422

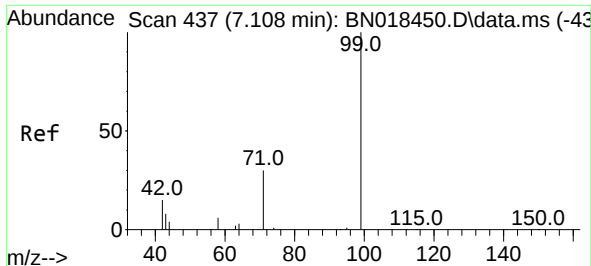
Tgt Ion: 42 Resp: 2362
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 39.2 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.522 min Scan# 265
Delta R.T. 0.009 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

Tgt Ion: 112 Resp: 7972
Ion Ratio Lower Upper
112 100
64 57.2 48.0 72.0
63 29.4 25.3 37.9

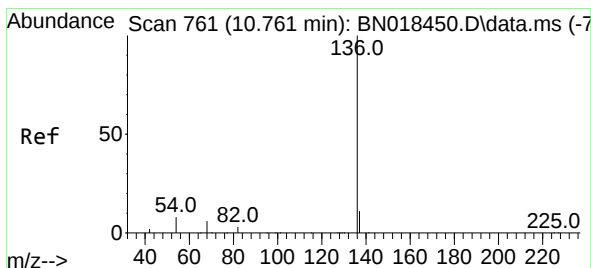
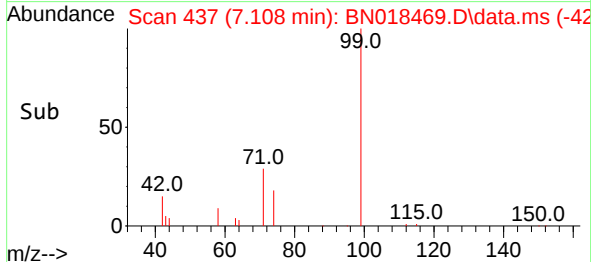
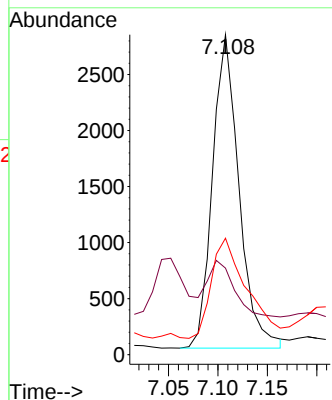
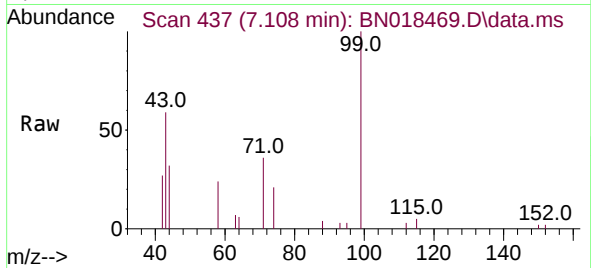




#5
Phenol-d6
Concen: 0.057 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

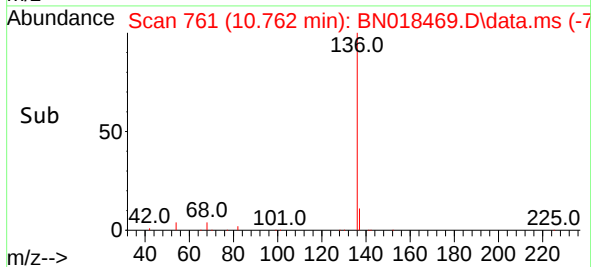
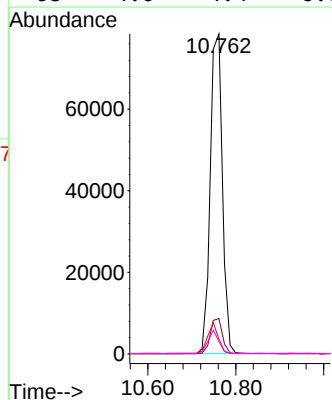
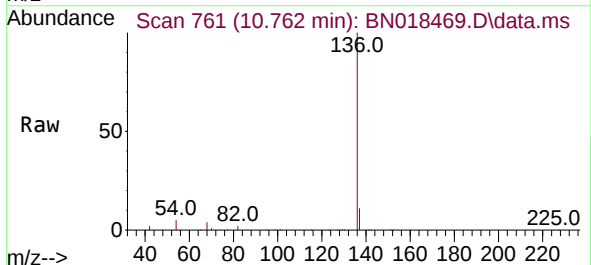
Instrument :
BNA_N
ClientSampleId :
EB-01-012422

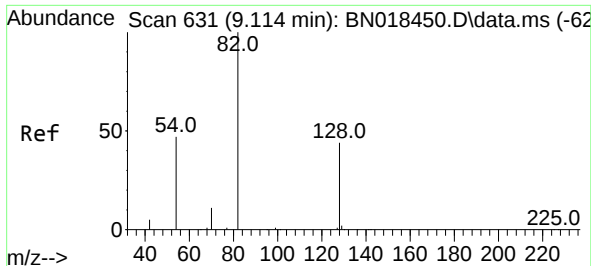
Tgt Ion: 99 Resp: 5208
Ion Ratio Lower Upper
99 100
42 17.7 16.3 24.5
71 42.6 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.762 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

Tgt Ion: 136 Resp: 150368
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 4.6 5.0 7.6#
68 4.0 4.4 6.6#

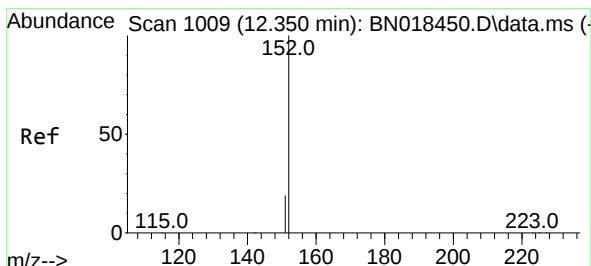
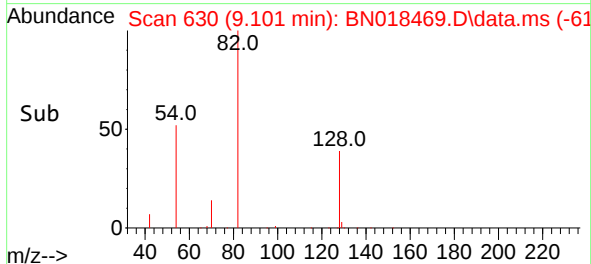
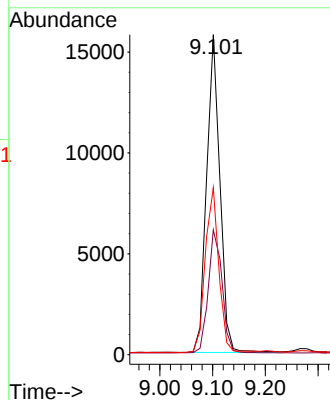
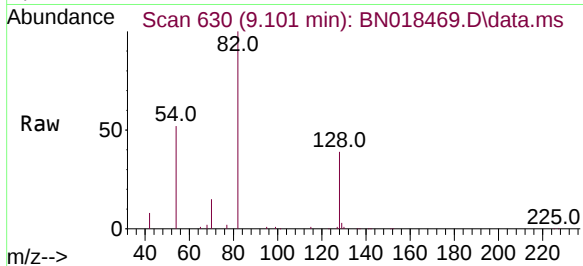




#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 9.101 min Scan# 61
Delta R.T. -0.013 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

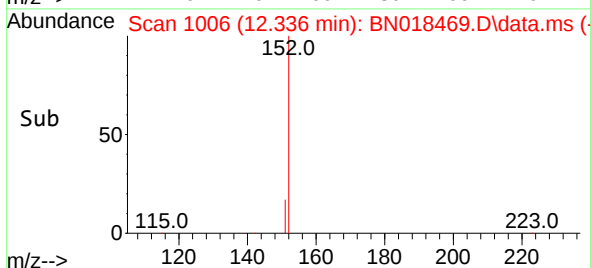
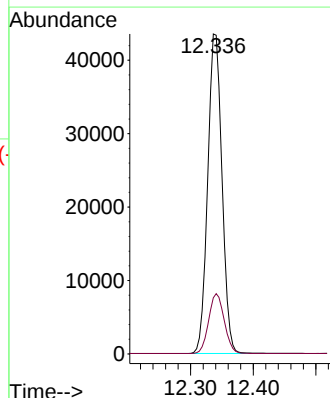
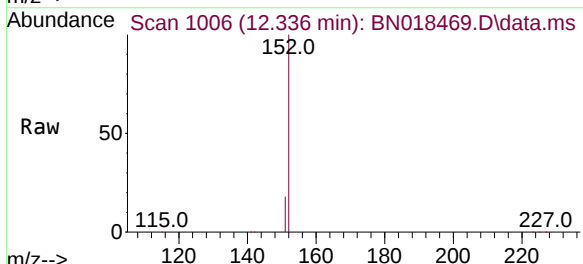
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EB-01-012422

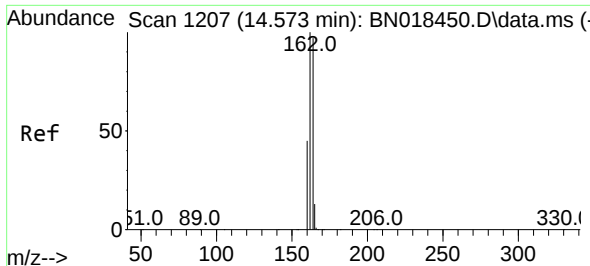
Tgt Ion: 82 Resp: 27511
Ion Ratio Lower Upper
82 100
128 39.0 33.7 50.5
54 52.1 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.336 min Scan# 1006
Delta R.T. -0.013 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

Tgt Ion: 152 Resp: 68857
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2

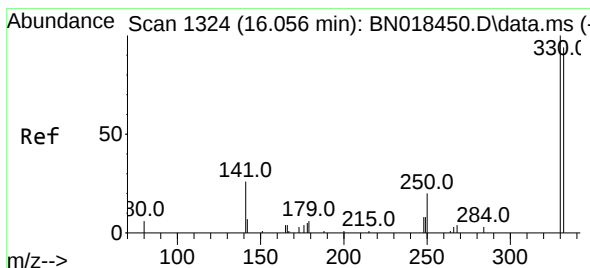
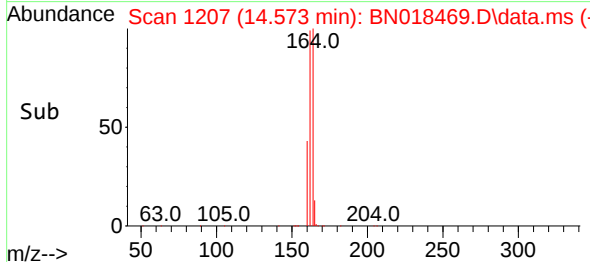
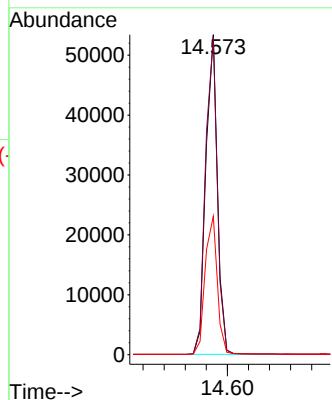
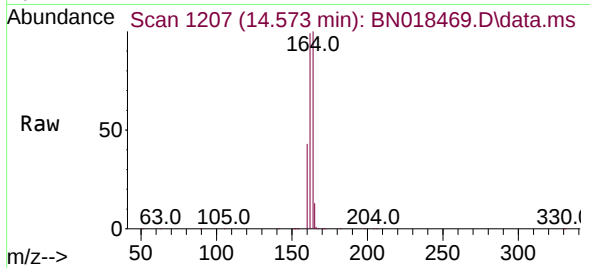




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

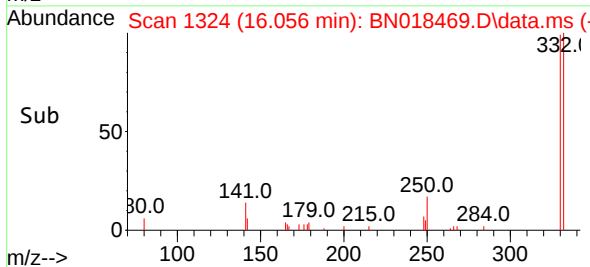
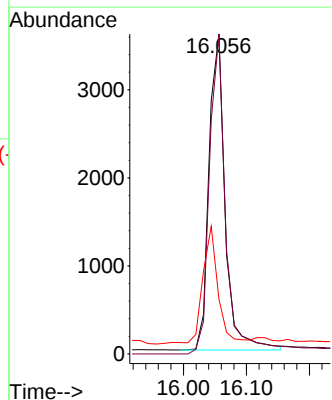
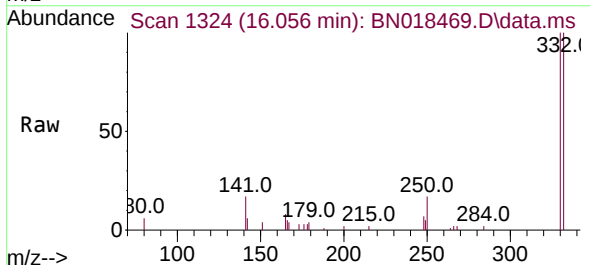
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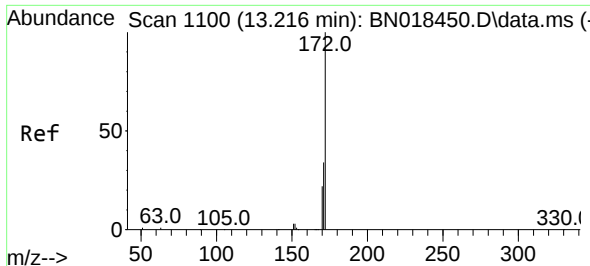
Tgt Ion:164 Resp: 81268
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.2
160 43.2 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 16.056 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

Tgt Ion:330 Resp: 6400
Ion Ratio Lower Upper
330 100
332 103.3 0.0 0.0#
141 33.9 21.3 31.9#

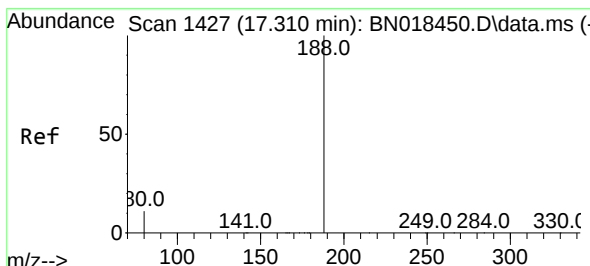
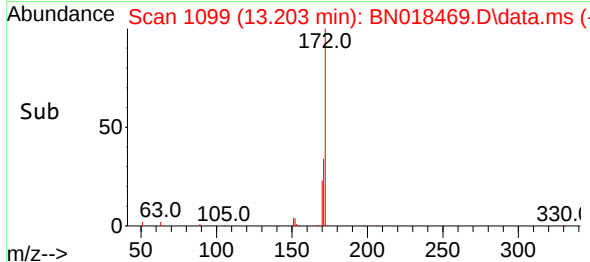
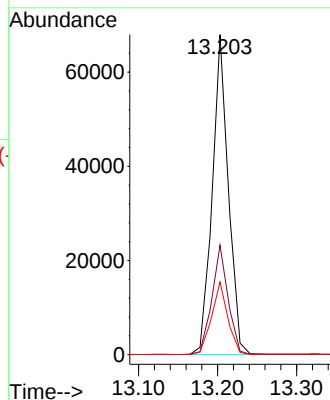
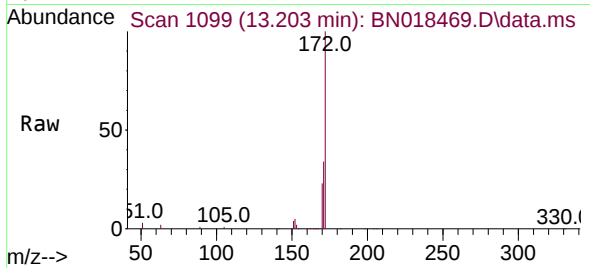




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.203 min Scan# 1099
Delta R.T. -0.013 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

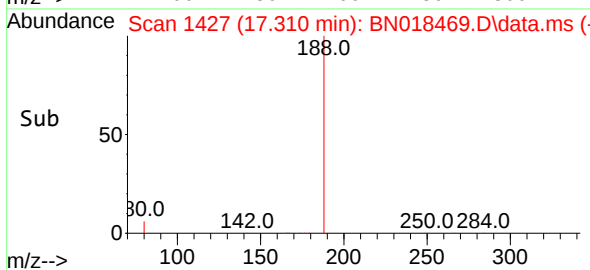
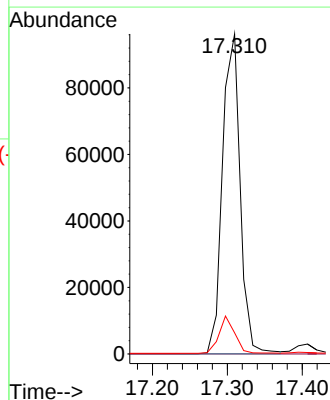
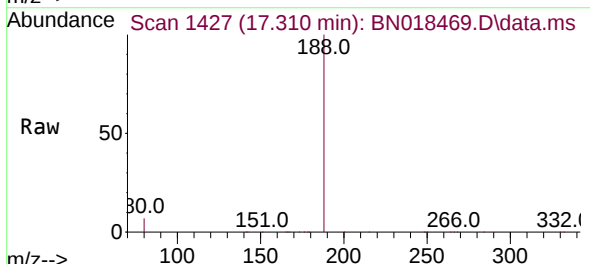
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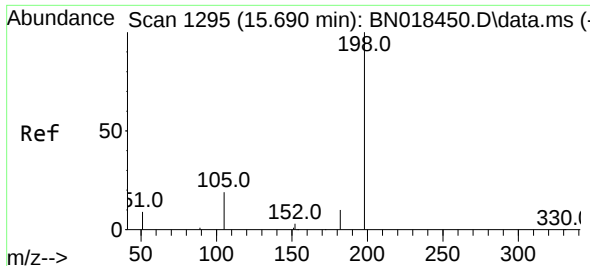
Tgt Ion:172 Resp: 96224
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.0
170 22.7 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.310 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

Tgt Ion:188 Resp: 157416
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 7.0 10.4

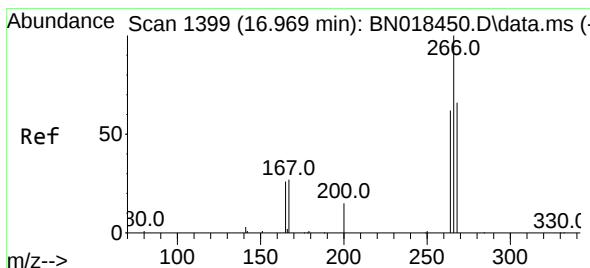
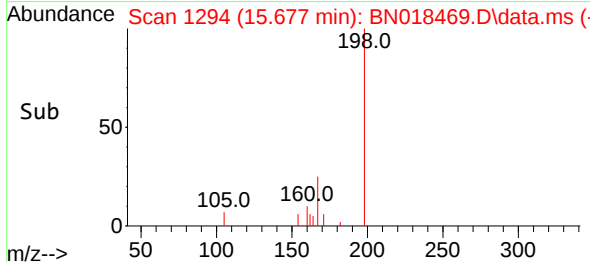
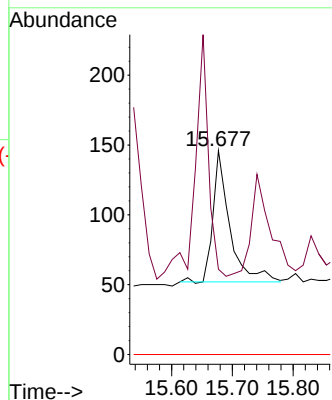
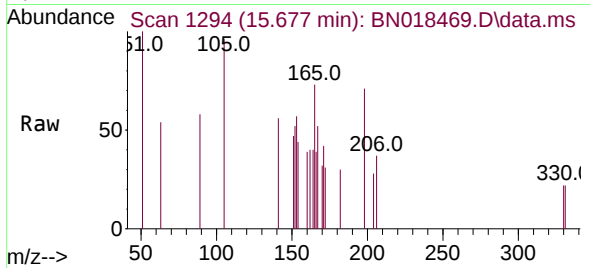




#20
4,6-Dinitro-2-methylphenol
Concen: 0.102 ng
RT: 15.677 min Scan# 1294
Delta R.T. -0.013 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

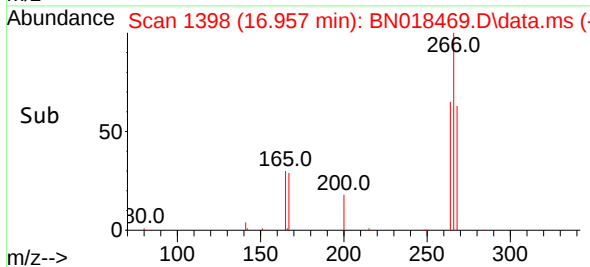
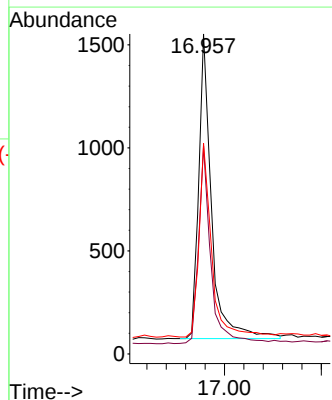
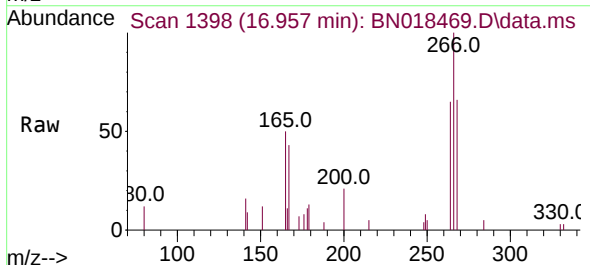
Instrument :
BNA_N
ClientSampleId :
EB-01-012422

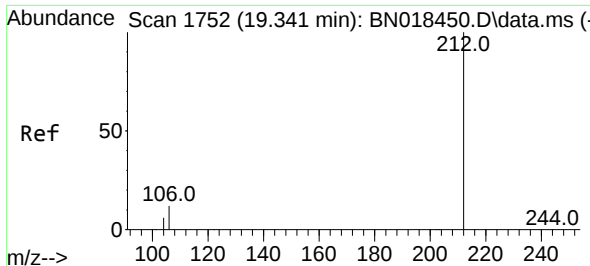
Tgt Ion:198 Resp: 181
Ion Ratio Lower Upper
198 100
182 41.8 15.5 23.3#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.253 ng
RT: 16.957 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

Tgt Ion:266 Resp: 2718
Ion Ratio Lower Upper
266 100
264 61.7 49.5 74.3
268 63.1 50.6 76.0

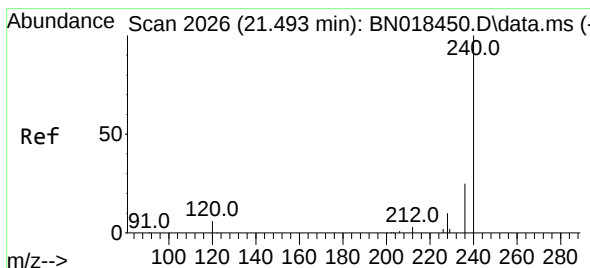
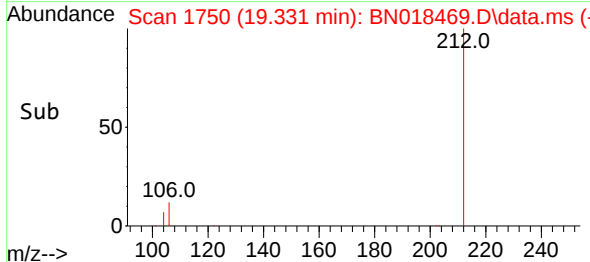
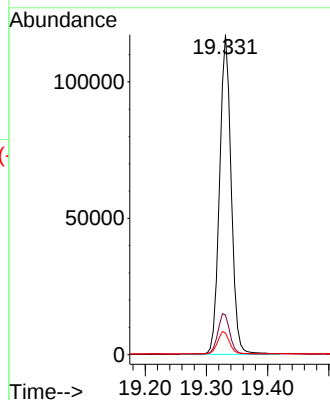
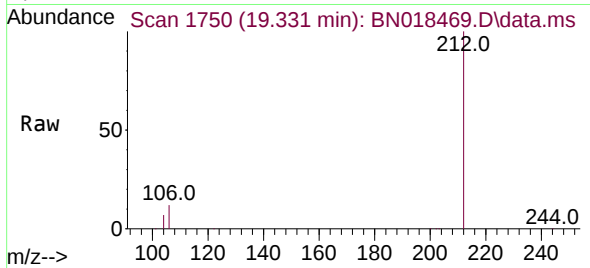




#27
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.331 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

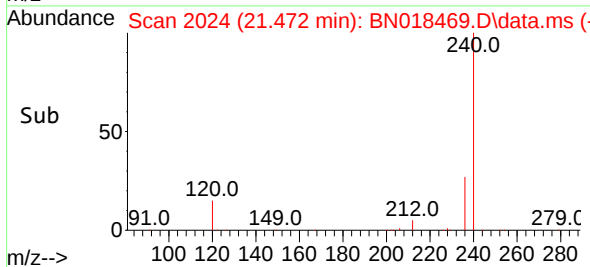
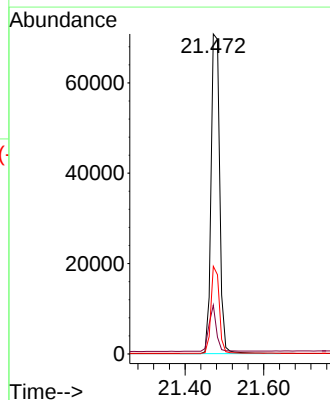
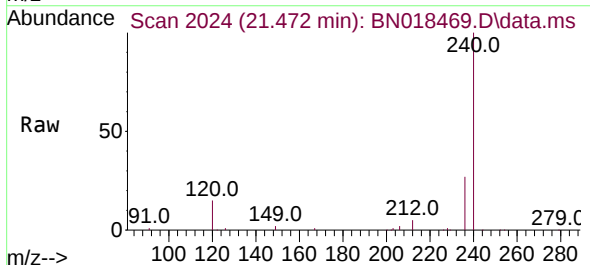
Instrument :
BNA_N
ClientSampleId :
EB-01-012422

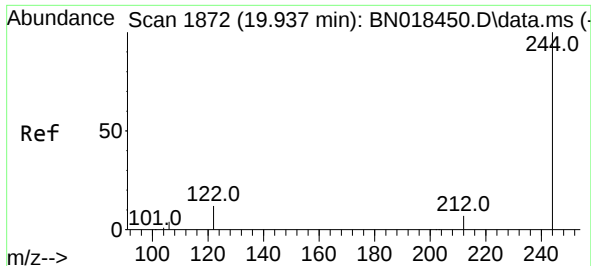
Tgt Ion:212 Resp: 154675
Ion Ratio Lower Upper
212 100
106 12.9 8.4 12.6#
104 7.2 4.5 6.7#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.472 min Scan# 2024
Delta R.T. -0.021 min
Lab File: BN018469.D
Acq: 25 Jan 2022 21:00

Tgt Ion:240 Resp: 108287
Ion Ratio Lower Upper
240 100
120 15.3 6.0 9.0#
236 27.4 21.4 32.2

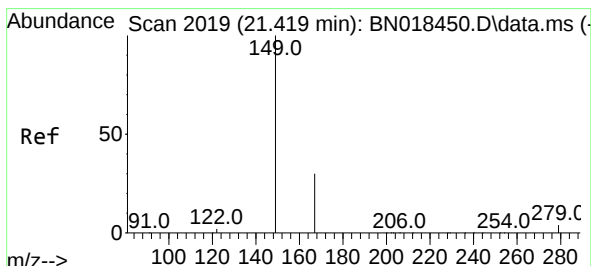
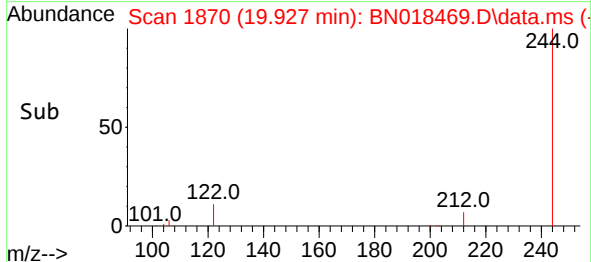
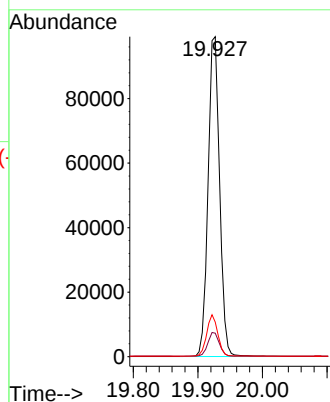
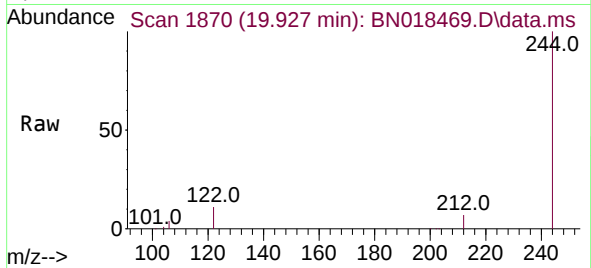




#31
 Terphenyl-d14
 Concen: 0.394 ng
 RT: 19.927 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: BN018469.D
 Acq: 25 Jan 2022 21:00

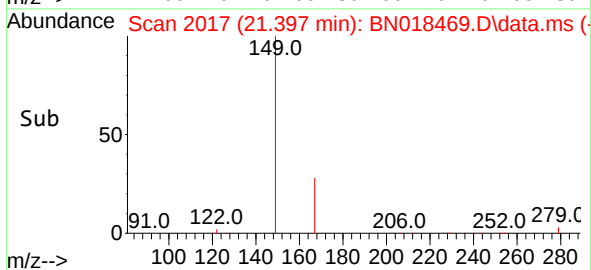
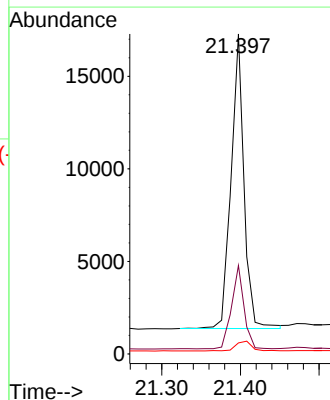
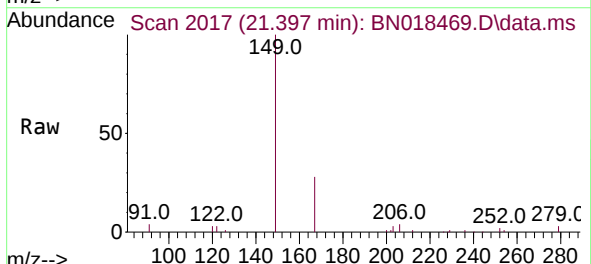
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-012422

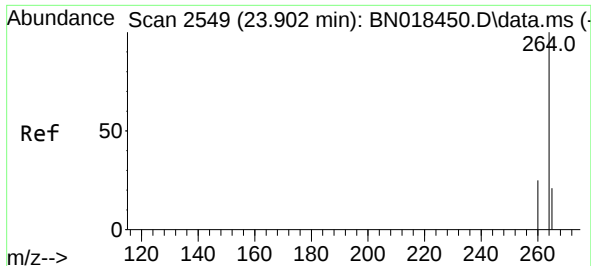
Tgt Ion:244 Resp: 132476
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.8 7.9 11.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.397 min Scan# 2017
 Delta R.T. -0.021 min
 Lab File: BN018469.D
 Acq: 25 Jan 2022 21:00

Tgt Ion:149 Resp: 18113
 Ion Ratio Lower Upper
 149 100
 167 27.0 23.7 35.5
 279 4.2 3.6 5.4

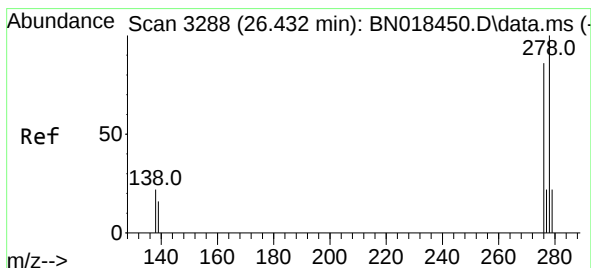
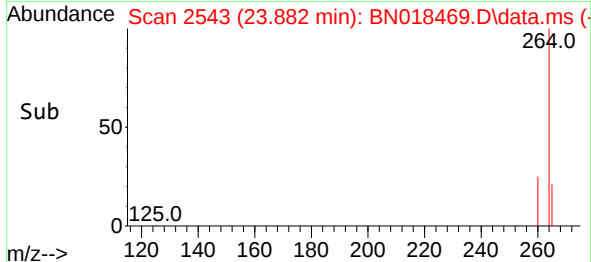
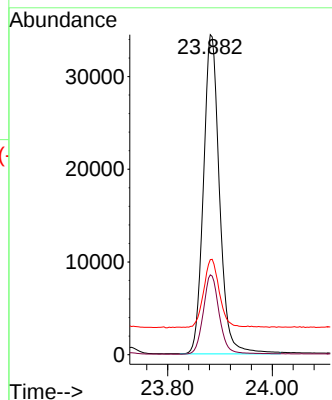
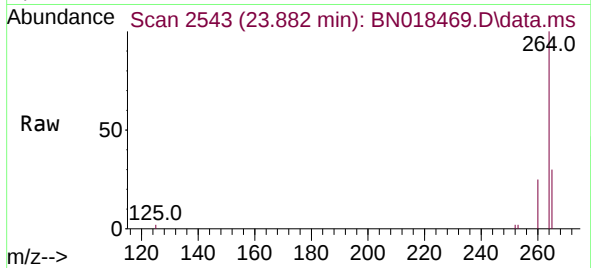




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.882 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BN018469.D
 Acq: 25 Jan 2022 21:00

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-012422

Tgt Ion:264 Resp: 73556
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.4
 265 29.7 18.2 27.2#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.134 ng
 RT: 26.401 min Scan# 3279
 Delta R.T. -0.031 min
 Lab File: BN018469.D
 Acq: 25 Jan 2022 21:00

Tgt Ion:278 Resp: 102
 Ion Ratio Lower Upper
 278 100
 139 208.5 10.8 16.2#
 279 227.1 19.0 28.4#

