

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
 Data File : BN022007.D
 Acq On : 04 Oct 2022 15:00
 Operator : CG/JU
 Sample : N4971-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

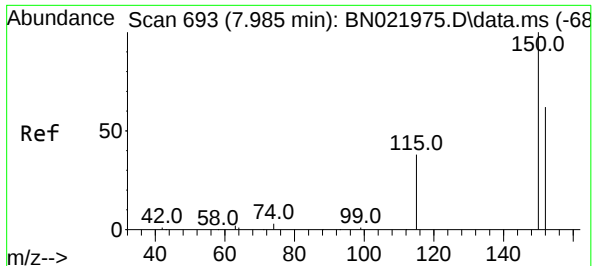
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 23:04:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 01:32:21 2022
 Response via : Initial Calibration

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

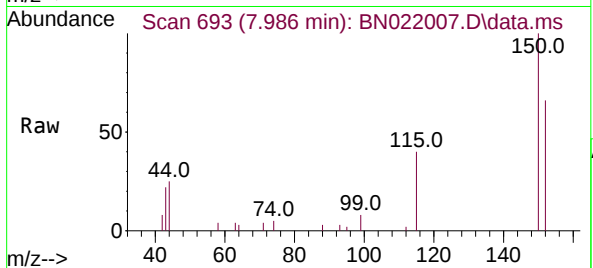
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	4072	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	12630	0.400	ng	0.00
13) Acenaphthene-d10	14.653	164	6671	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	13768	0.400	ng	#-0.01
29) Chrysene-d12	21.600	240	12341	0.400	ng	# 0.00
35) Perylene-d12	24.084	264	10750	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.516	112	1459	0.155	ng	0.00
5) Phenol-d6	7.141	99	1087	0.089	ng	0.00
8) Nitrobenzene-d5	9.161	82	3705	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	12.406	152	7440	0.320	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	1110	0.436	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	10566	0.363	ng	-0.01
27) Fluoranthene-d10	19.441	212	15671	0.428	ng	0.00
31) Terphenyl-d14	20.033	244	9894	0.399	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.645	42	397	0.069	ng	# 1
9) Naphthalene	10.859	128	3796	0.100	ng	94
16) Acenaphthylene	14.375	152	714	0.022	ng	94
18) Fluorene	15.701	166	927	0.034	ng	97
20) 4,6-Dinitro-2-methylph...	15.786	198	34	0.204	ng	# 1
25) Phenanthrene	17.449	178	5322	0.112	ng	99
26) Anthracene	17.536	178	1428	0.038	ng	# 87
28) Fluoranthene	19.470	202	2000	0.039	ng	# 87
30) Pyrene	19.833	202	1546	0.029	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.502	149	31276	1.405	ng	99

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

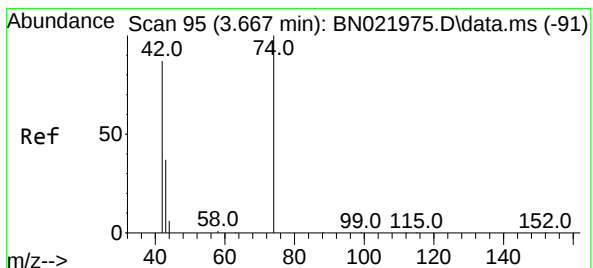
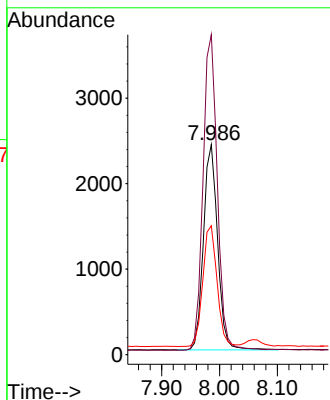
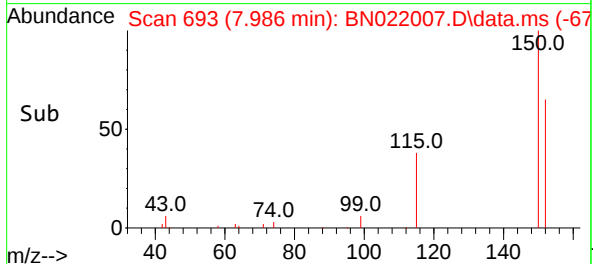


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.986 min Scan# 69
Delta R.T. 0.001 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Instrument :
BNA_N
ClientSampleId :

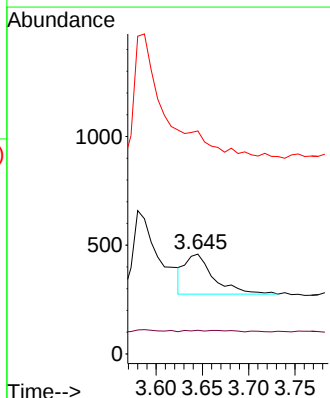
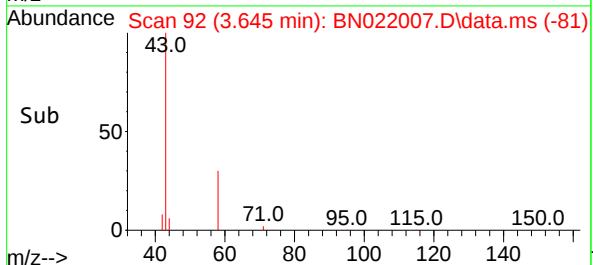
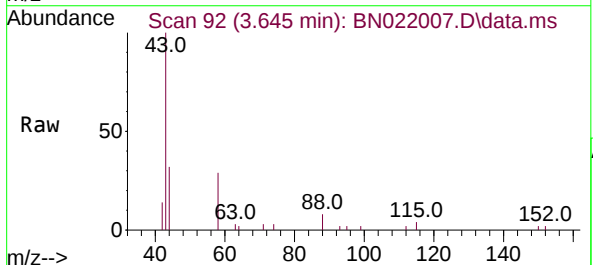


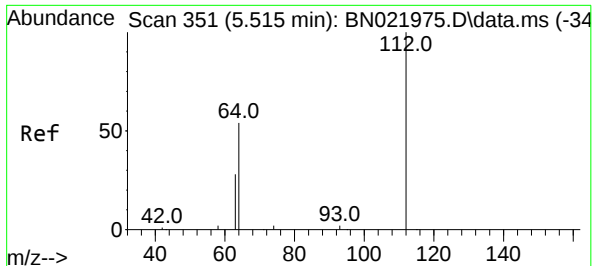
Tgt Ion:152 Resp: 4072
Ion Ratio Lower Upper
152 100
150 152.3 127.2 190.8
115 61.4 51.4 77.0



#3
n-Nitrosodimethylamine
Concen: 0.069 ng
RT: 3.645 min Scan# 92
Delta R.T. -0.021 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion: 42 Resp: 397
Ion Ratio Lower Upper
42 100
74 2.3 101.6 152.4#
44 0.0 10.4 15.6#

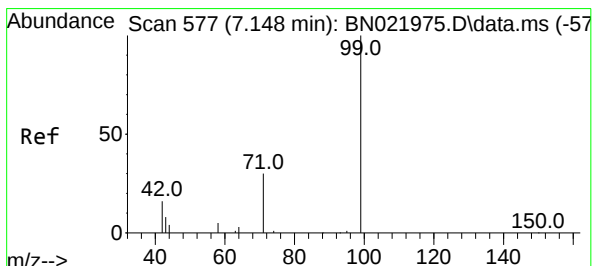
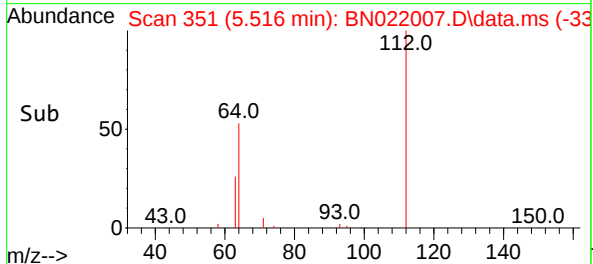
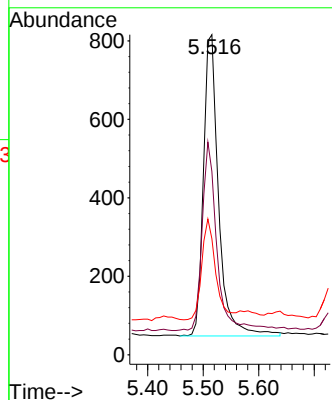
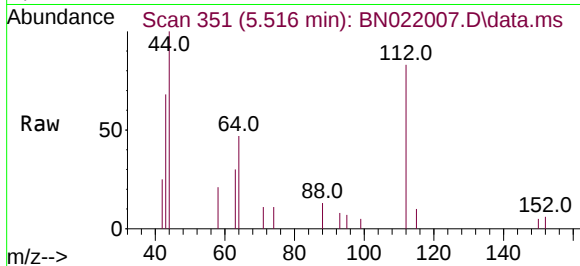




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.516 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

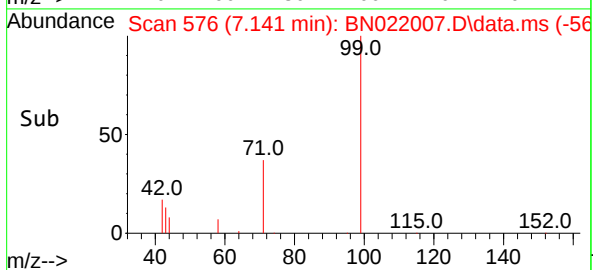
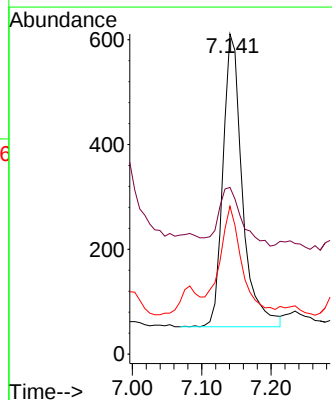
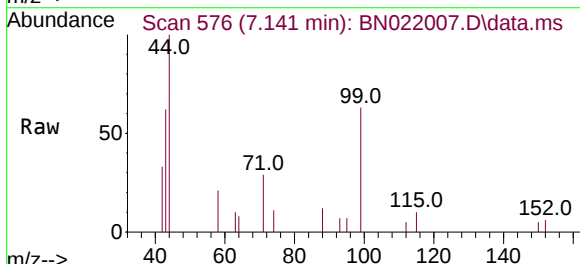
Instrument :
BNA_N
ClientSampleId :

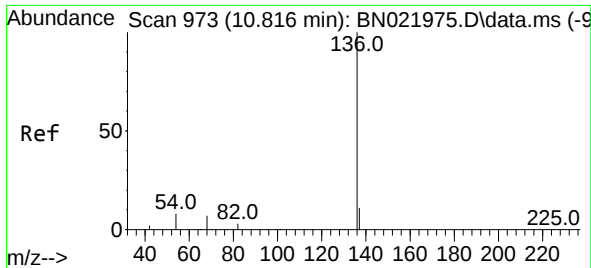
Tgt Ion:112 Resp: 1459
Ion Ratio Lower Upper
112 100
64 60.7 46.9 70.3
63 30.5 24.6 37.0



#5
Phenol-d6
Concen: 0.089 ng
RT: 7.141 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion: 99 Resp: 1087
Ion Ratio Lower Upper
99 100
42 23.6 15.9 23.9
71 37.0 25.6 38.4

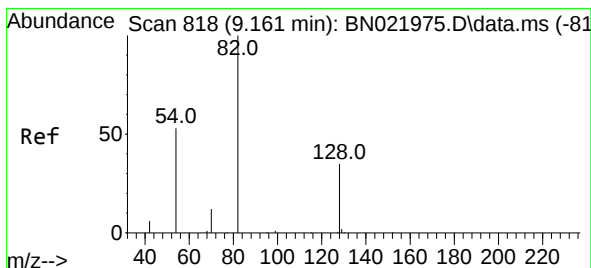
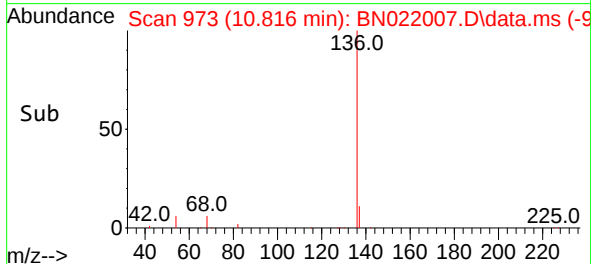
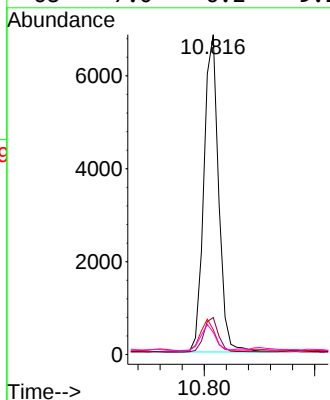
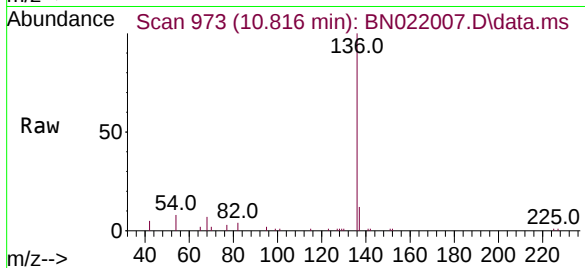




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

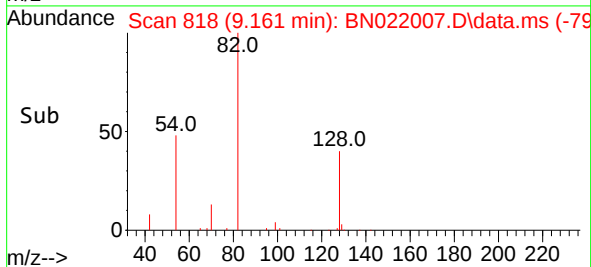
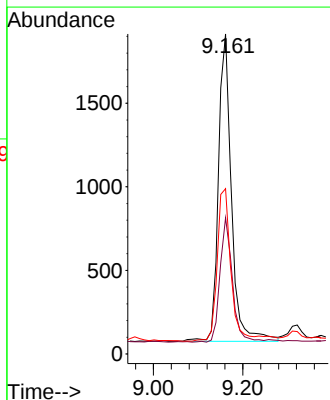
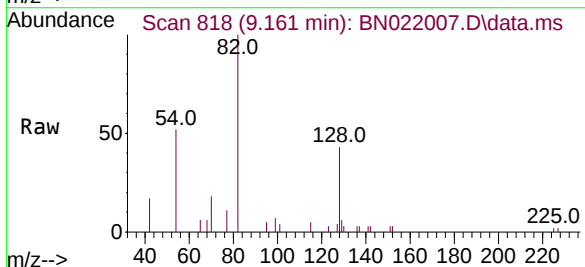
Instrument :
BNA_N
ClientSampleId :

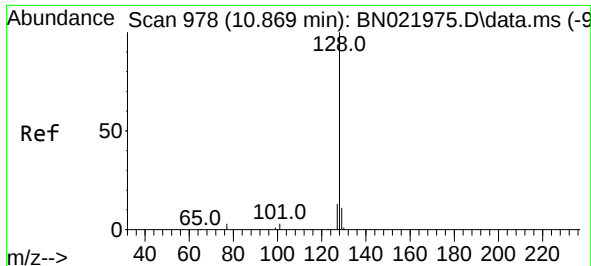
Tgt Ion:	136	Resp:	12630
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.8	7.1	10.7
68	7.0	6.2	9.2



#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.161 min Scan# 818
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion:	82	Resp:	3705
Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.9	44.9
54	51.6	43.5	65.3

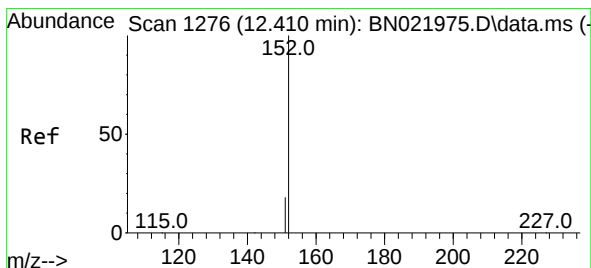
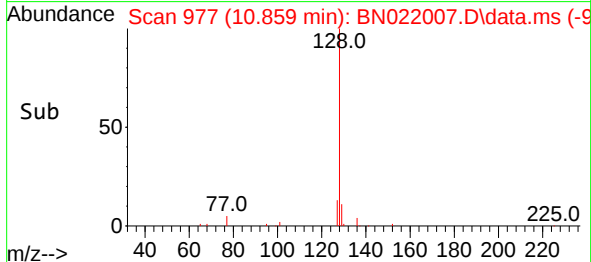
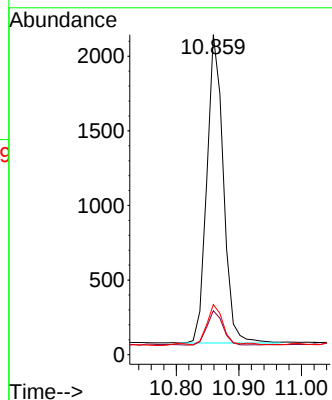
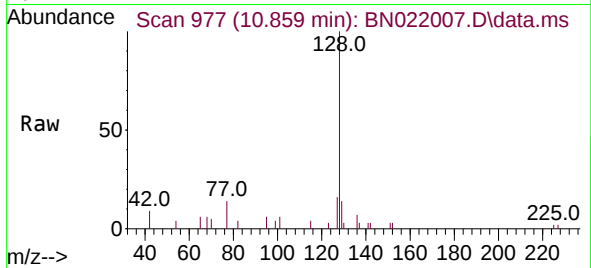




#9
Naphthalene
Concen: 0.100 ng
RT: 10.859 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

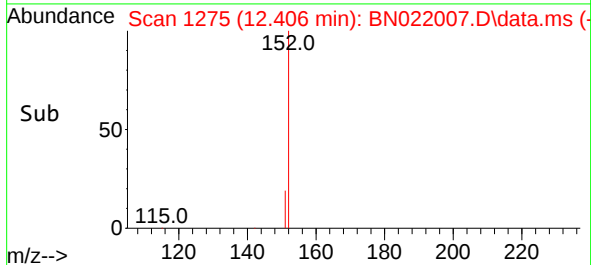
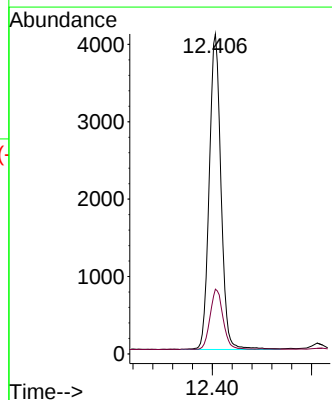
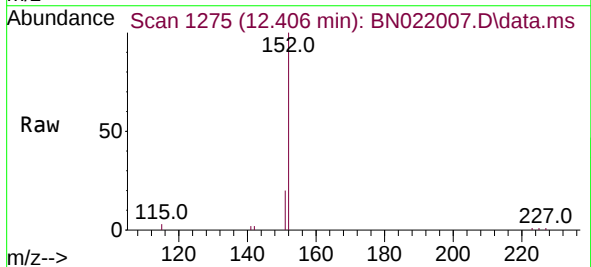
Instrument :
BNA_N
ClientSampleId :

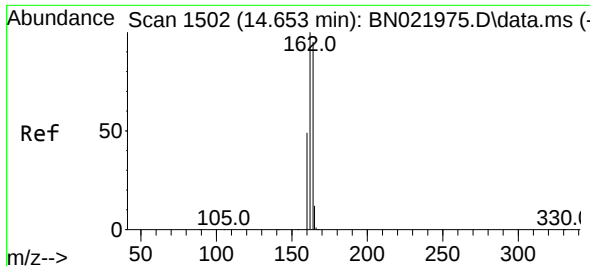
Tgt Ion:	128	Resp:	3796
Ion Ratio	Lower	Upper	
128	100		
129	13.8	9.3	13.9
127	15.7	10.6	16.0



#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.406 min Scan# 1275
Delta R.T. -0.004 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

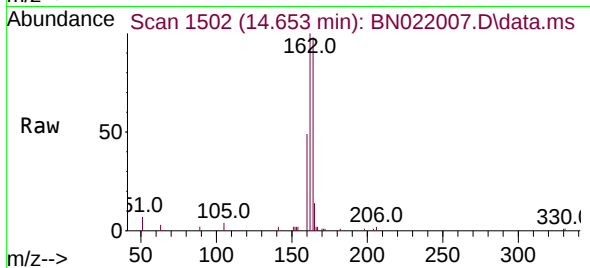
Tgt Ion:	152	Resp:	7440
Ion Ratio	Lower	Upper	
152	100		
151	18.8	13.8	20.6



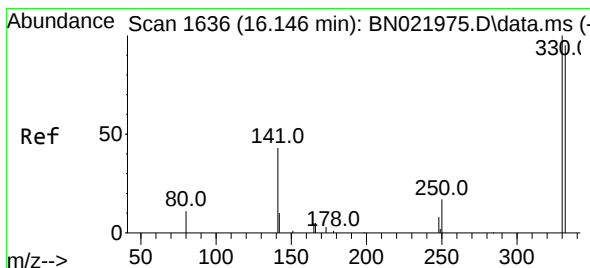
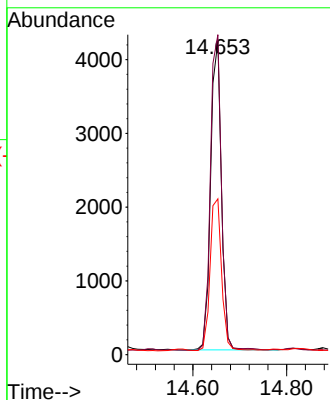
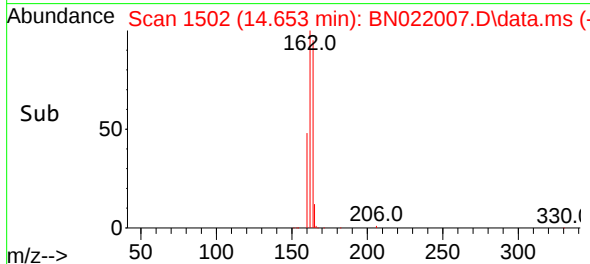


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.653 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

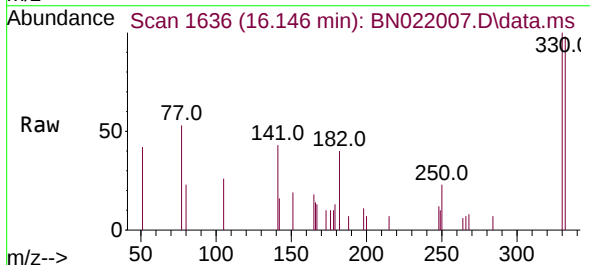
Instrument :
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ClientSampleId :



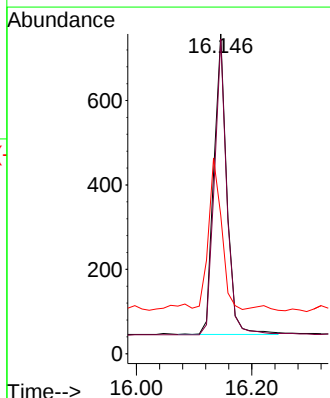
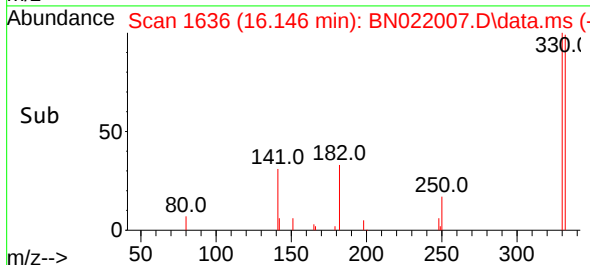
Tgt Ion:164 Resp: 6671
Ion Ratio Lower Upper
164 100
162 102.1 84.3 126.5
160 49.7 41.7 62.5

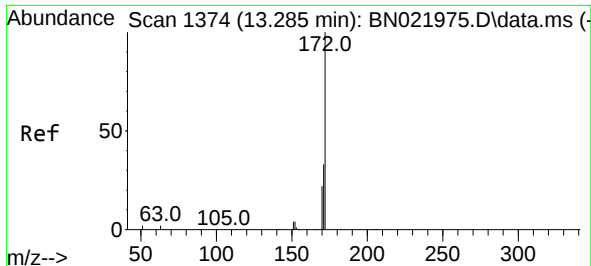


#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 16.146 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00



Tgt Ion:330 Resp: 1110
Ion Ratio Lower Upper
330 100
332 94.3 77.0 115.4
141 50.6 35.3 52.9

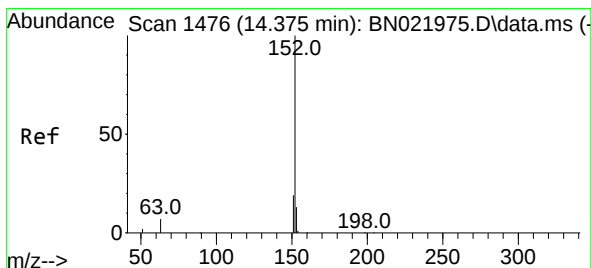
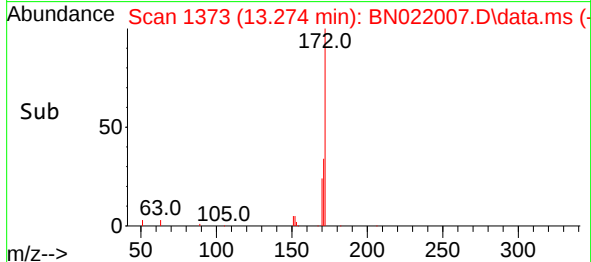
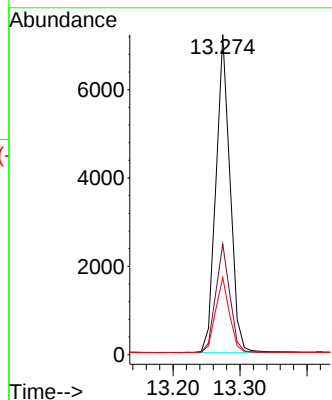
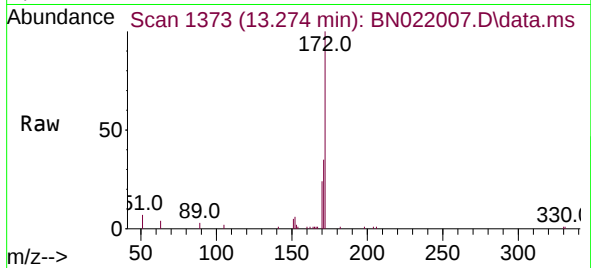




#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.274 min Scan# 1374
Delta R.T. -0.011 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

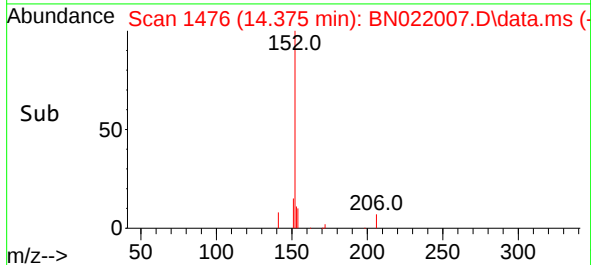
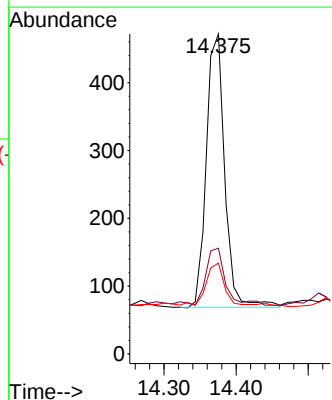
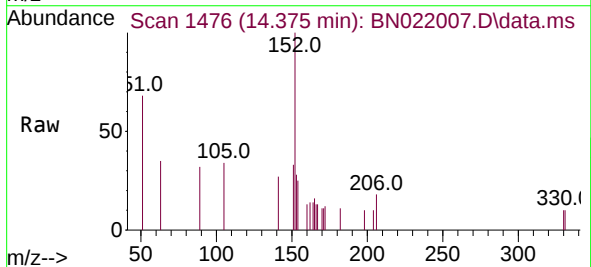
Instrument :
BNA_N
ClientSampleId :

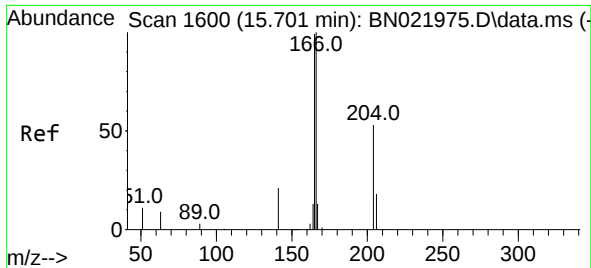
Tgt Ion:172 Resp: 10566
Ion Ratio Lower Upper
172 100
171 34.6 27.2 40.8
170 24.1 18.3 27.5



#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.375 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion:152 Resp: 714
Ion Ratio Lower Upper
152 100
151 22.7 15.5 23.3
153 14.7 10.4 15.6

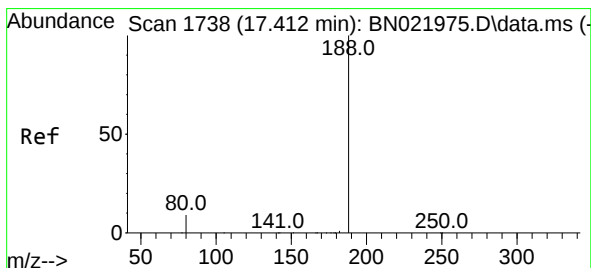
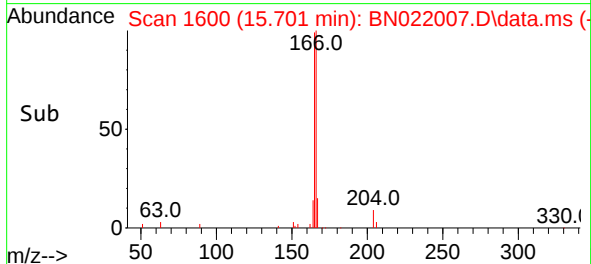
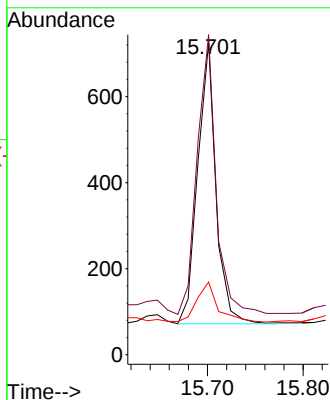
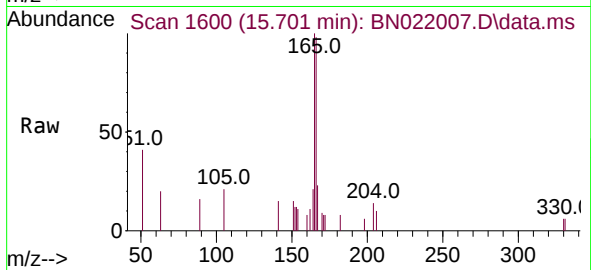




#18
 Fluorene
 Concen: 0.034 ng
 RT: 15.701 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

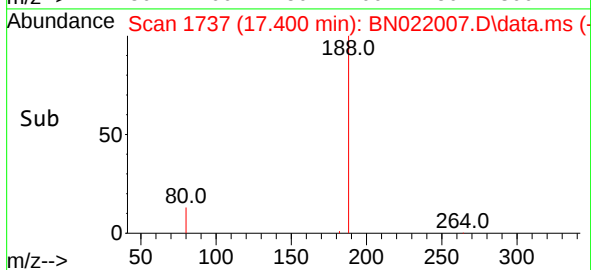
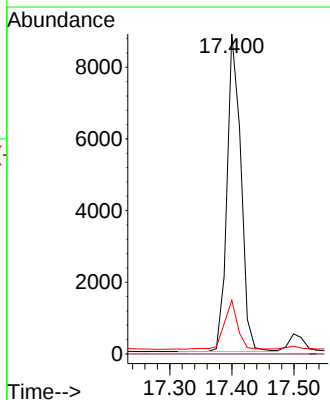
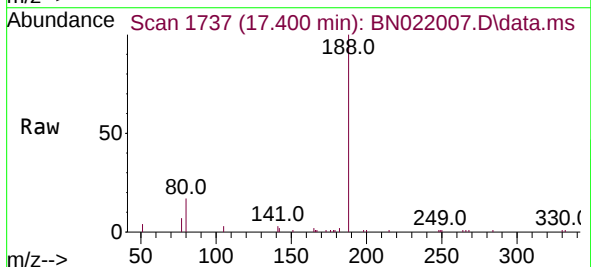
Instrument :
 BNA_N
 ClientSampleId :

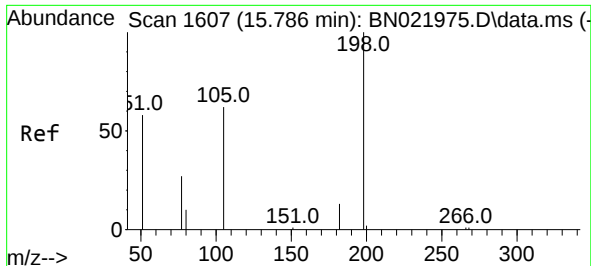
Tgt Ion:166 Resp: 927
 Ion Ratio Lower Upper
 166 100
 165 102.8 80.0 120.0
 167 15.9 10.9 16.3



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.400 min Scan# 1737
 Delta R.T. -0.012 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

Tgt Ion:188 Resp: 13768
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 16.8 7.5 11.3#

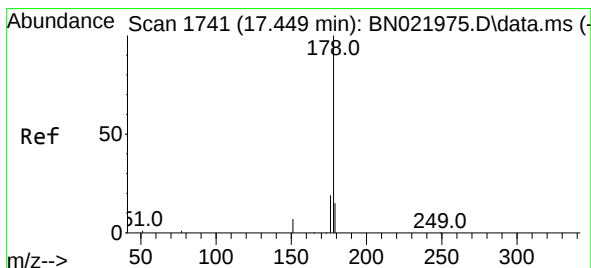
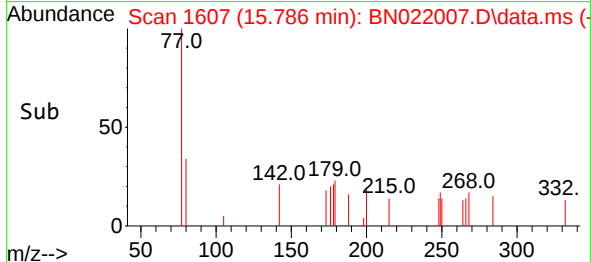
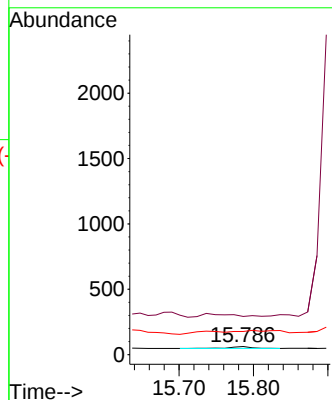
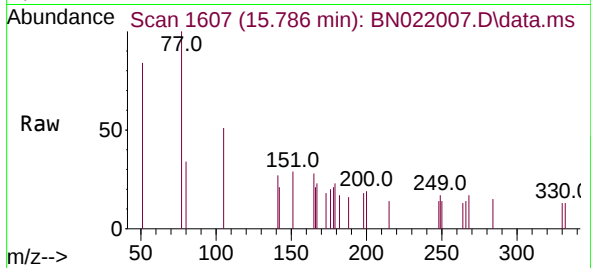




#20
4,6-Dinitro-2-methylphenol
Concen: 0.204 ng
RT: 15.786 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

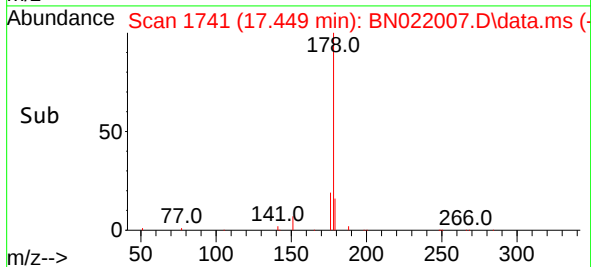
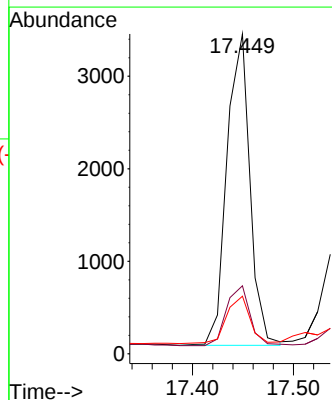
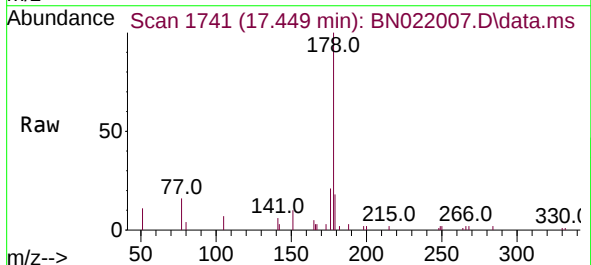
Instrument :
BNA_N
ClientSampleId :

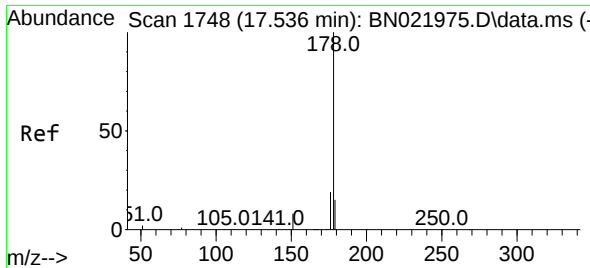
Tgt Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
51 471.0 96.6 144.8#
105 285.5 64.4 96.6#



#25
Phenanthrene
Concen: 0.112 ng
RT: 17.449 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion:178 Resp: 5322
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 15.2 12.2 18.2

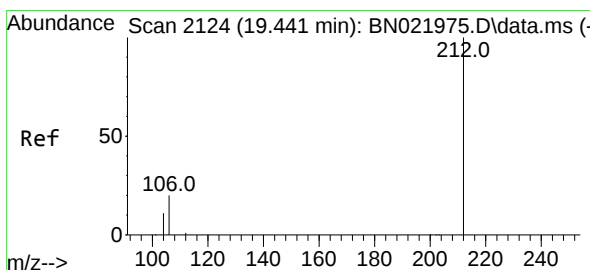
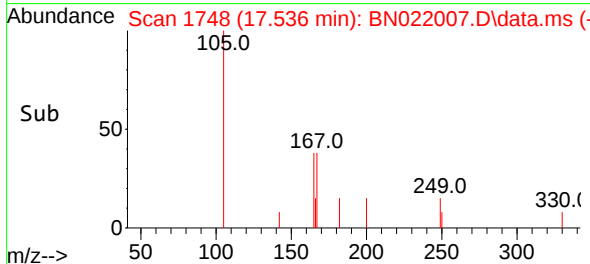
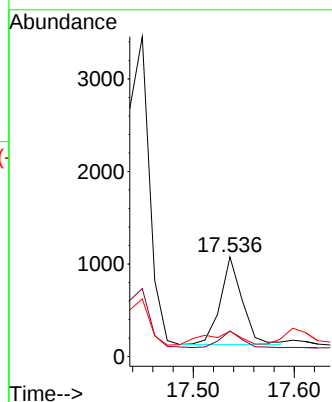
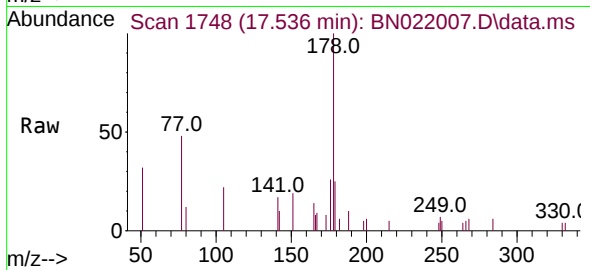




#26
 Anthracene
 Concen: 0.038 ng
 RT: 17.536 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

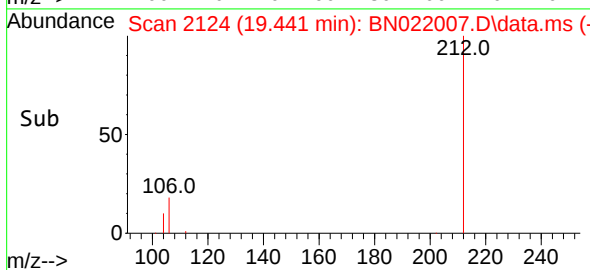
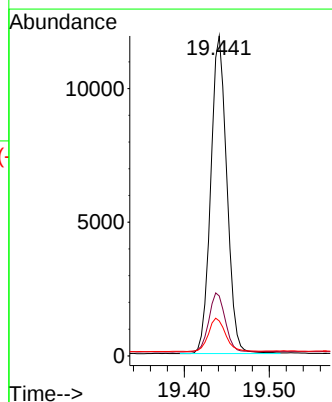
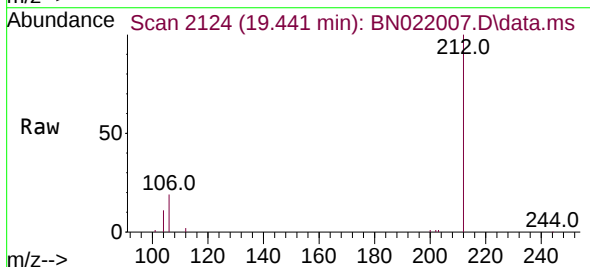
Instrument :
 BNA_N
 ClientSampleId :

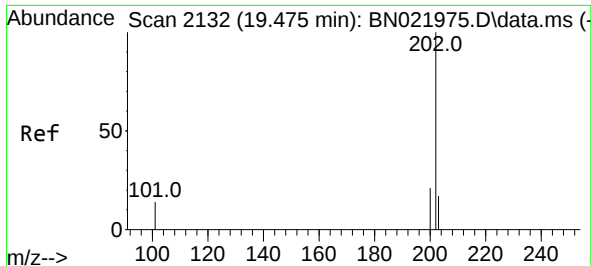
Tgt Ion:178 Resp: 1428
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.8 22.2
 179 25.4 12.2 18.2#



#27
 Fluoranthene-d10
 Concen: 0.428 ng
 RT: 19.441 min Scan# 2124
 Delta R.T. 0.000 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

Tgt Ion:212 Resp: 15671
 Ion Ratio Lower Upper
 212 100
 106 19.1 15.2 22.8
 104 11.1 8.6 13.0

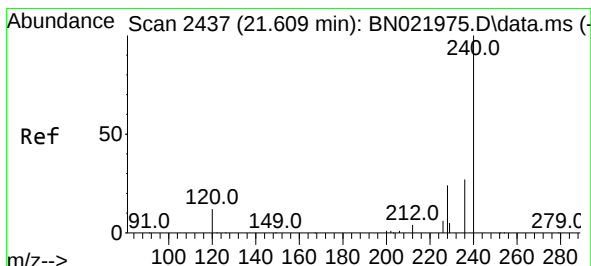
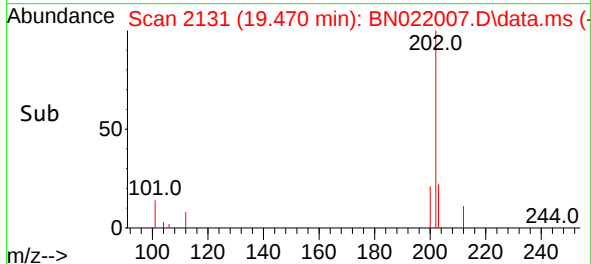
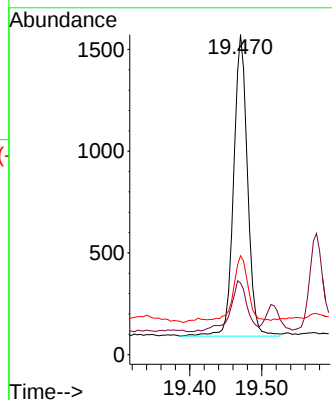
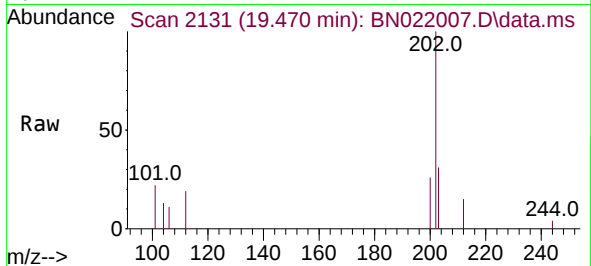




#28
Fluoranthene
Concen: 0.039 ng
RT: 19.470 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

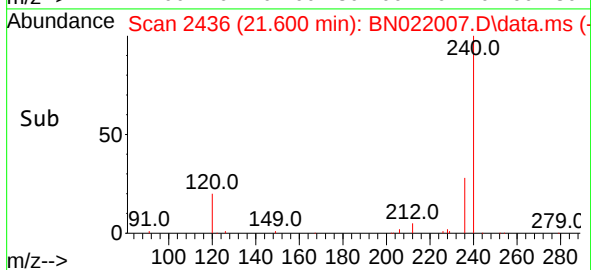
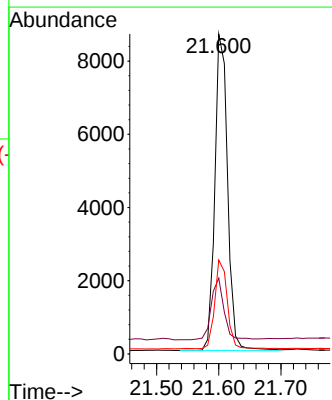
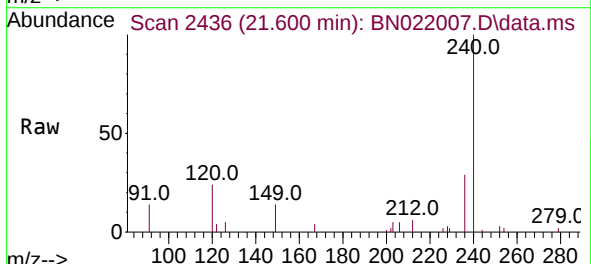
Instrument :
BNA_N
ClientSampleId :

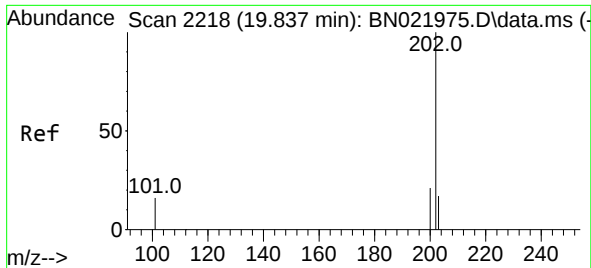
Tgt Ion:202 Resp: 2000
Ion Ratio Lower Upper
202 100
101 20.6 11.4 17.0#
203 21.9 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.600 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion:240 Resp: 12341
Ion Ratio Lower Upper
240 100
120 23.7 11.8 17.6#
236 29.3 22.4 33.6

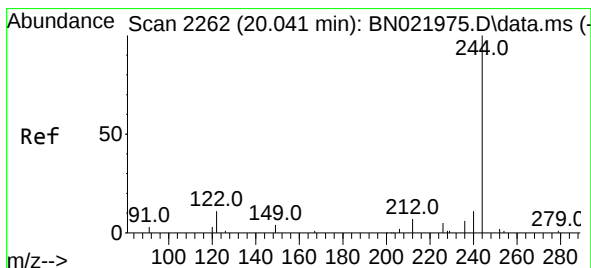
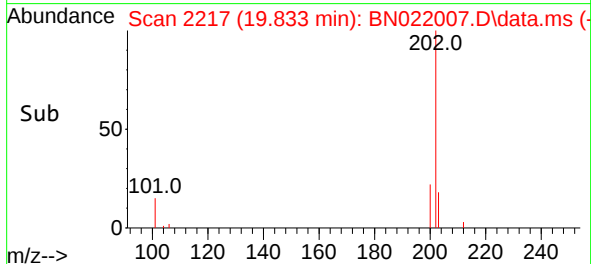
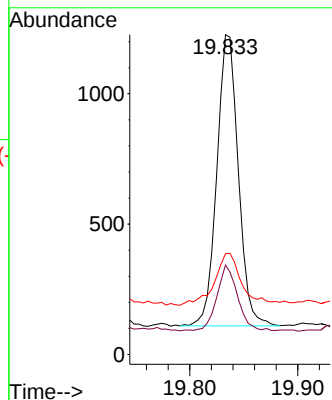
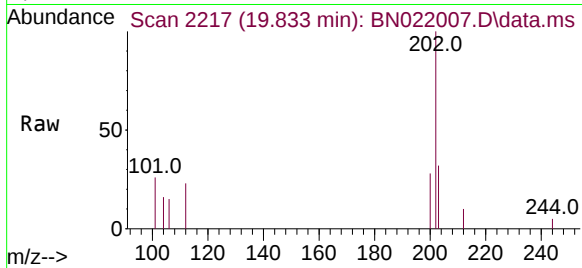




#30
Pyrene
Concen: 0.029 ng
RT: 19.833 min Scan# 2217
Delta R.T. -0.004 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

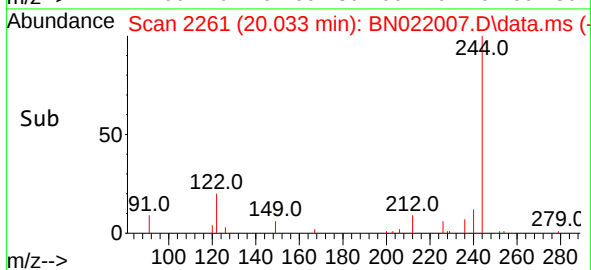
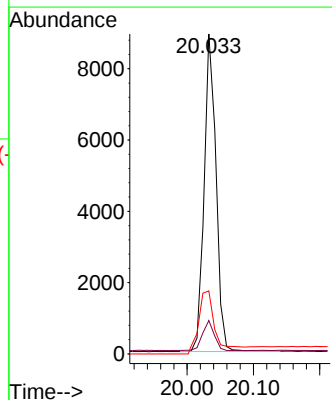
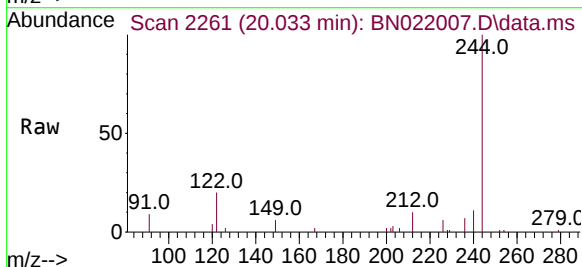
Instrument :
BNA_N
ClientSampleId :

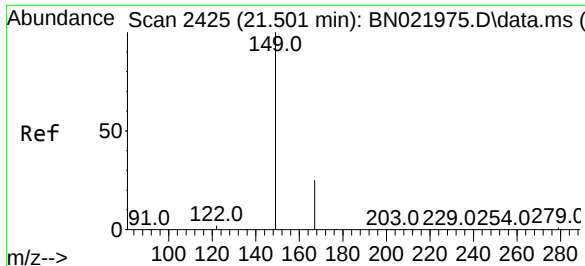
Tgt Ion:202 Resp: 1546
Ion Ratio Lower Upper
202 100
200 21.8 16.6 25.0
203 22.6 14.1 21.1#



#31
Terphenyl-d14
Concen: 0.399 ng
RT: 20.033 min Scan# 2261
Delta R.T. -0.009 min
Lab File: BN022007.D
Acq: 04 Oct 2022 15:00

Tgt Ion:244 Resp: 9894
Ion Ratio Lower Upper
244 100
212 10.4 6.5 9.7#
122 19.7 9.1 13.7#

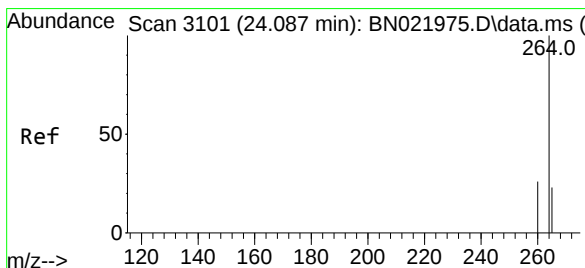
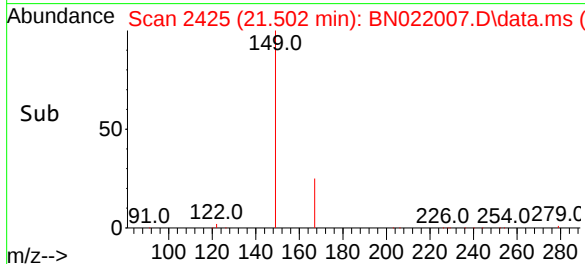
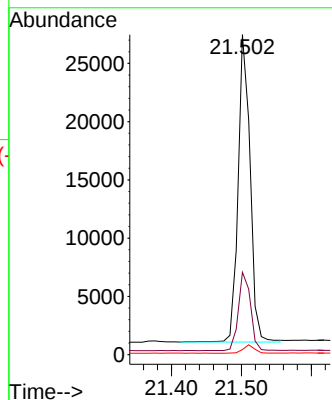
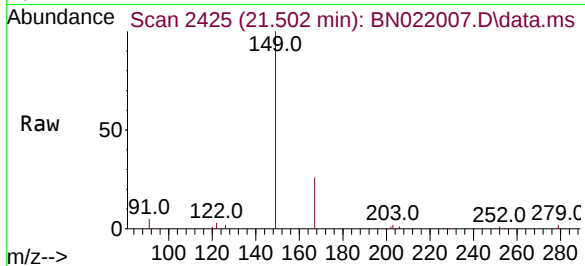




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.405 ng
 RT: 21.502 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 31276
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.2 30.4
 279 2.5 2.3 3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.084 min Scan# 3100
 Delta R.T. -0.003 min
 Lab File: BN022007.D
 Acq: 04 Oct 2022 15:00

Tgt Ion:264 Resp: 10750
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.3 31.9
 265 60.0 63.0 94.4#

