

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016752.D
 Acq On : 05 Oct 2021 20:01
 Operator : CG/JU
 Sample : M3915-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 00:59:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

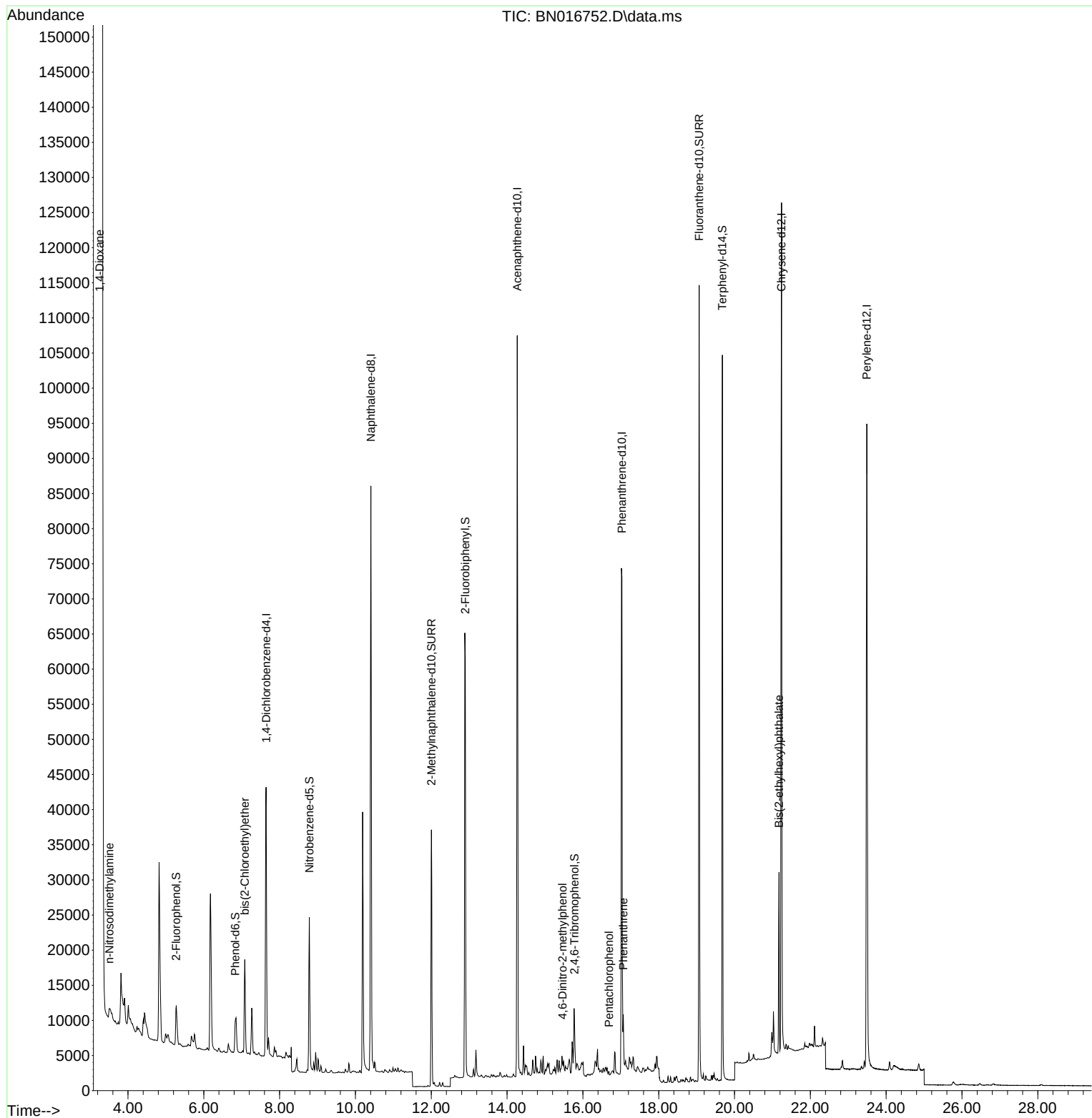
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	23997	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	110556	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	58824	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	114953	0.400	ng	0.00
29) Chrysene-d12	21.238	240	119435	0.400	ng	0.00
35) Perylene-d12	23.488	264	125253	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7939	0.130	ng	0.02
5) Phenol-d6	6.831	99	4830	0.071	ng	0.00
8) Nitrobenzene-d5	8.784	82	20131	0.260	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	51261	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	8203	0.359	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	64512	0.274	ng	0.00
27) Fluoranthene-d10	19.068	212	128463	0.408	ng	0.00
31) Terphenyl-d14	19.678	244	104443	0.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.253	88	12365	1.104	ng	# 69
3) n-Nitrosodimethylamine	3.511	42	1095	0.061	ng	# 1
6) bis(2-Chloroethyl)ether	7.080	93	12203	0.187	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	14	0.267	ng	# 1
24) Pentachlorophenol	16.689	266	71	0.340	ng	# 65
25) Phenanthrene	17.066	178	8396	0.025	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.174	149	24230	0.108	ng	100

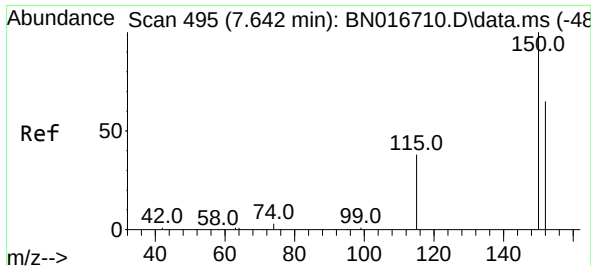
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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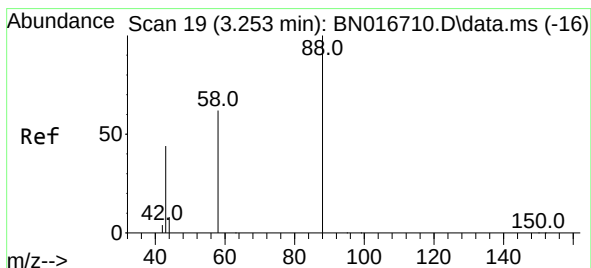
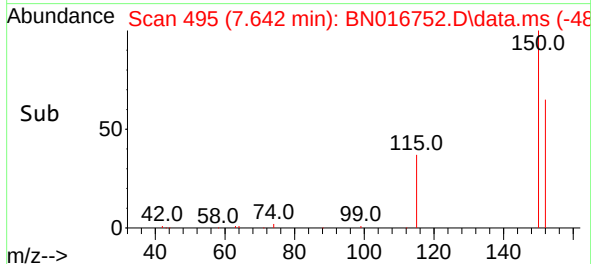
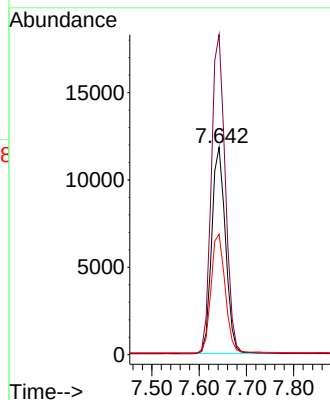
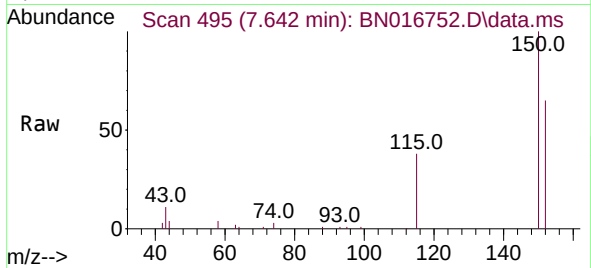




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

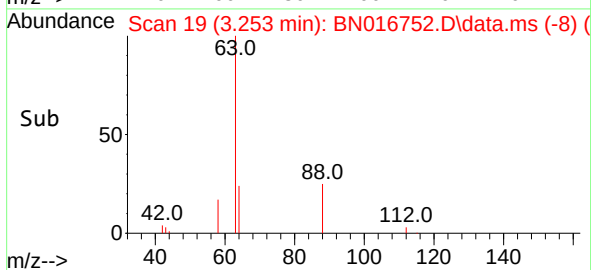
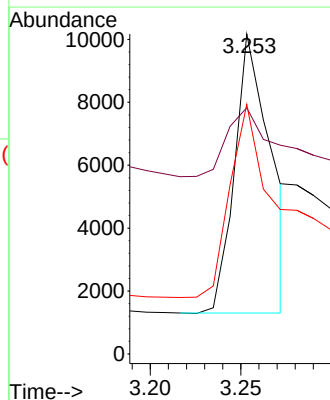
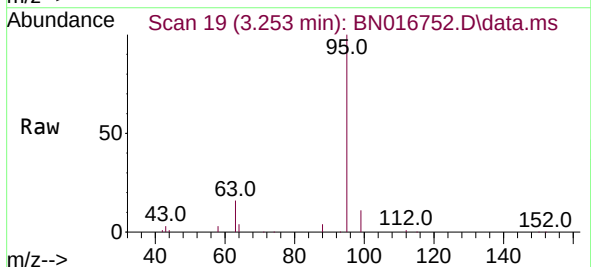
Instrument :
BNA_N
ClientSampled :

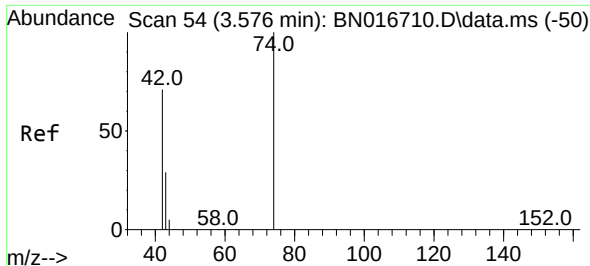
Tgt Ion:152 Resp: 23997
Ion Ratio Lower Upper
152 100
150 154.3 123.3 184.9
115 58.1 47.0 70.6



#2
1,4-Dioxane
Concen: 1.104 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

Tgt Ion: 88 Resp: 12365
Ion Ratio Lower Upper
88 100
43 27.9 61.7 92.5#
58 73.1 62.2 93.2

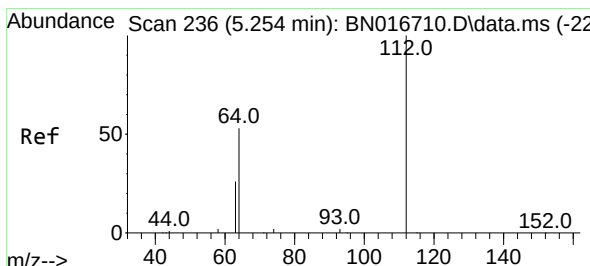
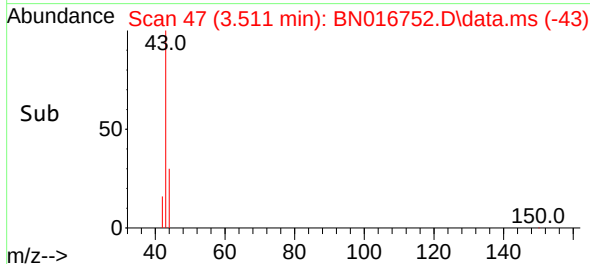
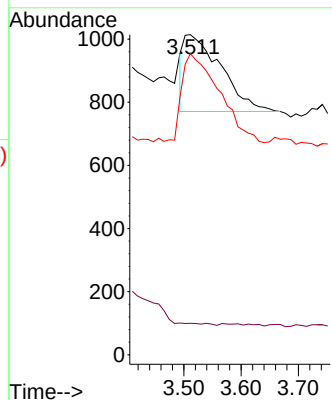
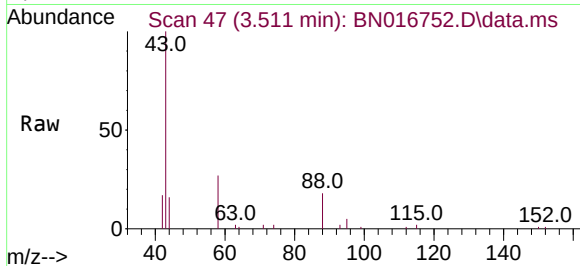




#3
n-Nitrosodimethylamine
Concen: 0.061 ng
RT: 3.511 min Scan# 47
Delta R.T. -0.064 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

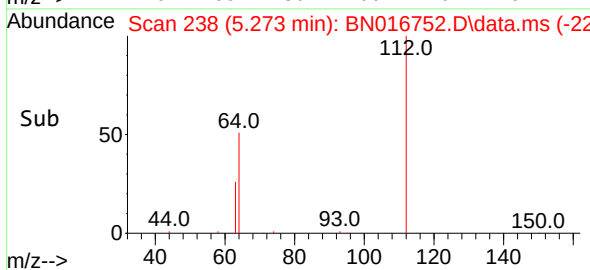
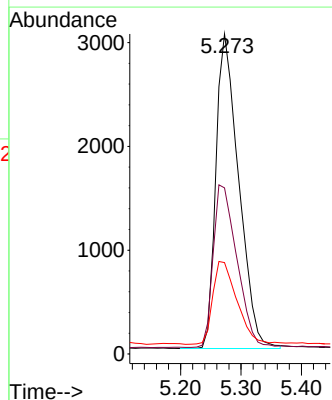
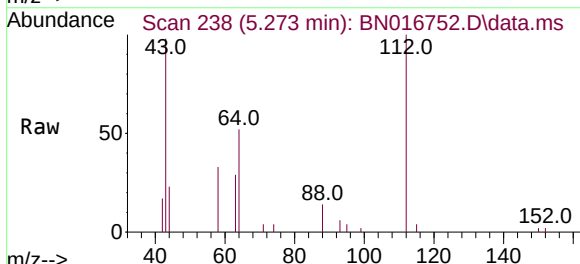
Instrument :
BNA_N
ClientSampleId :

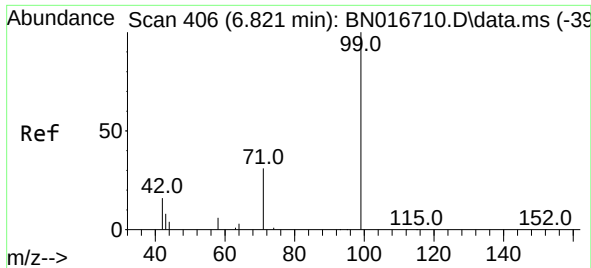
Tgt Ion: 42 Resp: 1095
Ion Ratio Lower Upper
42 100
74 0.0 124.0 186.0#
44 109.3 5.6 8.4#



#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

Tgt Ion: 112 Resp: 7939
Ion Ratio Lower Upper
112 100
64 53.7 42.9 64.3
63 28.1 21.5 32.3

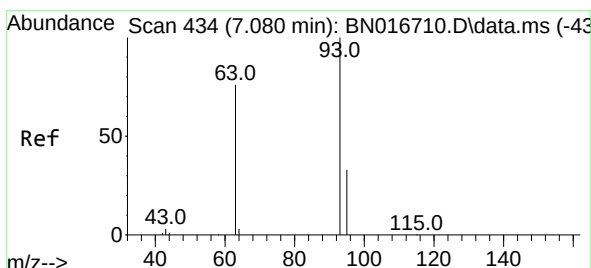
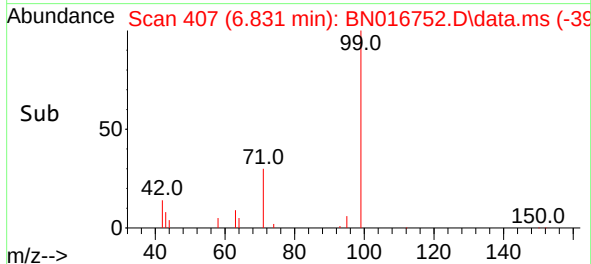
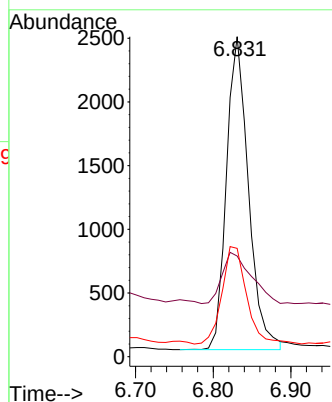
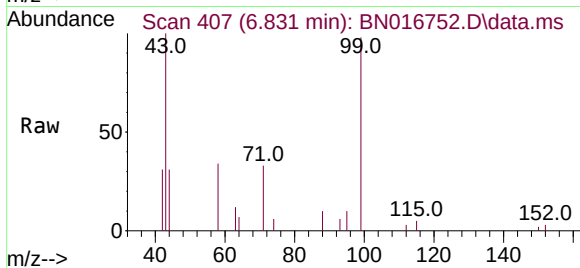




#5
Phenol-d6
Concen: 0.071 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

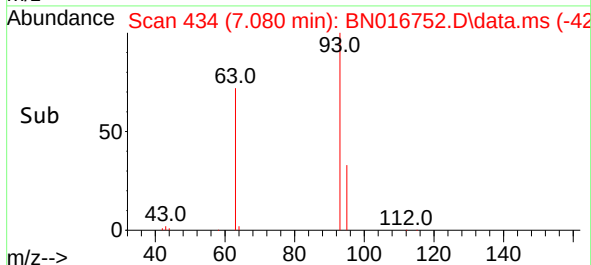
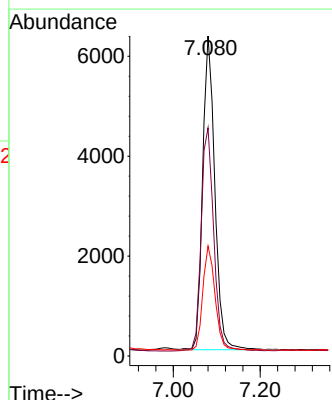
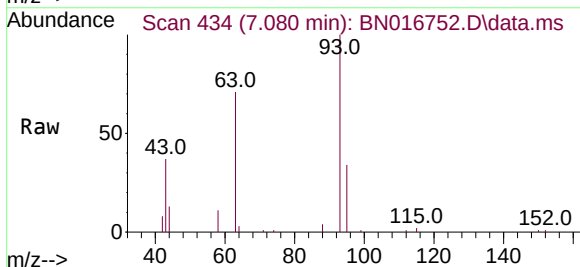
Instrument :
BNA_N
ClientSampleId :

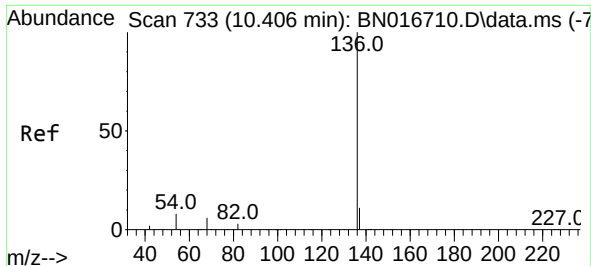
Tgt Ion: 99 Resp: 4830
Ion Ratio Lower Upper
99 100
42 21.5 13.4 20.2#
71 34.8 24.0 36.0



#6
bis(2-Chloroethyl)ether
Concen: 0.187 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

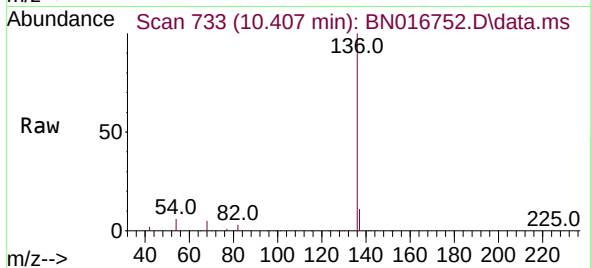
Tgt Ion: 93 Resp: 12203
Ion Ratio Lower Upper
93 100
63 73.7 59.0 88.6
95 33.2 26.4 39.6



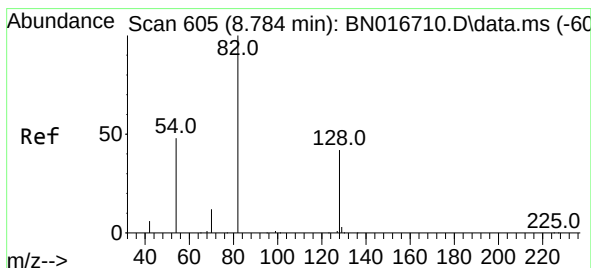
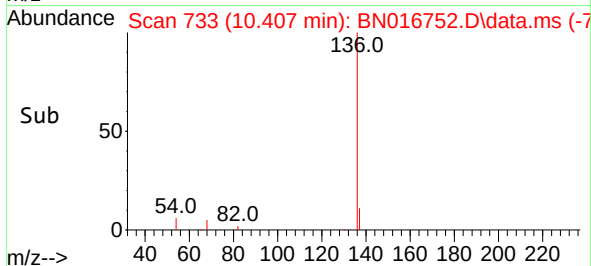
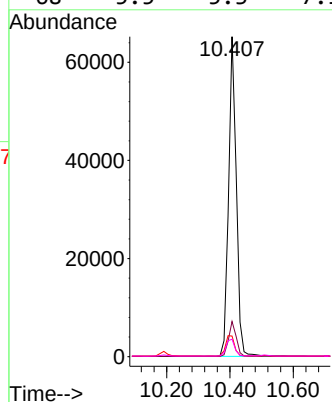


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

Instrument :
BNA_N
ClientSampleId :

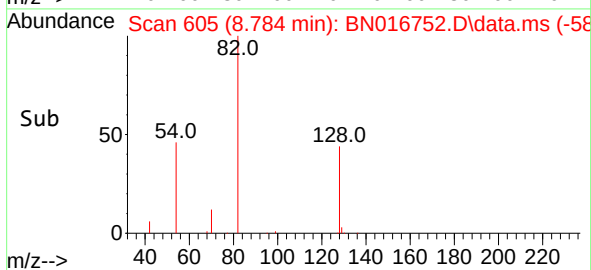
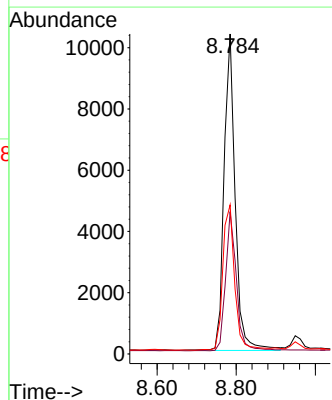
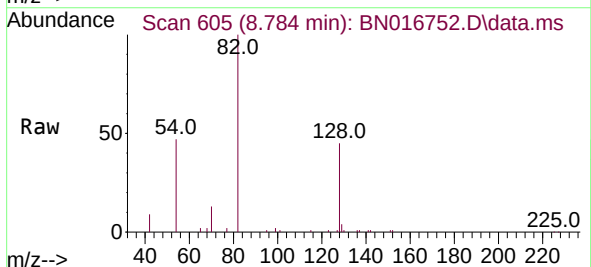


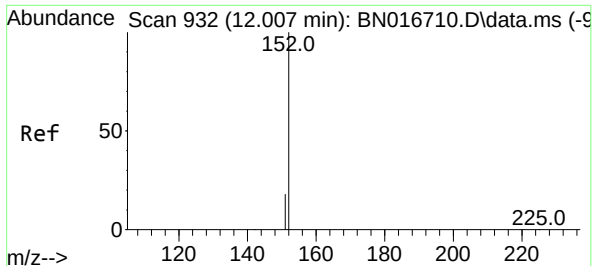
Tgt Ion:	136	Resp:	110556
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.5	6.5	9.7#
68	5.5	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.260 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

Tgt Ion:	82	Resp:	20131
Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.8	50.6
54	46.6	38.5	57.7

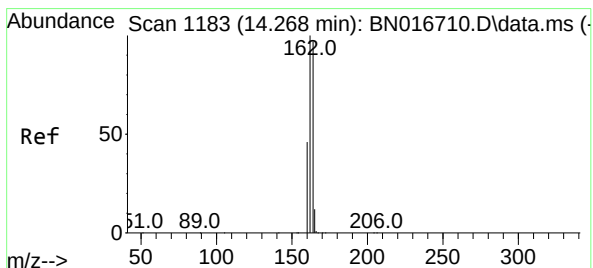
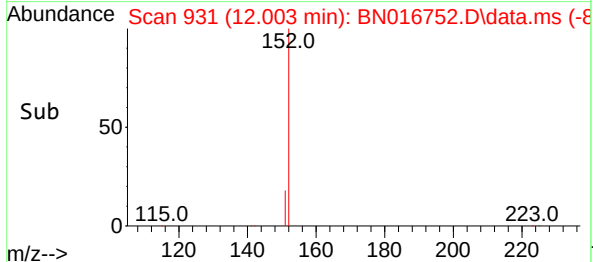
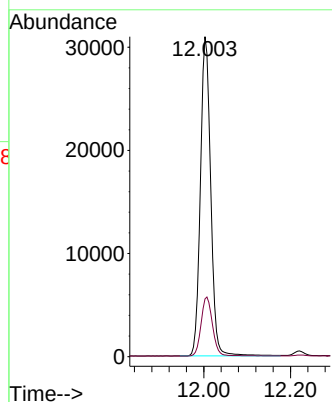
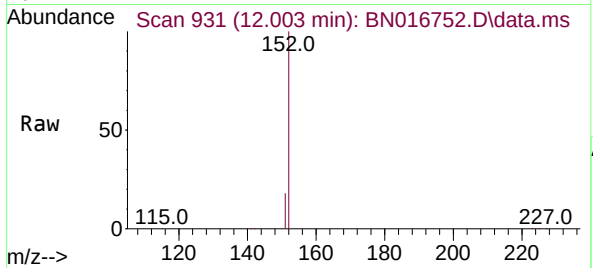




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

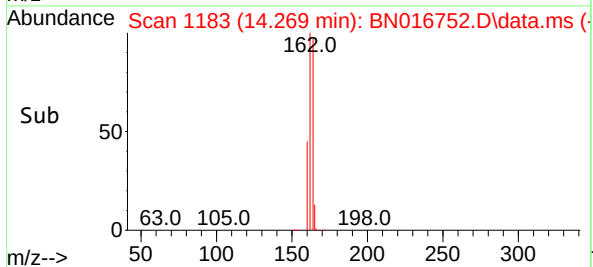
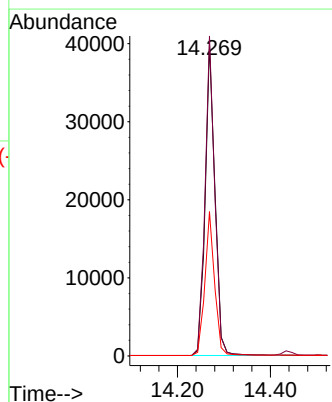
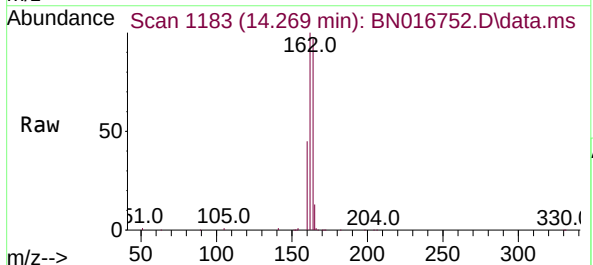
Instrument :
BNA_N
ClientSampleId :

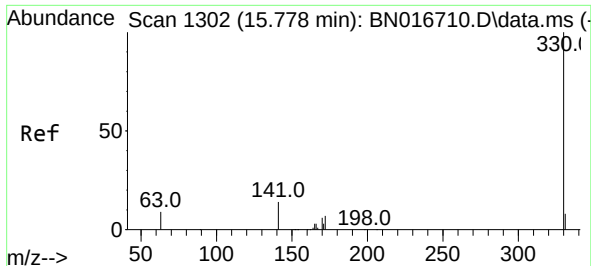
Tgt Ion:152 Resp: 51261
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

Tgt Ion:164 Resp: 58824
Ion Ratio Lower Upper
164 100
162 102.6 82.6 124.0
160 46.2 38.2 57.2

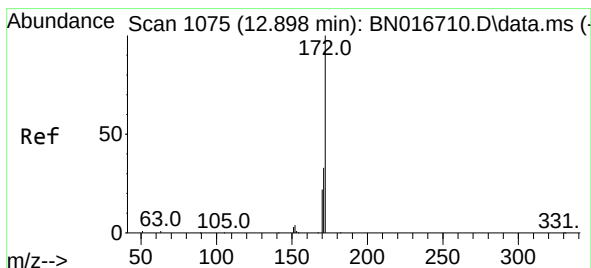
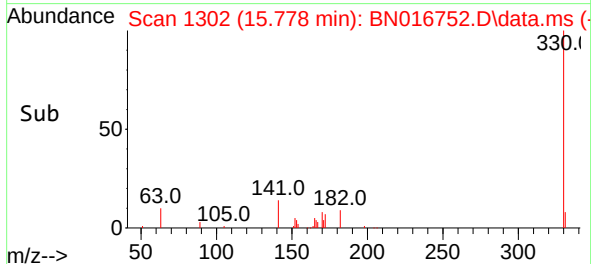
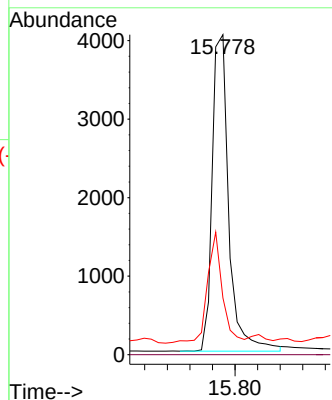
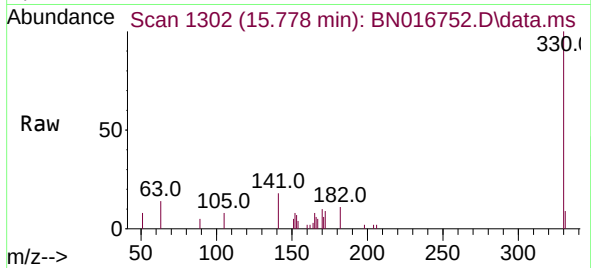




#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

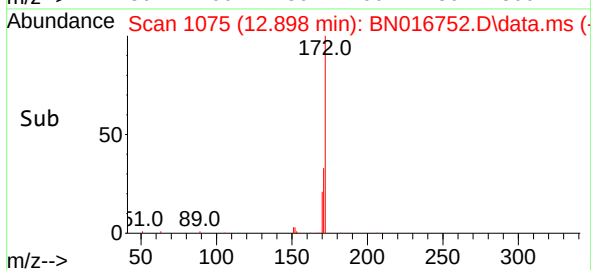
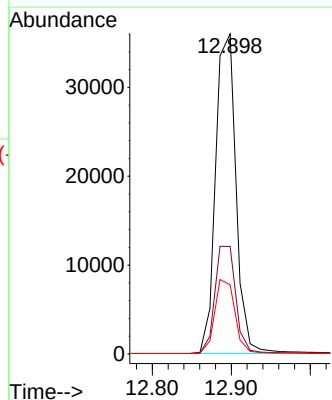
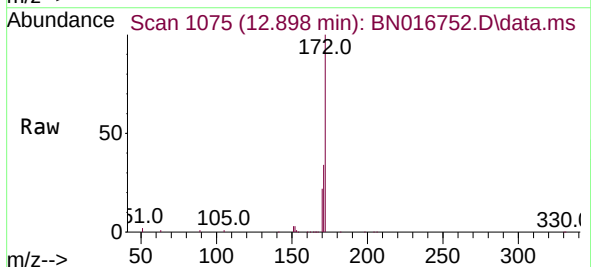
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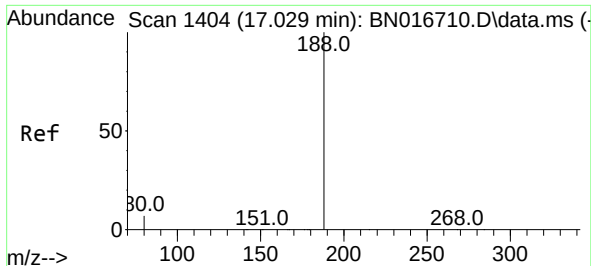
Tgt Ion:330 Resp: 8203
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.9 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.274 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

Tgt Ion:172 Resp: 64512
Ion Ratio Lower Upper
172 100
171 33.6 26.9 40.3
170 21.6 17.4 26.0

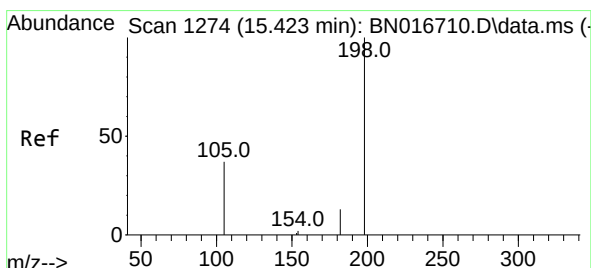
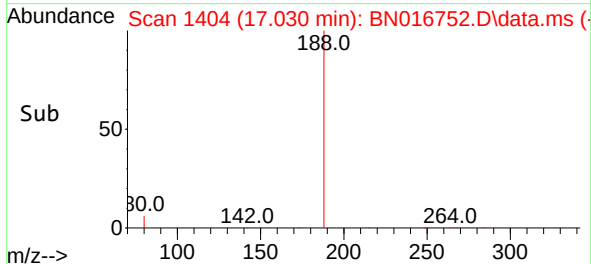
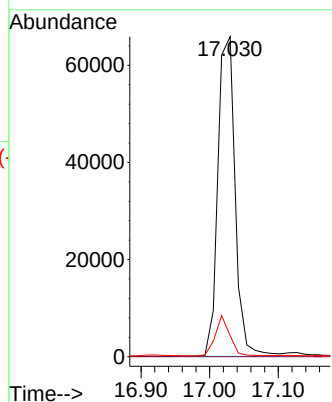
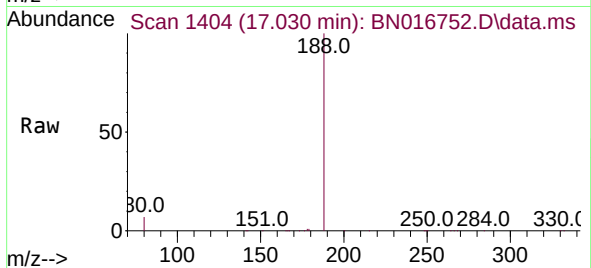




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

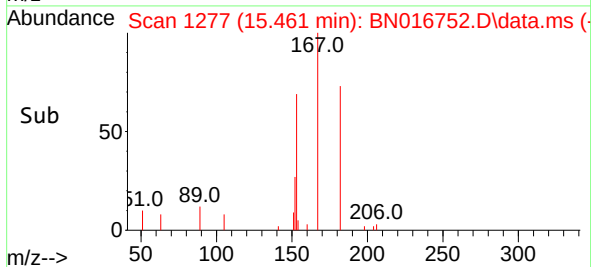
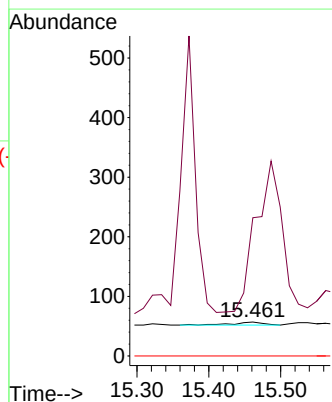
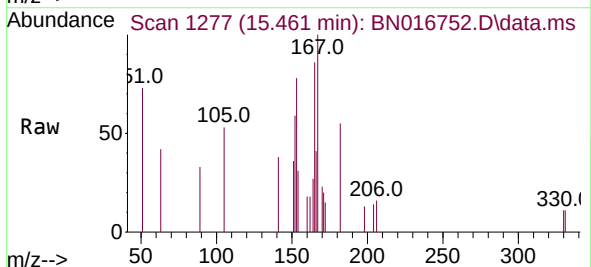
Instrument :
BNA_N
ClientSampleId :

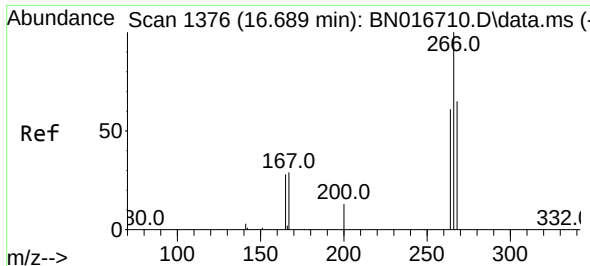
Tgt Ion:188 Resp: 114953
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.038 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 407.0 26.2 39.2#
77 0.0 0.0 0.0

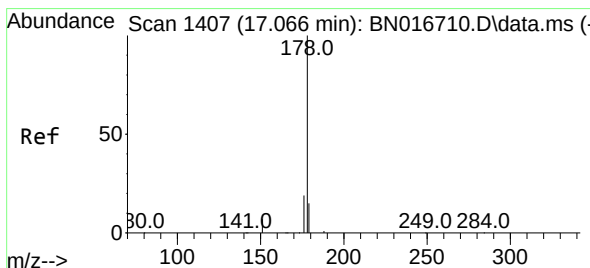
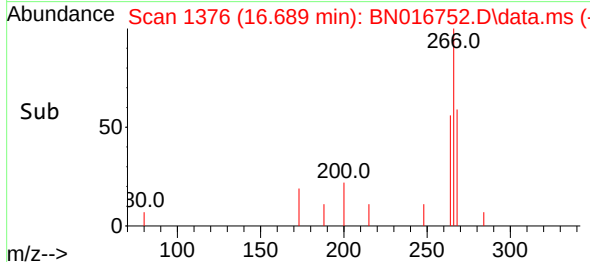
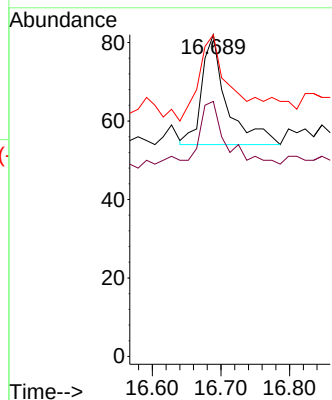
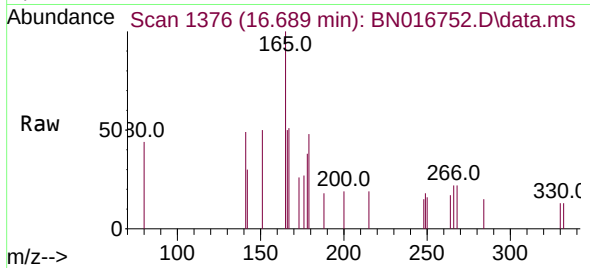




#24
 Pentachlorophenol
 Concen: 0.340 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016752.D
 Acq: 05 Oct 2021 20:01

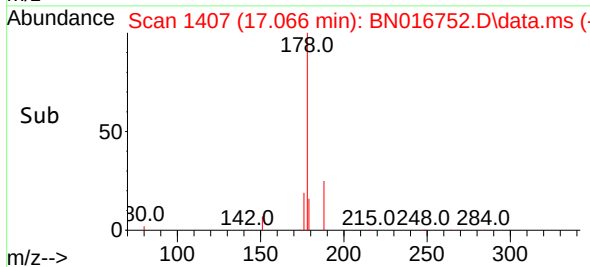
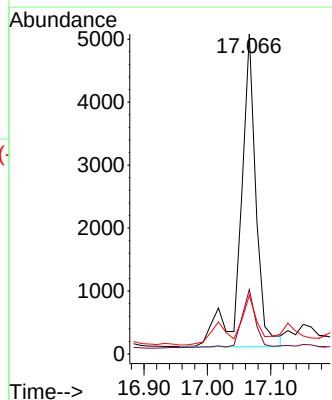
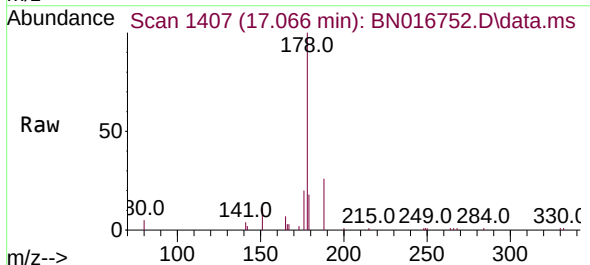
Instrument :
 BNA_N
 ClientSampleId :

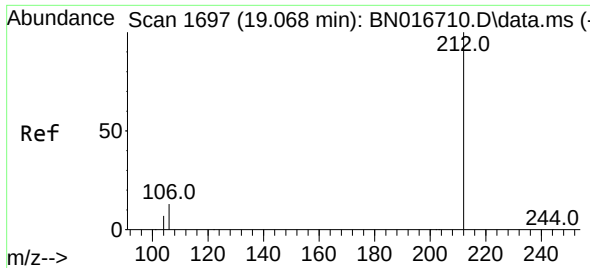
Tgt Ion:266 Resp: 71
 Ion Ratio Lower Upper
 266 100
 264 60.6 49.3 73.9
 268 118.3 51.8 77.8#



#25
 Phenanthrene
 Concen: 0.025 ng
 RT: 17.066 min Scan# 1407
 Delta R.T. 0.000 min
 Lab File: BN016752.D
 Acq: 05 Oct 2021 20:01

Tgt Ion:178 Resp: 8396
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.0 22.6
 179 11.6 12.4 18.6#

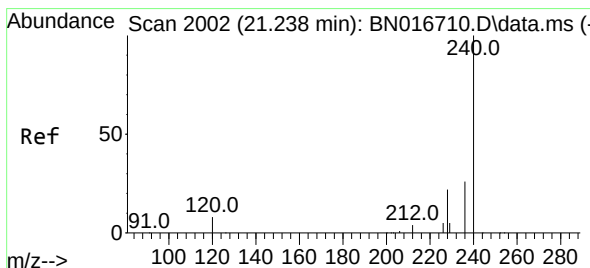
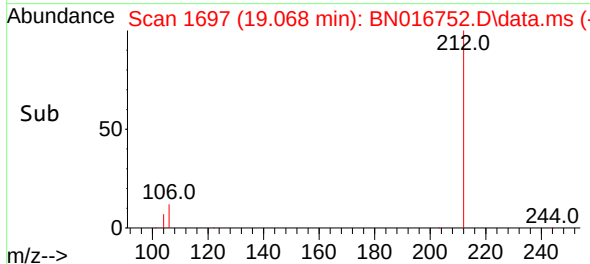
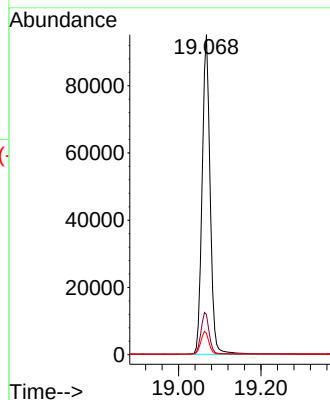
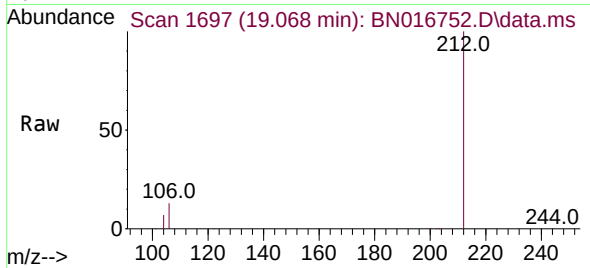




#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

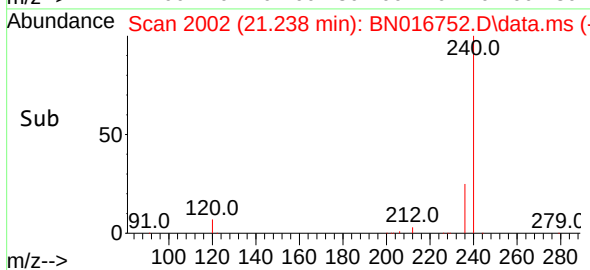
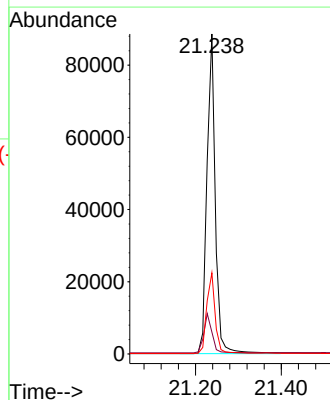
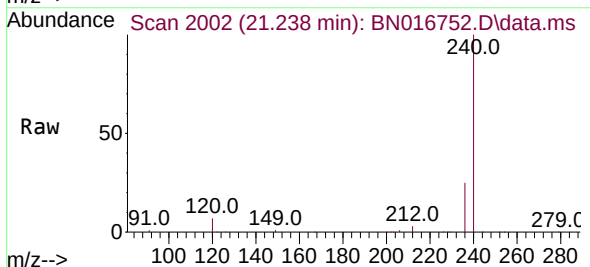
Instrument :
BNA_N
ClientSampleId :

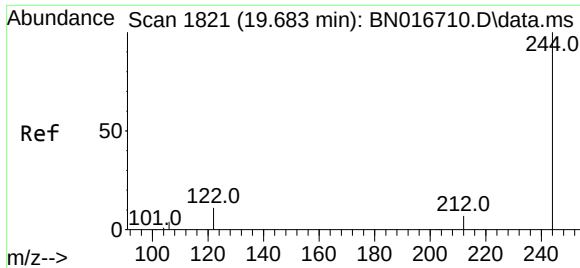
Tgt Ion:212 Resp: 128463
Ion Ratio Lower Upper
212 100
106 13.2 10.6 16.0
104 7.3 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016752.D
Acq: 05 Oct 2021 20:01

Tgt Ion:240 Resp: 119435
Ion Ratio Lower Upper
240 100
120 6.9 6.6 10.0
236 25.4 20.7 31.1

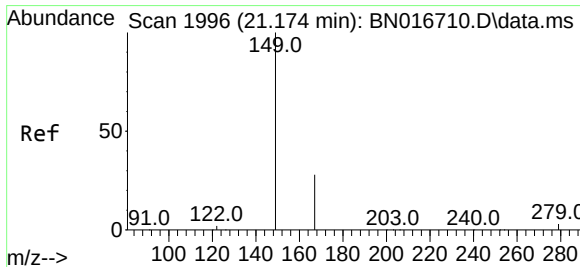
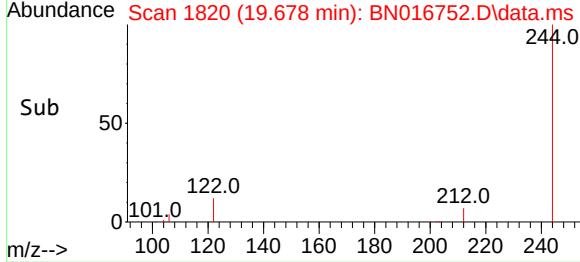
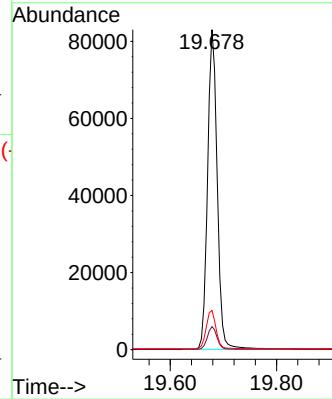
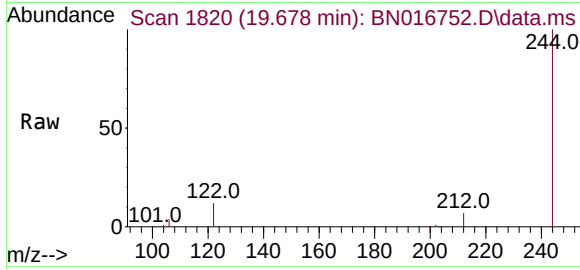




#31
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. -0.005 min
 Lab File: BN016752.D
 Acq: 05 Oct 2021 20:01

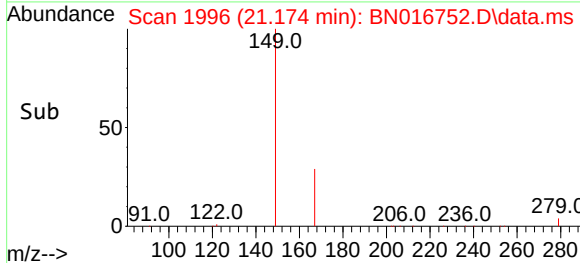
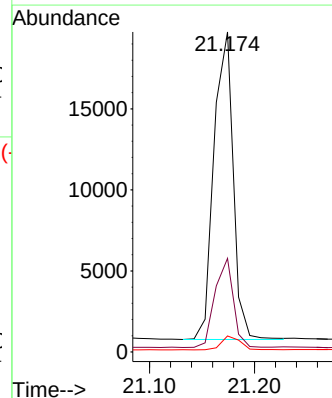
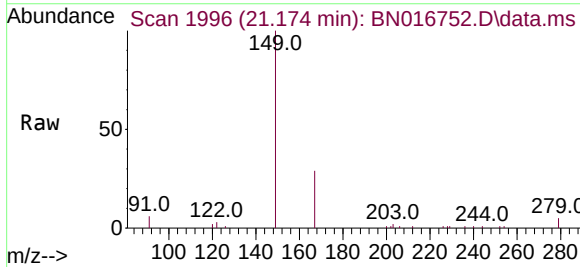
Instrument :
 BNA_N
 ClientSampleId :

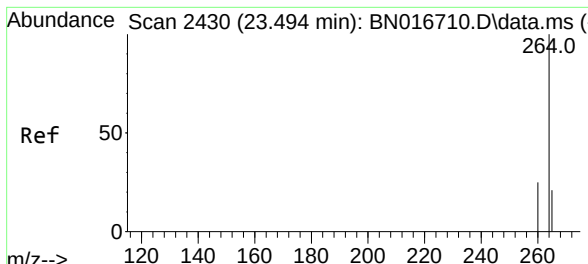
Tgt Ion:244	Resp:	104443
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.8 8.6
122	12.3	8.9 13.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.174 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BN016752.D
 Acq: 05 Oct 2021 20:01

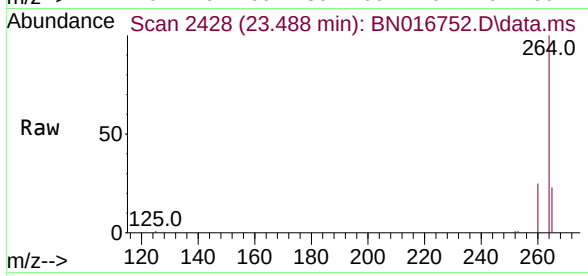
Tgt Ion:149	Resp:	24230
Ion Ratio	Lower	Upper
149	100	
167	27.6	22.2 33.4
279	4.4	3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.488 min Scan# 2428
 Delta R.T. -0.007 min
 Lab File: BN016752.D
 Acq: 05 Oct 2021 20:01

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 125253

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	23.2	20.3	30.5

