

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
 Data File : BN022006.D
 Acq On : 04 Oct 2022 14:23
 Operator : CG/JU
 Sample : N4971-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 23:04:32 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)

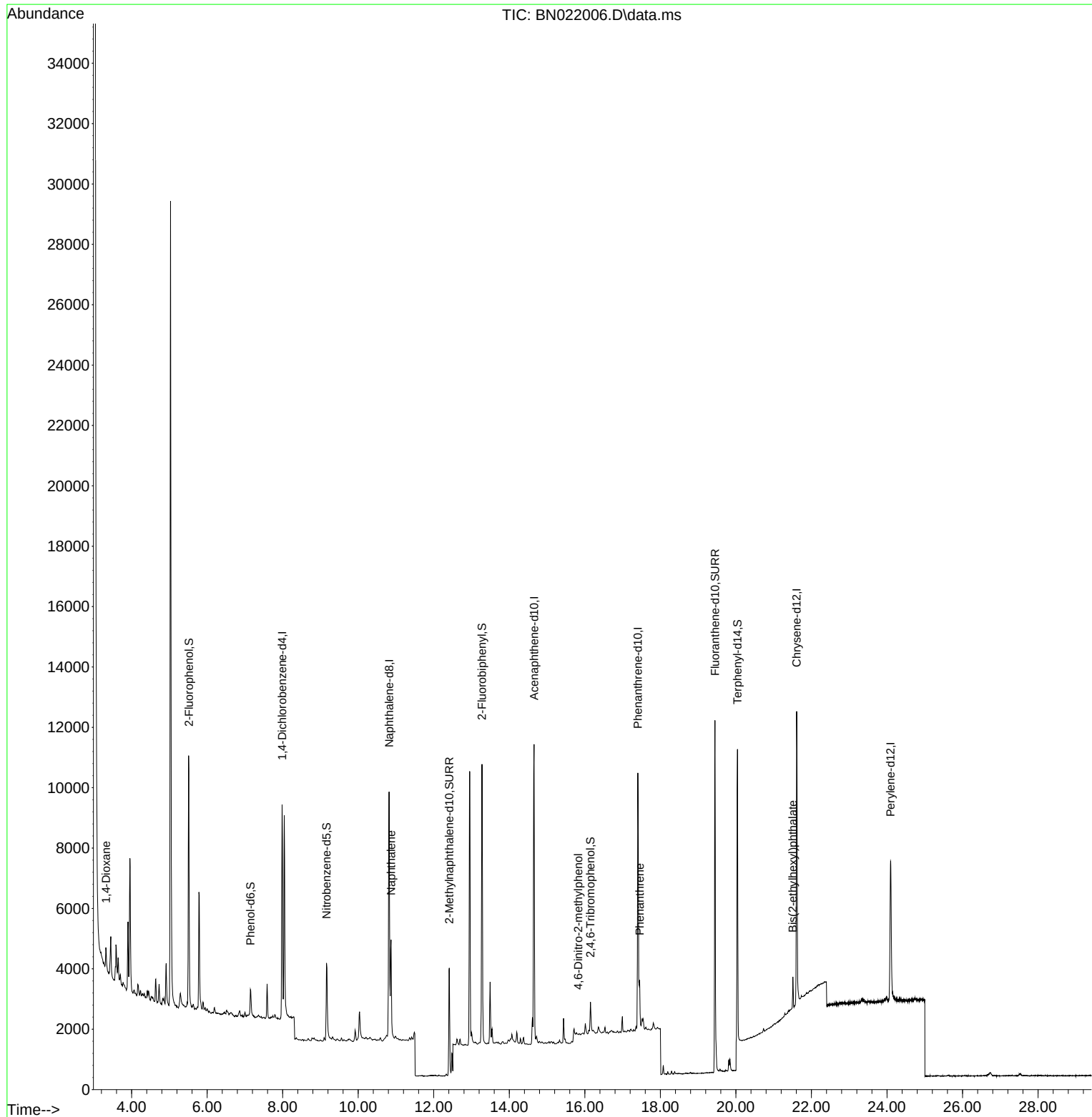
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	3744	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	11401	0.400	ng	0.00
13) Acenaphthene-d10	14.657	164	6112	0.400	ng	0.00
19) Phenanthrene-d10	17.403	188	12522	0.400	ng	# 0.00
29) Chrysene-d12	21.609	240	9740	0.400	ng	# 0.00
35) Perylene-d12	24.096	264	7616	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.515	112	1292	0.149	ng	0.00
5) Phenol-d6	7.148	99	940	0.084	ng	0.00
8) Nitrobenzene-d5	9.161	82	2768	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.410	152	6226	0.297	ng	0.00
14) 2,4,6-Tribromophenol	16.150	330	603	0.259	ng	0.00
15) 2-Fluorobiphenyl	13.278	172	8279	0.310	ng	0.00
27) Fluoranthene-d10	19.445	212	12384	0.372	ng	0.00
31) Terphenyl-d14	20.041	244	8298	0.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	247	0.051	ng	# 1
9) Naphthalene	10.869	128	4531	0.132	ng	96
20) 4,6-Dinitro-2-methylph...	15.827	198	4	0.194	ng	# 1
25) Phenanthrene	17.453	178	1768	0.041	ng	99
34) Bis(2-ethylhexyl)phtha...	21.510	149	1023	0.058	ng	# 99

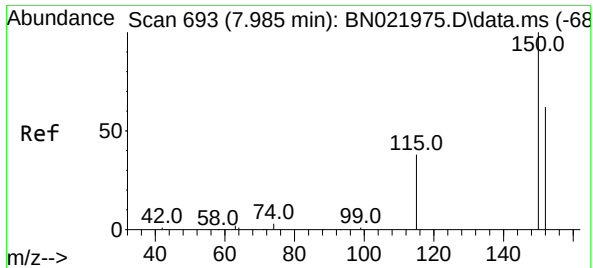
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
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Misc :
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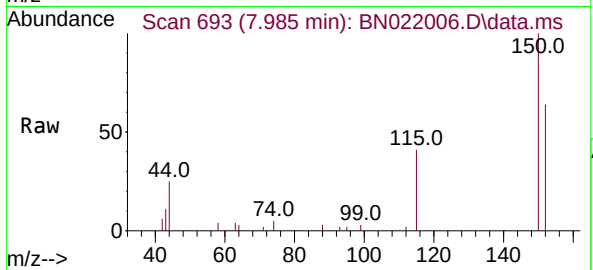
Quant Time: Oct 04 23:04:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
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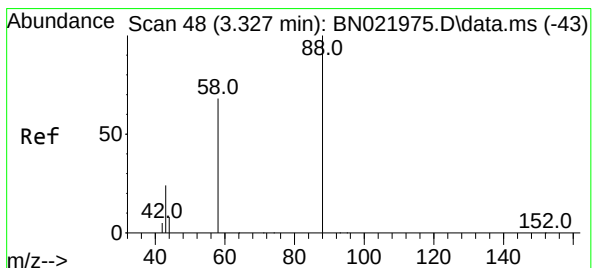
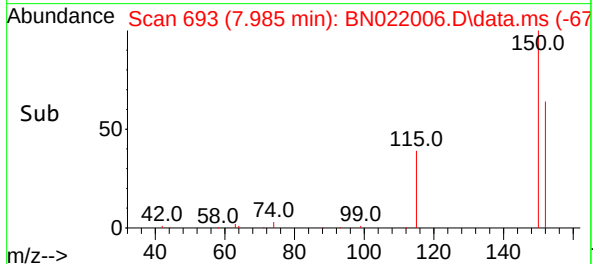
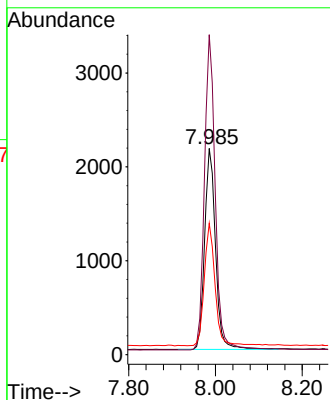


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.985 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: BN022006.D
 Acq: 04 Oct 2022 14:23

Instrument :
 BNA_N
 ClientSampleId :

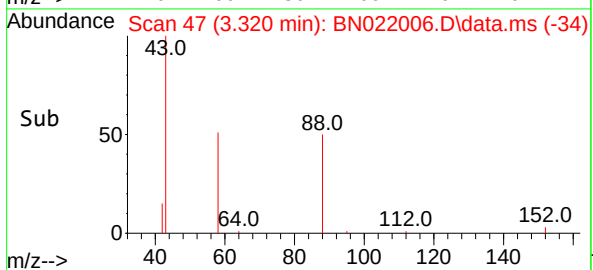
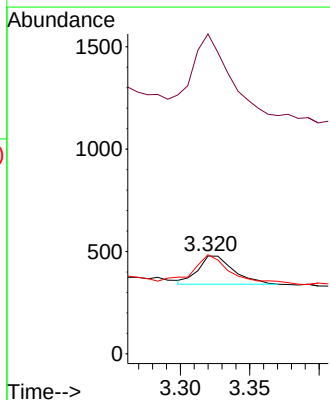
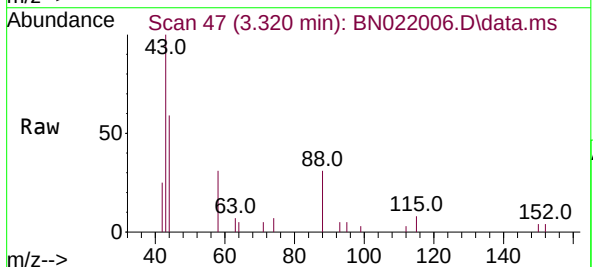


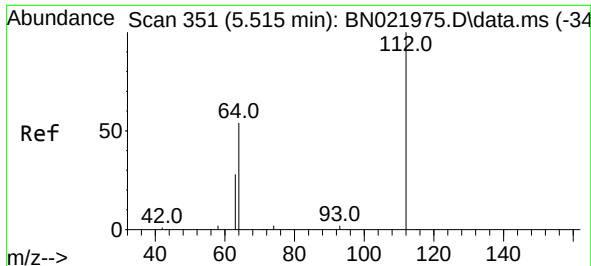
Tgt Ion:152 Resp: 3744
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.2 190.8
 115 63.7 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.051 ng
 RT: 3.320 min Scan# 47
 Delta R.T. -0.007 min
 Lab File: BN022006.D
 Acq: 04 Oct 2022 14:23

Tgt Ion: 88 Resp: 247
 Ion Ratio Lower Upper
 88 100
 43 301.2 22.6 34.0#
 58 81.8 58.6 88.0

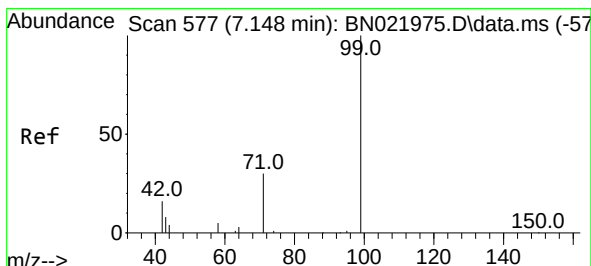
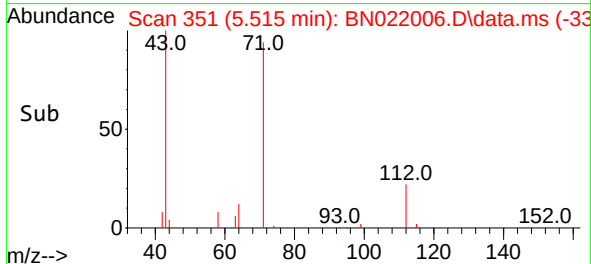
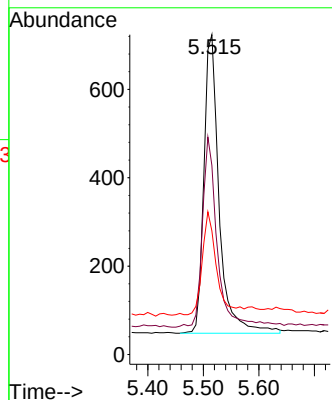
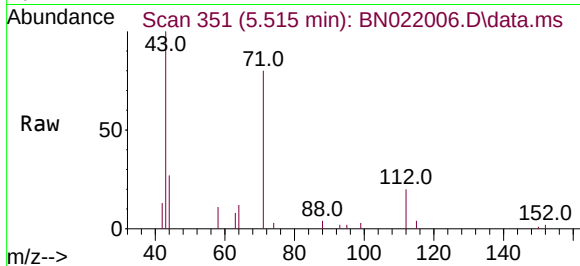




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.515 min Scan# 351
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

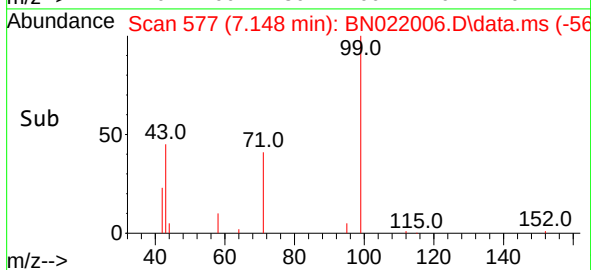
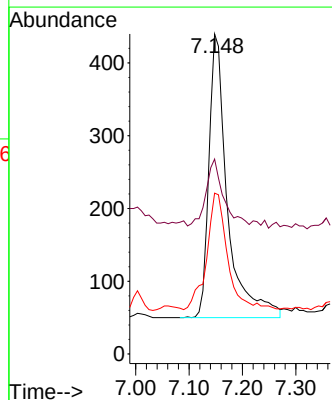
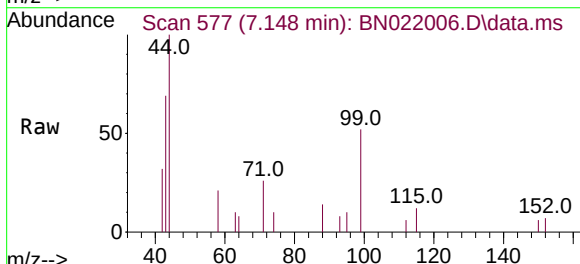
Instrument :
BNA_N
ClientSampleId :

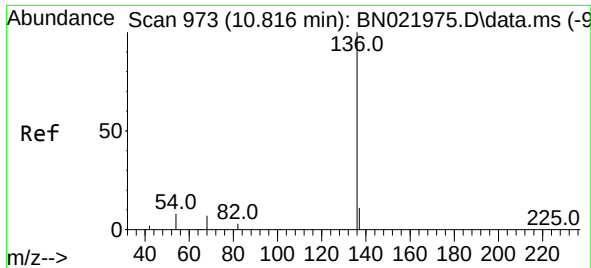
Tgt Ion:112 Resp: 1292
Ion Ratio Lower Upper
112 100
64 61.9 46.9 70.3
63 32.4 24.6 37.0



#5
Phenol-d6
Concen: 0.084 ng
RT: 7.148 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion: 99 Resp: 940
Ion Ratio Lower Upper
99 100
42 21.8 15.9 23.9
71 46.2 25.6 38.4#

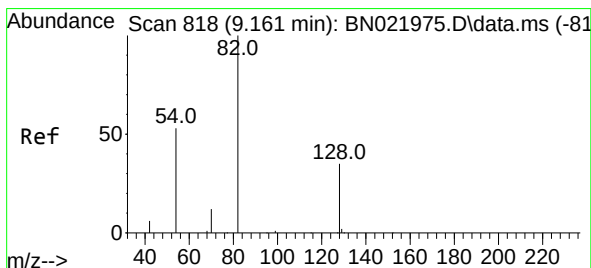
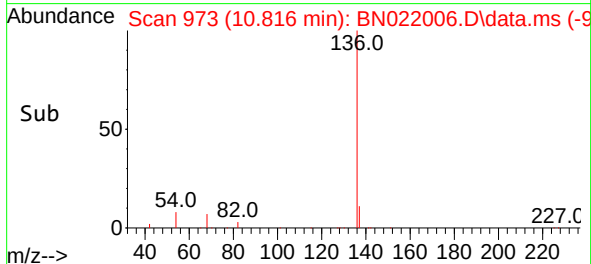
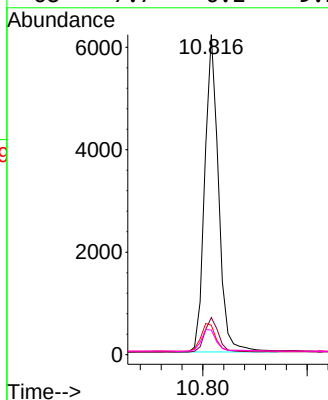
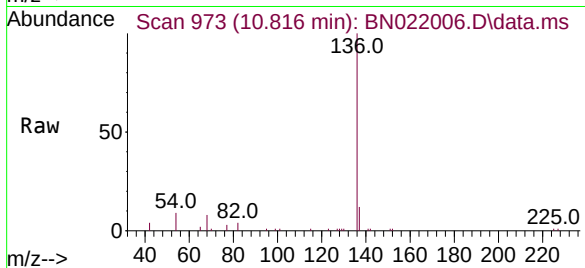




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

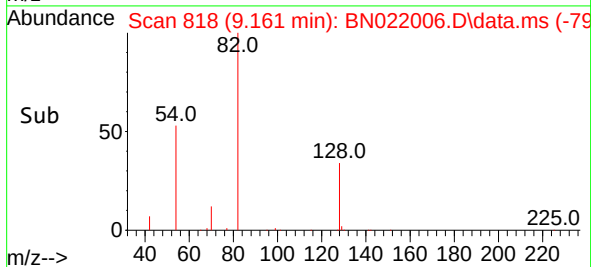
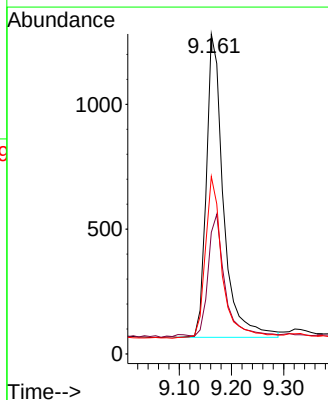
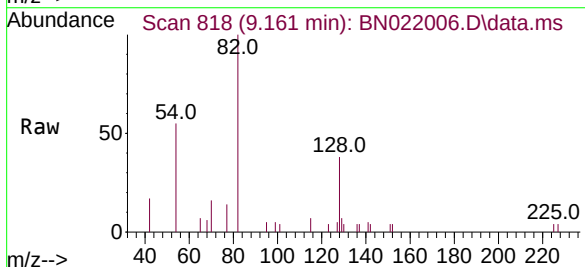
Instrument :
BNA_N
ClientSampleId :

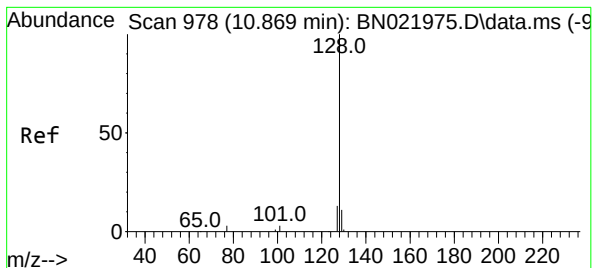
Tgt Ion:	136	Resp:	11401
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	9.2	7.1	10.7
68	7.7	6.2	9.2



#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.161 min Scan# 818
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion:	82	Resp:	2768
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.9	44.9
54	55.5	43.5	65.3





#9

Naphthalene

Concen: 0.132 ng

RT: 10.869 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN022006.D

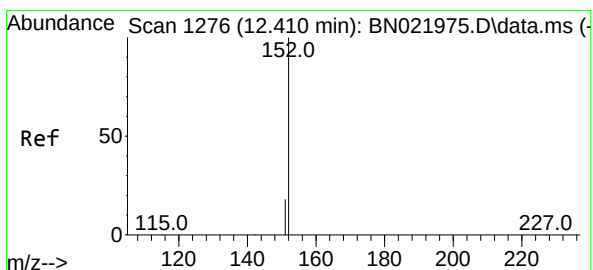
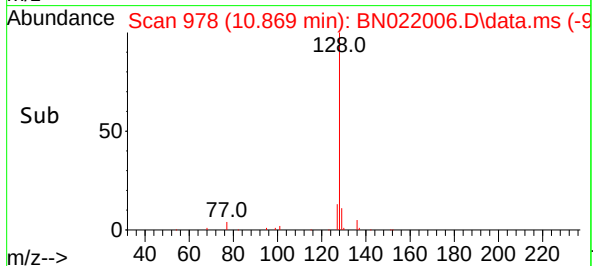
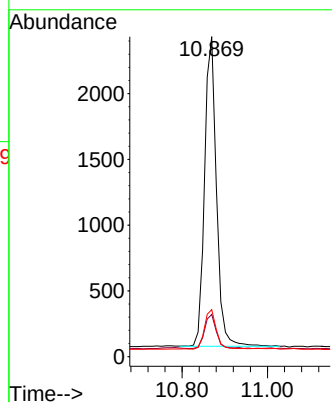
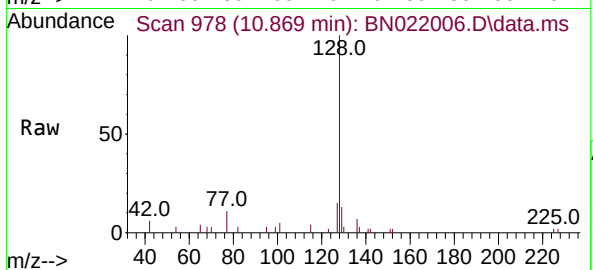
Acq: 04 Oct 2022 14:23

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:128	Resp:	4531
Ion	Ratio	Lower Upper
128	100	
129	13.2	9.3 13.9
127	14.7	10.6 16.0



#11

2-Methylnaphthalene-d10

Concen: 0.297 ng

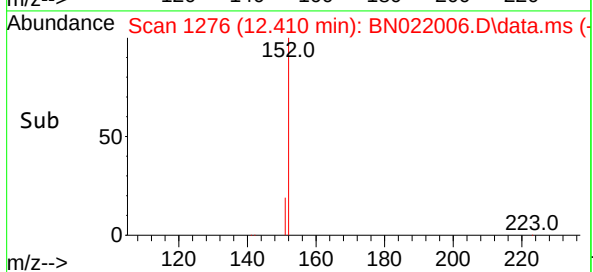
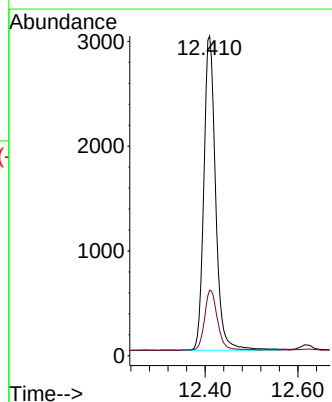
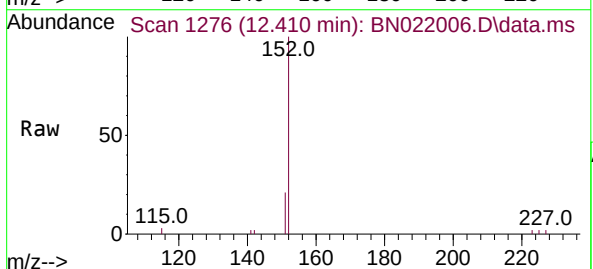
RT: 12.410 min Scan# 1276

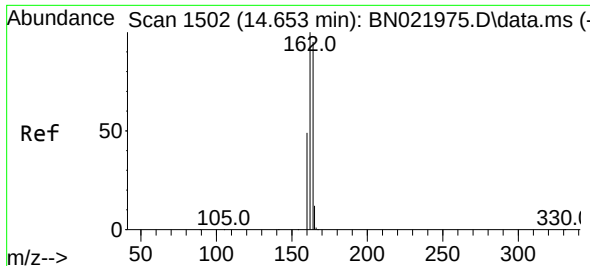
Delta R.T. -0.000 min

Lab File: BN022006.D

Acq: 04 Oct 2022 14:23

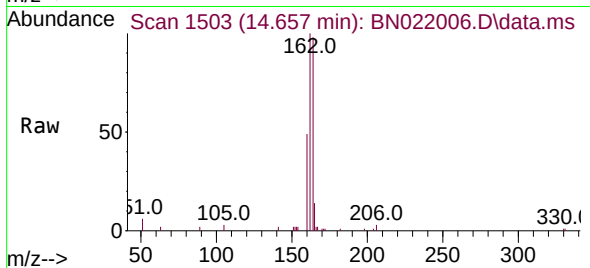
Tgt Ion:152	Resp:	6226
Ion	Ratio	Lower Upper
152	100	
151	18.5	13.8 20.6



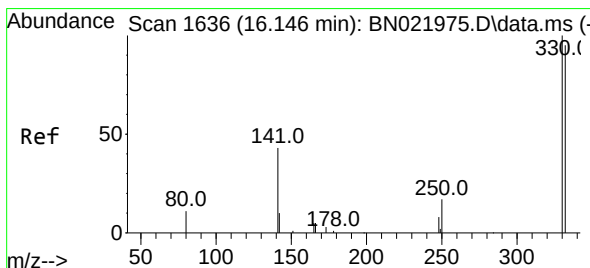
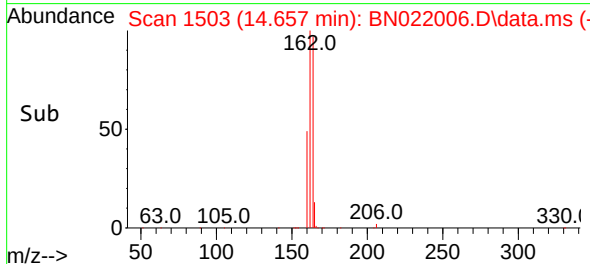
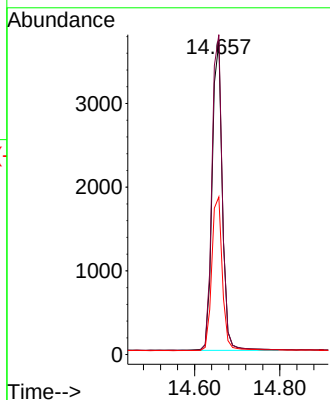


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.657 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :

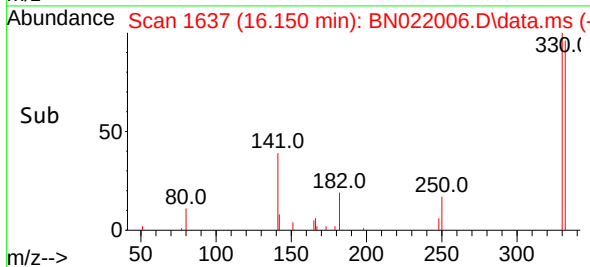
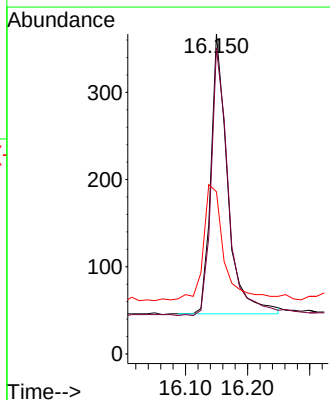
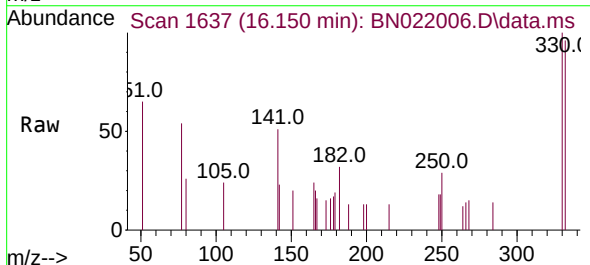


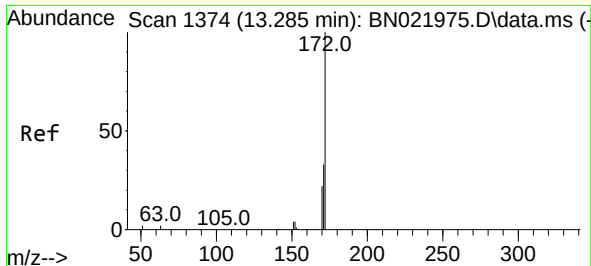
Tgt Ion:164 Resp: 6112
Ion Ratio Lower Upper
164 100
162 102.5 84.3 126.5
160 50.5 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 16.150 min Scan# 1637
Delta R.T. 0.004 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion:330 Resp: 603
Ion Ratio Lower Upper
330 100
332 99.2 77.0 115.4
141 49.1 35.3 52.9

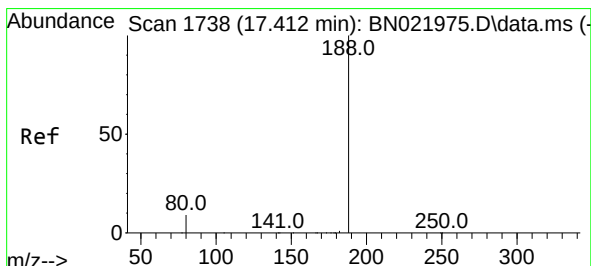
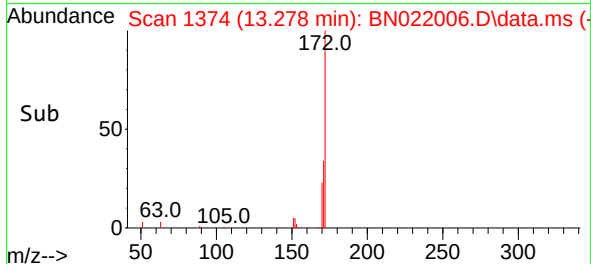
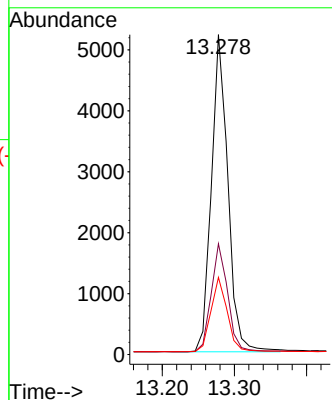
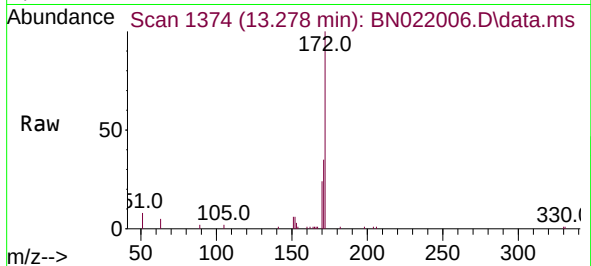




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.278 min Scan# 1374
Delta R.T. -0.007 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

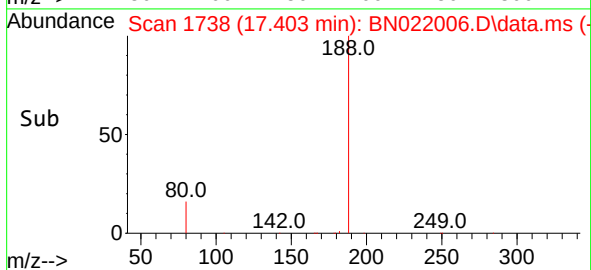
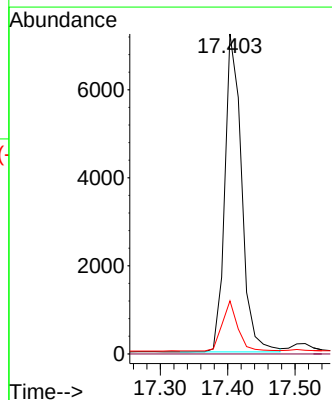
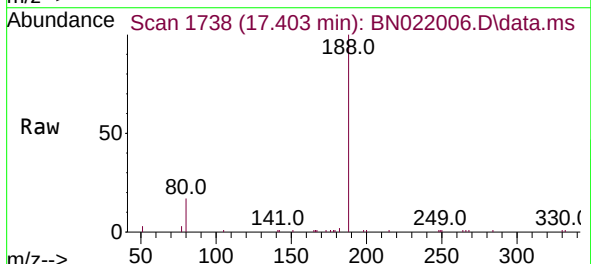
Instrument :
BNA_N
ClientSampleId :

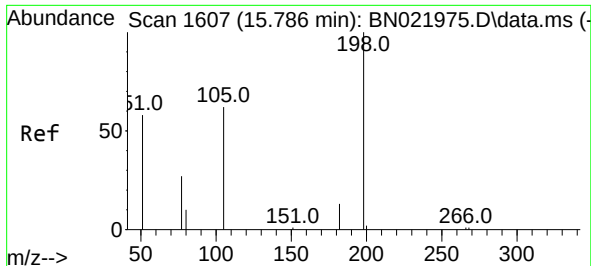
Tgt Ion:172 Resp: 8279
Ion Ratio Lower Upper
172 100
171 34.6 27.2 40.8
170 24.1 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.403 min Scan# 1738
Delta R.T. -0.009 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Tgt Ion:188 Resp: 12522
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.6 7.5 11.3#

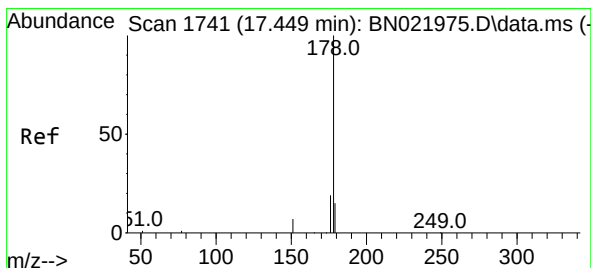
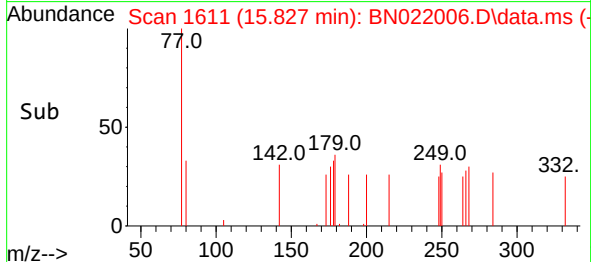
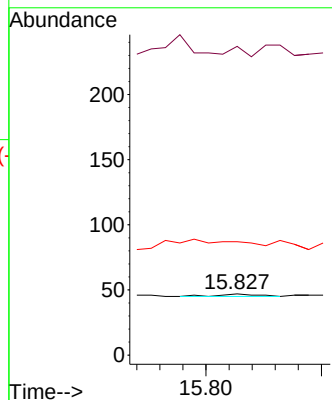
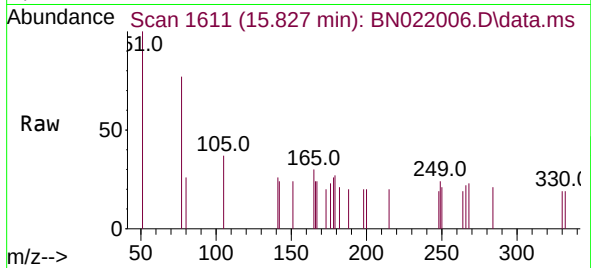




#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.827 min Scan# 1611
Delta R.T. 0.041 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

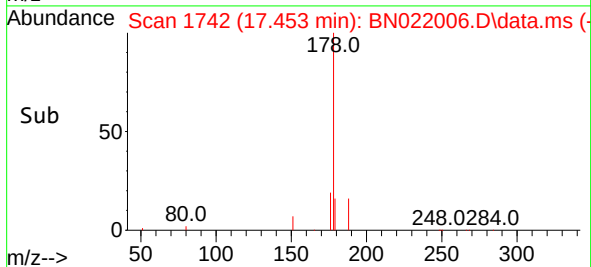
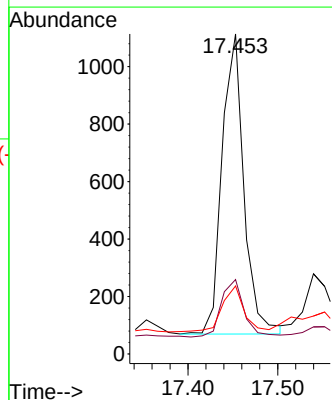
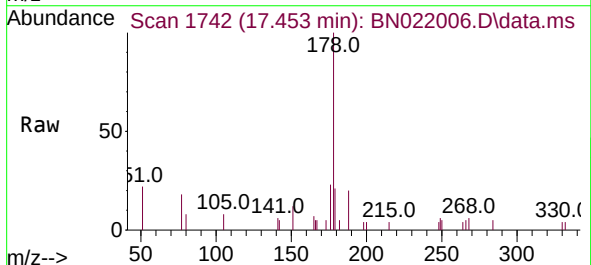
Instrument :
BNA_N
ClientSampleId :

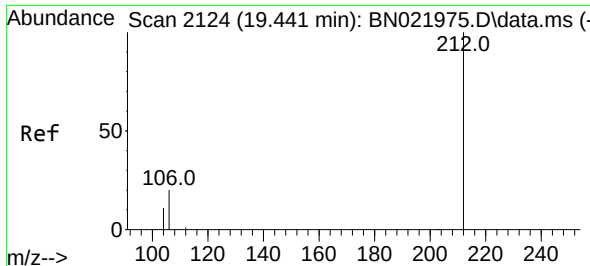
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 504.3 96.6 144.8#
105 185.1 64.4 96.6#



#25
Phenanthrene
Concen: 0.041 ng
RT: 17.453 min Scan# 1742
Delta R.T. 0.004 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

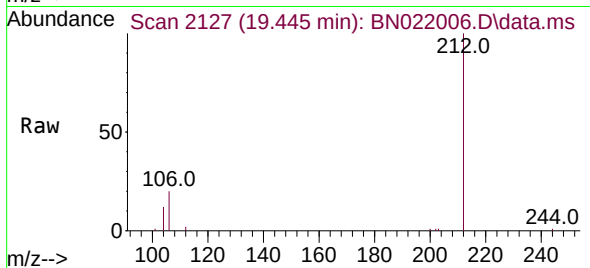
Tgt Ion:178 Resp: 1768
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.0
179 15.6 12.2 18.2



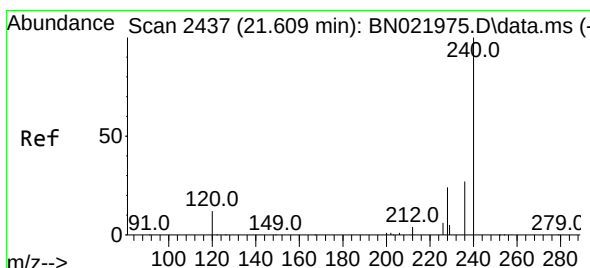
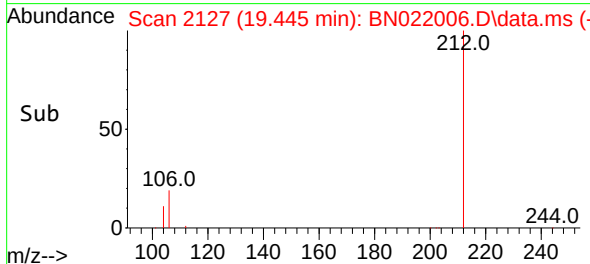
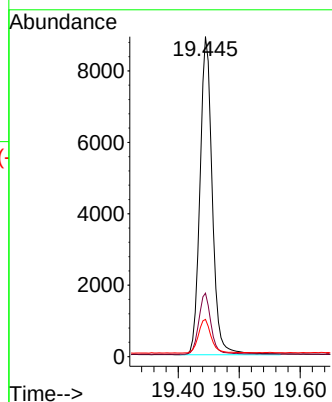


#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.445 min Scan# 2124
Delta R.T. 0.004 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

Instrument :
BNA_N
ClientSampleId :

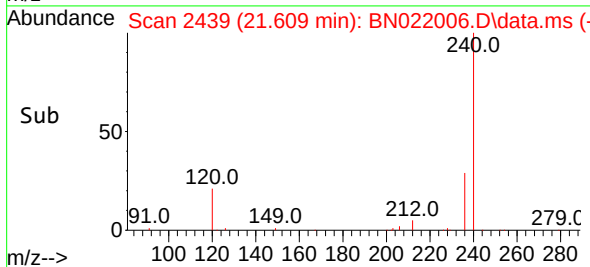
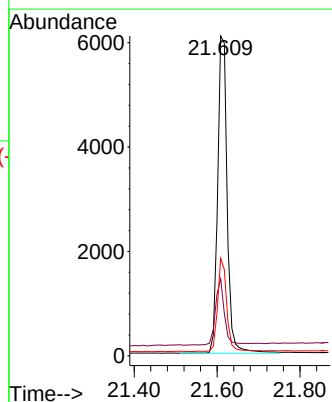
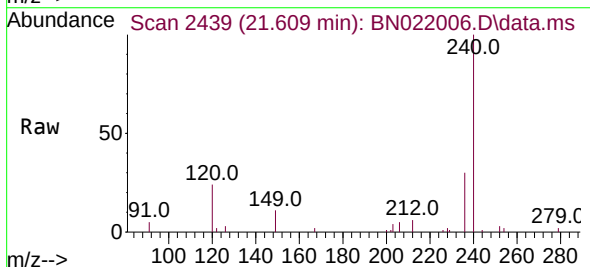


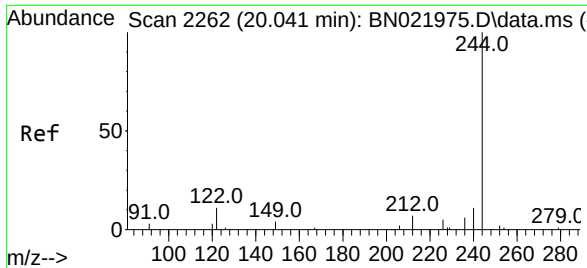
Tgt Ion:212 Resp: 12384
Ion Ratio Lower Upper
212 100
106 19.0 15.2 22.8
104 11.1 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.609 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN022006.D
Acq: 04 Oct 2022 14:23

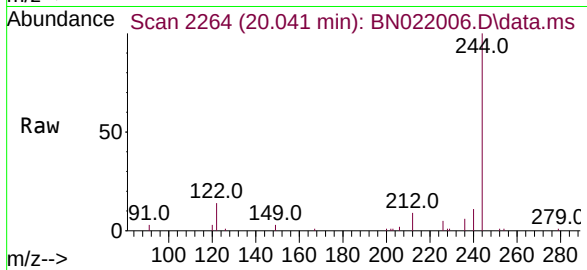
Tgt Ion:240 Resp: 9740
Ion Ratio Lower Upper
240 100
120 24.1 11.8 17.6#
236 30.5 22.4 33.6



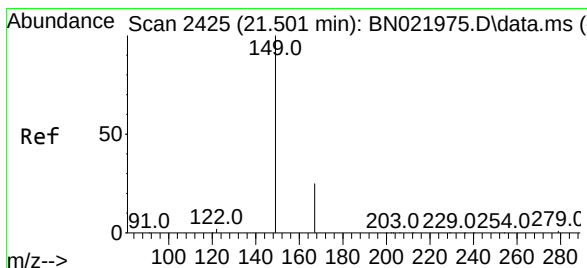
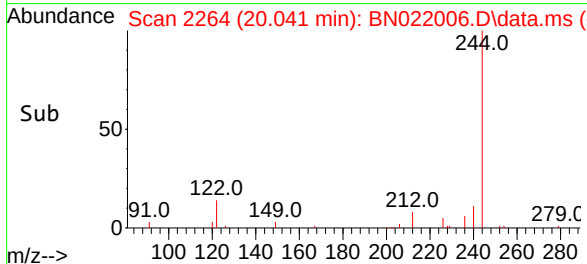
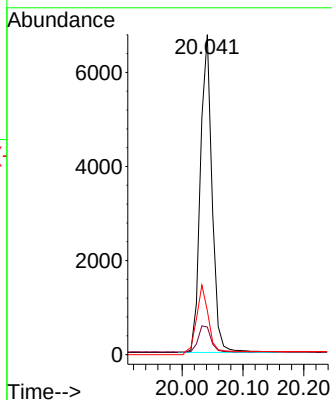


#31
 Terphenyl-d14
 Concen: 0.424 ng
 RT: 20.041 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022006.D
 Acq: 04 Oct 2022 14:23

Instrument :
 BNA_N
 ClientSampleId :

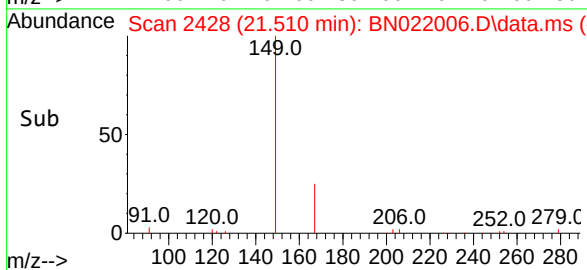
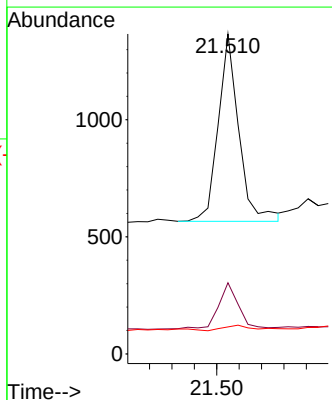
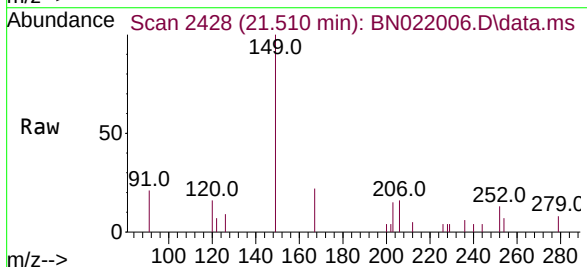


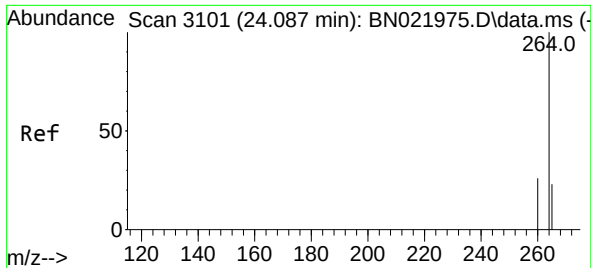
Tgt Ion:244 Resp: 8298
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 13.7 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.510 min Scan# 2428
 Delta R.T. 0.009 min
 Lab File: BN022006.D
 Acq: 04 Oct 2022 14:23

Tgt Ion:149 Resp: 1023
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.2 30.4
 279 3.6 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.096 min Scan# 31

Delta R.T. 0.009 min

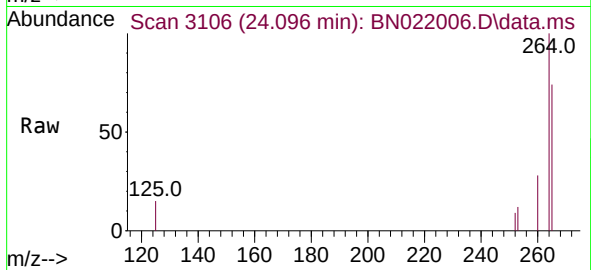
Lab File: BN022006.D

Acq: 04 Oct 2022 14:23

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:264 Resp: 7616

Ion Ratio Lower Upper

264 100

260 27.8 21.3 31.9

265 74.3 63.0 94.4

