

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012522\
 Data File : BN018471.D
 Acq On : 25 Jan 2022 22:11
 Operator : CG/JU
 Sample : N1245-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-3(3-3.5)

Quant Time: Jan 26 04:08:35 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

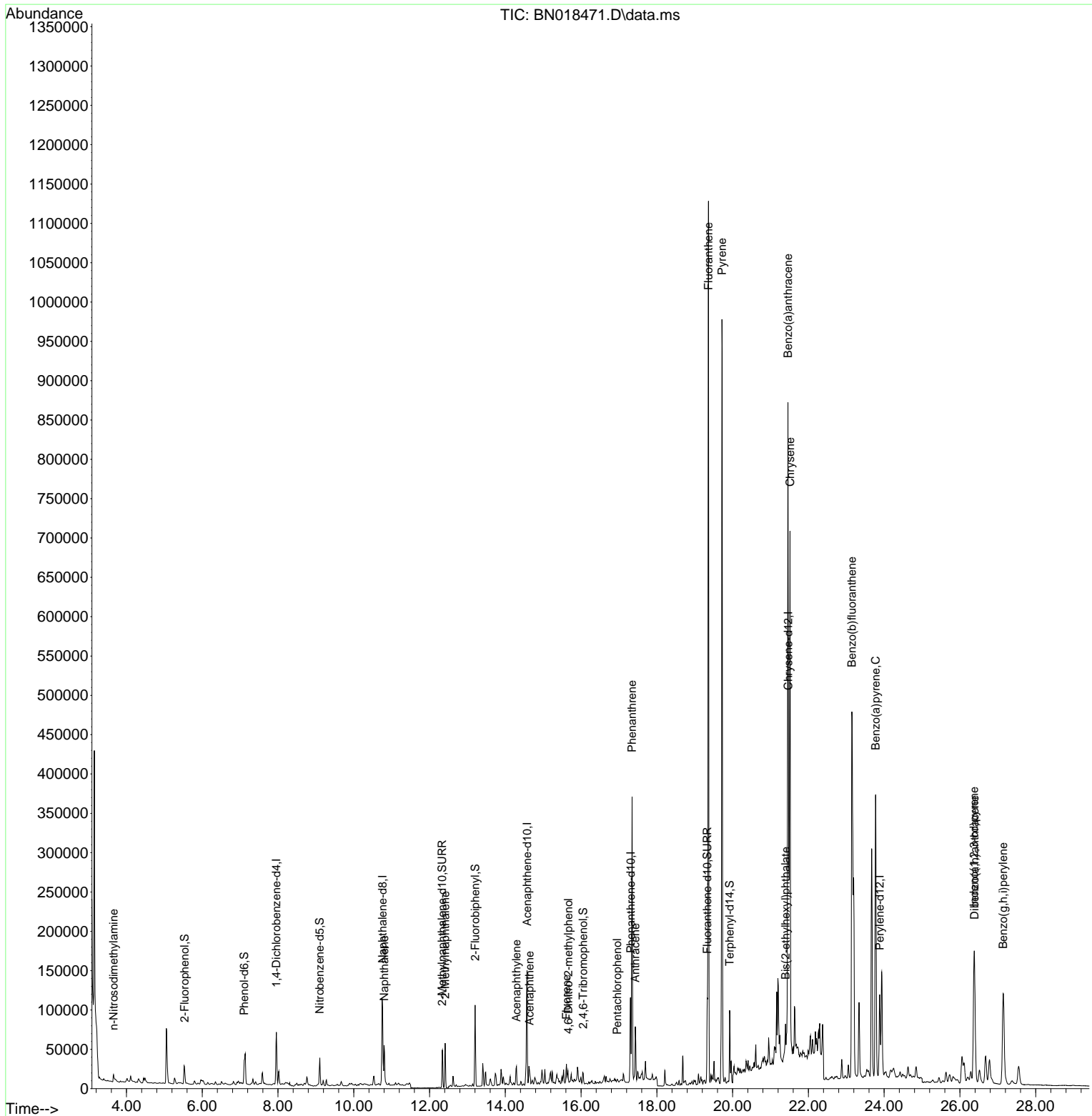
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.956	152	33883	0.400	ng	0.00	
7) Naphthalene-d8	10.761	136	154247	0.400	ng	# 0.00	
13) Acenaphthene-d10	14.573	164	86714	0.400	ng	0.00	
19) Phenanthrene-d10	17.309	188	168609	0.400	ng	# 0.00	
29) Chrysene-d12	21.471	240	146488	0.400	ng	#-0.02	
35) Perylene-d12	23.881	264	142514	0.400	ng	-0.02	
System Monitoring Compounds							
4) 2-Fluorophenol	5.531	112	23876	0.284	ng	0.02	
5) Phenol-d6	7.107	99	26970	0.295	ng	0.00	
8) Nitrobenzene-d5	9.101	82	28134	0.316	ng	-0.01	
11) 2-Methylnaphthalene-d10	12.336	152	63401	0.245	ng	-0.01	
14) 2,4,6-Tribromophenol	16.056	330	9215	0.353	ng	0.00	
15) 2-Fluorobiphenyl	13.203	172	85285	0.274	ng	-0.01	
27) Fluoranthene-d10	19.331	212	117485	0.231	ng	-0.01	
31) Terphenyl-d14	19.921	244	87089	0.191	ng	-0.02	
Target Compounds							
3) n-Nitrosodimethylamine	3.659	42	3343	0.120	ng	#	1
9) Naphthalene	10.799	128	65051	0.173	ng		99
12) 2-Methylnaphthalene	12.412	142	39124	0.150	ng		99
16) Acenaphthylene	14.294	152	24522	0.076	ng	#	94
17) Acenaphthene	14.636	154	9932	0.043	ng	#	81
18) Fluorene	15.613	166	13660	0.050	ng	#	79
20) 4,6-Dinitro-2-methylph...	15.664	198	171	0.098	ng	#	1
24) Pentachlorophenol	16.956	266	278	0.194	ng		96
25) Phenanthrene	17.346	178	355380	0.794	ng		99
26) Anthracene	17.431	178	74268	0.196	ng		96
28) Fluoranthene	19.361	202	969786	1.983	ng	#	97
30) Pyrene	19.718	202	889483	1.423	ng	#	95
32) Benzo(a)anthracene	21.461	228	697801	1.504	ng		97
33) Chrysene	21.514	228	611384	1.332	ng		97
34) Bis(2-ethylhexyl)phtha...	21.397	149	33929	0.093	ng		98
36) Indeno(1,2,3-cd)pyrene	26.377	276	295143	1.165	ng		97
37) Benzo(b)fluoranthene	23.149	252	862504	1.680	ng	#	96
39) Benzo(a)pyrene	23.775	252	552364	1.470	ng	#	96
40) Dibenzo(a,h)anthracene	26.387	278	80246	0.495	ng	#	84
41) Benzo(g,h,i)perylene	27.143	276	269847	1.047	ng	#	93

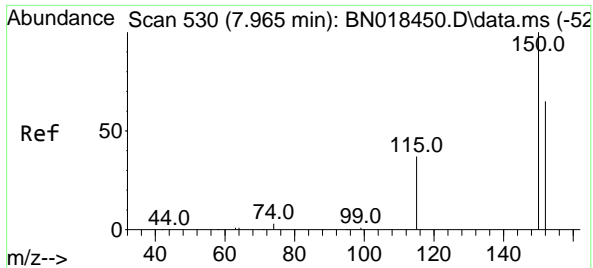
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012522\
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 SB-3(3-3.5)

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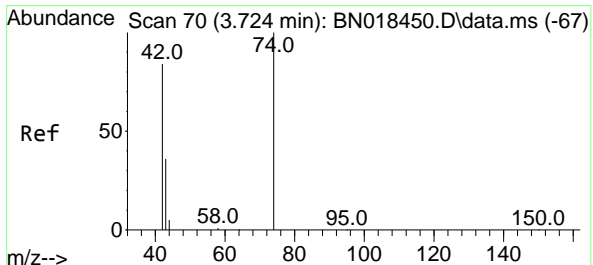
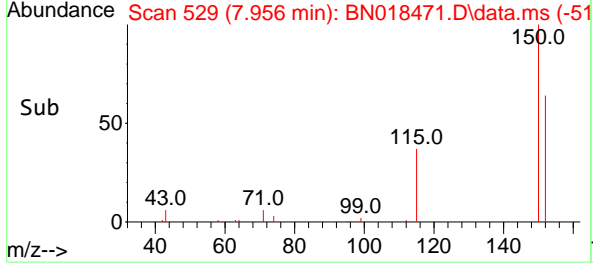
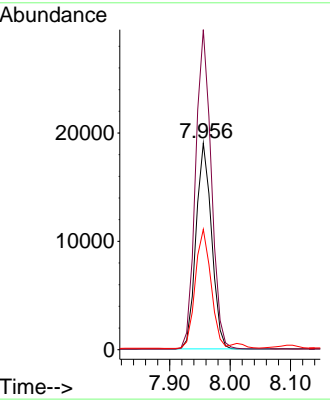
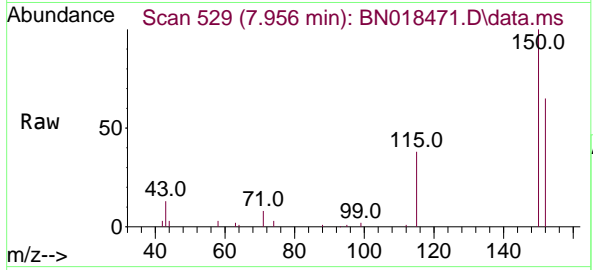




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.956 min Scan# 51
 Delta R.T. -0.009 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

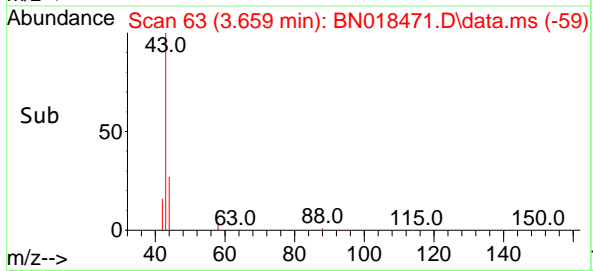
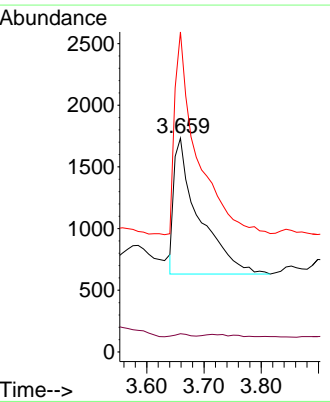
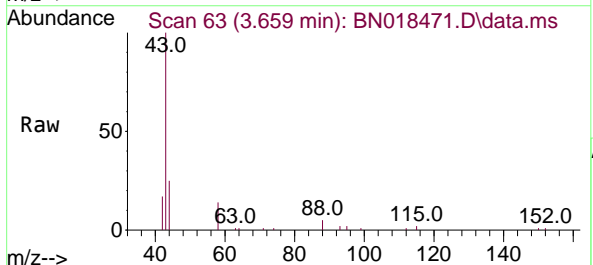
Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

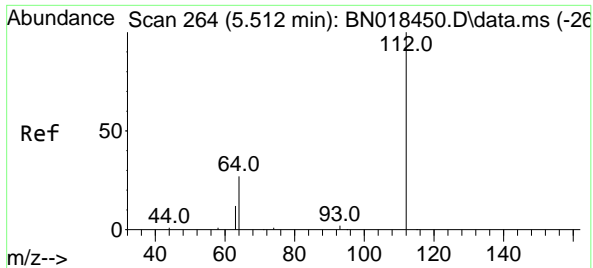
Tgt Ion:152 Resp: 33883
 Ion Ratio Lower Upper
 152 100
 150 154.9 121.7 182.5
 115 58.2 43.8 65.8



#3
 n-Nitrosodimethylamine
 Concen: 0.120 ng
 RT: 3.659 min Scan# 63
 Delta R.T. -0.065 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion: 42 Resp: 3343
 Ion Ratio Lower Upper
 42 100
 74 0.8 108.6 163.0#
 44 130.0 5.8 8.8#

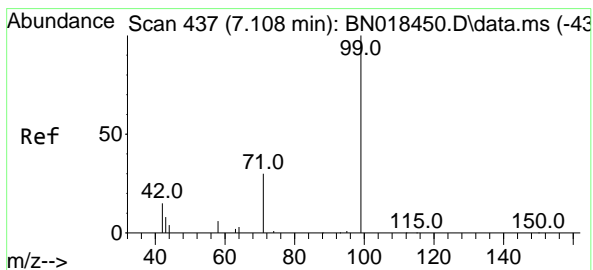
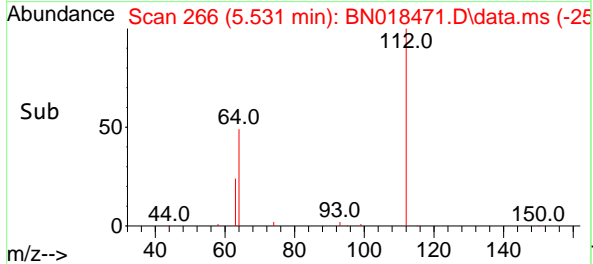
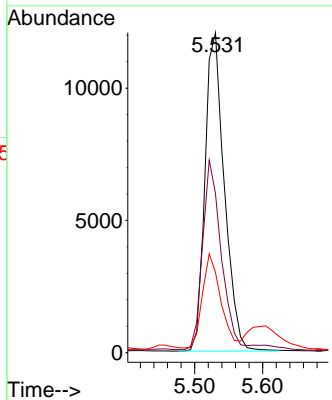
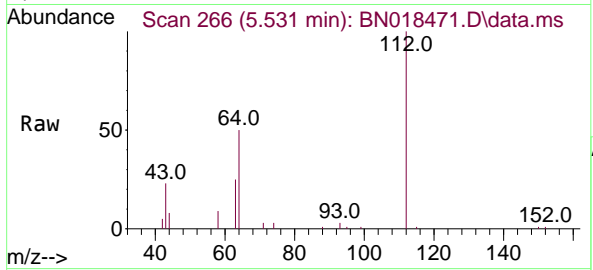




#4
 2-Fluorophenol
 Concen: 0.284 ng
 RT: 5.531 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

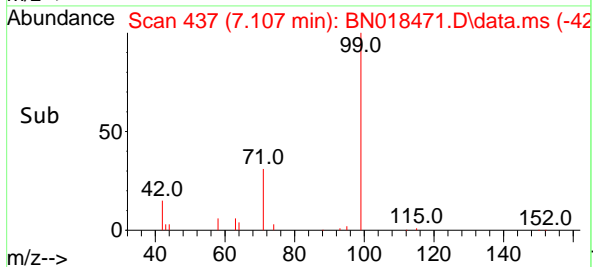
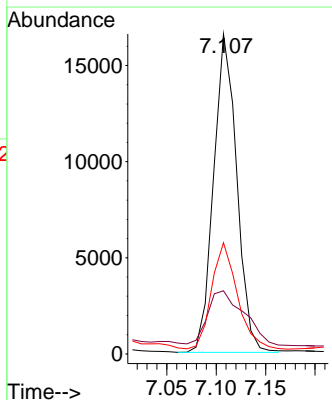
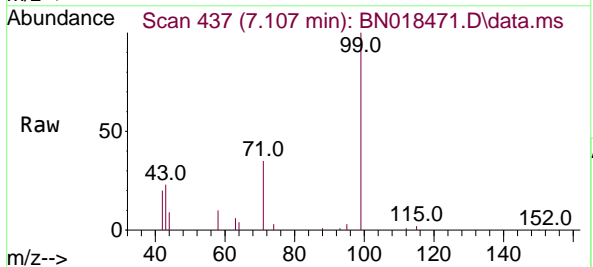
Instrument :
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 SB-3(3-3.5)

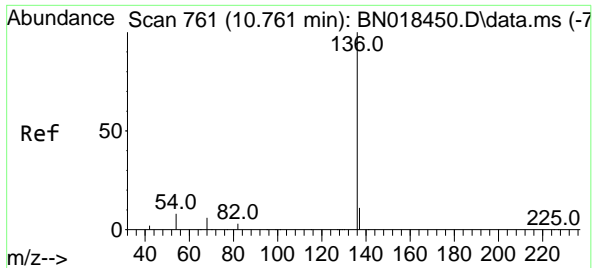
Tgt Ion	Resp	Lower	Upper
112	100		
64	56.7	48.0	72.0
63	28.2	25.3	37.9



#5
 Phenol-d6
 Concen: 0.295 ng
 RT: 7.107 min Scan# 437
 Delta R.T. -0.000 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion	Resp	Lower	Upper
99	100		
42	26.6	16.3	24.5#
71	36.8	26.8	40.2

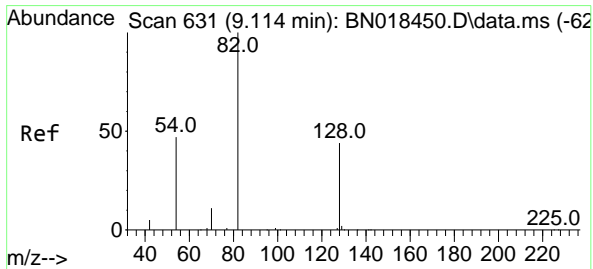
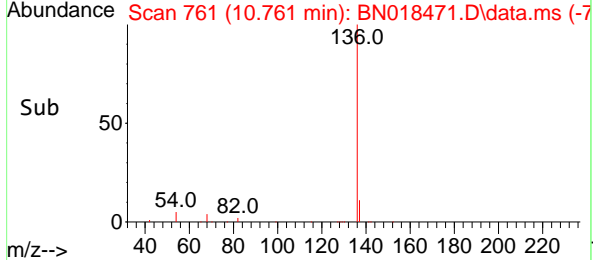
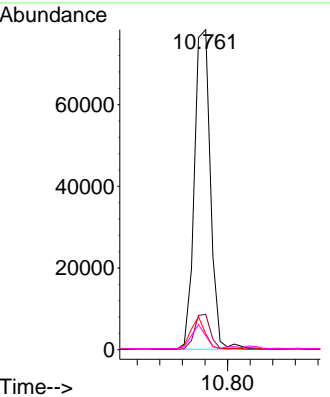
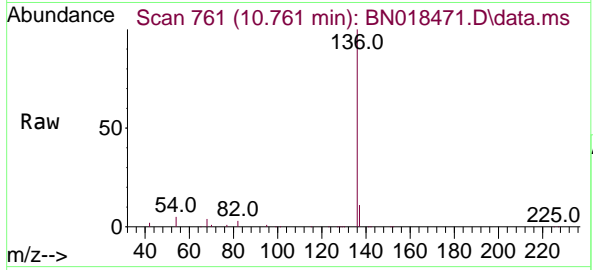




#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.761 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

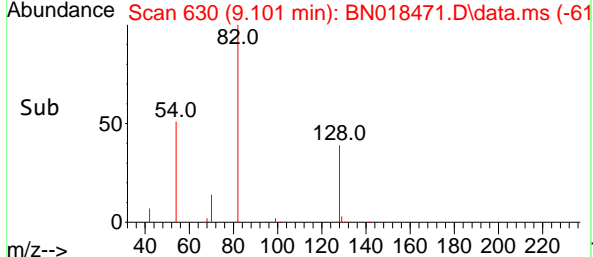
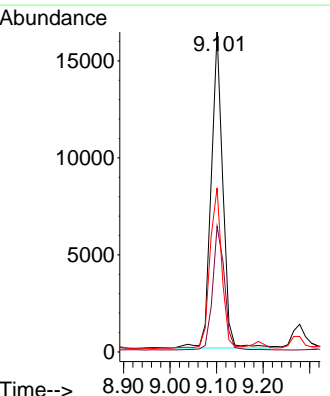
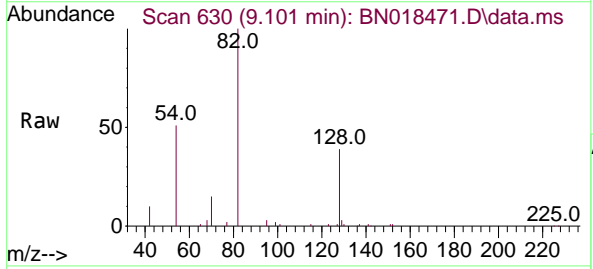
Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

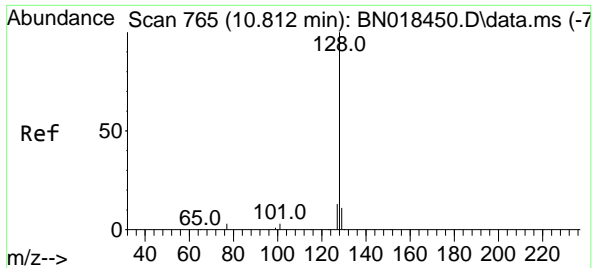
Tgt Ion	Resp	Lower	Upper
136	154247		
136	100		
137	11.1	8.8	13.2
54	5.0	5.0	7.6#
68	4.3	4.4	6.6#



#8
 Nitrobenzene-d5
 Concen: 0.316 ng
 RT: 9.101 min Scan# 630
 Delta R.T. -0.013 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion	Resp	Lower	Upper
82	28134		
82	100		
128	39.2	33.7	50.5
54	51.3	36.6	55.0



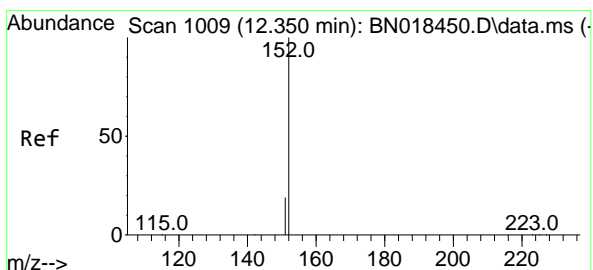
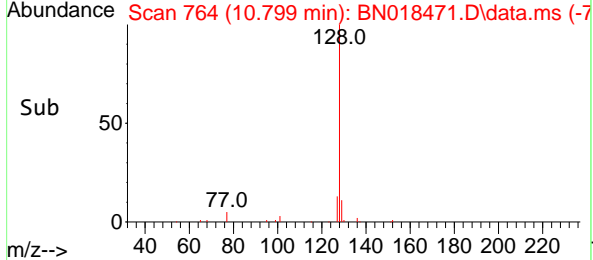
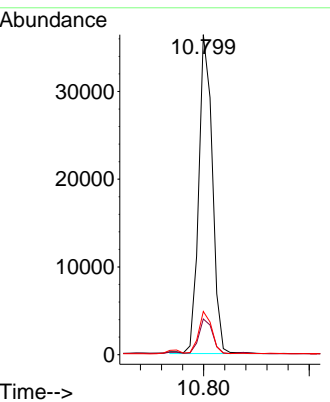
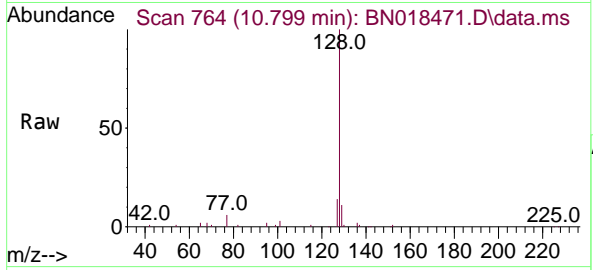


#9
 Naphthalene
 Concen: 0.173 ng
 RT: 10.799 min Scan# 70
 Delta R.T. -0.013 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

Tgt Ion:128 Resp: 65051

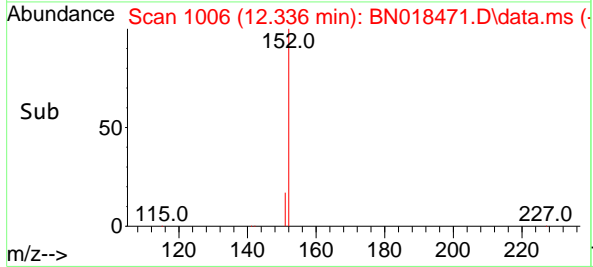
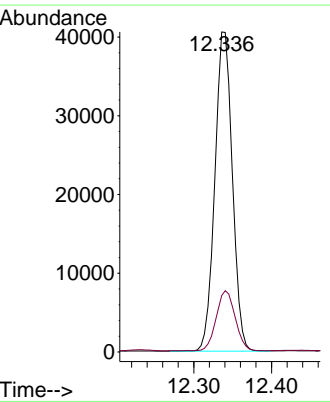
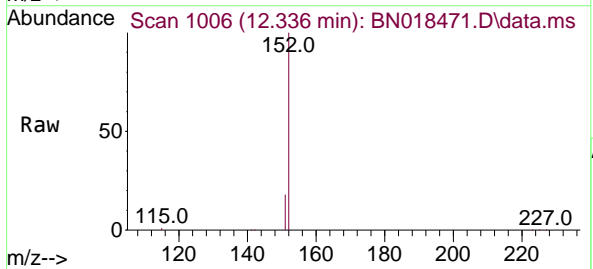
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.5	10.4	15.6

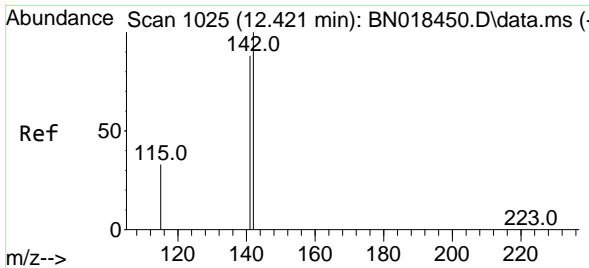


#11
 2-Methylnaphthalene-d10
 Concen: 0.245 ng
 RT: 12.336 min Scan# 1006
 Delta R.T. -0.014 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion:152 Resp: 63401

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2

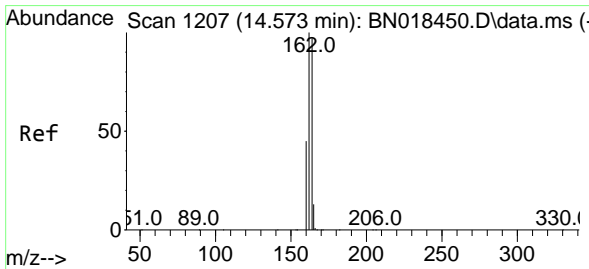
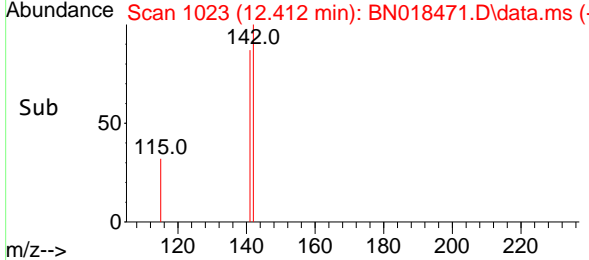
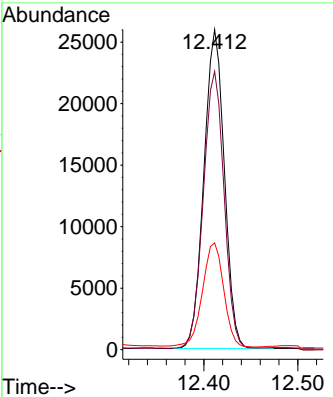
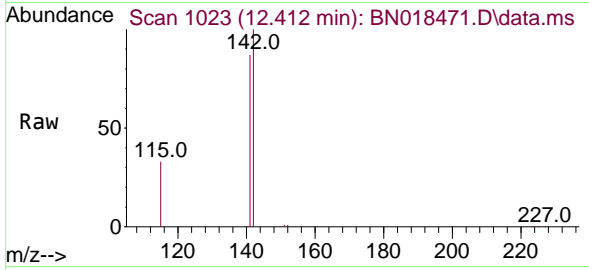




#12
 2-Methylnaphthalene
 Concen: 0.150 ng
 RT: 12.412 min Scan# 1023
 Delta R.T. -0.009 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

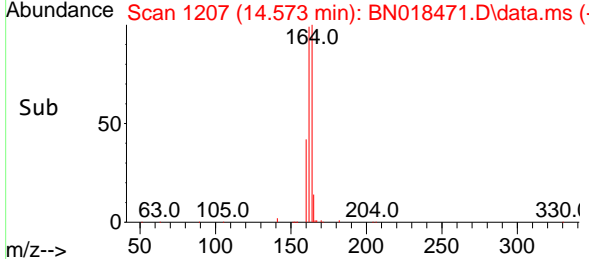
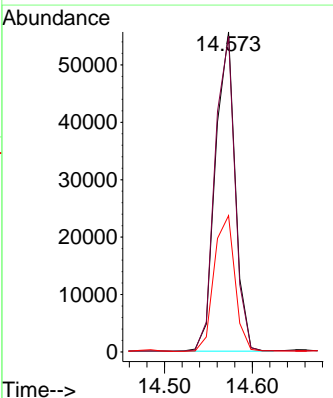
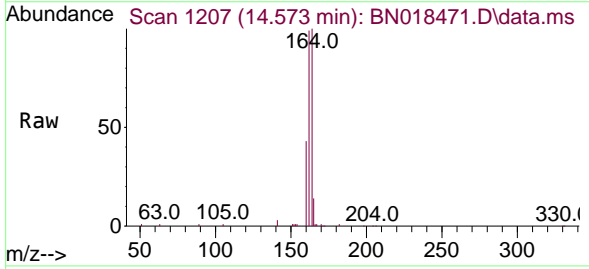
Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

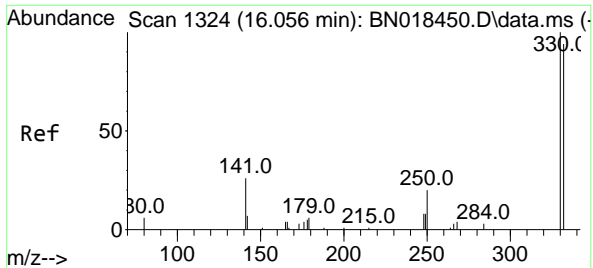
Tgt Ion	Resp	Lower	Upper
142	39124		
141	86.9	70.0	105.0
115	33.3	27.8	41.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.573 min Scan# 1207
 Delta R.T. -0.000 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion	Resp	Lower	Upper
164	86714		
162	98.6	80.2	120.2
160	42.6	36.9	55.3



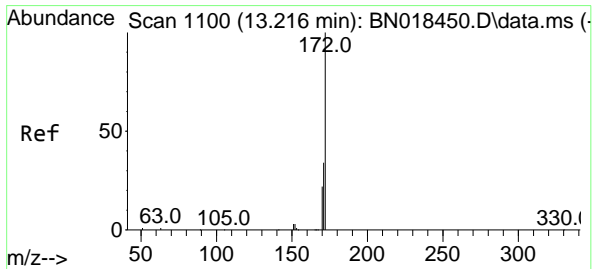
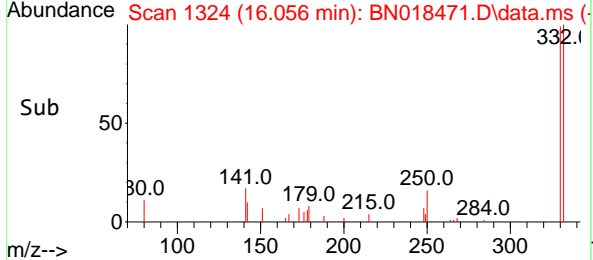
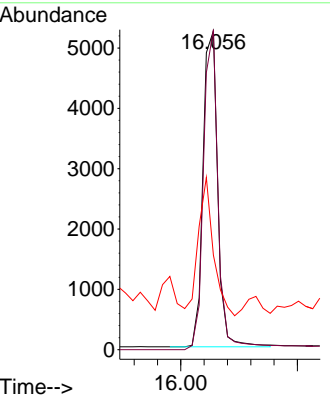
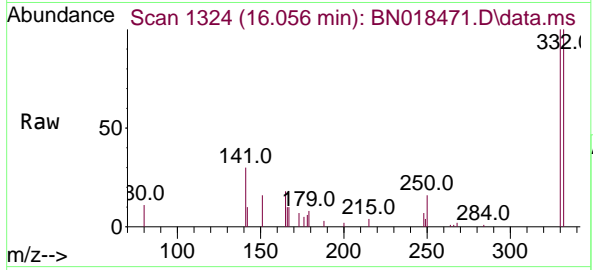


#14
 2,4,6-Tribromophenol
 Concen: 0.353 ng
 RT: 16.056 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

Tgt Ion:330 Resp: 9215

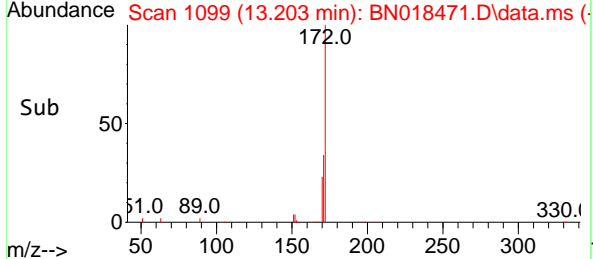
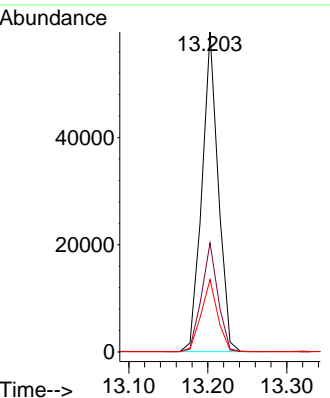
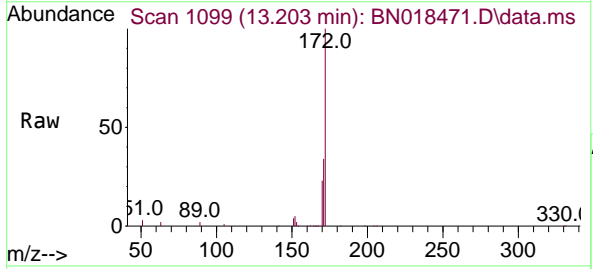
Ion	Ratio	Lower	Upper
330	100		
332	101.3	0.0	0.0#
141	44.9	21.3	31.9#

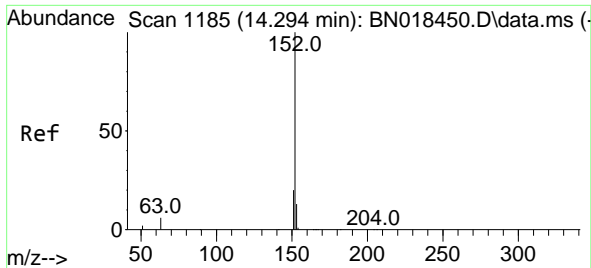


#15
 2-Fluorobiphenyl
 Concen: 0.274 ng
 RT: 13.203 min Scan# 1099
 Delta R.T. -0.013 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion:172 Resp: 85285

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.4	41.0
170	22.7	18.4	27.6

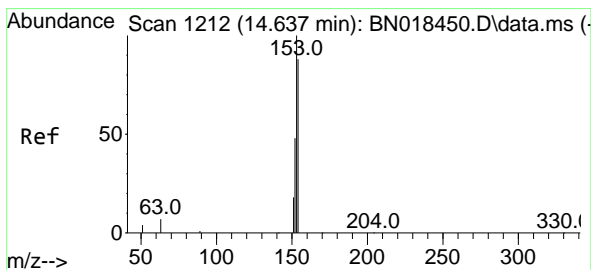
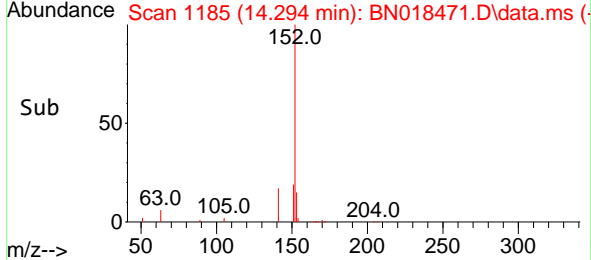
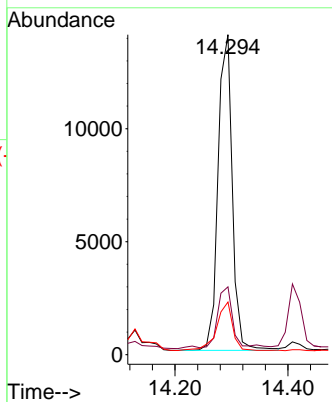
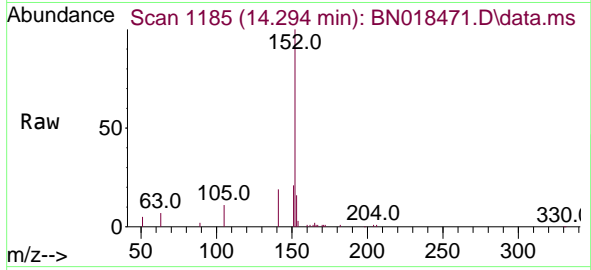




#16
 Acenaphthylene
 Concen: 0.076 ng
 RT: 14.294 min Scan# 1185
 Delta R.T. -0.000 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

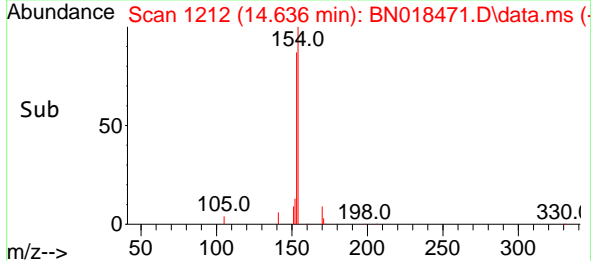
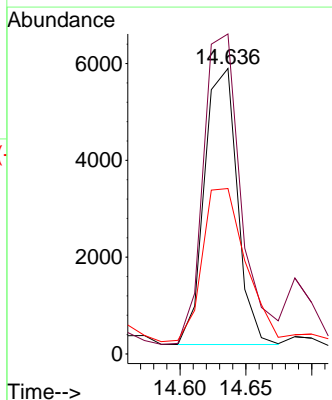
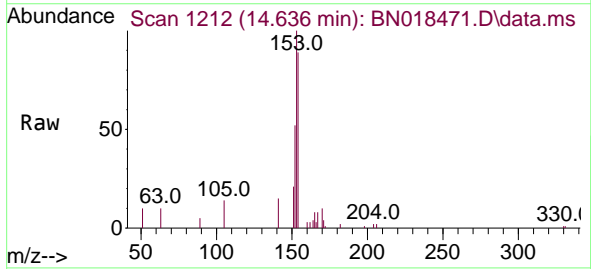
Instrument :
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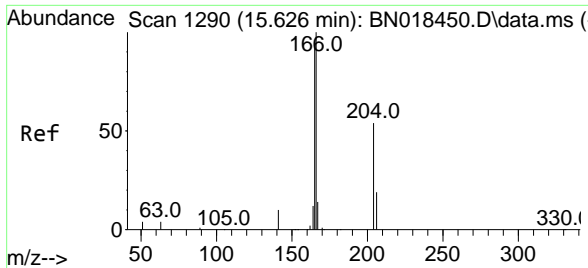
Tgt Ion	Resp	Lower	Upper
152	24522		
151	21.1	15.8	23.6
153	17.3	10.5	15.7#



#17
 Acenaphthene
 Concen: 0.043 ng
 RT: 14.636 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion	Resp	Lower	Upper
154	9932		
153	129.7	90.9	136.3
152	76.1	45.0	67.4#



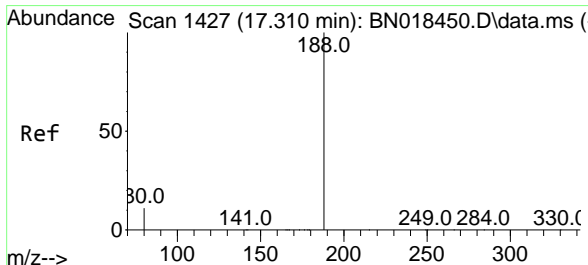
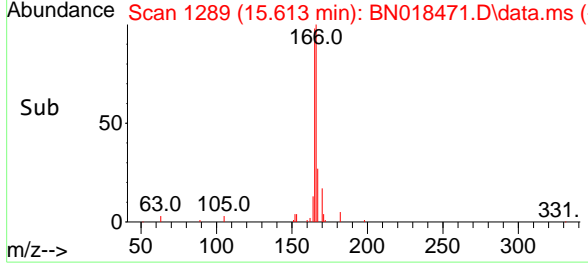
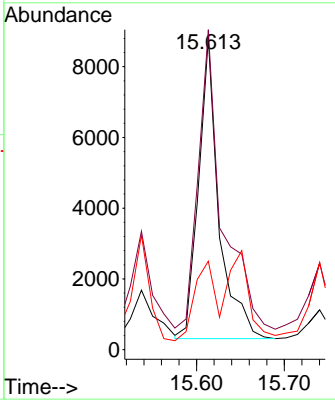
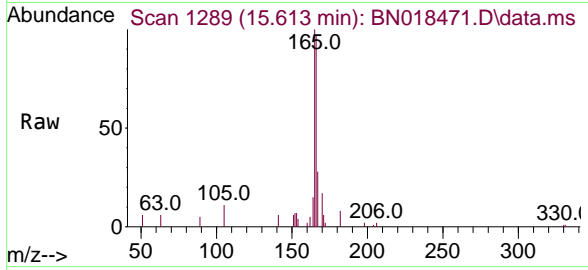


#18
 Fluorene
 Concen: 0.050 ng
 RT: 15.613 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

Tgt Ion:166 Resp: 13660

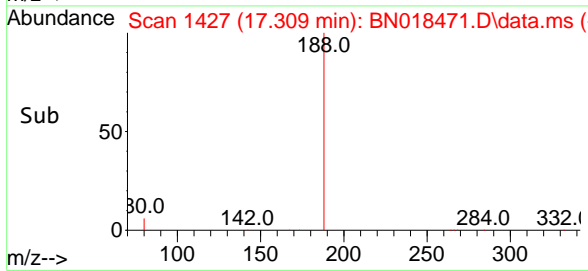
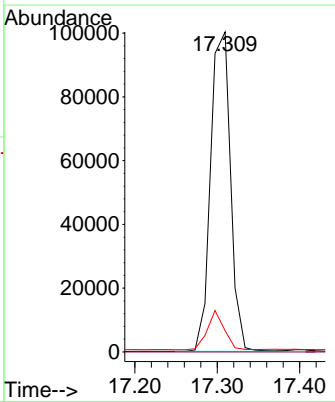
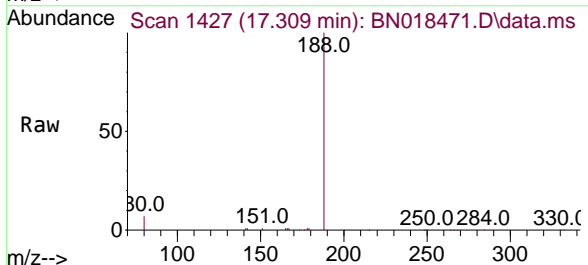
Ion	Ratio	Lower	Upper
166	100		
165	116.4	77.8	116.6
167	27.3	10.9	16.3#

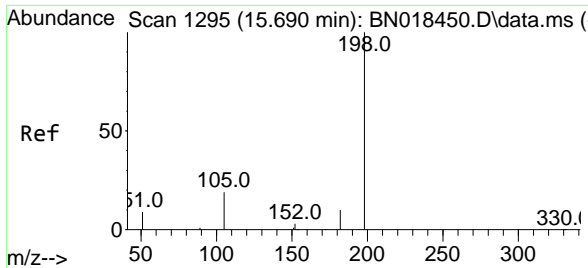


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.309 min Scan# 1427
 Delta R.T. -0.001 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion:188 Resp: 168609

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	7.0	10.4#

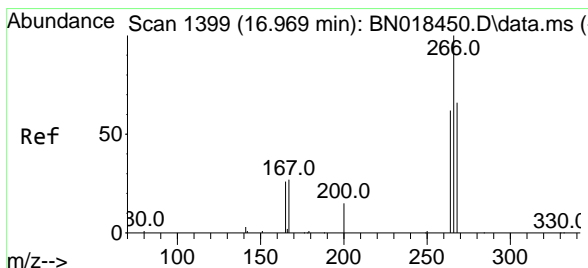
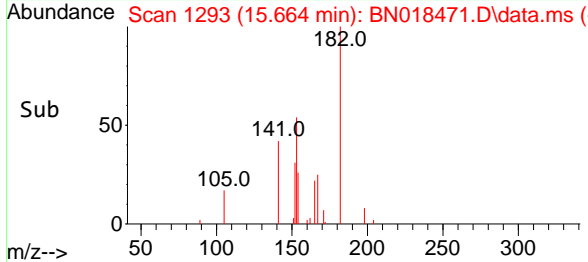
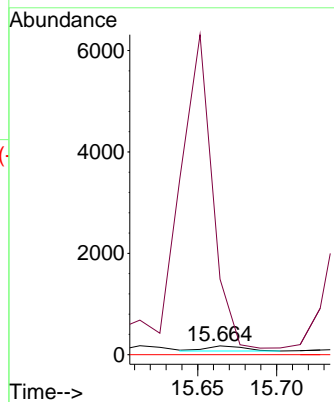
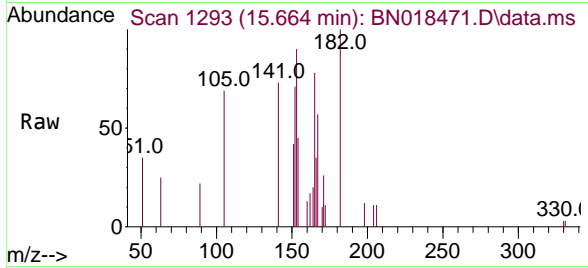




#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.098 ng
 RT: 15.664 min Scan# 11
 Delta R.T. -0.026 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

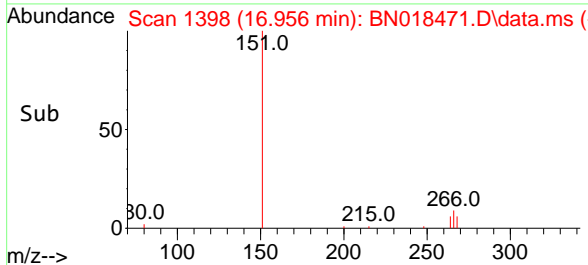
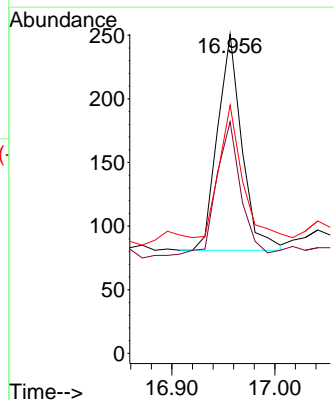
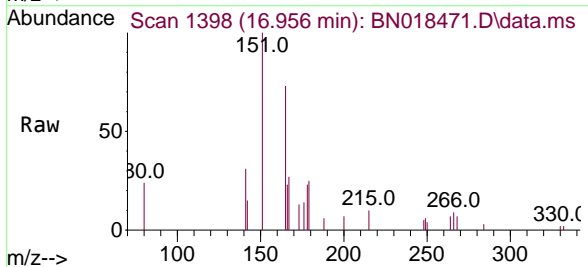
Instrument :
 BNA_N
 ClientSampleId :
 SB-3(3-3.5)

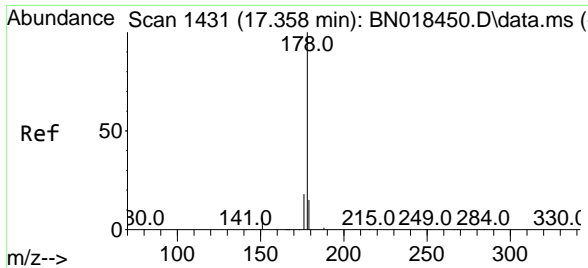
Tgt Ion	Resp	Lower	Upper
198	100		
182	851.4	15.5	23.3#
77	0.0	0.0	0.0



#24
 Pentachlorophenol
 Concen: 0.194 ng
 RT: 16.956 min Scan# 1398
 Delta R.T. -0.013 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion	Resp	Lower	Upper
266	100		
264	62.6	49.5	74.3
268	57.2	50.6	76.0



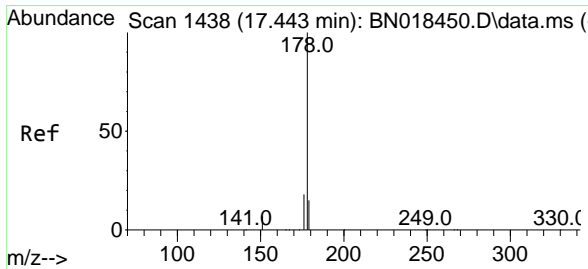
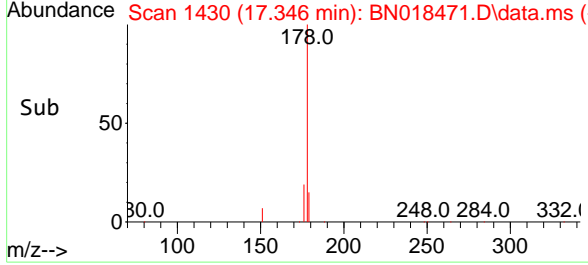
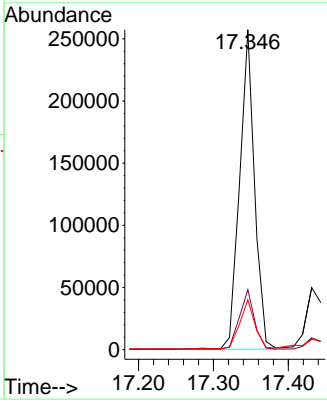
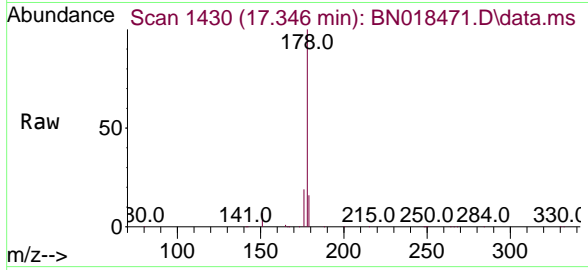


#25
 Phenanthrene
 Concen: 0.794 ng
 RT: 17.346 min Scan# 1430
 Delta R.T. -0.012 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

Tgt Ion:178 Resp: 355380

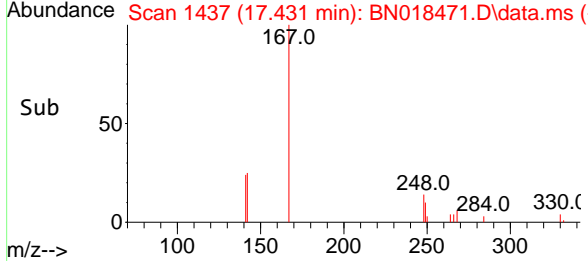
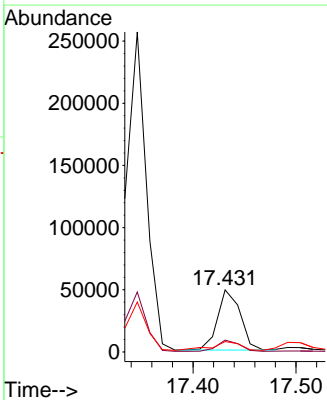
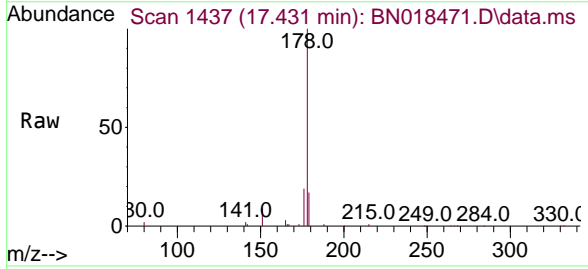
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.9	12.3	18.5

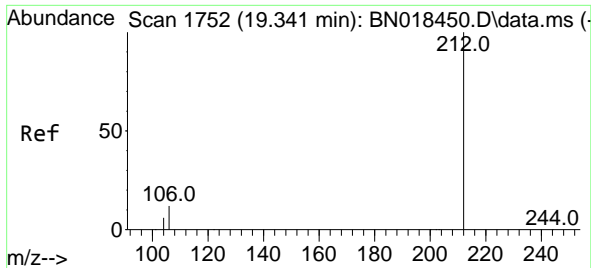


#26
 Anthracene
 Concen: 0.196 ng
 RT: 17.431 min Scan# 1437
 Delta R.T. -0.012 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion:178 Resp: 74268

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	18.3	12.2	18.4



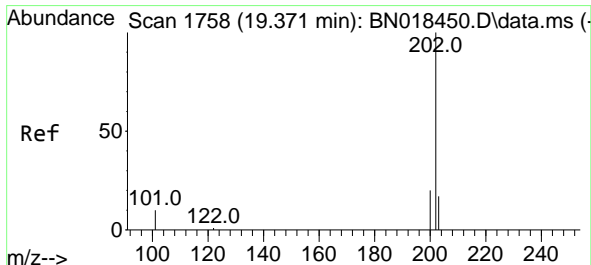
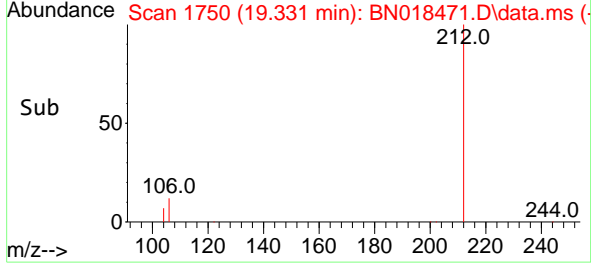
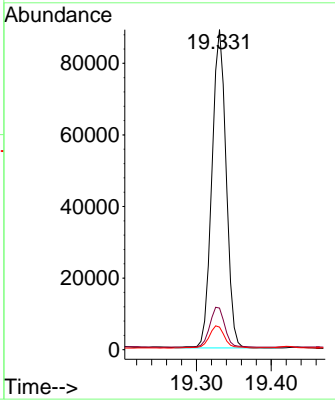
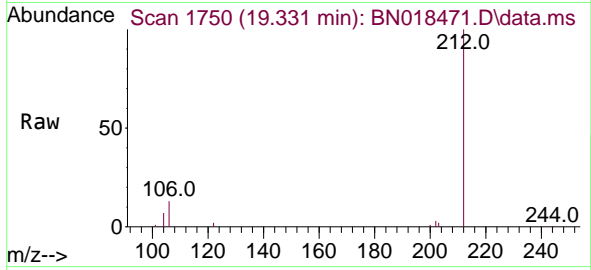


#27
 Fluoranthene-d10
 Concen: 0.231 ng
 RT: 19.331 min Scan# 1756
 Delta R.T. -0.010 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

Tgt Ion:212 Resp: 117485

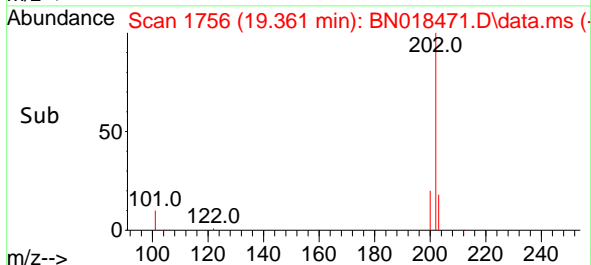
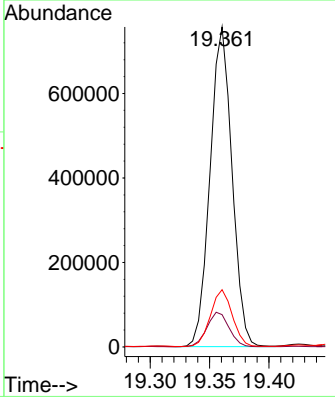
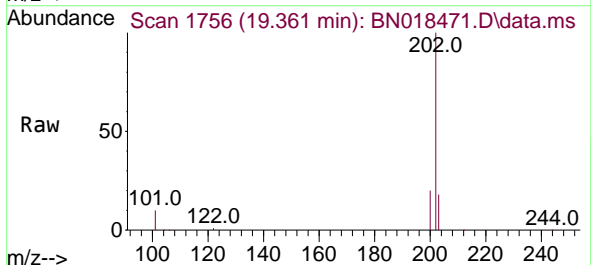
Ion	Ratio	Lower	Upper
212	100		
106	13.2	8.4	12.6#
104	7.7	4.5	6.7#

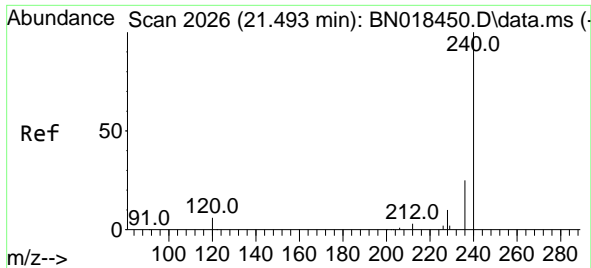


#28
 Fluoranthene
 Concen: 1.983 ng
 RT: 19.361 min Scan# 1756
 Delta R.T. -0.010 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion:202 Resp: 969786

Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.2	10.8#
203	17.6	13.7	20.5

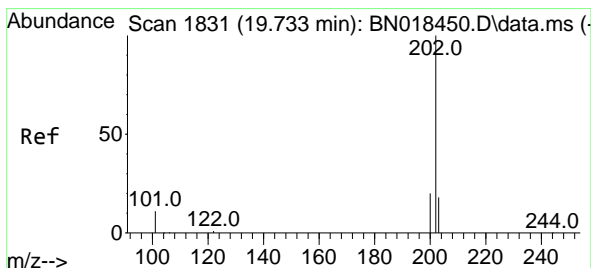
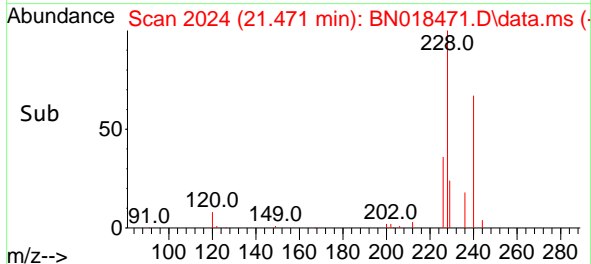
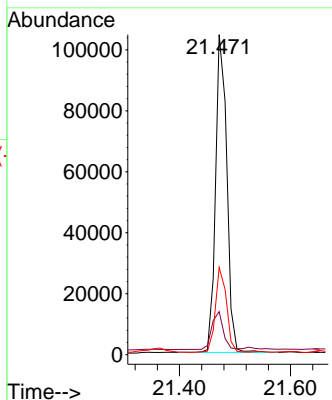
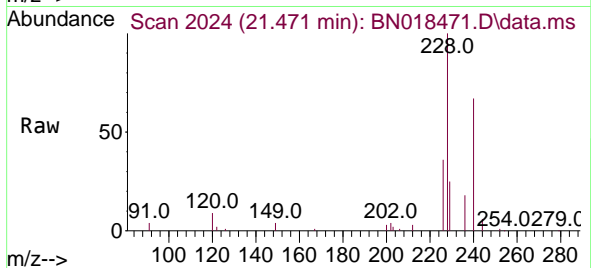




#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.471 min Scan# 20
 Delta R.T. -0.022 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

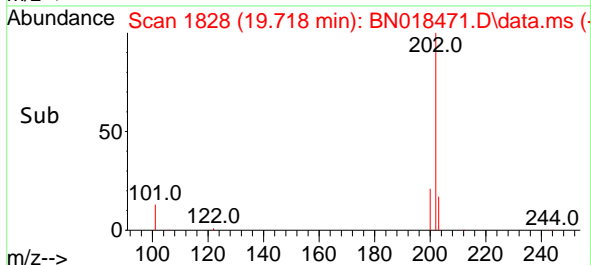
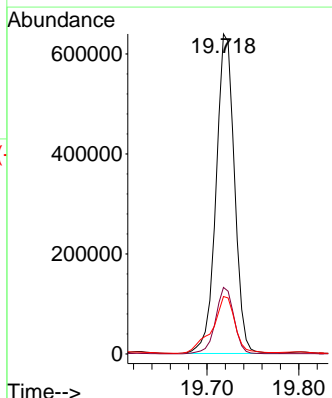
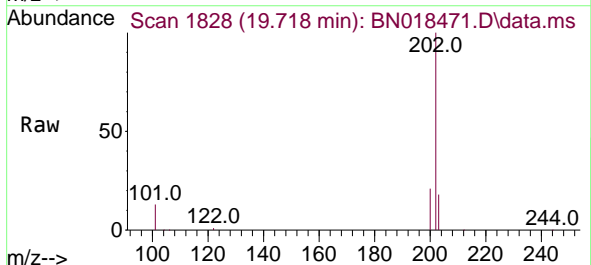
Instrument :
 BNA_N
 ClientSampleId :
 SB-3(3-3.5)

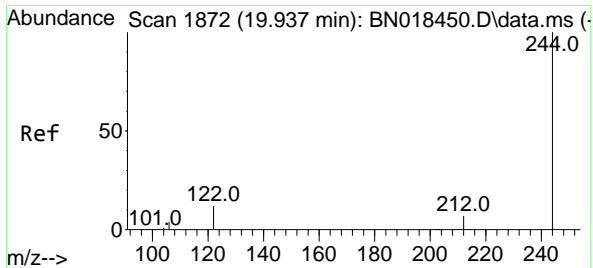
Tgt Ion:240 Resp: 146488
 Ion Ratio Lower Upper
 240 100
 120 13.5 6.0 9.0#
 236 27.3 21.4 32.2



#30
 Pyrene
 Concen: 1.423 ng
 RT: 19.718 min Scan# 1828
 Delta R.T. -0.015 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion:202 Resp: 889483
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 25.0
 203 21.9 14.1 21.1#

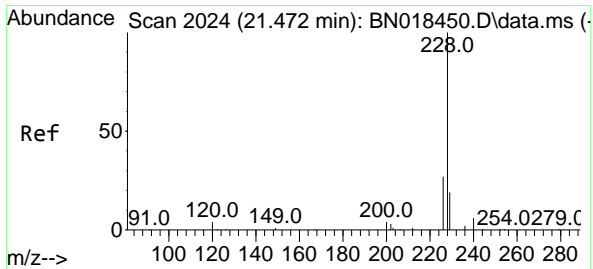
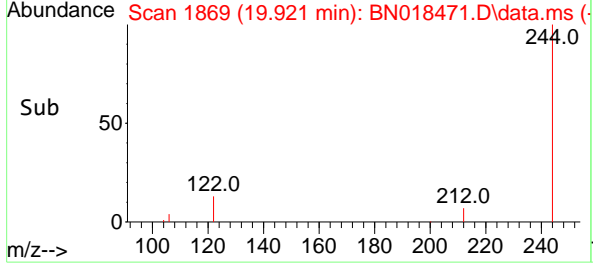
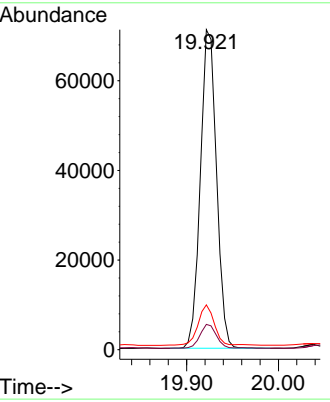
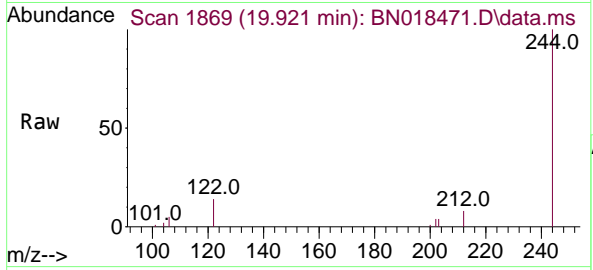




#31
 Terphenyl-d14
 Concen: 0.191 ng
 RT: 19.921 min Scan# 1869
 Delta R.T. -0.015 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

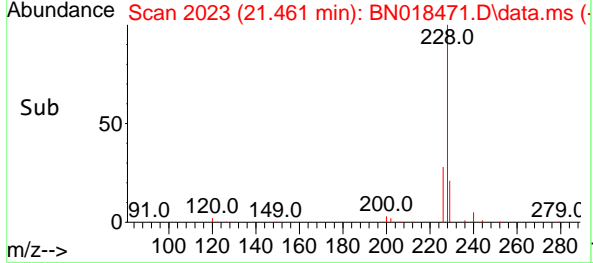
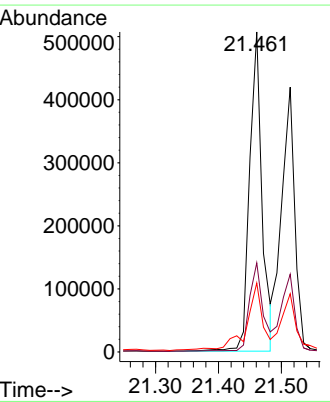
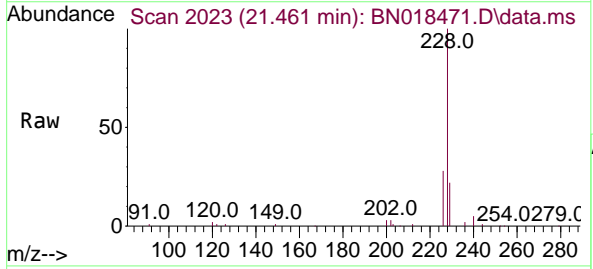
Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

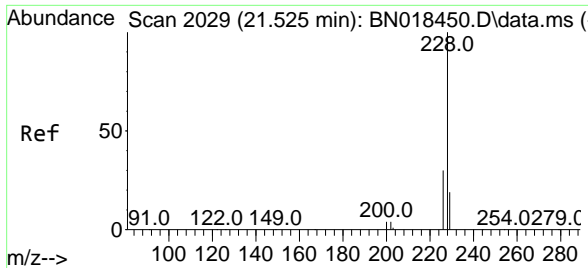
Tgt Ion	Resp	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.0	7.9	11.9



#32
 Benzo(a)anthracene
 Concen: 1.504 ng
 RT: 21.461 min Scan# 2023
 Delta R.T. -0.011 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion	Resp	Lower	Upper
228	100		
226	27.8	21.3	31.9
229	21.5	15.9	23.9



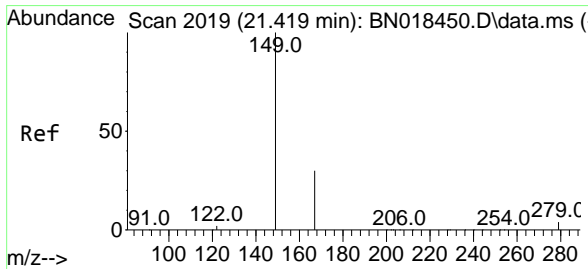
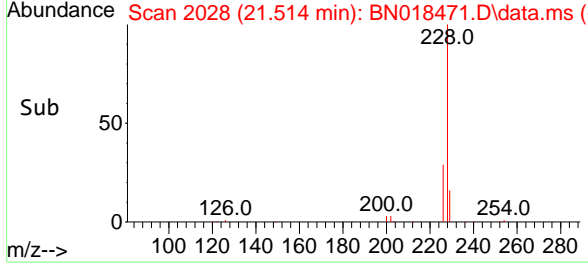
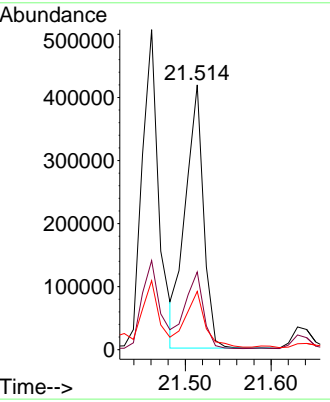
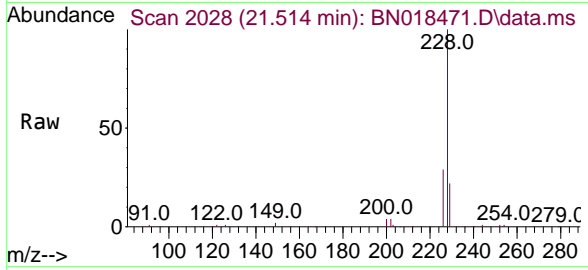


#33
 Chrysene
 Concen: 1.332 ng
 RT: 21.514 min Scan# 2017
 Delta R.T. -0.011 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

Tgt Ion:228 Resp: 611384

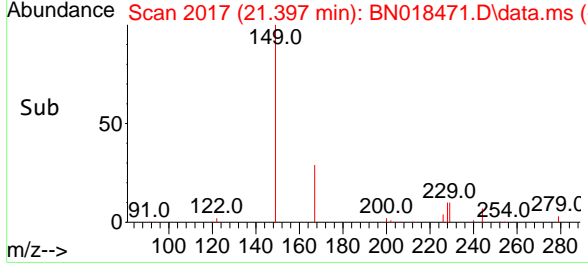
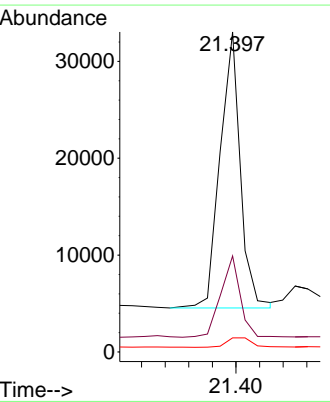
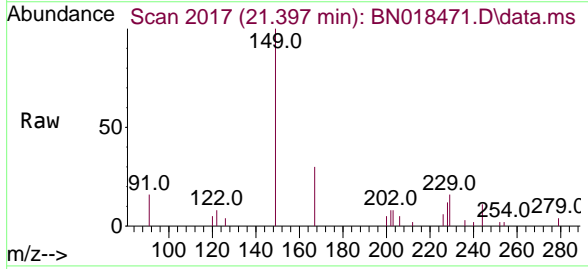
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	22.0	15.5	23.3

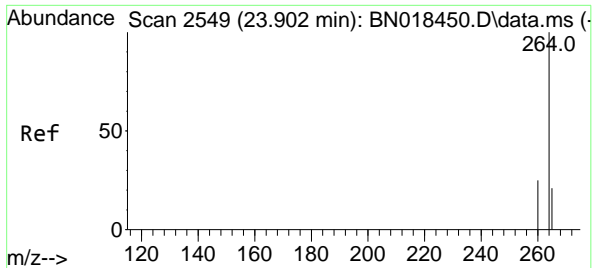


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.397 min Scan# 2017
 Delta R.T. -0.021 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion:149 Resp: 33929

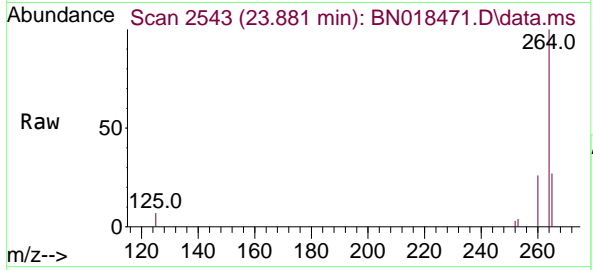
Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.7	35.5
279	4.4	3.6	5.4





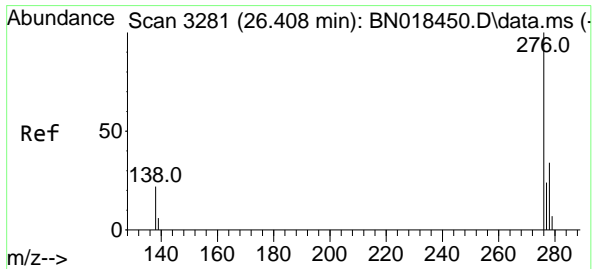
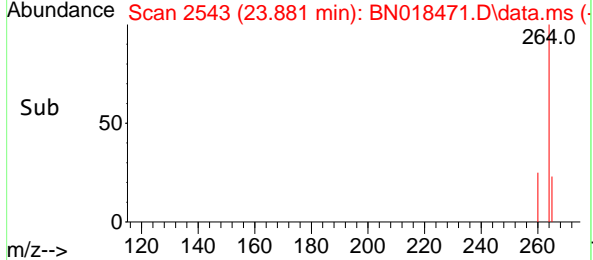
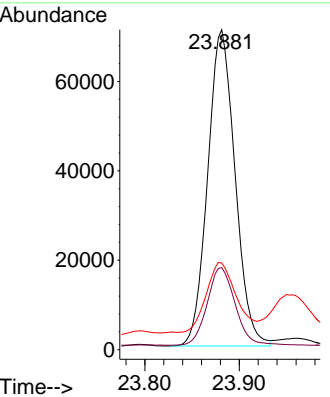
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.881 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)



Tgt Ion:264 Resp: 142514

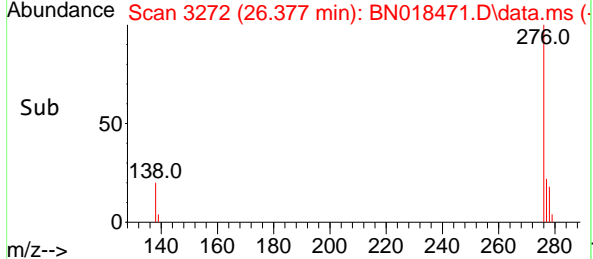
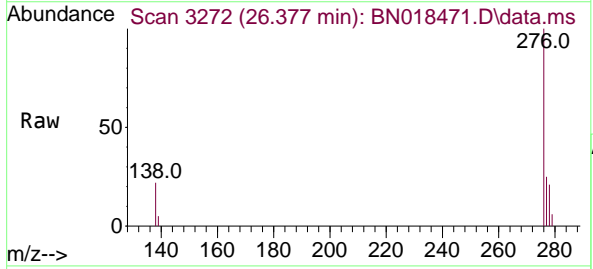
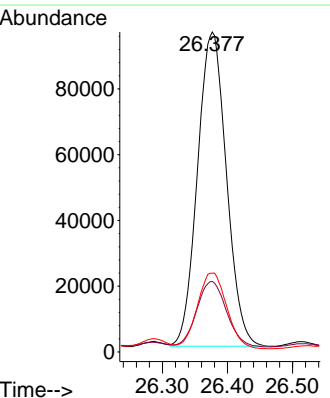
Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.4
265	27.0	18.2	27.2

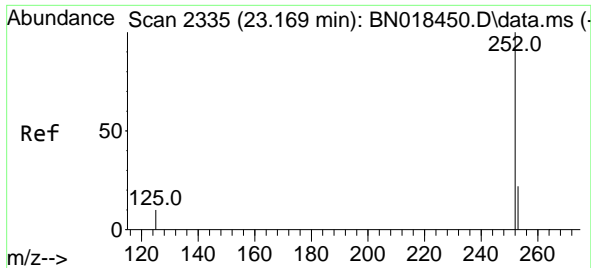


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 1.165 ng
 RT: 26.377 min Scan# 3272
 Delta R.T. -0.031 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion:276 Resp: 295143

Ion	Ratio	Lower	Upper
276	100		
138	21.5	14.9	22.3
277	24.7	19.9	29.9

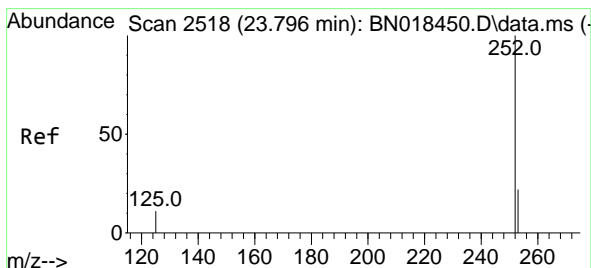
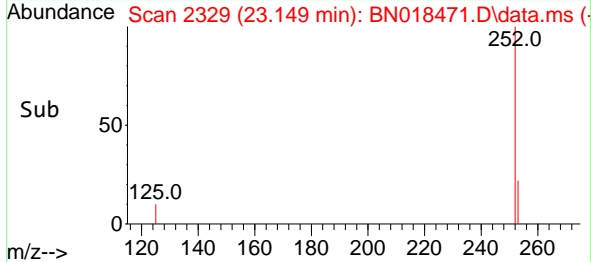
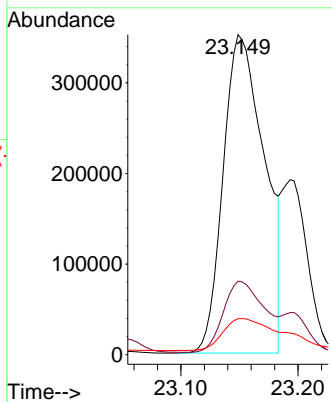
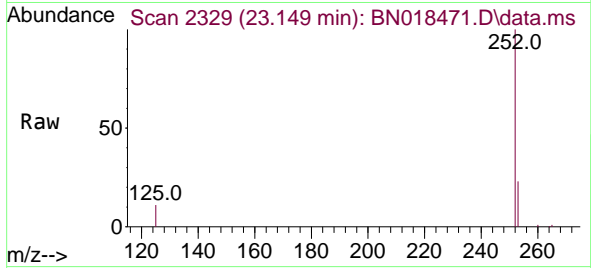




#37
 Benzo(b)fluoranthene
 Concen: 1.680 ng
 RT: 23.149 min Scan# 211
 Delta R.T. -0.021 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

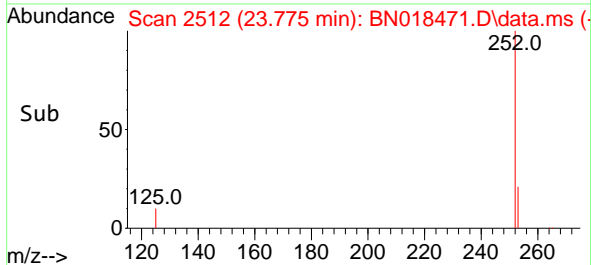
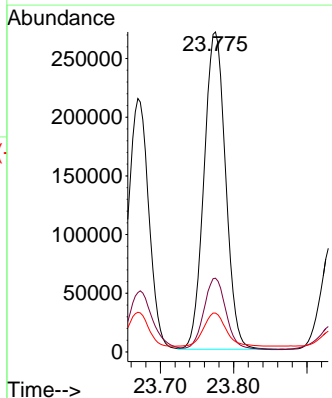
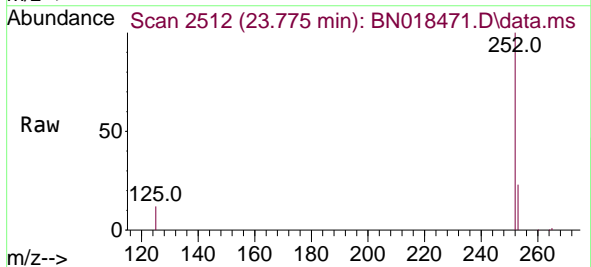
Instrument : BNA_N
 ClientSampleId : SB-3(3-3.5)

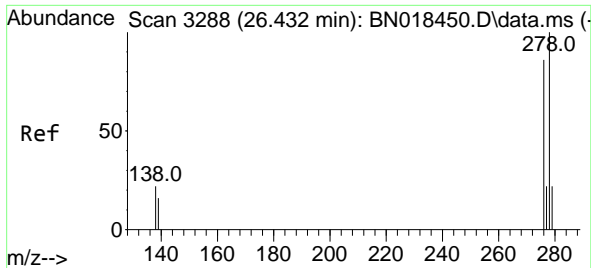
Tgt Ion:252 Resp: 862504
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.8 26.6
 125 11.2 6.0 9.0#



#39
 Benzo(a)pyrene
 Concen: 1.470 ng
 RT: 23.775 min Scan# 2512
 Delta R.T. -0.021 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion:252 Resp: 552364
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.8 26.6
 125 12.1 7.0 10.4#

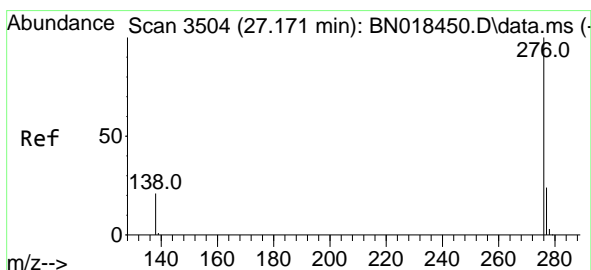
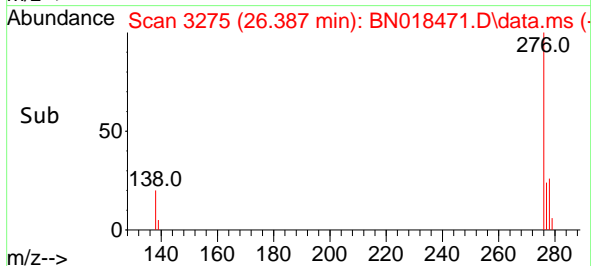
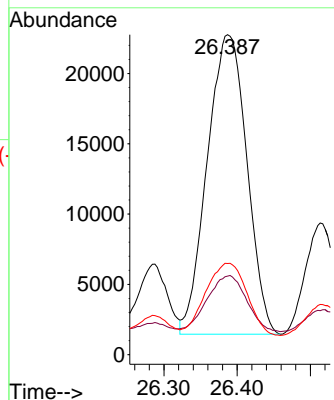
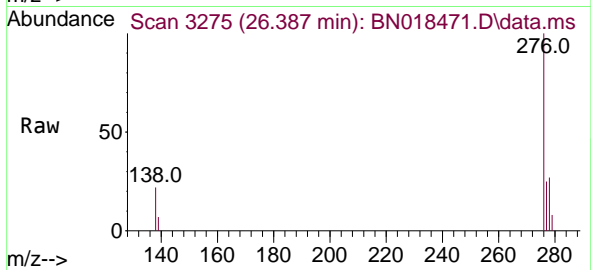




#40
 Dibenzo(a,h)anthracene
 Concen: 0.495 ng
 RT: 26.387 min Scan# 31
 Delta R.T. -0.045 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Instrument :
 BNA_N
 ClientSampleId :
 SB-3(3-3.5)

Tgt Ion:278 Resp: 80246
 Ion Ratio Lower Upper
 278 100
 139 24.5 10.8 16.2#
 279 28.5 19.0 28.4#



#41
 Benzo(g,h,i)perylene
 Concen: 1.047 ng
 RT: 27.143 min Scan# 3496
 Delta R.T. -0.028 min
 Lab File: BN018471.D
 Acq: 25 Jan 2022 22:11

Tgt Ion:276 Resp: 269847
 Ion Ratio Lower Upper
 276 100
 277 24.7 19.0 28.6
 138 22.3 12.6 19.0#

